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Replies to initial written questions raised by Finance Committee Members in examining the Estimates of Expenditure 2016-17

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CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1863)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                          (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is stated in the Budget that in order to offer comprehensive support in various areas such as business incubation, financing, business expansion and office space, the Government will expand the Science Park in stages, and expects to provide an additional floor area of 70 000 square metres for start-ups and other technology companies by 2020.   Earlier, the Government also planned to establish a fourth industrial estate of the territory in Ta Kwu Ling and Heung Yuen Wai for the development of data centre(s) and the provision of factory land for promoting "re-industrialisation" of Hong Kong.   In this connection, please tabulate the details of the above two projects, and the manpower resources and expenditure involved.

In the past 3 years, how much usable office space in the territory has been provided for the innovation and technology industry?   How much additional space is expected to be provided for use by the industry in future?   Of the additional space, how much will be used for data centres, offices and factories?   Please also list their locations.

Furthermore, how many new town development projects will commence in future?   Of these projects, how many can make available additional space for use by the innovation and technology industry?

Asked by: Hon CHAN Chi-chuen (Member Question No. 16)

Reply:

Having consulted the Development Bureau, the required information is provided below:

Expansion of Science Park and development of Industrial Estates

To promote the development of innovation and technology ("I&T"), the Hong Kong Science and Technology Parks Corporation ("HKSTPC") plans to expand the Science Park in phases. Stage 1 of the expansion programme involves the construction of 2 building blocks (14-storey and 15-storey respectively) on the vacant western corner of the Phase 3 site and the existing transport terminus (covering about 1.18 hectares), providing an additional floor area of 70 000 square metres for use by start-ups and other technology companies. The development cost of the expansion programme is estimated at $4.4 billion. Subject to the funding approval by the Legislative Council within this legislative term, the construction work will commence in the second half of 2016 and is expected to be completed in 2020.

On new Industrial Estates ("IE"), it has been announced in the 2016 Policy Address that the Government would identify sites near the Liantang/Heung Yuen Wai Boundary Control Point for the development of Science Park and IEs. The Planning Department is now conducting a preliminary planning study to identify potential sites for the development of Science Park and IEs. The outcomes of the preliminary planning study, proposals for the site and views of the department will provide the basis for further feasibility study.

In addition to the existing manpower, the Innovation and Technology Commission has created 2 additional posts, namely, 1 Executive Officer II and 1 Assistant Clerical Officer, to support the relevant infrastructural projects. The total expenditure on the annual emoluments of the above additional posts is about $700,000.

Existing space provided for the innovation and technology sector

The 22-hectare Hong Kong Science Park ("HKSP") is the Government's flagship infrastructure to develop Hong Kong into a regional innovation hub. HKSP is developed in three phases. Phases 1 & 2 were completed in 2004 and 2011 respectively, with a combined floor area of 225 000 square metres. The first three buildings of Phase 3 were completed in March 2014, while the remaining two buildings will be completed in 2016. Upon full commissioning of Phase 3, the gross floor area ("GFA") of HKSP will add up to 330 000 square metres.

The Cyberport currently provides approximately 95 000 square metres of Grade A office space, which includes small office and co-working space to enable startups to rent well-equipped office units at affordable price. The Cyberport will increase the provision of Smart-Space by 50% within this year, providing a GFA of about 11 400 square metres.

The 3 IEs at Tai Po, Yuen Long and Tseung Kwan O provide 217 hectares of land in total for the use of specific industries. The Government has revised the industrial estate policy last year to give priority to innovation and technology industries. In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant land to single users for

building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE. The total cost is estimated to be some $8.2 billion.

Regarding the development of data centres, 12 sites with a total of about 19 hectares of land in the Tai Po and Tseung Kwan O IEs have been designated for the development of data centres, providing a floor area of over 300 000 square metres. We have also earmarked a site of about 3.76 hectares in Area 85, Tseung Kwan O with a GFA of about 163 000 square metres for the construction of data centres.

Moreover, the industry can also compete with other demands to make use of spaces available in the market, including about 590 000 square metres of private industrial/office floor area and about 11 060 000 square metres of private office floor area (as of 2014).

New town developments

As part of the mid- and long-term land supply, the Government has reserved a site of about 10.8 hectare in Area 38, Tuen Mun for the development of a satellite IE; a site of about 14.7 hectare in Wang Chau for the expansion of Yuen Long IE; two sites (11.7 hectare and 5.8 hectare respectively) in Kwu Tung North New Development Area intended for "Business and Technology Park" (a GFA of about 352 000 square metres) and "research and development" (a GFA of about 102 000 square metres) respectively, and a site of about 9 hectare in Hung Shui Kiu New Development Area for the development of "Enterprise and Technology Park" (a GPA of about 380 000 square metres). Furthermore, New Development Areas and New Town Extension Projects in the pipeline will also provide additional commercial and industrial areas.

For the longer term, the Government is studying the development potential of Lantau Island and New Territories North as Strategic Growth Areas, as well as various potential near-shore reclamation sites, with a view to providing additional land and spaces for economic activities including those of I&T industries.

--End--

Reply Serial No.

ITB002

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2339)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme: (1) Director of Bureau's Office

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please list in the table below expenditure details of the duty visits made by the Secretary for Innovation and Technology, the Under Secretary for Innovation and Technology and the Political Assistant to the Secretary for Innovation and Technology in the past 3 years, including the date of visit, place of visit, number of entourage members, purpose of visit, expenses on hotel accommodation, air tickets and meals, and total expenditure for each visit. Please list the amounts of sponsorships received and names of the sponsors (if any).

Please also list the number of days for such duty or private visits made by the above Secretary, Under Secretary and Political Assistant respectively in the past 3 years.

Date of visit	Countries/ regions visited	Departments/ organisations visited	Number of entourage members	Purpose of visit	Hotel accommodation expenses	Air ticket expenses	Meal expenses	Total expenditure

Asked by: Hon CHAN Chi-chuen (Member Question No. 112)

Reply:

Details of the duty visits made by the Secretary, Under Secretary and Political Assistant since the establishment of the Innovation and Technology Bureau on 20 November 2015 and up to 29 February 2016 are as follows:

Secretary for Innovation and Technology

Date of visit (no. of visits)	Place of visit and duration	Purpose of visit	Size of entourage	Passage expenses (A)	Hotel expenses (B)	Other expenses [Note] (C)	Total expenditure (A)+(B)+(C)
2015-16 (2 visits)	Wuzhen and Hangzhou in Zhejiang Province*, and Beijing (Total: 6 days)	To attend meetings and events, and conduct exchanges (e.g. attending the World Internet Conference and meeting with government officials and local bodies)	0-2 for each visit	About HK$31,000	About HK$9,000	About HK$7,000	About HK$47,000

Under Secretary for Innovation and Technology (the post was vacant between 20 November 2015 and 29 February 2016)

Date of visit (no. of visits)	Place of visit and duration	Purpose of visit	Size of entourage	Passage expenses (A)	Hotel expenses (B)	Other expenses [Note] (C)	Total expenditure (A)+(B)+(C)
2015-16	Not applicable	Not applicable	Not applicable	0	0	0	0

Political Assistant to the Secretary for Innovation and Technology (the post was vacant between 20 November 2015 and 10 February 2016)

Date of visit (no. of visits)	Place of visit and duration	Purpose of visit	Size of entourage	Passage expenses (A)	Hotel expenses (B)	Other expenses [Note] (C)	Total expenditure (A)+(B)+(C)
2015-16	Not applicable	Not applicable	Not applicable	0	0	0	0

* Sponsored by the government agencies concerned or the host (e.g. hotel accommodation and local transportation). The actual amount of sponsorship is not available.

Note: Other expenses include subsistence allowance.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2345)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title): (000) Operational expenses

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding studies conducted by consultancy firms or research institutes commissioned by the Innovation and Technology Bureau over the past 3 years, will the Bureau set out their details and estimated provisions in the table below?

Period	Study	Objective	Scope of Study	Research institute	Manpower involved	Expenditure

Asked by: Hon CHAN Chi-chuen (Member Question No. 118)

Reply:

Since its establishment on 20 November 2015, the Innovation and Technology Bureau has not commissioned any consultancy firm or research institute to conduct studies.

- End -

Reply Serial No.

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5374)

Head:	(135) Government Secretariat: Innovation and Technology Bureau
Subhead (No. & title):	(000) Operational expenses
Programme:	(1) Director of Bureau's Office
Controlling Officer:	Permanent Secretary for Innovation and Technology (Cheuk Wing Hing)
Director of Bureau:	Secretary for Innovation and Technology

Question:

What is the estimate of the amount required in 2016-17 for the salaries and allowances of the Secretary for Innovation and Technology, the Under Secretary for Innovation and Technology and the Political Assistant to Secretary for Innovation and Technology?

Asked by: Hon CHAN Chi-chuen (Member Question No. 132)

Reply:

In the Estimates, the provisions earmarked for the salaries of the Secretary for Innovation and Technology, the Under Secretary for Innovation and Technology and the Political Assistant to Secretary for Innovation and Technology for 2016-17 are $3.58 million, $2.68 million and $1.97 million respectively.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5413)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                     (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Cyberport will set aside a dedicated space of 3 000 square metres in its co-working space Smart-Space, and roll out a designated programme to provide support to 150 Fintech start-ups over the next 5 years.   In this connection, has the Government compiled statistics on the total area of co-working space Smart-Space that is currently available locally for use by various sectors and worked out the increase in such space in future?   Please provide, in tabular form, the areas of co-working space Smart-Space in the 18 districts of Hong Kong. How will the Bureau encourage the community to provide more co-working space Smart-Space?

Asked by: Hon CHAN Chi-chuen (Member Question No. 172)

Reply:

Cyberport currently provides Smart-Space small office and co-workstations for start-ups to rent well-equipped office units at affordable price.   To address the keen demand for these office units, Cyberport will increase its Smart-Space by 50% within this year, providing a gross floor area of over 123 000 square feet.

In addition, the Incu-App Centre in Science Park provides co-working space of around 10 000 square feet for use by start-ups participating in the Incu-Tech Programme of the Hong Kong Science and Technology Parks Corporation ("HKSTPC").   Incubatees can also use the shared facilities of around 10 000 square feet inside the Science Park.   The HKSTPC plans to provide additional co-working space of around 10 000 square feet at its InnoCentre this year for use by the incubatees.

Besides, the Soft Landing Centre in the Science Park provides co-working space of around 5 000 square feet to encourage technology companies to use Hong Kong as their base for developing businesses.   Short-term workstations and support services would be

provided for companies or individuals keen on looking for business opportunities and developing technology businesses in Hong Kong.

We do not have information on other co-working space in the market.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5430)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                               (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government advocates the application of innovative technology on various fronts, including the use of Internet of Things and sensors, to improve people's daily life.   In the past, the Government's digital inclusion policy put too much emphasis on the promotion of wider use of computers and electronic equipment, which can no longer keep pace with the changing times.   Recently, the Hong Kong Research Institute of Textiles and Apparel Limited has developed a jacket which can prevent the elderly from getting lost.   The position of the elderly who may get lost can be located at any time by a built-in indoor and outdoor positioning device used along with a special application.   Such positioning technology should be widely used on the market, or even applied to other target individuals, including young children and incapacitated persons in need of care.   In this connection, will the proposed $500 million Innovation and Technology Fund for Better Living accept funding applications for the use of Internet of Things and sensors?   Meanwhile, are there any measures put in place by the Government to respond to the needs of the innovative technology age?

Asked by: Hon CHAN Chi-chuen (Member Question No. 189)

Reply:

In 2016-17, the Government has earmarked $500 million to set up an Innovation and Technology Fund for Better Living ("the Fund"), to be spearheaded by the Innovation and Technology Bureau ("ITB") to finance projects that make use of innovative ideas and technologies to improve people's daily life, including those making life more convenient for the elderly or the underprivileged groups.

We are now studying the operation details of the Fund, including application procedures, vetting criteria and forms of funding support, etc.   We plan to consult the relevant Legislative Council ("LegCo") panel in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.

The Government will continue to develop the local innovation and technology industries, driving the upgrading and transformation of our overall economic structure, thereby enhancing Hong Kong's competitiveness and improving the people's quality of life.

- End -

Examination of Estimates of Expenditure 2016-17   Reply Serial No.

ITB007

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5513)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title): (000) Operational expenses

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

The estimated non-directorate posts of the Innovation and Technology Bureau will be increased from 27 as at 31 March 2016 to 39 as at 31 March 2017, representing an addition of 12 posts.   What will be the types and job nature of the posts to be created?

What are the types, numbers of each type, annual salaries, allowances and job nature of the 39 permanent non-directorate posts?

Meanwhile, there are 4 directorate posts in the Innovation and Technology Bureau.   What are the types, annual salaries, allowances and job nature of these 4 directorate posts?

Asked by: Hon CHAN Chi-chuen (Member Question No. 280)

Reply:

In 2016-17, the Innovation and Technology Bureau (ITB) plans to create 12 non-directorate posts.   6 of them, with a time limit of 5 years, will be responsible for the implementation of the Innovation and Technology Fund for Better Living.   The remaining 6 will be responsible for providing support in policy formulation and administration.

The establishment of the ITB (including the newly-created posts) and the other requested information are as follows:

Directorate Officers

Rank	Number	Salary[1] (HK$)	Work nature	Allowances
Administrative Officer Staff Grade A1	1	$255,050-$262,700	To assist the Secretary for Innovation and Technology (S for IT)	Determined in accordance with the

Rank	Number	Salary[1] (HK$)	Work nature	Allowances
Administrative Officer Staff Grade B	1	$180,200-$196,700	in formulating innovation and technology policies, overseeing the implementation of the relevant policies and measures, co-ordinating the work of its two departments as well as managing the resources allocated to the Bureau.	employment terms of the relevant officers, the application criteria and the existing civil service mechanism.
Administrative Officer Staff Grade C	1	$154,950-$169,450		
Administrative Officer Staff Grade C	1	$154,950-$169,450	To provide administrative support for the S for IT, including planning and co-ordinating his official duties.	
Total	4			

Non-directorate Officers

Rank	Number	Salary[1] (HK$)	Work nature	Allowances
Senior Administrative Officer	1	$101,620-$117,080	To provide support, including policy formulation, news-related work, human resources management, financial management and general administration.	Determined in accordance with the employment terms of the relevant officers, the application criteria and the existing civil service mechanism.
Administrative Officer	1	$47,235-$95,215		
Chief Information Officer	1	$101,620-$117,080		
Principal Information Officer	1	$80,990-$95,215		
Senior Information Officer	1	$63,095-$77,650		
Information Officer	1	$49,465-$62,235		

Rank	Number	Salary[1] (HK$)	Work nature	Allowances
Chief Executive Officer	2	$101,620-$117,080	(Ditto)	(Ditto)
Senior Executive Officer	2	$63,095-$95,215		
Executive Officer I	3	$49,465-$62,235		
Executive Officer II	2	$26,785-$47,235		
Clerical Officer	4	$28,140-$35,890		
Assistant Clerical Officer	6	$13,120-$26,785		
Clerical Assistant	2	$11,575- $20,305		
Personal Assistant	2	$49,465-$62,235		
Senior Personal Secretary	1	$37,590- $47,235		
Personal Secretary I	3	$28,140-$35,890		
Personal Secretary II	1	$13,970-$26,785		
Confidential Assistant	1	$19,160-$29,560		
Typist	1	$12,310-$20,305		
Personal Chauffeur	1	$21,550-22,900		
Chauffeur	1	$14,905-20,305		
Workman II	1	$11,570- $13,640		
Total	39			

[1] Determined in accordance with the current civil service pay scale.

- End -

Reply Serial No.

ITB008

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3537)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                          (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is noted that many overseas countries provide preferential measures or tax concessions for innovation and technology enterprises as a means to promote the development of the industry.   In this connection, please advise whether resources will be deployed for researches on preferential or concessionary measures targeting at the innovation and technology sector in 2016-17.   If yes, what are the work plans and timetable?   If not, what are the reasons?

Asked by: Dr Hon Kenneth CHAN Ka-lok (Member Question No. 268)

Reply:

Hong Kong has all along maintained a simple tax regime with low tax rates and upheld the taxation principles of fairness and neutrality. We must take into account the long-term interest of the whole community in considering whether tax concessions should be provided to specific sectors.

The Policy Address and Budget Speech this year have introduced a number of measures to promote the local innovation and technology development.   They include a $2 billion Innovation and Technology Venture Fund; a $2 billion Midstream Research Programme for Universities; a $500 million Innovation and Technology Fund for Better Living; a $500 million Pilot Technology Voucher Programme, increasing the level of cash rebate under the R&D Cash Rebate Scheme to 40 per cent, etc.   We are actively working out the operation details and timetables for these measures, which will be made public once finalised.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3538)

Head:	(135) Government Secretariat: Innovation and Technology Bureau
Subhead (No. & title):	(000) Operational expenses
Programme:	(2) Innovation and Technology
Controlling Officer:	Permanent Secretary for Innovation and Technology (Cheuk Wing Hing)
Director of Bureau:	Secretary for Innovation and Technology

Question:

Will the Government adopt one or more of the items listed below as the performance indicators of the Innovation and Technology Bureau?   If so, what are the details?   If not, what are the reasons?

a) the contribution of the innovation and technology industry as a percentage of Hong Kong's Gross Domestic Product;
b) the total amount of capital input by private enterprises for innovation and technology research;
c) the number of innovation and technology enterprises in Hong Kong and their total capital;
d) the number of employees in the innovation and technology sector in Hong Kong;
e) the quantity of innovation and technology products or services developed in Hong Kong.

Asked by: Dr Hon Kenneth CHAN Ka-lok (Member Question No. 269)

Reply:

The contribution of innovation and technology activities to our economy and the performance of the relevant trades (including the number of enterprises, the number of employees, products and services, etc.) can be taken as indicators of our innovation and technology development.   We will explore with stakeholders with a view to suitably adopting the above and other indicators.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6011)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 48 of the Budget Speech that innovation and technology can help improve the quality of living.   As innovation and technology can also be of considerable assistance in meeting certain needs of persons with disabilities, such as sign language interpretation, service outlines and employment support, will the Government advise on the work progress and arrangement in this respect?

Asked by: Dr Hon Fernando CHEUNG Chiu-hung (Member Question No. 114)

Reply:

The Innovation and Technology Bureau ("ITB") promotes the adoption of innovation and technology in addressing social issues, such as serving the elderly and underprivileged groups (including the disabled) through the use of technologies.   Through the Innovation and Technology Fund, the Government will continue to support research and development ("R&D") centres in applying their R&D outcomes in public sector organisations.   The Government will also continue to promote digital inclusion through projects such as the "Digital Inclusion Mobile Apps Funding Scheme" to meet the needs of the underprivileged groups (including the disabled) and make use of information technology to bring convenience to their everyday life.

Moreover, the Government has set aside $500 million to set up an Innovation and Technology Fund for Better Living, to be spearheaded by ITB to finance projects that make use of innovative ideas and technologies to improve people's daily lives.   The operation details of the Fund are being worked out.   We plan to consult the relevant Legislative Council ("LegCo") panel in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.

The overall estimated expenditure of ITB for 2016-17 is about $43.4 million. The Innovation and Technology Fund for Better Living will be administered by 6 non-directorate officers.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1256)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                     (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

One of the responsibilities of the Innovation and Technology Bureau is to promote research and development (R&D) collaboration with the world's top-notch science and research institutes.   In this connection, what are the R&D activities to be carried out in the coming year and what are the expenditures involved? (Please give a breakdown by institutes, if any.)

Asked by: Hon Christopher CHUNG Shu-kun (Member Question No. 24)

Reply:

One of the work priorities of the Innovation and Technology Bureau ("ITB") is to promote collaboration between Hong Kong and the world's top-notch scientific research institutes. For example, the Karolinska Institutet of Sweden and the Massachusetts Institute of Technology of the United States will set up in Hong Kong their first overseas research facility or Innovation Node.   As regards collaboration with scientific research institutions in the Mainland, the Government will continue to provide $110 million each year to support the 16 Partner State Key Laboratories ("PSKLs") and 6 Hong Kong Branches of the Chinese National Engineering Research Centres ("CNERCs").   For work details of PSKLs and Hong Kong Branches of CNERCs, please refer to LC Paper No. CB(1)436/15-16(06) of the   Legislative   Council   Panel   on   Commerce   and   Industry (http://www.legco.gov.hk/yr15-16/english/panels/ci/agenda/ci20160119.htm).

In 2016-17, the overall estimated expenditure of ITB is about $43.4 million.   The work on promoting collaboration with the world's top-notch scientific research institutes will be carried out jointly with the department under our purview with existing manpower and resources.   A breakdown on the expenditure is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2520)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

1. It is stated in paragraph 65 of the Budget that entrepreneurship is not exclusive to the young.   Older people with societal experience and professional expertise can also join the ranks of entrepreneurs.   Does this remark suggest that the Government will shift its target of funding support for entrepreneurship from youngsters to older people? Will such an adjustment in policy affect the upward mobility opportunities for local young people?

2. In granting funding support for entrepreneurship to older people, will the Government set any age limits for such applicants?

Asked by: Hon Christopher CHUNG Shu-kun (Member Question No. 32)

Reply:

We have put in place various measures to encourage aspiring entrepreneurs (regardless of their age) to venture into innovation and technology.   These measures, designed to provide support to technology start-ups, include incubation programmes of the Hong Kong Science and Technology Parks Corporation ("HKSTPC") and Cyberport, the Innovation and Technology Fund, the HKSTPC's Corporate Venture Fund, the Cyberport Creative Micro Fund, as well as the funding schemes of universities.

The 2016 Policy Address proposed that a $2 billion Innovation and Technology Venture Fund be set up for co-investment in technology start-ups with private venture capital funds on a matching basis.   In addition, the Cyberport will allocate $200 million to launch a Cyberport Macro Fund for investment in its information and communication technology start-ups.

We consider that the above measures should benefit anyone who aspires to entrepreneurship and have thus set no age limit for them.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4223)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme:

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

In regard to the growing cross-boundary co-operation between Hong Kong and the Mainland in recent years, please provide relevant information on Hong Kong/Mainland cross-boundary projects or programmes in which your bureau and the departments under your purview have been involved.

(a) For Hong Kong/Mainland cross-boundary projects or programmes, please provide information for 2015-16 as per the following table:

Project / Programme	Details, objective and whether it is related to the Framework Agreement on Hong Kong / Guangdong Co-operation (the Framework Agreement) or the National 13th Five-year Plan	Expenditure involved	Mainland official(s) and department(s)/ organisation(s) involved	Has any agreement been signed and whether it has been made public? If not, what are the reasons?	Are there any minutes of meeting? If yes, are they made public?	Progress (% completed, commencement date, target completion date)	Have the details, objectives, amount involved or impact on the public, society, culture and ecology been released to the public? If so, through what channel(s) and what were the manpower and expenditure involved? If not, what are the reasons?	Has any public consultation on the cross-boundary project been conducted in Hong Kong?	Details of the legislative amendments or policy changes involved in the project/ programme

(b) Has provision been earmarked for Hong Kong/Mainland cross-boundary projects or programmes in this year (2016-17)?   If yes, please provide information in respect of Hong Kong/Mainland cross-boundary projects or programmes for 2016-17 as per the following table:

Project / Programme	Details, objective and whether it is related to the Framework Agreement on Hong Kong / Guangdong Co-operation (the Framework Agreement) or the National 13th Five-year Plan	Expenditure involved	Mainland official(s) and department(s)/ organisation(s) involved	Has any agreement been signed and whether it has been made public? If not, what are the reasons?	Are there any minutes of meeting? If yes, are they made public?	Progress (% completed, commencement date, target completion date)	Have the details, objectives, amount involved or impact on the public, society, culture and ecology been released to the public? If so, through what channel(s) and what were the manpower and expenditure involved? If not, what are the reasons?	Has any public consultation on the cross-boundary project been conducted in Hong Kong?	Details of the legislative amendments or policy changes involved in the project/ programme

(c) Apart from the projects or programmes listed above, are there any other modes of Hong Kong/Mainland cross-boundary cooperation?   If so, in what modes are they taken forward?   What were the manpower and expenditure involved over the past year?   How much financial and manpower resources have been earmarked in the 2016-17 Estimates?

Asked by: Hon Cyd HO Sau-lan (Member Question No. 67)

Reply:

The information on the Hong Kong/Mainland cross-boundary projects or programmes involving the Innovation and Technology Bureau and the department* under its purview is as follows:

(a) Information on the cross-boundary projects or programmes in 2015-16:

Project / Programme	Details, objective and whether it is related to the Framework Agreement on Hong Kong / Guangdong Co-operation (the Framework Agreement) or the National 13th Five-year Plan	Expenditure involved	Mainland official(s) and department(s)/ organisation(s) involved	Has any agreement been signed and whether it has been made public? If not, what are the reasons?	Are there any minutes of meeting? If yes, are they made public?	Progress (% completed, commencement date, target completion date)	Have the details, objectives, amount involved or impact on the public, society, culture and ecology been released to the public? If so, through what channel(s) and what were the manpower and expenditure involved? If not, what are the reasons?	Has any public consultation on the cross-boundary project been conducted in Hong Kong?	Details of the legislative amendments or policy changes involved in the project/ programme
Mutual Recognition of Electronic Signature Certificates Issued by Hong Kong and Guangdong	The mutual recognition of electronic signature certificates scheme is an item under the "Framework Agreement on Hong Kong/ Guangdong Co-operation" to promote secure cross-boundary e-commerce.	Manpower involved was absorbed by existing resources. There was no extra expenditure.	Ministry of Industry and Information Technology (MIIT) and Economic and Information Commission of Guangdong Province (GDEI)	MIIT, GDEI and Office of the Government Chief Information Officer (OGCIO) of Hong Kong signed the "Suggestions on the Framework for the Mutual Recognition of Electronic Signature Certificates" in 2009. The document is open for public information.	There are minutes of meeting on internal work which are not made available to the public.	Ongoing	Details of the standing arrangement for mutual recognition of electronic signature certificates were announced in August 2012 via press release, website and press conference. For the press conference, manpower involved was absorbed by internal resources. Expenditure incurred was HK$6,000.	A study on the framework of the mutual recognition scheme was completed in 2012. The Advisory Committee on Code of Practice for Recognized Certification Authorities and the industry were consulted regarding findings of the study. A summary of the study was published on OGCIO's website.	Not applicable
Co-operation Agreement on Enhancing	The Agreement is to promote the development of cross-boundary	Manpower involved was absorbed by	Guangzhou Municipal Commission	The "Co-operation Agreement on	There are internal records which	Ongoing	Details of the "Co-operation Agreement on	Nil	Not applicable

Cross-Boundary E-commerce	e-commerce between Hong Kong and Guangzhou and to strengthen co-operation of the e-commerce industry between the two sides.	existing resources. There was no extra expenditure.	of Commerce	Enhancing Cross-Boundary E-commerce" was signed with the Guangzhou Munnicipal Commission of Commerce in September 2015. The Agreement is open to the public.	are not made available to the public.		Enhancing Cross-Boundary E-commerce" have been announced via press release. Manpower involved was absorbed by internal resources and there was no extra expenditure.		

(b) In 2016-17, the Innovation and Technology Bureau and the departments under its purview* have not earmarked any provision for the cross-boundary projects or programmes.

(c) Apart from the information provided above, other cross-boundary co-operation projects are as follows :

Project / Programme	Modes of Hong Kong/Mainland cross-boundary co-operation	Manpower and expenditure involved in 2015-16	Financial and manpower resources earmarked in the 2016-17 Estimates
Hong Kong/Guangdong ICT Expert Committee	OGCIO and GDEI have established the "Hong Kong/Guangdong ICT Expert Committee" to promote technology development and application of cloud computing, big data, Internet of Things and smart city, and formulate standards and guidelines in such technical areas applicable to both places. The Expert Committee facilitates the industry players of both places to participate in formulation of technical standards in international standards organisations, as well as explores collaboration opportunities for development of the industry.	Manpower involved was absorbed by existing resources. There was no extra expenditure.	Manpower involved will be absorbed by existing resources. There will be no extra expenditure.
HK-Mainland Cyber Security Forum 2016	OGCIO and the Bureau of Cyber Security of Cyberspace Administration of China will jointly organise the forum in April 2016.	Manpower involved was absorbed by existing resources. There was no extra expenditure.	Manpower involved will be absorbed by existing resources. There will be no extra expenditure.

* Only includes the Office of the Government Chief Information Officer. The Innovation and Technology Commission has also received the same question and will reply separately.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4224)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme:

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the records management work of your bureau and the departments under your purview over the past year:

1. Please provide information on the number and rank of officers designated to perform such work. If there is no officer designated for such work, please provide information on the number of officers and the hours of work involved in records management duties, and the other duties undertaken by these officers in addition to records management;

2. Please list in the table below information on programme and administrative records which have been closed pending transfer to the Government Records Service (GRS) for appraisal:

Category	Years covered	Quantity and linear metres	Retention period approved by GRS	Are they confidential documents	Reasons for non-transfer

3. Please list in the table below information on programme and administrative records which have been transferred to the GRS for retention:

Category	Years covered	Quantity and linear metres	Year of transfer to GRS	Retention period approved by GRS	Are they confidential documents

4.   Please list in the table below information on records which have been approved for destruction by the GRS:

Category	Name of records	Years covered	Quantity and linear metres	Year of transfer to GRS	Retention period approved by GRS	Are they confidential documents

Asked by: Hon Cyd HO Sau-lan (Member Question No. 68)

Reply:

The information sought is provided below.

Innovation and Technology Bureau

1.   In accordance with the Government's records management policy, this Bureau has designated staff of different ranks to perform records management duties as follows:

   (i)   1 Chief Executive Officer (CEO) is designated to serve as Departmental Records Manager (DRM) to devise, carry out and document departmental records management practices and procedures according to the guidelines and advice of the GRS;

   (ii)   1 Executive Officer (EO) II is appointed to serve as Assistant Departmental Records Manager (ADRM) to assist the DRM in the execution of the duties concerned; and

   (iii)   2 Clerical Officers (COs), 3 Assistant Clerical Officers (ACOs), 2 Clerical Assistants (CAs) and 3 Personal Secretaries (PSs) I are responsible for the execution of certain records management duties.

2, 3 & 4.   Since the establishment of the Innovation and Technology Bureau on 20 November 2015, there is no programme and administrative records which have been closed pending transfer to the GRS for appraisal, transferred to the GRS for retention or approved for destruction by the GRS.

In the course of performing daily duties, officers of different ranks in this Bureau are involved in related records management work to meet operational needs.

Office of the Government Chief Information Officer

1.   In accordance with the Government's records management policy, the Office of the Government Chief Information Officer (OGCIO) has designated staff of different ranks to perform records management duties as follows:

(i)   1 CEO is designated to serve as DRM to devise, carry out and document departmental records management practices and procedures according to the guidelines and advice of the GRS;

(ii) 1 Senior Executive Officer is appointed to serve as ADRM to assist the DRM in the execution of the duties concerned;

(iii) 3 EOs I, 3 Senior Clerical Officers, 1 Accounting Officer I, 1 Training Officer I, 1 Senior Computer Operator and 1 Senior Supplies Officer are responsible for supervising records management in different divisions/sections; and

(iv) 4 COs, 8 ACOs, 1 PS II and 1 Computer Operator I are responsible for the execution of certain records management duties.

In the course of performing daily duties, officers of different ranks in the OGCIO are involved in related records management work to meet operational needs.

2.   Below is information on the OGCIO's programme and administrative records that have been closed pending transfer to the GRS for appraisal:

Category	Years covered	Quantity and linear metres	Retention period approved by GRS	Are they confidential documents	Reasons for non-transfer
Administrative records	2003-2015	34 records, 1.7 linear metres	3 to 13 years	Yes: 2 records No: 32 records	Not-yet-time-expired according to the retention period approved by GRS
Programme records	2008-2015	16 records, 0.8 linear metres	14 years	No: 16 records	Not-yet-time-expired according to the retention period approved by GRS

3.   Below is information on the OGCIO's programme and administrative records that have been transferred to the GRS for retention:

Category	Years covered	Quantity and linear metres	Year of transfer to GRS	Retention period approved by GRS	Are they confidential documents
Administrative records	1974-2004	62 records, 3.1 linear metres	2014-2015	3 to 5 years	Yes: 12 records No: 50 records
Programme records	not applicable (N.A.)	N.A.	N.A.	N.A.	N.A.

4. Below is information on the OGCIO's records that have been approved for destruction by the GRS:

Category	Name of records	Years covered	Quantity and linear metres	Year of transfer to GRS	Retention period approved by GRS	Are they confidential documents
Administrative records	Legislation Circulars and Directives Committees, Councils, Commissions Complaints Elections Environmental Management Organisation Plans and Programmes Reports and Statistics Visits and Tours Furniture and Furnishings Office Machines and Equipment Accounts and Accounting Revenue Audits Budgets Finance and Accounting Fees and Charges Appointments and Posting Establishment Human Resources Planning Information Technology and Computer Systems Information Services-Press Clippings Expenditure Control	1969-2012	312 records, 15.6 linear metres	2012-2015	According to the period specified in the General Administrative Records Disposal Schedules, the minimum is 3 years while the maximum is 5 years.	Yes: 15 records No: 297 records
	Performance and Appraisal				1 year after the officer has left	

					the service and completed General Form 115; 1 year after the issue of the Pension Benefits Statements and the completion of General Form 115 and General Form 539.	
	Staff Record Cards				1 year after the officer has left the service and completed General Form 115; 1 year after the issue of the Pension Benefits Statements and the completion of General Form 115 and General Form 539	
Programme records	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Including the OGCIO but excluding the Innovation and Technology Commission as the latter has also received the same question and will provide a reply separately.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4225)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                   (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the studies, if any, conducted by your bureau and the departments under its purview for the purpose of formulating and assessing policies, please provide information in the following format.

(a) Please provide in the following table details of the public policy studies and strategic public policy studies commissioned with funds allocated in the last financial year (2015-16).

Name of consultant	Mode of award (open auction/ tender/ quotation/ others (please specify))	Title, content and objective of project	Consultancy fee ($)	Start date	Progress of study (under planning/ in progress/ completed)	Follow-up actions taken by the Government on the study report and their progress (if any)	If the study was completed, have its findings been made public? If yes, through what channels? If no, why?

(b) Are there any projects for which funds have been reserved to conduct internal studies this year (2016-17)?   If yes, please provide the following information:

Title, content and objective of project	Start date	Progress of study (under planning/ in progress/completed)	Follow-up actions taken by the Government on the study report and their progress (if any)	If the study is expected to be completed this year, is there any plan to make its findings public? If yes, through what channels? If no, why?

(c) Are there any projects for which funds have been reserved to conduct consultancy studies this year (2016-17)?   If yes, please provide the following information:

Name of consultant	Mode of award (open auction/ tender/ quotation/ others (please specify))	Title, content and objective of project	Consultancy fee ($)	Start date	Progress of study (under planning/ in progress/ completed)	Follow-up actions taken by the Government on the study report and their progress (if any)	If the study is expected to be completed this year, is there any plan to make its findings public? If yes, through what channels? If no, why?

(d) What are the criteria for awarding contracts to consultancies?

Asked by: Hon Cyd HO Sau-lan (Member Question No. 69)

Reply:
The information sought is provided as follows:

(a) Studies on public policy and strategic public policy funded in 2015-16:

Name of consultant	Mode of award (open auction/ tender/ quotation / others (please specify))	Title, content and objective of project	Consultancy fee ($)	Start date	Progress of study (under planning/ in progress/ completed)	Follow-up actions taken by the Government on the study report and their progress (if any)	If the study was completed, have its findings been made public? If yes, through what channels? If no, why?
Pricewaterhouse Coopers Ltd	Tender	Review on Government Wi-Fi Programme Review and propose the future direction of the Government Wi-Fi Programme after 2017.	$1.262 million	June 2015	Completed	According to the recommendation of the consultant firm, the Government will provide free public Wi-Fi services at venues with high patronage across Hong Kong through public-private collaboration. We will progressively expand the coverage of Wi-Fi.HK by	As part of the consultancy report contains commercial information as well as materials to be used for tendering purpose, it will not be published.

							doubling the number of hotspots from the existing 17 000 to 34 000 within 3 years	

(b) Part (c) below covers the funds that have been reserved for conducting consultancy studies in 2016-17.

(c) Consultancy studies with funds reserved in 2016-17:

Name of consultant	Mode of award (open auction/ tender/ quotation/ others (please specify))	Title, content and objective of project	Consultancy fee	Start date	Progress of study (under planning/ in progress/ completed)	Follow-up actions taken by the Government on the study report and their progress (if any)	If the study is expected to be completed this year, is there any plan to make its findings public? If yes, through what channels? If no, why?
To be decided through tender	Tender	Content To study the requisite information technology infrastructure in developing smart city in Hong Kong and formulate digital framework and identify standards for adoption. To study initiatives for development of smart city. To recommend smart city initiatives and trial schemes with timeframe and priority. Objective To develop a broad and long-term blueprint for building Hong Kong into a smart city.	Depending on tender results	Second half of 2016 (estimate)	Under planning	---	The Administration will report the results of the study to relevant Panel of the Legislative Council
To be decided through tender	Tender	Content To explore ways to boost demand for digital certificates for e-commerce and e-government	Depending on tender results	Second half of 2016 (estimate)	Under planning	---	The Administration will report the results of the study to relevant Panel of the

						Legislative Council.
	as well as the institutional arrangements for public certification authority service. The study will also look into mobile technologies which may help improve the use of digital certificates. <u>Objective</u> To create a secure and reliable infrastructure for the development of e-commerce and smart city.					

(d) In awarding a consultancy project to a research institute or a consultant, we will consider the institute/consultant's understanding, expertise and experience in the subject matter, the research methodology, work plans and timetables proposed, as well as and the project quotations.

*	The information provided covers the Office of the Government Chief Inforamtion Officer but not the Innovation and Technology Commission, as the latter also received the same question and will give its reply separately.*

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4226)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme:

Controlling Officer: Permanent Secretary for Innovation and Technology
                                    (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please give details of the meetings, visits or exchanges by its group of departments to the relevant Mainland authorities for the past 1 year by setting out the following information of each trip in chronological order:

(a)   purpose and place;

(b)   titles of Mainland officials met;

(c)   number and post titles of Hong Kong officials in entourage;

(d)   length of the trip in days;

(e)   total expenses involved;

(f)   whether any announcement was made prior to the trip; if not, what were the reasons for confidentiality;

(g)   whether minutes of meetings were kept on file; if not, what were the reasons for that; and

(h)   whether any agreement was reached; if yes, what were the details and what was the implementation progress of the agreement;

  (i)   transportation (list out air passage and local transportation at the destination);

  (ii)   accommodation expenses;

  (iii)   meal expenses;

(iv) banquet or entertainment expenses; and

(v) gift expenses .

Date	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(ii)	(iii)	(iv)	(v)

Asked by: Hon Cyd HO Sau-lan (Member Question No. 70)

Reply:

Information on duty visits to the Mainland conducted by Innovation and Technology Bureau and department* under its purview in 2015-16 is provided at Annex.   Prior formal approval must be obtained for officers of this Bureau and department* under its purview to take part in any duty visit (including attending work meetings or performing official activities), which must be conducted in accordance with relevant government regulations and procedures. Details of the visits will be duly recorded.   Depending on the circumstances and situations, we shall decide whether and how the itineraries of the visits and the agreements reached would be announced.

Information on duty visits to the Mainland conducted by Innovation and Technology Bureau and department* under its purview

Department*	Date of visit (Number of visits and duration)	Place of visit	Size of entourage	Purpose of visit	Passage expenses	Hotel expenses	Other expenses[Note]	Total expenditure
Innovation and Technology Bureau	2015-16 (As at 29.2.2016) (2 visits) (3 days on each occasion)	Wuzhen and Hangzhou of Zhejiang Province, Beijing	2	To attend meetings, events and conduct exchanges (e.g. attending the World Internet Conference, meeting government officials and local bodies)	About HK$31,000	About HK$9,000	About HK$7,000	About HK$47,000
Office of the Government Chief Information Officer	2015-16 (As at 29.2.2016) (23 visits) (1-7 days on each occasion)	Shenzhen, Beijing, Guangzhou, Changchun, Shanghai, Foshan, Wuzhen of Zhejiang Province, Xi'an	76	To attend meetings, events and conduct exchanges (e.g. attending the World Internet Conference, meetings of the Economic and Information Commission of Guangdong Province and its special panels, and other thematic technical meetings, forums, expositions, etc. held in the Mainland)	About HK$249,000	About HK$33,000	About HK$161,000	About HK$443,000

Note: The above expenses include subsistence allowance for duty outside Hong Kong and sundry expenses.   During the visits stated above, no expenses on receptions, entertainment or gifts were incurred by the Bureau and the department* under its purview.

*Including the Office of the Government Chief Information Officer but excluding the Innovation and Technology Commission as the latter has received the same question and will provide a reply separately.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4227)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (1) Director of Bureau's Office

Controlling Officer: Permanent Secretary for Innovation and Technology
                              (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide the details of duty visits made by the Secretary and the Under Secretary in the past year.   In respect of each visit, please list by date the (a) purpose and destination, (b) post titles of the local officials met, (c) number and post titles of the Hong Kong officials in the entourage, (d) duration, (e) total expenditures involved and the respective expenses on (i) transportation (list out both the expenses on air tickets and local transportation), (ii) accommodation, (iii) meals, (iv) receptions or entertainment and (v) gifts.

Date	(a)	(b)	(c)	(d)	(e)	(i)	(ii)	(iii)	(iv)	(v)

Asked by: Hon Cyd HO Sau-lan (Member Question No. 72)

Reply:

Details of the duty visits made by the Secretary and the Under Secretary since the establishment of the Innovation and Technology Bureau on 20 November 2015 and up to 29 February 2016 are as follows:

Secretary for Innovation and Technology

Date of visit (no. of visits)	Place of visit and duration	Purpose of visit	Size of entourage	Passage expenses (A)	Hotel expenses (B)	Other expenses [Note] (C)	Total expenditure (A)+(B)+(C)
2015-16 (2 visits)	Wuzhen and Hangzhou of Zhejiang Province, and Beijing (Total: 6 days)	To attend meetings and events, and conduct exchanges (e.g. attending the World Internet Conference and meeting government officials and local bodies)	0-2 for each visit	About HK$31,000	About HK$9,000	About HK$7,000	About HK$47,000

Under Secretary for Innovation and Technology (the post was vacant between 20 November 2015 and 29 February 2016)

Date of visit (no. of visits)	Place of visit and duration	Purpose of visit	Size of entourage	Passage expenses (A)	Hotel expenses (B)	Other expenses [Note] (C)	Total expenditure (A)+(B)+(C)
2015-16	Not applicable	Not applicable	Not applicable	0	0	0	0

No expenses on receptions, entertainment or gifts were incurred during the above visits.

Note: Other expenses include subsistence allowance for duty outside Hong Kong.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6275)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please set out in detail the achievements made as well as the expenditure and manpower involved in the area of promoting innovation and technology since the establishment of the Bureau.

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 195)

Reply:

Following its establishment on 20 November last year, the Innovation and Technology Bureau ("ITB") immediately announced 9 work priorities for promoting innovation and technology development in Hong Kong. The 2016 Policy Address has put forth a number of initiatives to develop innovation and technology and devoted a considerable amount of resources to this area. Examples include the proposals to set up a $2 billion Innovation and Technology Venture Fund, a $2 billion Midstream Research Programme for Universities, a $500 million Innovation and Technology Fund for Better Living, as well as a $200 million Cyberport Macro Fund. Moreover, the 2016-17 Budget has proposed a number of measures targeted at the industry, such as a $500 million Pilot Technology Voucher Programme, increasing the level of cash rebate under the Research and Development Cash Rebate Scheme to 40 per cent, extending the Public Sector Trial Scheme, and increasing the allowances of the Internship Programme, etc. While initiatives proposed in the Policy Address are long-term investment to enhance the ecosystem for innovation and technology in Hong Kong, measures in the Budget are expected to be implemented in the shorter term to expedite the development of Hong Kong's innovation and technology industries.

The overall revised estimate of the ITB for 2015-16 is about $12.6 million, where 31 posts are involved.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6276)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                   (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the development of the local innovation and technology industries, please provide information on the expected progress and achievements as well as the estimated expenditure and manpower involved in 2016-17.

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 196)

Reply:

One of the work priorities of the Innovation and Technology Bureau ("ITB") is to promote "re-industrialisation" to develop high value-added industries or manufacturing processes suitable for Hong Kong and thereby promoting smart production.   In this regard, the Hong Kong Science and Technology Parks Corporation will implement the new industrial estate policy and develop high-efficiency multi-storey buildings in Tseung Kwan O Industrial Estate, with a view to bringing together advanced manufacturing industries using robotics and information and communication technologies.   The estimated cost of the whole project is $8.2 billion.   In addition, the Government proposed to inject and provide guarantee of a total of about $4 billion to finance the expansion of Science Park.   To meet the long-term needs of the innovation and technology industry, the Government will also identify sites near the Liantang/Heung Yuen Wai Boundary Control Point to further develop the Science Park and industrial estates.

The overall estimated expenditure of ITB in 2016-2017 is about $43.4 million.   The work of promoting "re-industrialisation" will be carried out by the existing manpower, with support from the department under our purview.   A breakdown of the expenditure is not available.

<div align="center">- End -</div>

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6277)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                             (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the Government's efforts in promoting research and development collaboration with the world's top-notch science and research institutes in 2016-17, what are the expected progress and outcome as well as the estimated expenditure and manpower involved?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 197)

Reply:

In 2016-17, the Innovation and Technology Bureau ("ITB") will continue to promote research and development collaboration with the world's top-notch science and research institutes.   This includes assisting Karolinska Institutet of Sweden and Massachusetts Institute of Technology of the United States in setting up their first overseas scientific research base or innovation node in Hong Kong.   As regards collaboration with Mainland scientific research institutions, the Government will allocate $110 million to subsidise the 16 Partner State Key Laboratories and 6 Hong Kong Branches of Chinese National Engineering Research Centres.

The total estimated expenditure for ITB in 2016-17 is about $43.4 million.   As regards promoting collaboration with the world's top-notch scientific research institutes, the work will be carried out jointly with the department under our purview with our existing manpower and resources.   A breakdown of the expenditure is not available.

- End -

CONTROLLING　OFFICER'S　REPLY

(Question Serial No. 6279)

Head:　　　　　　　　　　(135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme:　　　　　　　(2) Innovation and Technology

Controlling Officer:　　　Permanent Secretary for Innovation and Technology
　　　　　　　　　　　　(Cheuk Wing Hing)

Director of Bureau:　　　Secretary for Innovation and Technology

Question:

Regarding the formulation of policies to promote "re-industrialisation" through the development of smart production and high value-added industries in 2016-17, what are the expected progress and outcome as well as the estimated expenditure and manpower involved?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 199)

Reply:

To promote "re-industrialisation", the Government and the Hong Kong Science and Technology Parks Corporation ("HKSTPC") have revised the industrial estate policy to give priority to innovation and technology industries.　In future, HKSTPC will build and manage specialised multi-storey industrial buildings for rental to multi-users instead of granting the sites to single users for building their own factories except under special circumstances.　HKSTPC is planning to develop 2 pilot high-efficiency multi-storey building projects in Tseung Kwan O Industrial Estate with an estimated total cost of $8.2 billion.　HKSTPC is now carrying out detailed study on the project's financial arrangements and economic case, including the expected number of employment opportunities.　We expect that the relevant studies will be completed in the first half of 2016 and we will submit funding proposals to the Legislative Council.　If funding is approved by the Legislative Council in the current legislative year, it is expected that the first project will be completed in 2020 at the earliest while the entire project will be completed in around 2021-22.

The overall budget of the Innovation and Technology Bureau for 2016-17 is about $43.4 million.　As regards promoting "re-industrialisation", the work will be carried out jointly with the department under our purview with existing manpower and resources.　A breakdown of the expenditure is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6280)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                               (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the Government's efforts in encouraging private sector investments in technology start-ups and research and development activities in 2016-17, what are the expected progress and outcome as well as the estimated expenditure and manpower involved?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 200)

Reply:

To support innovation and technology start-ups, the 2016 Policy Address has proposed the setting up of a $2 billion Innovation and Technology Venture Fund for co-investing in technology start-ups with private venture capital funds on a matching basis.   In addition, the Cyberport will allocate $200 million to launch a Cyberport Macro Fund for investing in its information and communication technology start-ups.   We will also continue to provide support to start-ups through the incubation programmes provided by the Hong Kong Science and Technology Parks Corporation ("HKSTP") and Cyberport, the Innovation and Technology Fund, the Corporate Venture Fund set up by HKSTP, the Cyberport Creative Micro Fund, and various funding schemes of universities.

On research and development ("R&D"), the Government has earmarked $2 billion to launch a Midstream Research Programme for Universities to encourage universities to carry out more midstream and translational theme-based R&D projects in key technology areas.   In addition, it has been announced in the 2016-17 Budget that the level of cash rebate under the R&D Cash Rebate Scheme will be increased to 40% to encourage private enterprises to carry out R&D works.

In 2016-17, the overall estimated expenditure of the Innovation and Technology Bureau is about $43.4 million.   As regards encouraging private organisations to invest in technology start-ups and R&D activities, the work will be carried out jointly with the department under our purview with our existing manpower and resources.   A breakdown of the expenditure is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6283)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                   (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the expected progress and results of promoting the adoption of innovation and technology in assisting to address social issues in 2016-17?   What are the estimated expenditure involved and manpower requirement?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 203)

Reply:

One of the work priorities of the Innovation and Technology Bureau ("ITB") is to promote the adoption of innovation and technology in addressing social issues, such as serving the elderly and underprivileged groups through the use of technologies.   Through the Innovation and Technology Fund, the Government will continue to support research and development ("R&D") centres in applying their R&D outcomes in public sector organisations.   The Government will also continue to promote digital inclusion to assist the underprivileged groups in using information technology.

Moreover, the Government has set aside $500 million to set up an Innovation and Technology Fund for Better Living, to be spearheaded by ITB to finance projects that make use of innovative ideas and technologies to improve people's daily lives.   The operation details of the Fund are being worked out.   We plan to consult the relevant Legislative Council ("LegCo") panel in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.

The overall estimated expenditure of ITB for 2016-17 is about $43.4 million.   The Innovation and Technology Fund for Better Living will be administered by 6 non-directorate officers.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6285)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the expected progress and results of formulating policies to support the use of local technology products and services in 2016-17?   What are the estimated expenditure involved and manpower requirement?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 205)

Reply:

The Budget this year has introduced a Pilot Technology Voucher Programme to subsidise local small and medium enterprises ("SMEs"), on a matching basis, to use technological services and solutions provided by designated local scientific research institutes or service providers.   The three-year pilot programme will provide a maximum subsidy of $200,000 for each eligible SME.   We will also extend the Public Sector Trial Scheme to cover the incubatees of Cyberport and Science Park for funding their production of prototypes and samples and conduct trials of their research and development results in public organisations.

In 2016-2017, the overall estimated expenditure of the Innovation and Technology Bureau is about $43.4 million.   As regards the promotion of the use of local innovation and technology products and services, the work will be carried out jointly with the departments under our purview with existing manpower resources.   A breakdown of the expenditure is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6286)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                    (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the expected progress and results of formulating policies to augment the pool of innovation and technology talent in 2016-17?   What are the estimated expenditure involved and manpower requirement?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 206)

Reply:

Augmenting the pool of innovation and technology ("I&T") talent in Hong Kong is one the work priorities of the Innovation and Technology Bureau ("ITB").   The Policy Address and Budget this year have proposed a number of measures to promote local I&T development.   These include attracting top scientific research institutions worldwide to come to Hong Kong, setting up a $2 billion Innovation and Technology Venture Fund, a $2 billion Midstream Research Programme for Universities, a $500 million Innovation and Technology Fund for Better Living, a $500 million Pilot Technology Voucher Programme, increasing the level of cash rebate under the Research and Development Cash Rebate Scheme to 40 per cent, etc.   The above measures can help inspire young people and provide them with opportunities to enter the I&T field.   In addition, we will increase the monthly allowances of the Internship Programme and extend the programme to cover the incubatees and small and medium enterprise tenants of the Cyberport and the Science Park, as well as the start-ups to be funded by the Innovation and Technology Venture Fund, with a view to helping more university graduates to join the I&T force.   The Government has also allocated $75 million to launch the Enriched IT Programme in Secondary Schools which will last for 8 years starting from the 2015/16 school year, with a view to nurturing information technology talents in secondary schools.

The overall estimated expenditure of ITB in 2016-17 is about $43.4 million.   Regarding the augmentation of I&T talent pool, we will supervise, with our existing manpower and resources, the relevant work carried out by the departments under our purview.   A breakdown of the expenditure is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6288)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                          (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the estimated expenditure involved and manpower required for encouraging collaboration among institutions in innovation and technology development in 2016-17?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 208)

Reply:

One of the work priorities of the Innovation and Technology Bureau ("ITB") is to encourage the collaboration and co-operation among various innovation and technology institutions.   The ITB will proactively strengthen the ties with various stakeholders in the Government, industry, academic and research sectors, including the relevant Government policy bureaux and departments, research and development centres, universities, Hong Kong Science and Technology Parks Corporation, Cyberport, Hong Kong Productivity Council, etc.   We will revisit the work priorities and interactions of the various institutions to ensure that the institutions can make good use of their resources, complement each other and create synergy, with a view to developing the innovation and technology industry of Hong Kong in unison.

The overall estimated expenditure of ITB for 2016-17 is about $43.4 million.   The work of encouraging the collaboration among institutions will be carried out by existing manpower. A breakdown on the expenditure is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4244)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Innovation and Technology Bureau will promote the adoption of innovation and technology in assisting to address social issues. What are the estimated expenditure, staffing arrangement and details of the work? What specific social issues will it aim to address?

Asked by: Dr Hon LAM Tai-fai (Member Question No. 40)

Reply:

One of the work priorities of the Innovation and Technology Bureau ("ITB") is to promote the adoption of innovation and technology in addressing social issues, such as serving the elderly and underprivileged groups through the use of technologies to address the issue of an ageing population and promote healthy ageing. Through the Innovation and Technology Fund, the Government will continue to support research and development ("R&D") centres in applying their R&D outcomes in public sector organisations. The Government will also continue to promote digital inclusion to assist the underprivileged groups in using information technology.

Besides, the Government has set aside $500 million for setting up an Innovation and Technology Fund for Better Living, to be spearheaded by ITB to finance projects that make use of innovation and technology to improve the people's daily life. The operation details of the Fund are still being worked out. We plan to consult the relevant Legislative Council ("LegCo") panel in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.

The overall estimated expenditure of ITB for 2016-17 is about $43.4 million. The Innovation and Technology Fund for Better Living will be administered by 6 non-directorate officers.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0798)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                              (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please inform the Committee about the measures to be taken by the Government to help young people join and understand the innovation and technology industry in 2016-17. What is the expenditure involved and what are the details?

Asked by: Hon Emily LAU Wai-hing (Member Question No. 17)

Reply:

In 2016-17, we will continue to promote, through various measures, innovation and technology development among different groups of the community, especially the youth, with a view to attracting young people to join the innovation and technology industry. These measures include the Technology Start-up Support Scheme for Universities, the Internship Programme, the Enriched IT Programme in Secondary Schools, the Innotech Month and the International IT Fest.

The estimated overall expenditure of the Innovation and Technology Bureau in 2016-17 is $43.4 million. We do not have the breakdown regarding expenditure on the work of facilitating young people to join and understand more about the innovation and technology industry.

- End -

Reply Serial No.

ITB029

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0801)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please inform the Committee of the measures to be taken by the Government to help the ethnic minorities know more about the issues related to innovation and technology industry in 2016-17. What is the expenditure involved and what are the details?

Asked by: Hon Emily LAU Wai-hing (Member Question No. 20)

Reply:

In 2016-17, we will continue to promote, through various measures, innovation and technology development among different groups of the community (including the ethnic minorities). These measures include digital inclusion and promotional activities such as the Innotech Month and the International IT Fest.

The estimated overall expenditure of the Innovation and Technology Bureau in 2016-17 is about $43.4 million. We do not have the breakdown regarding expenditure on the work of facilitating the ethnic minorities to know more about the innovation and technology industry.

- End -

Reply Serial No.

ITB030

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4398)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (1) Director of Bureau's Office

Controlling Officer: Permanent Secretary for Innovation and Technology
                          (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide a detailed breakdown of the post titles, staff establishment and estimated expenditure for the Director of Bureau's Office in 2016-17.

Asked by: Hon Alan LEONG Kah-kit (Member Question No. 55)

Reply:

In 2016-17, in addition to the positions of the Secretary, the Under Secretary and the Political Assistant, there are 7 civil service posts, namely 1 Administrative Officer Staff Grade C, 1 Chief Information Officer, 1 Personal Assistant, 1 Senior Personal Secretary, 1 Personal Secretary I, 1 Executive Officer I and 1 Personal Chauffeur under the establishment of the Director of Bureau's Office of the Innovation and Technology Bureau. The annual estimated expenditure of the Director of Bureau's Office for 2016-17 is about $14.7 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4399)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please set out the targets to be overseen, the objectives of the projects to be overseen and their current progress, and the key performance indicators for the projects to be overseen regarding the work of the Innovation and Technology Bureau in 2016-17 to oversee:

(1)   the further enhancement of public Wi-Fi services,

(2)   the drawing up of the digital framework and technical standards for smart city development,

(3)   the preparation for establishing a funding scheme for University Grants Committee-funded institutions to carry out more theme-based mid-stream and translational research, and

(4)   the preparation for establishing a funding scheme for co-investing with private funds on a matching basis for investment in technology start-ups.

Asked by: Hon Alan LEONG Kah-kit (Member Question No. 57)

Reply:

The required information is provided below:

(1)   The Government has earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling the number of hotspots from the current 17 000 to 34 000 within 3 years.   The Office of the Government Chief Information Officer ("OGCIO") together with other relevant departments will provide, through a public-private partnership approach, additonal Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport

interchanges and land boundary control points, etc., to offer free public Wi-Fi service. At the same time, OGCIO also plans to offer free Wi-Fi service in all youth service centres and study rooms run by the Government and non-profit-making organisations in Hong Kong.

We will consult the relevant Legislative Council ("LegCo") panel on the details of the project, including the required manpower and expenditure, in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.

(2) In 2016-17, OGCIO will engage a consultant to formulate the digital framework and technical standards of a "smart city" suitable for Hong Kong, laying the foundation for smart city development.

We will consult the relevant LegCo panel on the details of the project, including the required manpower and expenditure, in the second quarter of 2016.

(3) We have proposed an additional injection of $2 billion into the Innovation and Technology Fund ("ITF") to set up a Midstream Research Programme for Universities, to be managed by the Innovation and Technology Commission ("ITC"), to promote theme-based research in key technology areas by University Grants Committee-funded universities using investment income.   We will set specific research topics such as smart city, ageing population, etc. and encourage the institutions to explore technologies which address those issues.

Specific details of the project will be finalised later.   We plan to consult the relevant LegCo panel in the second quarter of 2016 and then seek funding approval from the LegCo Finance Committee.

(4) The Government has earmarked $2 billion for setting up an Innovation and Technology Venture Fund ("ITVF") to be managed by the ITC. The ITVF will co-invest with selected private venture capital funds in Hong Kong's innovation and technology start-ups on a matching basis at an investment ratio of about 1 to 2.

The Government will finalise the operational details of ITVF later, including the criteria for selecting private venture capital funds and terms and conditions of investment caps, etc.   We plan to consult the relevant LegCo panel in the second quarter of 2016 and then seek funding approval from the LegCo Finance Committee.

We will maintain close contact with the relevant stakeholders on these measures to explore, inter alia, the formulation of key performance indicators.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4400)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

In 2016-17, the Innovation and Technology Bureau will "prepare for the establishment of a funding scheme for financing projects that make use of innovation and technology to improve Hong Kong people's daily life".   Please set out the details of the funding scheme, the current progress of its preparation, the work schedule and the estimated amount of funding.

Asked by: Hon Alan LEONG Kah-kit (Member Question No. 58)

Reply:

In 2016-17, the Government has earmarked $500 million to set up an Innovation and Technology Fund for Better Living ("the Fund"), to be spearheaded by the Innovation and Technology Bureau ("ITB") to finance projects that make use of innovative ideas and technologies to improve people's daily life.

We are now studying the operation details of the Fund.   We plan to consult the relevant Legislative Council ("LegCo") panel in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4401)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                       (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please set out the targets to be monitored, the objectives of the projects to be monitored and their current progress, and the key performance indicators for the projects to be monitored regarding the work of the Innovation and Technology Bureau in 2016-17 to monitor:

(1)   the implementation of the expansion plan of the Hong Kong Science Park;

(2)   the implementation of the new Industrial Estate policy; and

(3)   Cyberport's enhanced support to information and communication technology start-ups.

Asked by: Hon Alan LEONG Kah-kit (Member Question No. 59)

Reply:

The required information is provided below:

(1)   To tie in with the development of innovation and technology ("I&T"), the Hong Kong Science and Technology Parks Corporation ("HKSTPC") plans to expand the Hong Kong Science Park ("HKSP") in phases. Stage 1 of the expansion programme involves the construction of 2 building blocks (14-storey and 15-storey respectively) on the vacant western corner of the HKSP Phase 3 site and the existing transport terminus (covering about 1.18 hectares). They will provide additional floor area of 70 000 m^2 for use by start-ups and other technology companies. The development cost of the expansion programme is estimated at $4.4 billion. Subject to the funding approval of the Legislative Council ("LegCo") within this legislative year, construction work will commence in the second half of 2016 and is expected to be completed in 2020.

(2) To promote "re-industrialisation", the Government and HKSTPC have revised the industrial estate policy to give priority to I&T industries.   In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users instead of granting the sites to single users for building their own factories except under special circumstances.   The HKSTPC is planning for 2 pilot projects for developing high-efficiency multi-storey buildings in the Tseung Kwan O Industrial Estate with an estimated development cost of around $8.2 billion.   The HKSTPC is now carrying out a detailed study on the financial arrangements and economic case of the projects, including the expected number of employment expected to be created.   It is expected that the relevant study will be completed in the first half of 2016 and we will submit the corresponding funding proposal to LegCo.   Subject to funding approval of LegCo within this legislative year, the first building is expected to be completed in 2020 at the earliest while the entire project will be completed around 2021-22.

In addition to the pilot projects on developing specialised multi-storey industrial buildings using the remaining space in the industrial estates, HKSTPC is also negotiating with factory operators to request them to surrender the unused plot ratios and encourage them to surrender premises which have not been fully utilised.

(3) The Cyberport will allocate $200 million from its internal reserve to set up the Cyberport Macro Fund for investment in its information and communication technology start-ups and help them attract more investments.   The Board of Directors of Cyberport has set up a task force to work out the details, including its mode of operation, manpower deployment, estimated expenditure, etc.   The new fund is expected to be rolled out in the second half of 2016.

We will maintain close contact with the relevant stakeholders on these measures to explore, inter alia, the formulation of key performance indicators.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4402)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                            (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

During 2016-17, the Innovation and Technology Bureau will "examine policy issues and co-ordinate the Government's efforts in promoting innovation and technology".

Regarding examination of policy issues, please set out details of the projects, the work plan for this year, the current progress, the work schedule and the number of staff involved.

Regarding "co-ordination of the Government's efforts in promoting innovation and technology", please set out details of the specific work, the work plan for this year, the names of units involved in the co-ordination, the current progress, the work schedule and the number of staff involved.

Asked by: Hon Alan LEONG Kah-kit (Member Question No. 60)

Reply:

The Innovation and Technology Bureau ("ITB") is responsible for formulating holistic innovation and technology ("I&T") policies, thereby fostering the development of I&T and related industries in Hong Kong.   We have earlier put forth nine work priorities.   They include encouraging private investments in research and development ("R&D") activities; encouraging investments in technology start-ups; studying the digital framework and technical standards for smart city development; big data policy; and nurturing I&T talents. Each area of work has already commenced.

The 2016 Policy Address has put forward a number of I&T initiatives and invested a considerable amount of resources.   These initiatives include setting up a $2 billion Innovation and Technology Venture Fund, a $2 billion Midstream Research Programme for Universities, a $500 million Innovation and Technology Fund for Better Living and a $200 million Cyberport Macro Fund.   The 2016-17 Budget has also put forward a number of initiatives for the industry.   They include a $500 million Pilot Technology Voucher

Programme, increasing the level of cash rebate under the R&D Cash Rebate Scheme to 40%, extending the Public Sector Trial Scheme, and increasing the allowances of the Internship Programme.   The ITB is actively undertaking these new initiatives to expedite the I&T development in Hong Kong.

On co-ordinating I&T development, ITB will foster collaboration among all I&T institutions.   The ITB will proactively strengthen the ties with various stakeholders in the Government, industry, academic and research sectors, including the relevant Government policy bureaux and departments, R&D centres, universities, Hong Kong Science and Technology Parks Corporation, Cyberport, Hong Kong Productivity Council, etc.   We will revisit the work priorities and interactions of these institutions so as to ensure that they can make good use of their resources, complement each other and create synergy, with a view to developing the I&T industry of Hong Kong in unison.

The total estimated expenditure of ITB in 2016-17, including the costs of creating 12 non-directorate posts, is around $43.4 million.   The work relating to I&T policy studies and coordination will be carried out using available manpower and resources.   A breakdown of the expenditures is not available.

- End -

Reply Serial No.

ITB035

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4423)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme: (1) Director of Bureau's Office

Controlling Officer: Permanent Secretary for Innovation and Technology
                  (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

1)   Please set out in table form the duty visits made by the politically appointed officials of the Bureau since the current-term Government took office, including the destination, purpose and programme of each visit, a list of the politically appointed officials in the entourage, the number of civil servants in the entourage and the total expenditure.

2)   Please set out in table form the dates of vacation leave taken by the politically appointed officials of the Bureau since the current-term Government took office, and whether they were outside Hong Kong during their leave.

Asked by: Hon Alan LEONG Kah-kit (Member Question No. 86)

Reply:

The information required is provided below:

1)   Details of the duty visits made by the politically appointed officials of the Innovation and Technology Bureau since its establishment on 20 November 2015 are as follows:

Place of visit (no. of visits)	Purpose and programme of visit	Politically appointed officials who made the visit	Size of entourage	Total expenditure
Wuzhen and Hangzhou of Zhejiang Province, and Beijing (as at 29 February 2016) (2 visits)	To attend meetings and events, and conduct exchanges (e.g. attending the World Internet Conference and meeting government officials and local bodies)	Secretary for Innovation and Technology	0-2 for each visit	About HK$47,000

2)   The politically appointed officials of this Bureau did not take any vacation leave during the above period.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2777)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

The provision under Programme (2) for 2016-17 is $28.7 million.   Will the Government provide information on:

1. how the provision will be used to promote "re-industrialisation" and the amount of resources to be allocated to smart production and high value-added industries respectively; and

2. how the effectiveness of the policy will be measured and how a clear and long-term timetable about "re-industrialisation" will be drawn up.   If yes, what are the details. If no, what are the reasons?

Asked by: Hon Andrew LEUNG Kwan-yuen (Member Question No. 26)

Reply:

"Re-industrialisation" refers to the development of high value-added industries and manufacturing processes which make use of smart production, data analysis and Internet of Things but do not require substantial land resources.   It is an integral part of Hong Kong's development into a technology-based economy.

To promote "re-industrialisation", the Government and the Hong Kong Science and Technology Parks Corporation ("HKSTPC") have revised the industrial estate policy by recruiting innovation and technology industries as priority.   In the future, the HKSTPC will build and manage designated multi-storey industrial buildings for leasing to multiple users.   Except in special circumstances, no land will be allocated to a single user to build its own industrial plant.   The HKSTPC plans to carry out 2 pilot projects on high-efficiency multi-storey industrial buildings in Tseung Kwan O Industrial Estate at an estimated total cost of about $8.2 billion.   It is studying in detail the financial arrangements

and economic benefits of the projects, including the estimated employment opportunities to be brought about. It is expected that the study will be completed in the first half of 2016 and funding proposal will then be submitted to the Legislative Council. As smart production and high value-added industries are correlated in the process of "re-industrialisation", it is hard to provide a breakdown of resource allocation for these 2 areas.

Apart from the pilot projects of developing designated multi-storey industrial buildings in the remaining space of industrial estates, the HKSTPC is also negotiating with individual factory operators to request them to surrender the unused plot ratio and encourage them to surrender premises which have not been fully utilised. Through these measures, the HKSTPC will be able to better utilise the existing land in industrial estates. Regarding the sites for new industrial estates, as announced in the 2016 Policy Address, the Government will identify sites near the Liantang/Heung Yuen Wai Boundary Control Point for the development of the Science Park and industrial estates. The Planning Department will conduct a preliminary planning study in this respect.

We will discuss the issue with different stakeholders and conduct a timely review of the effectiveness of the policy in the light of factors such as the number and type of enterprises benefiting from the above measures and the quality of their products.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5235)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme: (1) Director of Bureau's Office, (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                               (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please advise this Committee, in tabular form, on the estimated expenditure in respect of the following posts in 2016-17, with information on staff establishment, ranks, salaries and relevant allowances for directorate officers, as well as the amount of personnel related expenses:

Under Secretary for Innovation and Technology
Administrative Assistant to Secretary for Innovation and Technology
Press Secretary to Secretary for Innovation and Technology
Political Assistant to Secretary for Innovation and Technology
Executive Officer (Principal Official's Office)
Permanent Secretary for Innovation and Technology
Deputy Secretary for Innovation and Technology

Asked by: Hon LEUNG Kwok-hung (Member Question No. 2060)

Reply:

The requested information is provided as follows:

Relevant post	Rank	Estimated Expenditure on Personal Emoluments[1] ($ '000)	Total Expenditure on Personnel Related Expenses[2] ($ '000)
Under Secretary for Innovation and Technology (1)	Not Applicable	13,668	36
Political Assistant to Secretary for Innovation and Technology (1)	Not Applicable		
Administrative Assistant to Secretary for Innovation and Technology (1)	Administrative Officer Staff Grade C		
Press Secretary to Secretary for Innovation and Technology (1)	Chief Information Officer		
Executive Officer (Principal Official's Office) (1)	Executive Officer I		
Permanent Secretary for Innovation and Technology (1)	Administrative Officer Staff Grade A1		
Deputy Secretary for Innovation and Technology (1)	Administrative Officer Staff Grade B		

Note: 1. Personal emoluments include salaries and allowances.
2. Personnel related expenses include Mandatory Provident Fund contribution.
Figures in (   ) denote the numbers of posts.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0411)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is stated in paragraph 65 of this year's Budget that "Entrepreneurship is not exclusive to the young.   Older people with societal experience and professional expertise can join the ranks of entrepreneurs to bring forth new possibilities by applying creativity and technology".   It tries to change an established concept in our society that entrepreneurship is exclusive to the young.   With regard to encouraging older people with societal experience and professional expertise to join the ranks of entrepreneurs, will the Government inform this Committee of:

1.   the details of work for encouraging older people with societal experience and professional expertise to join the ranks of entrepreneurs in the past 3 years, and the expenditure and staffing establishment involved;

2.   the age distribution of local start-up entrepreneurs in the past 3 years, and whether the numbers of start-up entrepreneurs in the age groups of 55-59, 60-64, and 65 or above are considered meeting targets; and

3.   the details of work for encouraging older people with societal experience and professional expertise to join the ranks of entrepreneurs in the coming 3 years, and the expenditure and staffing establishment to be involved in 2016-17?

Asked by: Dr Hon Priscilla LEUNG Mei-fun (Member Question No. 1)

Reply:

We have put in place various measures to encourage aspiring entrepreneurs (regardless of age) to venture into innovation and technology.   These measures, designed to provide support to technology start-ups, include incubation programmes of the Hong Kong Science and Technology Parks Corporation ("HKSTPC") and Cyberport, the Innovation and

Technology Fund, the HKSTPC's Corporate Venture Fund, the Cyberport Creative Micro Fund, as well as the funding schemes of universities.

The 2016 Policy Address proposed that a $2 billion Innovation and Technology Venture Fund be set up for co-investment in technology start-ups with private venture capital funds on a matching basis. In addition, the Cyberport will allocate $200 million to launch a Cyberport Macro Fund for investment in its information and communication technology start-ups.

We consider that the above measures should benefit anyone who aspires to entrepreneurship and have thus set no age limit for them.

We do not have the relevant statistics on the information requested by the Member.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0413)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                               (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is stated in paragraph 65 of this year's Budget that "Entrepreneurship is not exclusive to the young.   Older people with societal experience and professional expertise can join the ranks of entrepreneurs to bring forth new possibilities by applying creativity and technology".   As the population of Hong Kong is ageing rapidly in the coming 20 years, it is necessary to promote the development of "silver hair economy", and one approach is to encourage retirees to rejoin the workforce or start their own businesses for developing a second career.   With regard to the work of encouraging retirees to rejoin the workforce or start their own businesses, will the Government inform this Committee:

1.   of the funding schemes currently available for application by those who wish to start their own businesses, and whether such schemes have imposed age restrictions on applicants;

2.   whether any target numbers of application have been set for such schemes in respect of applicants in the age groups of 55-59, 60-64, and 65 or above; if yes, to what extent have the targets been met in the past 3 years; if no, of the reasons, and whether consideration will be made to setting similar targets; and

3.   of the work done in the past 3 years for encouraging retirees to rejoin the workforce or start their own businesses for developing a second career and the expenditure involved, and the details of the work plan for the coming 3 years and the related expenditure in 2016-17?

Asked by: Dr Hon Priscilla LEUNG Mei-fun (Member Question No. 2)

<u>Reply</u>:

We have put in place various measures to encourage aspiring entrepreneurs (regardless of age) to venture into innovation and technology. These measures, designed to provide support to technology start-ups, include incubation programmes of the Hong Kong Science and Technology Parks Corporation ("HKSTPC") and Cyberport, the Innovation and Technology Fund, the HKSTPC's Corporate Venture Fund, the Cyberport Creative Micro Fund, as well as the funding schemes of universities.

The 2016 Policy Address proposed that a $2 billion Innovation and Technology Venture Fund be set up for co-investment in technology start-ups with private venture capital funds on a matching basis. In addition, the Cyberport will allocate $200 million to launch a Cyberport Macro Fund for investment in its information and communication technology start-ups.

We consider that the above measures should benefit anyone who aspires to entrepreneurship and have thus set no age limit for them.

We do not have the relevant statistics on the information requested by the Member.

– End –

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0345)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:
Following the establishment of the Innovation and Technology Bureau, has the Government adopted any specific measures and mapped out a timetable in response to the strong demands of the technology industry for the early formulation of a long-term strategy of innovation and technology development in Hong Kong so as to promote "the commercialisation of technological achievements, industrialisation of products, and internationalisation of industries"? If yes, what are the details; if no, what are the reasons?

Asked by: Ir Dr Hon LO Wai-kwok (Member Question No. 8)

Reply:
To promote sustained and diversified social and economic development, the Government of the Hong Kong Special Administrative Region is determined to develop the local innovation and technology industries, in order to drive the upgrading and transformation of our overall economic structure, thereby enhancing Hong Kong's competitiveness and improving the quality of life of our people. The Innovation and Technology Bureau ("ITB") is responsible for formulating holistic innovation and technology policies, thereby fostering the development of innovation and technology and related industries in Hong Kong. We have earlier proposed 9 work priorities, including promoting "re-industrialisation", encouraging investment in start-ups, etc. Each area of work has already commenced.

In addition, the 2016 Policy Address and 2016-17 Budget have put forth a number of industry-specific measures to promote the development of innovation and technology, and have invested a considerable amount of resources for implementing the relevant measures. These include launching a $2 billion Midstream Research Programme for Universities and setting aside $50 million to extend the Public Sector Trial Scheme, etc. These measures are conducive to the commercialisation and industrialisation of research and development results. The ITB will actively take forward the various new measures to expedite the development of innovation and technology in Hong Kong.

- End –

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1679)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                                       (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget that the Government has earmarked $500 million to set up an Innovation and Technology Fund for Better Living to encourage different sectors to apply innovation and technology to improve the quality of living.   In this connection, will the Government advise us of:

(1)   the specific details of the work for 2016-17, the relevant timetable, manpower involved, operating expenditure of the fund and the estimated annual provision; and

(2)   the eligibility of the proposed scheme, its scope of application, the maximum amount of grant and the estimated number of successful applications per year?

Asked by: Hon Charles Peter MOK (Member Question No. 34)

Reply:

In 2016-17, the Government has earmarked $500 million to set up an Innovation and Technology Fund for Better Living ("the Fund"), to be spearheaded by the Innovation and Technology Bureau ("ITB") to finance projects that make use of innovative ideas and technologies to improve people's daily life.

We are now studying the operation details of the Fund, including application procedures, vetting criteria and forms of funding support, etc.   We plan to consult the relevant Legislative Council ("LegCo") panel in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.

In addition to the existing manpower, we plan to create 6 non-directorate posts under Programme (2) to support the relevant work.   The total annual salary cost is around $4 million.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3467)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme: (1) Director of Bureau's Office

Controlling Officer: Permanent Secretary for Innovation and Technology (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide in table form details of the overseas and local duty visits made by the Secretary for Innovation and Technology in 2015-16, including the date of visit, place of visit, purpose and major itinerary, number of officials from the Office of the Secretary for Innovation and Technology in the entourage, hotel accommodation expenses, transportation expenses, other expenses and total expenditure.

Asked by: Hon Charles Peter MOK (Member Question No. 29)

Reply:

Details of overseas duty visits made by the Secretary for Innovation and Technology since the establishment of the Innovation and Technology Bureau on 20 November 2015 are as follows:

Date of visit (no. of visits)	Place of visit	Purpose and programme of visit	Size of entourage	Passage expenses (A)	Hotel expenses (B)	Other expenses [Note] (C)	Total expenditure (A)+(B)+(C)
2015-16 (as at 29 February 2016) (2 visits)	Wuzhen and Hangzhou in Zhejiang Province, and Beijing	To attend meetings and events, and conduct exchanges (e.g. attending the World Internet Conference and meeting with government officials and local bodies)	0-2 for each visit	About HK$31,000	About HK$9,000	About HK$7,000	About HK$47,000

Note: Other expenses include subsistence allowance.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3468)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                          (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is stated in Programme (2) that during 2016-17, the Innovation and Technology Bureau will "examine policy issues and co-ordinate the Government's efforts in promoting innovation and technology". Please inform this Council of the progress of formulating the key performance indicators, as well as the work plans, timetable and the manpower and resources required in 2016-17.

Asked by: Hon Charles Peter MOK (Member Question No. 30)

Reply:

Since its establishment in November last year, the Innovation and Technology Bureau has put forth 9 work priorities. They are all very important and are not listed in order of priority. We are now actively engaging with stakeholders in the formulation of key performance indicators. The 2016 Policy Address and the 2016-17 Budget have put forward a series of specific measures in promoting the development of innovation and technology. We are looking into the details of these measures, including timetable, manpower deployment, resources, etc. We will consult the relevant panels of the Legislative Council on these measures as soon as possible.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3469)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                    (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

As stated in Programme (2), the Innovation and Technology Bureau will "examine policy issues and co-ordinate the Government's efforts in promoting innovation and technology" during 2016-17. Regarding studies conducted by consultancy firms or research institutes commissioned by the Innovation and Technology Bureau and the departments under its purview for the purpose of formulating and assessing policies, please set out their details and estimated provisions in the following format.

Commencement date of the study	Title of the study	Content and objective	Progress (under planning /in progress/completed)	Name of consultant	Mode of award (tender/quotation/others) (please specify)	Expenditure ($)

Asked by: Hon Charles Peter MOK (Member Question No. 31)

Reply:

Regarding studies conducted by consultancy firms and research institutes commissioned by the Innovation and Technology Bureau and the departments under its purview for the purpose of formulating and assessing policies during 2016-17, their details and estimated provisions are set out as follows:

Commencement date of the study	Title of the study	Content and objective	Progress (under planning / in progress / completed)	Name of consultant	Mode of award (tender/ quotation/ others) (please specify)	Expenditure ($)
Expected to commence in the second half of 2016	Study on Promoting the Use of Digital Certificates and	Content To explore ways to boost demand for digital	Under planning	-	Tender	Subject to tender results

	Institutional Arrangements for Public Certification Authority Service	certificates for e-commerce and e-government as well as the institutional arrangements for public certification authority service. The study will also look into mobile technologies which may help improve the use of digital certificates. <u>Objective</u> To create a secure and reliable infrastructure for the development of e-commerce and smart city.				
Expected to commence in the second half of 2016	Study on the Development of Hong Kong as a Smart City	<u>Content</u> To study the requisite information technology infrastructure in developing smart city in Hong Kong and formulate digital framework and identify standards for adoption. To study initiatives for development of smart city. To recommend smart city initiatives and trial schemes with timeframe and priority. <u>Objective</u> To develop a broad and long-term blueprint for building Hong Kong into a smart city.	Under planning	-	Tender	Subject to tender results

- End -

Reply Serial No.

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5283)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Would the Government inform this Committee of the following:

(1)   How many additional civil service Information Technology (IT) posts were applied by the Innovation and Technology Bureau from the Civil Service Bureau (CSB) over the past 3 years?   How many of these posts applied were approved by the CSB (please list by department, year and post title)?

(2)   What were the justifications of the CSB if application requests of such IT posts were revised or rejected?

Asked by: Hon Charles Peter MOK (Member Question No. 57)

Reply:

(1)   Since the establishment of the Innovation and Technology Bureau on 20 November 2015, there is no addition of civil service IT posts.

(2)   Because of the reason stated in (1), cases on applications being revised or rejected do not exist.

- End -

Examination of Estimates of Expenditure 2016-17

Reply Serial No.

ITB046

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5303)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

In respect of the public relations expenditure of government departments, please inform this Committee of the following:

(1) the total expenditure of the Innovation and Technology Bureau for publishing advertisements, sponsored content or advertorials in newspapers registered under the Registration of Local Newspapers Ordinance in the past year as well as the relevant details:

Date of publish (Day/Month/Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Name of media organisation and newspaper	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)

(2) the expenditure of the Innovation and Technology Bureau for sponsoring local free-to-air television stations, paid television stations and radio stations to provide information and produce programmes or materials in the past year as well as the relevant details:

Date of broadcast (Day/Month/Year)	Status (one-off/ ongoing/ done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Media organisation	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)

(3) the media organisations which published or broadcast advertisements/sponsored content of the Innovation and Technology Bureau in the past 3 years, as well as the frequency and the total expenditure involved (in descending order of amount spent):

Name of media organisation	Frequency	Total expenditure ($)

 (4) the websites/network platforms on which the Innovation and Technology Bureau published online advertisements/sponsored content in the past 3 years, as well as the frequency, the duration (days) and the total expenditure involved (tabulated in descending order of amount spent):

Website/ network platform	Content of advertisement	Frequency	Duration (days)	Hit rate, frequency of exposure and number of viewers	Total expenditure ($)

Asked by: Hon Charles Peter MOK (Member Question No. 77)

Reply:

Since its establishment on 20 November 2015, the Innovation and Technology Bureau has not:

(1) published advertisements or sponsored content in newspapers;
(2) sponsored local television stations and radio stations to provide information or produce programmes;
(3) published or broadcast advertisements/sponsored content in media organisations; and
(4) published online advertisements/sponsored content on websites/network platforms.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5323)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: Not specified

Controlling Officer: Permanent Secretary for Innovation and Technology
                       (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

(1)   Please tabulate the details concerning the social media platforms set up and run by the Innovation and Technology Bureau and its subvented organisations (including outsourced contractors or consultants) in 2015-16 (as at 29 February 2016).

Commencement Date (month/ year)	Status (updating/ ceased updating)	Bureau/ subvented organisations	Name	Social media platforms	Purpose of establishment and contents	No. of "likes"/ subscribers/ average monthly visits	Regular compilation of summary of comments and follow-up (yes/no)	Average no. of posts per day and average no. of interactions per post (total no. of "likes", comments and shares)	Ranks and no. of officers responsible for the operation.	Expenditure for setting up the platforms and daily operational expenses

(2)   Please provide the number of deleted messages and blocked accounts on the above social media platforms.

Asked by: Hon Charles Peter MOK (Member Question No. 97)

Reply:

(1)   The Innovation and Technology Bureau (ITB) has not set up any social media platform since its establishment on 20 November 2015.

(2)   In view of (1) above, there is no deleted message or blocked account.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5743)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
                                (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

(1)   Please provide, in table form, the number of requests for information under the Code on Access to Information received by the Innovation and Technology Bureau and its subvented organisations in 2015-16 as well as the relevant details:

Bureau/ Department/ Organisation	Number of requests received	Information involved (items)	Number of requests being handled	Number of requests in which all information was provided	Number of requests in which some information was provided	Average number of days taken to handle the requests (working days)

(2)   the 3 types of information most frequently requested by the public and the number of such requests;

(3)   the 5 requests for information which took the longest time to handle, the number of days taken to handle such requests and the reasons; and

(4)   the content of the requests refused, the reasons for the refusal and the number of requests for reviews lodged by the public.

Asked by: Hon Charles Peter MOK (Member Question No. 178)

<u>Reply</u>:

The information requested is provided as follows:

Since the establishment of the Innovation and Technology Bureau on 20 November 2015 and up to 29 February 2016, 1 request for information was made under the Code on Access to Information (the Code).   As the requested information concerned an officer's personal data, we did not accede to the request by virtue of paragraphs 2.15 and 2.5 of the Code. The case was handled within 10 days.   As at 29 February 2016, there was no outstanding request.   Moreover, no request for internal review was received during the above period regarding handling of that case.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2431)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                               (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please list the measures currently adopted by the Government to promote co-operation between Hong Kong and the Mainland and overseas countries in the area of innovation and technology.   What are the financial and manpower resources involved, and how is the co-operation going?   Moreover, what policies and measures are adopted for the study and adoption of information and communications technology-related standards applicable to both places, and what is the progress?   What are the financial and manpower resources involved?

Asked by: Dr Hon Elizabeth QUAT (Member Question No. 7)

Reply:

The Innovation and Technology Bureau ("ITB") is committed to promoting collaboration between Hong Kong and the world's top-notch scientific research institutes.   For example, the Karolinska Institutet of Sweden and the Massachusetts Institute of Technology of the United States are setting up in Hong Kong their first overseas research base on Innovation Node.   As regards collaboration with scientific research institutes in the Mainland, the Government will continue to provide $110 million each year to support the work of 16 Partner State Key Laboratories and 6 Hong Kong Branches of Chinese National Engineering Research Centres.

On developing information and communications technology standards in Hong Kong and the Mainland, the Office of the Government Chief Information Officer and the Economic and Information Commission of Guangdong Province have set up in January 2016 the Hong Kong/Guangdong Information and Communications Technology Expert Committee to promote the development and adoption of technologies, e.g. cloud computing, big data, Internet of Things and Smart City.   The Committee will also work on the formulation of standards and guidelines in the said technical areas that are applicable to both places.

The overall estimated expenditure of ITB in 2016-17 is about $43.4 million. On promoting co-operation between Hong Kong and the Mainland and overseas countries in the area of innovation and technology, including information and communications technology-related standards, the work will be carried out jointly with the department under our purview with existing manpower and resources. A breakdown of the expenditure is not available.

- End –

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2462)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government has earmarked $500 million to set up an Innovation and Technology Fund for Better Living to encourage different sectors to apply innovation and technology to improve the quality of living. In this connection, please advise the following information :

(a) the targets of the Fund; whether it will encourage the institutions having relevant capacity on science and research, such as private science and research institutes and universities, to cooperate with those nonprofit human-serving sector to develop intelligent home care equipment;

(b) whether it had assessed the time that the fund would be used up; if yes, please provide details; what are the criteria to measure the effectiveness of the fund; whether it will consider injecting additional funds if it found effective?

Asked by: Hon Abraham SHEK Lai-him (Member Question No. 32)

Reply:

The Government has earmarked $500 million to set up an "Innovation and Technology Fund for Better Living" ("the Fund") to provide funding for projects that make use of innovative ideas and technologies to improve people's daily living.

The operation details of the Fund, including application procedures, approval criteria and forms of funding support, etc. are still being worked out.   We plan to consult the relevant Legislative Council panel in the second quarter of 2016 and will then seek funding approval from the Legislative Council Finance Committee.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1995)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme: (1) Director of Bureau's Office

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

According to records, the annual estimate for the Director of Bureau's Office of the Innovation and Technology Bureau in 2016-17 is $14.7 million, which is only second to that of the Environment Bureau.   What are the reasons?   What are the details of the estimate?

Asked by: Hon SIN Chung-kai (Member Question No. 54)

Reply:

The estimated provision for the Director of Bureau's Office of the Innovation and Technology Bureau in 2016-17 is $14.7 million, of which the salaries and allowances for staff amount to $13.92 million and the general departmental expenses to $780,000.   The final figures of these expenses will depend on actual circumstances.

- End -

ITB052

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5046)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary mentioned in paragraph 148 of the 2015-16 Budget Speech that he had "asked all policy bureaux… to achieve more efficient use of resources through re-engineering and re-prioritising" and "launched the '0-1-1' envelope savings programme to reduce operating expenditure by a total of two per cent over the next three financial years. Resources saved will be re-allocated for new services." Please inform this Committee of the implementation of the "0-1-1" envelope savings programme by the Innovation and Technology Bureau in 2015-16, 2016-17 and 2017-18, the services affected by the programme and details of the expenditure involved.

Asked by: Hon SIN Chung-kai (Member Question No. 56)

Reply:

The "0-1-1" envelope savings programme is a fiscal planning tool. The purpose is to encourage bureaux and departments to enhance productivity and effectiveness through re-engineering and re-prioritisation, hence releasing more resources for internal re-distribution for new and improved public services. The work undertaken by the Innovation and Technology Bureau (ITB) in 2015-16 is absorbed by its existing manpower. For 2016-17 and 2017-18, provision has been earmarked for the ITB to increase manpower for the implementation of the Innovation and Technology Fund for Better Living as well as provision of policy and administrative support.

- End -

Reply Serial No.

ITB053

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0822)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                        (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the specific arrangements of the Innovation and Technology Bureau in 2016-17 regarding the preparation for establishing a funding scheme for the use of innovation and technology to improve Hong Kong people's daily life?   What is the expected time when the funding scheme is formally launched?   What are the specific operational details of the funding scheme?

Asked by: Hon TAM Yiu-chung (Member Question No. 20)

Reply:

In 2016-17, the Government has earmarked $500 million to set up an Innovation and Technology Fund for Better Living ("the Fund"), to be spearheaded by the Innovation and Technology Bureau ("ITB") to finance projects that make use of innovative ideas and technologies to improve people's daily life.

We are now studying the operation details of the Fund.   We plan to consult the relevant Legislative Council ("LegCo") panel in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2376)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                         (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

One of the main responsibilities of the Innovation and Technology Bureau is to "formulate policies to support the use of local technology products and services".   Will the Government set an example by taking the lead in procuring local technology products and services?   If so, what are the details and expenditure involved?   Will such policies constitute a violation of relevant procurement principles and parameters of the Government?

Asked by: Hon Michael TIEN Puk-sun (Member Question No. 37)

Reply:

The Government's procurement policy is to conduct procurement in the most cost−effective manner through open, fair and competitive processes. We do not favour or discriminate against any suppliers. However, having regard to the Agreement on Government Procurement of the World Trade Organisation, the Government has taken the following measures to encourage local small and medium enterprises ("SMEs") to bid for government information technology ("IT") projects:

(a)   where practicable and without affecting the overall project, breaking a large-scale project down into multiple projects of manageable sizes and awarding contracts in phases so that SMEs can have more opportunities to participate;

(b)   avoiding awarding to the same tenderer as far as possible for tender involving more than one contract so as to assist other SMEs in bidding for government tenders;

(c)   setting up specific service groups under the Standing Offer Agreement for Quality Professional Services for bureaux and departments to acquire IT professional services with contract value not exceeding HK$1.43 million;

(d)   providing more government IT project information to the market (for example, launching e-Procurement service to improve potential tenderers' efficiency and reduce their effort in preparing tender submission; promoting their products and services to the Government through the "Government IT Business Window" or "Suppliers Community Portal" on the websites of the Office of the Government Chief Information Officer ("OGCIO"); and publishing the "Quarterly Catalogue of Opportunities for Private Sector Participation" on the website of "Digital 21 Strategy"); and

(e)   reducing the financial burden on potential tenderers (for example, lowering or waiving the tender and contract deposit requirement; and only requiring a performance bond or bank guarantee from a successful tenderer for high-value or complex project contracts if, during financial vetting, the tenderer is unable to supply adequate supporting information about its financial capability to perform its contractual obligations) so as to assist SMEs in participating in government tenders.

The above-mentioned work will be undertaken by existing manpower and resources of OGCIO.   A breakdown of the expenditure is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3215)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                           (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please set out the following information in table form:

(1)   The expenditure incurred by the Innovation and Technology Bureau on publicity on the internet/social media in 2015-16, the manpower involved and the percentage this item accounts for in the total expenditure.   Please provide a breakdown by publicity channel.
(2)   The means to be adopted by the Bureau to assess the effectiveness and value for money of the above initiatives.
(3)   The estimated expenditure to be incurred by the Bureau on the above initiatives in 2016-17 and the manpower to be involved.

Asked by: Hon Michael TIEN Puk-sun (Member Question No. 52)

Reply:

The information requested is provided below:

(1)   Since its establishment on 20 November 2015, the Innovation and Technology Bureau (ITB) has not used internet/social media platforms for publicity activities.
(2)   Because of the reason stated in (1), there is no assessment of the effectiveness of the above initiative.
(3)   In 2016-17, the total estimated expenditure of the ITB is $43.4 million.   The ITB does not have the breakdown of the estimated expenditure for launching publicity on internet/social media platforms.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1293)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: (2) Innovation and Technology

Controlling Officer: Permanent Secretary for Innovation and Technology
                              (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

Established at the end of 2015, the Innovation and Technology Bureau has to implement measures in response to a number of policies in promoting innovation and technology as introduced in the Policy Address, with a view to fostering the development of local technology industries in a holistic manner. Additional resources will be allocated in the 2016-17 Estimates. In this regard, please advise on the following:

(1) Will the increased resources be sufficient enough to cope with the operation of the Office of the Secretary for Innovation and Technology, including conducting policy researches, implementing the expansion plan of the Hong Kong Science Park and the new Industrial Estate policy, as well as promoting smart city development? How will the increased estimated expenditure be allocated? What is the staff establishment with respect to the additional 12 posts?

(2) Has assessment been made on whether there is sufficient local innovation and technology talent to cope with the Bureau's efforts in implementing the policies and initiatives on innovation and technology? If yes, what are the details? If not, what are the reasons? What specific policies or measures will be implemented to nurture local innovation and technology talent and attract innovation and technology talent overseas to return to Hong Kong, thereby promoting the development of innovation and technology industries?

Asked by: Hon Tony TSE Wai-chuen (Member Question No. 11)

Reply:

Following its establishment on 20 November last year, the Innovation and Technology Bureau ("ITB") has immediately announced 9 work priorities. These include promoting "re-industrialisation", attracting the world's top-notch scientific research institutions to collaborate with Hong Kong, supporting the development of technology start-ups,

developing smart city and promoting the use of innovation and technology ("I&T") to address social issues, etc., with a view to fostering I&T development in Hong Kong. The Policy Address and Budget this year also put forth a number of specific measures, including injecting and providing guarantee of a total of about $4.4 billion to the Hong Kong Science and Technology Parks Corporation for the expansion of Science Park; developing two pilot high-efficiency multi-storey building projects in Tseung Kwan O Industrial Estate at an estimated total cost of $8.2 billionin; setting aside $2 billion to set up an Innovation and Technology Venture Fund; earmarking $500 million to progressively expand the coverage of "Wi-Fi.HK" by doubling the number of Wi-Fi hotspots within 3 years; setting aside $500 million to set up an Innovation and Technology Fund for Better Living, etc.

The above measures can help inspire young people and provide them with opportunities to enter the I&T field, as well as attract overseas I&T talents to Hong Kong, thereby augmenting the pool of I&T talent in Hong Kong. To nurture local I&T talent, we will increase the monthly allowances of the Internship Programme and extend the programme to cover the incubatees and small and medium enterprises who are tenants of Cyberport and Science Park, as well as the start-ups to be funded by the Innovation and Technology Venture Fund, with a view to helping more university graduates to enter the I&T field. In addition, the Government has allocated $75 million to launch the Enriched IT Programme in Secondary Schools which will last for 8 years starting from the 2015/16 school year, with a view to nurturing information technology professionals in secondary schools.

The overall estimated expenditure of the ITB in 2016-17 is about $43.4 million, including the expenditure for the creation of 12 non-directorate posts. Half of the staff in these posts will be responsible for administering the Innovation and Technology Fund for Better Living, while the other half will provide policy and administrative support. We will carry out the relevant work with the said manpower and resources jointly with the departments under our purview. A breakdown of the expenditures is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0866)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
                              (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government has earmarked $500 million to set up an Innovation and Technology Fund for Better Living to encourage different sectors to apply innovation and technology to improve the quality of living.

Regarding the Fund, what are the detailed funding arrangements, including the approving authority, shortlisting criteria, funding ceiling, etc.?   What is the expected date of implementation and how can the public be attracted to use the Fund so as to achieve the expected results?

Asked by: Hon WONG Ting-kwong (Member Question No. 18)

Reply:

The Government has earmarked $500 million to set up an Innovation and Technology Fund for Better Living ("the Fund") to provide funding for projects that make use of innovative ideas and technologies to improve people's daily life.

We are studying the operation details of the Fund, including application procedures, approval criteria and forms of funding support.   We plan to consult the relevant Legislative Council ("LegCo") panel in the second quarter of 2016 and will then seek funding approval from the LegCo Finance Committee.   When the Fund is launched, we will seek to attract applications from eligible organisations through publicity programmes.

- End -

Reply Serial No.

ITB058

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0868)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme: Not Specified

Controlling Officer: Permanent Secretary for Innovation and Technology
                        (Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

What is the number of staff required under the Bureau's establishment?   Can the original plan for the Bureau's establishment be fulfilled by increasing 12 posts?   What is the expenditure for the increase of posts?   Is there any plan to increase the number of posts in future?

Asked by: Hon WONG Ting-kwong (Member Question No. 20)

Reply:

There are 4 directorate posts and 27 non-directorate posts in the existing establishment of the Innovation and Technology Bureau (ITB).   The ITB plans to create 12 non-directorate posts in 2016-17, of which 6 are five-year time-limited posts.   These posts are mainly created for strengthening support for the ITB in policy-making and administrative work, and for preparing for the formulation and implementation of new policy measures.   The estimated annual expenditure on salaries of the 12 additional posts for 2016-17 is about $7.17 million.   The ITB has no plan to create other posts for the time being.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1886)

Head: (135) Government Secretariat: Innovation and Technology Bureau

Subhead (No. & title):   (000) Operational expenses

Programme: (1) Director of Bureau's Office

Controlling Officer: Permanent Secretary for Innovation and Technology
(Cheuk Wing Hing)

Director of Bureau: Secretary for Innovation and Technology

Question:

What is the estimated full-year expenditure on salaries of the Secretary for Innovation and Technology and the Political Assistant to Secretary for Innovation and Technology respectively for 2016-17?

Asked by: Hon WONG Yuk-man (Member Question No. 11)

Reply:

The estimated full-year expenditure on salaries of the Secretary for Innovation and Technology and the Political Assistant to Secretary for Innovation and Technology for 2016-17 is $3.58 million and $1.97 million respectively.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1862)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Innovation and Technology Commission (ITC) has all along been organising promotional events for the local technology sector and administers the General Support Programme under the Innovation and Technology Fund to fund projects such as seminars, exhibitions and student technology competitions which help foster an innovation and technology (I&T) culture.   In this connection, please list in tabular form the events, projects and publicity work promoted by the ITC in the past 3 years, as well as the topics, participating guests, target participants, number of participants, and manpower and expenditure involved.

Over the years, Hong Kong has successfully developed a number of innovative technologies and products.   The Government mentions that a locally-developed optical sensing system, which has won numerous international awards, has been in use in many countries and regions to monitor the conditions of tracks, cables and ducts to guard against system irregularities, and reduce the maintenance and operating costs of infrastructural facilities. In this connection, please list in tabular form the number of award-winning locally-developed technology projects in the past 3 years; the research and development (R&D) companies, project types, products, awards, research outcomes involved; the number of R&D projects adopted by the public sector; and the amount of resources to be allocated by the Government in the future to popularise the locally-developed I&T technologies.

Asked by: Hon CHAN Chi-chuen (Member Question No. 15)

Reply:

The General Support Programme (GSP) under the Innovation and Technology Fund (ITF), which caters for non-research and development (R&D) projects, aims at supporting projects that contribute to the upgrading and development of local industries as well as fostering an innovation and technology (I&T) culture in Hong Kong.   A total of 53 projects for

promoting an I&T culture were approved under the GSP in the past 3 years (detailed at the Annex).   The projects were implemented by the funding recipients and did not involve manpower and expenditure from the Innovation and Technology Commission.

To promote the application of local R&D outcomes in government departments and the public sector so as to facilitate the commercialisation of these products and services, we introduced the Public Sector Trial Scheme (PSTS) under the ITF in March 2011, whereby additional funding is provided to completed R&D projects funded by the ITF to cover production of tools/prototypes/samples and conducting of trials in the public sector.   Over 110 projects have been approved under the PSTS since its inception, with funding of over $180 million, benefitting more than 160 organisations of different types.

R&D projects in different technology areas conducted by local universities, R&D Centres, research institutes and enterprises have received numerous awards.   We do not have an exhaustive list of the award-winning R&D projects.

We will continue to drive the wider adoption of locally developed I&T technologies through the above measures.

**Activities for promoting an innovation and technology culture
funded under the General Support Programme
of the Innovation and Technology Fund
(2013-14 to 2015-16)**

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)	Participating guests	Target participants	Number of participants
2013 - 2014	Hong Kong Biotechnology Organization	Hong Kong Biotechnology Organization – a platform to promote and advance the development of biotechnology in Hong Kong (booklet publication)	4/2013 - 10/2013	305,300	Not applicable	Industrial, commercial and academic sectors	Not applicable
	The Young Entrepreneurs Development Council (YDC)	YDC E-Challenge 2013	4/2013 - 11/2013	686,000	Not applicable	University students	About 200
	Gordon Research Conferences (Hong Kong) Limited	Expansion of Gordon Research Conferences in Hong Kong	5/2013 - 8/2013	2,665,940	Overseas academics	Industrial, commercial and academic sectors	About 900
	Hong Kong Computer Society	Cloud Computing Success Stories Showcase	7/2013 - 3/2014	790,000	Industry experts	Industrial and commercial sectors	About 400
	The Chinese University of Hong Kong (CUHK)	Technology Themed Tours @InnoCarnival 2013	8/2013 - 11/2013	207,920	Not applicable	General public	(Note)
	Vocational Training Council	InnoShow 2013	8/2013 - 12/2013	899,400	Not applicable	General public	(Note)
	The Hong Kong Federation of Youth Groups (HKFYG)	A) InnoTech Month 2013 - Roadshow cum Kick-off Ceremony B) InnoCarnival 2013 - Workshops	8/2013 - 5/2014	2,118,500	Not applicable	General public	(Note)
	Hong Kong Productivity Council (HKPC)	HKPC Pavilion cum EV Show at InnoCarnival	9/2013 - 12/2013	1,059,600	Not applicable	General public	(Note)
	The Boys' & Girls' Clubs Association of Hong Kong (BGCA)	Children and Families Digital Project for Fun and Innovation	9/2013 - 12/2013	678,360	Not applicable	Children and parents	(Note)

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)	Participating guests	Target participants	Number of participants
	Hong Kong Baptist University (HKBU)	Exhibition at InnoCarnival 2013: "Marching Towards Modern Chinese Medicine: Conservation of Rare Chinese Medicines Resources and Exhibition of Modern Chinese Medicine Technology"	9/2013 - 4/2014	644,000	Not applicable	General public	(Note)
	Hong Kong Business Angel Network Limited	Asian Business Angel Forum 2014	9/2013 - 5/2014	696,400	Experts from overseas industry and the industrial and commercial sectors	Industrial, commercial and academic sectors	About 400
	HKFYG	Hong Kong Student Science Project Competition (HKSSPC) 2014	9/2013 - 10/2014	1,599,727	Not applicable	Secondary school students	About 200
	Hong Kong Science and Technology Parks Corporation (HKSTPC)	Soft-landing Programme for Technology and Innovation Collaboration	9/2013 - 8/2015	3,525,600	Experts from overseas industry and the industrial and commercial sectors	Industrial, commercial and academic sectors	About 1 200
	Hong Kong Applied Science and Technology Research Institute (ASTRI)	Booth production for ASTRI at InnoCarnival 2013	10/2013 - 11/2013	395,000	Not applicable	General public	(Note)
	Hong Kong New Generation Cultural Association (HKNGCA)	New Generation Innovation and Technology Talents Nurturing and Promotion Scheme 2013-2014	10/2013 - 9/2014	564,000	Not applicable	Secondary school students	About 2 500
	HKFYG	Innovation and Technology Scholarship Award Scheme 2014	10/2013 - 9/2015	2,683,948	Academics and government officers	University students	About 450

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)	Participating guests	Target participants	Number of participants
	The Hong Kong Association for the Advancement of Science and Technology	Science and Technology Seedlings 100 Plan (2nd Batch)	11/2013 - 11/2014	800,000	Not applicable	Secondary school students	100
	HKPC	To upgrade the technical capability of Hong Kong engineering professionals on lightweight metal product design and manufacturing	12/2013 - 11/2014	758,695	Overseas and industry experts	Industrial, commercial and academic sectors	About 500
	HKPC	"Innovation · Technology · Industries" Microfilm Competition	12/2013 - 11/2014	1,229,000	Academics and industry experts	Industrial, commercial and academic sectors	About 800
	Gordon Research Conferences (Hong Kong) Limited	Gordon Research Conferences in Hong Kong 2014	3/2014 - 10/2014	2,175,910	Overseas academics	Industrial, commercial and academic sectors	About 900
	YDC	YDC E-Challenge 2014	3/2014 - 12/2014	700,000	Not applicable	University students	About 200
2014 - 2015	HKSTPC	To facilitate local universities in commercialising potential research outputs of projects funded under the Innovation and Technology Fund through the experience and network of the commercial arm (responsible for technology transfer) of the University of Oxford, England	5/2014 - 6/2015	1,834,720	Experts from overseas industry and the industrial and commercial sectors	Industrial, commercial and academic sectors	About 300
	Hong Kong Blind Union	ICT Symposium on e-Accessibility	6/2014 - 11/2014	234,650	Overseas academics, government officers and industry experts	Industrial, commercial and academic sectors	About 300

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)	Participating guests	Target participants	Number of participants
	HKFYG	InnoTech Month 2014 - Roadshows and Workshops	7/2014 - 3/2015	2,312,108	Not applicable	General public	(Note)
	The Hong Kong Institution of Engineers	To promote the application of engineering and technology in health care	7/2014 - 6/2015	828,478	Overseas academics and industry experts	Industrial, commercial and academic sectors	About 300
	BGCA	Children and Families Digital Project for Fun and Innovation	8/2014 - 12/2014	489,450	Not applicable	Children and parents	(Note)
	HKPC	HKPC Pavilion cum EV Show at InnoCarnival 2014	8/2014 - 2/2015	1,081,160	Not applicable	General public	(Note)
	HKBU	Heritage and Innovation of Chinese Medicine	8/2014 - 4/2015	653,200	Not applicable	General public	(Note)
	HKFYG	HKFYG Centre for Creative Science and Technology Phase III Development	8/2014 - 7/2016	6,055,520	Not applicable	Secondary and primary school students	About 50 000
	ASTRI	Booth production for ASTRI at InnoCarnival 2014	9/2014 - 11/2014	395,000	Not applicable	General public	(Note)
	HKSTPC	APAC Innovation Summit 2014 - International Knowledge Transfer Conference cum Hong Kong Technology Showcase	9/2014 - 12/2014	2,667,810	Overseas academics, government officers and industry experts	Industrial, commercial and academic sectors	About 5 300
	HKFYG	HKSSPC 2015	9/2014 - 9/2015	1,576,636	Not applicable	Secondary school students	About 200
	CUHK	Fusion between Chinese Cultural Arts and Robotics (Phase 2)	9/2014 - 2/2016	3,005,030	Not applicable	Secondary and primary school students	About 1 500
	HKFYG	Innovation and Technology Scholarship Award Scheme 2015	10/2014 - 9/2016	3,883,280	Academics and government officers	University students	About 450

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)	Participating guests	Target participants	Number of participants
	HKPC	To promote the innovative applications of advanced 3D printing technology in the local community	1/2015 - 1/2016	589,900	Overseas and industry experts	Industrial and commercial sectors	About 600
	YDC	YDC E-Challenge 2015	3/2015 - 12/2015	700,000	Not applicable	University students	About 200
	CUHK	Innovation and Technology Student Club 2015	4/2015 - 3/2016	580,900	Not applicable	Secondary school students	About 600
	HKNGCA	"Challenge Cup" - Hong Kong University Students Extra-curriculum Technology Contest	4/2015 - 3/2016	1,303,580	Not applicable	University students	About 100
	Hong Kong Association for Integration of Chinese-Western Medicine	Integrative Joint Organisational Platform and Survey of Attitudes towards Integration	5/2015 - 5/2017	808,100	Industry experts	Industry practitioners	About 400 (estimated)
2015 - 2016	Gordon Research Conferences (Hong Kong) Limited	Gordon Research Conferences 2015	4/2015 - 9/2015	2,188,735	Overseas academics	Industrial, commercial and academic sectors	About 900
	HKFYG	InnoTech Month 2015 - Roadshows and Workshops	7/2015 - 4/2016	2,330,700	Not applicable	General public	(Note)
	ASTRI	ASTRI Innovation Runway	7/2015 - 12/2016	1,662,000	Not applicable	Entrepreneurs	About 100
	The Academy of Sciences of Hong Kong	Inauguration Ceremony of the Academy of Sciences of Hong Kong cum the 1st Science and Technology Innovation Summit and the 2nd Science and Technology Innovation Summit	7/2015 - 7/2017	3,241,000	Academics and government officers	Industrial, commercial and academic sectors	About 800 (estimated)

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)	Participating guests	Target participants	Number of participants
	ASTRI	Booth production for ASTRI at InnoCarnival 2015	9/2015 - 11/2015	360,000	Not applicable	General public	(Note)
	BGCA	Children and Families Digital Project for Fun and Innovation 2015	9/2015 - 2/2016	536,336	Not applicable	Children and parents	(Note)
	HKBU	Leading a Modern Healthy Lifestyle through Traditional Chinese Medicine	9/2015 - 4/2016	582,590	Not applicable	General public	(Note)
	HKPC	HKPC Pavilion cum EV Show at InnoCarnival 2015	9/2015 - 4/2016	1,088,795	Not applicable	General public	(Note)
	HKFYG	HKSSPC 2016	9/2015 - 9/2016	1,597,156	Not applicable	Secondary school students	About 200
	HKFYG	Innovation and Technology Scholarship Award Scheme 2016	10/2015 - 9/2017	3,214,850	Academics and government officers	University students	About 450
	HKSTPC	Soft-landing Programme for Technology and Innovation Collaboration (2015-2017)	11/2015 - 10/2017	2,910,000	Experts from overseas industry and the industrial and commercial sectors	Industrial, commercial and academic sectors	About 800 (estimated)
	HKPC	Industry-wide Promotional Campaign and Strategy Mapping of "Industry 4.0" – It's Time for Hong Kong to Start Industrial Revolution!	1/2016 - 1/2017	673,312	Overseas and industry experts	Industrial, commercial and academic sectors	About 1 000 (estimated)
	The Hong Kong University of Science and Technology	The 17th Asian Physics Olympiad	1/2016 - 1/2017	1,264,901	Not applicable	Secondary school students	About 300 (estimated)
	HKNGCA	Innovation and Entrepreneurship Programme for University Students 2016	1/2016 - 1/2017	1,702,900	Not applicable	University students	About 100 (estimated)

Note: The project was an activity of the InnoCarnival.   The number of participants of the Carnival is about 200 000 to 230 000 each year.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1875)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The 3 industrial estates (IEs) in Tseung Kwan O, Tai Po and Yuen Long currently managed by the Hong Kong Science and Technology Parks Corporation (HKSTPC) are the home of many high-tier data centres in Hong Kong.   The Government indicated that depending on the availability of land, data centres could be established on serviced land or in vacant buildings surrendered in the IEs.   In this connection, please inform this Committee of the following:

(1)   What is the tenancy position of the 3 IEs at present?   How much land is still available for leasing?
(2)   What is the number of companies engaging in high technology or operating high-tier data centres in the 3 IEs at present?   What is the percentage of IE sites occupied by such companies?
(3)   Is there any expansion plan of the 3 IEs at present?   Has the HKSTPC discovered situations where lands are left idle by the tenants?   What is the area of sites involved? How will the Government dispose the idle lands?
(4)   How many tenants were admitted to or moved out from the IEs in the past 3 years?
(5)   What are the details on the HKSTPC's plan to establish data centres in the 3 IEs?

Asked by: Hon CHAN Chi-chuen (Member Question No. 28)

Reply:

The requested information is provided below:

(1) and (2)   The total area of land provided by the 3 industrial estates (IEs) in Tai Po, Yuen Long and Tseung Kwan O is 217 hectares.   At present, about 95% of the land has been granted and the remaining site area is about 11 hectares.   Among the 163 grantees, many of them are engaging in innovation and technology

(I&T) industries, such as biotechnology and pharmaceutics, information and telecommunications (including data centres) and green technology, etc.

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(3) to (5)   The Government and the Hong Kong Science and Technology Parks Corporation (HKSTPC) have revised the IE policy with admission requirements favouring I&T industries with a view to promoting "re-industrialisation". In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE. The total cost is estimated to be some $8.2 billion. The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created. It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council.

As for the cases involving vacant premises or cessation of production activities, the HKSTPC will request the grantees to resume production activities or surrender the sites according to the terms in the lease agreement. The HKSTPC has taken actions against 14 cases since 2011. There is only 1 outstanding case at present, involving land area of about 1 hectare.

A total of 4 new grantees were admitted to the IEs in the past 3 years, whereas 8 grantees surrendered their sites to the HKSTPC in the same period. The HKSTPC has granted a total of over 19 hectares of land in the IEs for the development of data centres and has no plan to establish new data centres in the IEs for the time being.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5436)

<u>Head</u>:   (155) Government Secretariat : Innovation and Technology Commission

<u>Subhead (No. & title)</u>:

<u>Programme</u>:   (4) Planning for Innovation and Technology Development

<u>Controlling Officer</u>:   Commissioner for Innovation and Technology (Ms Annie CHOI)

<u>Director of Bureau</u>:   Secretary for Innovation and Technology

<u>Question</u>:

It is mentioned that the Government will promote the collaboration with Mainland and overseas science and research institutions.   In this connection, please list in tabular form the number of Mainland and overseas science and research institutions which undertook collaborative projects in Hong Kong in the past year, including the names of organisations, collaborating parties, types of organisations and scientific research achievements, etc.

Name of organisation	Collaborating parties	Type of organisation	Scientific research achievements

It is indicated that the Government will prepare for establishing a funding scheme to encourage University Grants Committee-funded institutions to carry out more theme-based mid-stream and translational research.   In this connection, what are the details of the research funding scheme?   What is the estimated amount of resources to be allocated to support the institutions to carry out theme-based research?

In collaboration with the Ministry of Science and Technology (MOST), Hong Kong has established 16 Partner State Key Laboratories (PSKLs) at the University of Hong Kong, the Chinese University of Hong Kong, the Hong Kong University of Science and Technology, the City University of Hong Kong, the Hong Kong Polytechnic University and the Hong Kong Baptist University.   This year, 5 new Hong Kong Branches of Chinese National Engineering Research Centres (CNERCs), together with the existing 16 PSKLs and 1 Hong Kong Branch of a CNERC, will conduct research and development activities in a diverse range of disciplines.   What are the details of the collaboration programmes of the PSKLs and CNERCs?   Apart from collaborating with technology authorities in China, are there

any laboratories and research centres from other countries participating in the collaboration programmes of local universities?

Asked by: Hon CHAN Chi-chuen (Member Question No. 195)

Reply:

The Hong Kong Special Administrative Region Government has been promoting collaboration between science and research institutions in Hong Kong and top-notch global science and research institutions. A list showing an overseas research institute newly established in Hong Kong as well as projects funded under the Innovation and Technology Fund (ITF) in 2015 involving collaboration with the Mainland and overseas science and research institutions are as follows:

Name of organisation	Collaborating parties	Type of organisation	Scientific research achievements
Karolinska Institutet (Sweden)	Tertiary institutions in Hong Kong engaging in regenerative medicine research	Academic institution	Proactively preparing for the establishment of a Centre for Regenerative Medicine in the Hong Kong Science Park Phase 3 and recruiting research teams from around the world now. It is expected that the Centre will be officially launched in the second half of 2016.
The Massachusetts Institute of Technology of the United States	The Hong Kong University of Science and Technology (HKUST) and other local universities	Academic institution	Engaging in scientific research in the intelligence living technology area through the HKUST-MIT Research Alliance Consortium, and obtained ITF funding again to conduct a project on integrated thermal energy harvesting and storage for autonomous wireless

			sensor network in 2015.
Semiconductor Manufacturing International Corporation, Shanghai Huali Microelectronics Corporation	Hong Kong Applied Science and Technology Research Institute	Private company	Implementing a scientific research project on advanced device intellectual property platform (Note)
Peking University Shenzhen Graduate School State Key Laboratory of System-on-chip, Shenzhen Emperor Electronic Technology Co. Ltd.	The Hong Kong Polytechnic University	Academic institution, private company	Implementing a scientific research project on key technology development for advanced portable surface plasmon resonance testing platform used in micro DNA analysis (Note)
Shenzhen Second People's Hospital	City University of Hong Kong (CityU)	Public organisation	Implementing a project on development of an intelligent gait training robot for hemiplegic rehabilitation (Note)
Shenzhen WELL Electric Co. Ltd.	The University of Hong Kong (HKU)	Private company	Implementing a scientific research project on CO-tolerant catalyst for fuel cell based breathalyzers (Note)
Shenzhen Institute of Advanced Integration Technology, Chinese Academy of Sciences	HKU	Academic institution	Implementing a scientific research project on a novel intravascular photoacoustic spectroscopy imaging system based on high-speed wavelength scanning (Note)
Forward Electronics (Dongguan) Co. Ltd.	The Automotive Parts and Accessory Systems R&D Centre (APAS)	Private company	Implementing a scientific research project on development of electric vehicles with

			body integrated super-capacitor energy-storage system (Note)
Jilin University	APAS	Academic institution	Implementing a scientific research project on development of a super-capacitor module and its management system (Note)
Icahn School of Medicine at Mount Sinai, Boston University, Johns Hopkins University, University of California, Irvine	HKU	Academic institution	Implementing a scientific research project on development of bioartificial human hearts using stem cell biotechnology (Note)
Shanghai Innomotion Inc.	The Chinese University of Hong Kong (CUHK)	Private company	Assisting in the development of a user-friendly motion tracking system for dynamic assessment of knee function, and providing software and hardware upgrade service for the system as necessary (Note)
HKU – Shenzhen Hospital	CUHK	Public organisation	Implementing a scientific research project on protein microarrays with ultralow background for bioanalysis and clinical diagnosis (Note)
AVIC Aerodynamics Research Institute	HKUST	Private company	Implementing a scientific research project on key technology development for aircraft noise attenuation (Note)

Bio Base Europe Pilot Plant/Belgium	CityU	Scientific research institution	Implementing a scientific research project on bioconversion of food and beverage waste to high value-added product (Note)
University of Vienna	CityU	Academic institution	Implementing a scientific research project on manufacturing methods and materials for paper-based packaging solutions (Note)
CUHK Shenzhen Research Institute	CUHK	Scientific research institution	Implementing a scientific research project on a new robot assisting nasal surgical procedures with natural interface and its clinical trials (Note)

Note: Scientific research projects which were granted ITF funding in 2015.

We propose an additional injection of $2 billion into the ITF to launch a Midstream Research Programme for Universities under the ITF and use the investment income generated to encourage University Grants Committee-funded universities to conduct theme-based research in key technology areas. We will set specific research topics (e.g. smart city, healthy ageing, etc.) and encourage the institutions to explore relevant technologies to address these issues. Specific details of the programme will be finalised later. We plan to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

Apart from collaborating with their corresponding laboratories and research centres, scientific research teams of the 16 Partner State Key Laboratories (PSKLs) and the 6 Hong Kong Branches of Chinese National Engineering Research Centres have been collaborating with overseas laboratories, research centres, etc. For example, the PSKL of Oncology in South China (CUHK) has been a long-term partner of the Cancer Research UK on the development of MVA vaccine; the PSKL of Molecular Neuroscience (HKUST) collaborates with internationally renowned biopharmaceutical companies and hospitals to investigate the clinical applications of novel drug leads for neurodegenerative diseases and psychiatric disorders; and a consortium on organometallic chemistry has been established by the PSKL

of Synthetic Chemistry (HKU) with the University of Münster of Germany, Shanghai Institute of Organic Chemistry and Fudan University of Shanghai.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5472)

Head: (155) Government Secretariat : Innovation and Technology
                                          Commission

Subhead (No. & title):   (000) Operational Expenses

Programme: Not specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

What is the estimated expenditure on the salaries and allowances of the Commissioner and
the Deputy Commissioner of the Innovation and Technology Commission in 2016-17?

Asked by: Hon CHAN Chi-chuen (Member Question No. 231)

Reply:

The monthly salaries of the Commissioner and the Deputy Commissioner of the Innovation
and Technology Commission in 2016-17 are $229,150-$235,950 and $180,200-$196,700
respectively.   Staff at the above ranks may apply for allowances (such as housing
allowance) related to their terms of appointment and service depending on their respective
rank and pay point under the relevant Civil Service Regulations.   Nevertheless, such
allowances are not funded under Head 155 – Government Secretariat: Innovation and
Technology Commission.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5487)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget that the Government will increase the monthly allowances of the Internship Programme under the Innovation and Technology Fund.   By how much will the amount of the monthly allowances be increased?   What will be the amount of allowances received by each intern?

Asked by: Hon CHAN Chi-chuen (Member Question No. 248)

Reply:

We have increased the monthly allowances of interns from the date of announcement of the Budget.   The monthly allowance of an intern with a Bachelor's degree has been increased from $12,000 to $14,000, while that of an intern with a Master's or higher degree has been increased from $14,000 to $16,500.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5514)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):   (000) Operational expenses

Programme: Not Specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

According to the programmes, the number of non-directorate posts in the Innovation and Technology Commission (ITC) will rise from 196 on 31 March 2016 to 217 posts on 31 March 2017 (increase by 21 posts).   What are the types and job nature of the posts to be created?

What are the types, number of ranks, annual salaries, allowances and job nature of the 217 non-directorate permanent posts?

Meanwhile, there are at present 8 directorate posts in the ITC.   What are the types, annual salaries, allowances and job nature of the 8 directorate posts?

Asked by: Hon CHAN Chi-chuen (Member Question No. 281)

Reply:

To promote innovation and technology (I&T) development of Hong Kong, the Innovation and Technology Commission (ITC) will create the following 21 civil service posts in 2016-17 to handle new projects and meet long-term operational needs:

-   1 Scientific Officer, 1 Electronics Engineer, 1 Senior Treasury Accountant, 1 Treasury Accountant, 2 Senior Executive Officer, 2 Executive Officer I, 1 Clerical Officer and 1 Assistant Clerical Officer posts will be created to launch the Midstream Research Programme for Universities and the Innovation and Technology Venture Fund;
-   1 Executive Officer II and 1 Assistant Clerical Officer posts will be created to promote "re-industrialisation" and support the implementation of relevant infrastructural projects;
-   1 Senior Executive Officer, 1 Executive Officer II, 1 Assistant Trade Officer I, 2 Assistant Trade Officer II and 2 Assistant Clerical Officer posts will be created to

cope with the increased workload and implement various enhancement measures for the continued administration of various funding schemes under the Innovation and Technology Fund (ITF).   1 Senior Scientific Officer and 1 Electronics Engineer civil service posts will be created to replace 2 non-civil service contract posts to meet the long-term operational needs.

The brief descriptions of the directorate and non-directorate civil service posts under the establishment of the ITC are as follows:

(1) Directorate posts:

Rank	Salary of the rank	No. of posts	Job nature and area of work
Commissioner for Innovation and Technology (CIT)	$229,150-$235,950	1	CIT is responsible for: • supporting the policy bureau in developing, implementing and reviewing of innovation and technology policy and programmes; • representing the Government on the boards of statutory bodies and the Research and Development (R&D) Centres under ITC's purview as well as overseeing corporate governance of these institutions; • overseeing the administration of Government funding schemes related to I&T; • promoting the development of testing and certification as a key industry of Hong Kong; and • overseeing the provision of accreditation, standards and calibration services to the public, etc.
Administrative Officer Staff Grade B	$180,200-$196,700	1	The Deputy Commissioner for Innovation and Technology and other directorate staff are responsible for assisting CIT in undertaking the above duties and responsibilities, including representing CIT at boards and committees as well as the ITF assessment panels; steering the provision of accreditation, standards and calibration
Administrative Officer Staff Grade C	$154,950-$169,450	3	
Assistant Commissioner for Innovation and Technology	$154,950-$169,450	1	
Executive Administrator (Accreditation)	$130,500-$142,750	1	

Chief Electronics Engineer/Chief Electrical and Mechanical Engineer	$130,500-$142,750	1	services; and overseeing the administration, human resources and financial management of ITC.
Total		8	

(2) Non-directorate posts:

Rank	Salary of the rank	No. of posts	Job nature and area of work
Senior Administrative Officer	$101,620-$117,080	2	They are responsible for providing administrative and technical support on matters related to the promotion of I&T policies and development, including: (1) managing the ITF and R&D Cash Rebate Scheme, including providing technical advice on funding applications; (2) dealing with policy and housekeeping matters of the Hong Kong Science and Technology Parks Corporation, the Hong Kong Productivity Council, the Hong Kong Applied Science and Technology Research Institute Company Limited and the R&D Centres; (3) dealing with matters related to technology incubation, techno-entrepreneurship and human capital for supporting I&T; (4) dealing with matters related to other bilateral, multilateral and regional collaboration on I&T; (5) servicing the Hong Kong side at various Joint Conference and Co-operation Committee with the Mainland; (6) promoting an I&T culture in
Administrative Officer	$47,235-$95,215	2	
Senior Treasury Accountant	$101,620-$117,080	2	
Treasury Accountant	$54,220-$95,215	2	
Senior Electrical and Mechanical Engineer	$101,620-$117,080	4	
Electrical and Mechanical Engineer	$59,445-$95,215	8	
Senior Electronics Engineer	$101,620-$117,080	4	
Electronics Engineer	$59,445-$95,215	8	
Senior Structural Engineer	$101,620-$117,080	1	
Senior Geotechnical Engineer	$101,620-$117,080	1	
Engineer	$59,445-$95,215	1	
Senior Scientific Officer	$101,620-$117,080	7	
Scientific Officer	$47,235-$95,215	14	
Chemist	$47,235-$95,215	2	
Principal Trade Officer	$101,620-$117,080	4	
Trade Officer	$63,095-$95,215	10	
Assistant Trade Officer I	$49,465-$62,235	4	
Assistant Trade Officer II	$25,505-$47,235	4	
Chief Executive Officer	$101,620-$117,080	4	
Senior Executive Officer	$63,095-$95,215	7	

Executive Officer I	$49,465-$62,235	11	the Government, business sector and the community;
Executive Officer II	$26,785-$47,235	6	(7) providing secretariat support to the Hong Kong Council for Testing and Certification;
Official Languages Officer I	$49,465-$62,235	1	
Official Languages Officer II	$25,505-$47,235	1	
Principal Technical Officer	$54,220-$70,955	3	(8) providing accreditation, standards and calibration services; and
Senior Technical Officer	$39,360-$51,805	11	(9) handling multilateral and regional collaboration matters on standards and accreditation.
Technical Officer	$19,160-$37,590	12	
Senior Clerical Officer	$37,590-$47,235	1	
Clerical Officer	$28,140-$35,890	10	
Assistant Clerical Officer	$13,120-$26,785	30	
Clerical Assistant	$11,575- $20,305	13	
Senior Personal Secretary	$37,590- $47,235	1	
Personal Secretary I	$28,140-$35,890	5	
Personal Secretary II	$13,970-$26,785	5	
Confidential Assistant	$19,160-$29,560	1	
Senior Typist	$21,550-$26,785	1	
Typist	$12,310-$20,305	4	
Supplies Supervisor I	$28,140-$35,890	2	
Office Assistant	$11,575- $15,845	2	
Motor Driver	$14,905- $17,995	3	
Workman II	$11,570- $13,640	3	
Total		217	

Staff at the various ranks above may apply for allowances (such as housing allowance) related to their terms of appointment and service depending on their respective rank and pay point under the relevant Civil Service Regulations (CSR). Nevertheless, such allowances are not funded under Head 155 – Government Secretariat: Innovation and Technology Commission.

In addition, an officer who needs to perform overtime or extra duties may, in compliance with the CSR, apply for acting allowance, Overtime Allowance and other job-related allowances, such as Rainstorm Black Warning Allowance and Typhoon Allowance.

In 2016-17, ITC's estimated provision for acting allowance and Overtime Allowance is $2,126,000, while that for job-related allowances is $2,000.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5520)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The popularity and research and development of energy-saving products are one of the indicators for a smart city.   It is known that Hong Kong has achieved substantial results in green technologies.   For example, the Science Park has been using virtually transparent solar panels as windows and connecting them to the power grid so as to reduce the burden on electricity tariff, at the same time address the issue of old-fashioned photovoltaic panels taking up much space.   However, promotional efforts on the application of the relevant technologies at the community level are insufficient.   So far a number of technologies still remain in the Science Park and are not commonly used in the community.   At present, the government departments responsible for promoting green energy include the Environmental Bureau and the Electrical and Mechanical Services Department.   Will the Commission liaise with the power companies, construction companies, schools and businesses for taking initiative to use green energy through these 2 departments, or even promote the application of such green technologies in private buildings?

Asked by: Hon CHAN Chi-chuen (Member Question No. 288)

Reply:

The Innovation and Technology Commission encourages and supports local universities, Research and Development (R&D) Centres, the Hong Kong Productivity Council and private companies, etc., to conduct R&D projects related to environmental technology through the Innovation and Technology Fund (ITF) so as to enhance the industry's technology level.   In the past 5 years (i.e. from 2011-12 to end-February 2015-16), a total funding of $106 million was approved under the ITF for 47 R&D projects related to environmental technology, many of which were related to energy-saving and new energy.

To promote the application of local R&D outcomes in government departments and the public sector so as to facilitate the commercialisation of these products and services, we

introduced the Public Sector Trial Scheme (PSTS) under the ITF in March 2011, whereby additional funding is provided to completed R&D projects funded by the ITF to cover the production of tools/prototypes/samples and conducting of trials in the public sector, including government departments, statutory bodies, schools and public utilities (e.g. power companies).   So far, over 110 projects have been approved under the PSTS with funding of over $180 million, benefitting over 160 organisations of different types.   Some of these projects are related to energy-saving and new energy, for example, the trial project on "High Performance Cementitious Materials for the Construction of External Wall with Enhanced Thermal Insulation" jointly conducted by the Nano and Advanced Materials Institute and the Hong Kong Housing Authority to collect data on energy consumption and saving.

We plan to extend the PSTS to cover the incubatees of the Science Park and the Cyberport to further promote the realisation of R&D products.

<div align="center">- End -</div>

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5521)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government established 5 Research and Development (R&D) Centres in April 2006 to drive and co-ordinate R&D efforts in 5 focus areas – namely, nanotechnology and advanced materials, textiles and clothing, automotive parts and accessory systems, logistics and supply chain management enabling technologies, and information and communications technologies. The R&D projects carried out by these Centres, except for those contract researches the full costs of which are borne by sponsoring companies, are funded mainly by the Innovation and Technology Fund. What are the latest R&D projects and results of the 5 R&D Centres in the past year?

Asked by: Hon CHAN Chi-chuen (Member Question No. 289)

Reply:

In 2015, we conducted a comprehensive review on the performance of the Research and Development (R&D) Centres. In general, we consider that the performance of the R&D Centres satisfactory. They have taken up a significant role as the focal point for technology collaboration among the Government, industry, academia and research sector. In terms of commercialisation, individual R&D Centres have started receiving more income other than industry sponsorship, including contract service income, licensing fees and royalties. They have also gradually made a name as the trusted R&D partner in their respective sectors.

In 2014-15, the 5 R&D Centres commenced 135 R&D projects involving approved funding of $477.6 million from the Innovation and Technology Fund, and received around $114.5 million sponsorship from 133 enterprises. On commercialisation, the R&D Centres signed 64 licencing agreements and commenced 145 contract services in 2014-15.

We will report the performance of the 5 R&D Centres in 2015-16 to the Legislative Council Panel on Commerce and Industry in mid-2016.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2418)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

How many projects have been approved under the Public Sector Trial Scheme of the Innovation and Technology Support Programme (ITSP) since its inception?   What are the categories of the projects?   What is the funding amount involved?   Moreover, has the Government considered extending the ITSP to cover individuals or non-public sector in order to assist and encourage more people to engage in scientific research and innovation?

Asked by: Hon CHAN Han-pan (Member Question No. 38)

Reply:

The Public Sector Trial Scheme (PSTS) under the Innovation and Technology Fund (ITF) was launched in 2011.   As at end-January 2016, 112 projects were approved with funding of over $180 million.   The trial projects approved in the past by technology area are tabulated as follows:

Technology area	Number of projects
Biotechnology	4
Electrical and electronics	4
Environmental technology	2
Information technology	45
Manufacturing technology	47
Nanotechnology	10
Total	112

The PSTS currently covers research and development projects funded by the ITF.

We plan to extend the PSTS to cover the incubatees of the Science Park and the Cyberport for promoting the realisation of scientific research and innovation and technology project results more widely.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2664)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Estimates that "to encourage more private sector investment in research and development, the Innovation and Technology Commission launched in April 2015 a new Enterprise Support Scheme (ESS) under the Innovation and Technology Fund (ITF) to replace the Small Entrepreneur Research Assistance Programme."

Please advise of:

1.   the total number of applications received under the new ESS in 2015, the number of applications to which funding has been granted and the amount of funding involved; and

2.   the amount of provision earmarked for the ESS this year.

Asked by: Hon CHAN Kam-lam (Member Question No. 27)

Reply:
The requested information is provided as follows -

1.   The Enterprise Support Scheme (ESS) was launched at the end of April 2015.   As at end-January 2016, a total of 166 applications were received.   80 of them were processed, of which 14 were approved, involving a funding of over $55 million.

2.   The ESS has been launched for less than a year.   We have to accumulate more data in order to project the annual number of applications and funding more accurately. According to the experience gained since the implementation of the ESS, the number of applications received in 2016-17 is estimated to increase by about 20%, involving a funding of approximately $66 million.

- End -

Examination of Estimates of Expenditure 2016-17   Reply Serial No.

CONTROLLING   OFFICER'S   REPLY

ITB070

(Question Serial No. 1511)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

As mentioned in Matters Requiring Special Attention in 2016–17 under Programme (4) "Planning for Innovation and Technology Development", the Commission will promote innovation and technology culture to the general public and nurture more young innovative talents.   In this connection, would the Government inform this Committee of:

a)   whether a record of the number of tertiary graduates pursuing a career in creative industries in the recent 5 years has been kept;

b)   the expenditure on nurturing young innovative talents this year and the establishment; and

c)   whether measures are implemented to encourage technology companies to employ more local young people, e.g. by way of economic incentives such that enterprises employing local graduates will be provided with allowances or other tax benefits during probation of the employment period?

Asked by: Hon CHAN Kin-por (Member Question No. 18)

Reply:

To advance the promotion of innovation and technology (I&T) development, we focus our efforts on nurturing young people majoring in disciplines related to science, technology, engineering and mathematics (STEM).

The requested information is provided below:

a) and b)

We have not kept data on the number of university graduates pursuing a career in the I&T industry. The number of graduates in the University Grants Committee (UGC)-funded programmes under the Academic Programme Categories of "Sciences" and "Engineering and Technology" in the academic years from 2010-11 to 2014-15, as per the information provided by the UGC, is set out below. Graduates from these disciplines are suitably qualified to join I&T-related industries.

Level of Study	2010-11 academic year	2011-12 academic year	2012-13 academic year	2013-14 academic year	2014-15 academic year
Sub-degree Programme	1 329	1 316	1 355	1 398	1 220
Undergraduate Programme	6 022	5 978	6 253	6 264	6 546
Taught Postgraduate Programme	216	216	209	206	193
Research Postgraduate Programme	1 143	1 165	1 158	1 224	1 289
Total	**8 709**	**8 675**	**8 976**	**9 093**	**9 249**

Note: Figures may not add up to the corresponding totals owing to rounding.

With respect to provision of subsidies, the amount of subventions to be granted by the UGC to its funded institutions in 2016-17 academic year is $17.9 billion. The bulk of recurrent grants to be provided to the institutions is in the form of a block grant, hence the UGC is unable to attribute the actual expenditure and manpower deployed to each specific academic programme and activity. According to the information provided by the institutions, the average student unit costs per annum of a UGC-funded sub-degree, undergraduate, taught postgraduate and research postgraduate place for the 2014-15 academic year were $156,000, $222,000, $215,000 and $511,000 respectively. Majority of the expenses was funded by government subvention, with the remainder funded by the income from tuition fees (taking sub-degree programmes as an example, the annual tuition fees of the Hong Kong Institute of Education and other UGC-funded institutions are $15,040 and $31,575 respectively, while the annual tuition fee for other programmes is $42,100).

c)   The Internship Programme under the Innovation and Technology Fund (ITF) subsidises the recruitment of interns to work in ITF funded research and development projects . The programme has nurtured over 2 000 talents since its launch in 2004. Over 60% of interns have subsequently either found a job or indicated interest in working in the scientific research field.

We have increased the monthly allowances of interns since 24 February this year. The monthly allowance of an intern with a Bachelor's degree has been increased from $12,000 to $14,000, while that of an intern with a Master's or higher degree has been increased from $14,000 to $16,500.

In addition, the programme will be extended to cover the incubatees and small and medium enterprise tenants of the Cyberport and the Science Park, as well as start-ups to be funded by the Innovation and Technology Venture Fund.   It aims to encourage more university graduates to enter the I&T industry.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0541)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the brief description of the Programme that the main responsibilities of the Innovation and Technology Bureau include "formulating policies to promote 're-industrialisation' through the development of smart production and high value-added industries".   In this connection, would the Government inform this Committee of:

(a.) the specific policies and measures on promoting "re-industrialisation"; whether such policies and measures include encouraging the relocation of core processes of high value-added industries to Hong Kong and promoting the "Made in Hong Kong" brand, so as to add value to Hong Kong's industrial products;

(b.) the specific details of the new Industrial Estate (IE) policy; whether such policy includes resumption of vacant IE sites, planning for new IEs, development of modern multi-storey industrial buildings and provision of tax concessions or subsidies; and

(c.) whether the above measures involve additional manpower and expenditure?

Asked by: Hon CHAN Yuen-han (Member Question No. 8)

Reply:

It has been the Government's policy to provide an environment conducive to conducting businesses and render suitable support to various trade sectors, so as to facilitate them to maximise their strengths and attract enterprises (including local and foreign enterprises or Hong Kong enterprises returning from overseas or the Mainland for development) to explore business opportunities in Hong Kong.   A number of existing support measures implemented by the Government and public bodies, such as the Innovation and Technology Fund and the Dedicated Fund on Branding, Upgrading and Domestic Sales, will help promote the "Made in Hong Kong" brand and add value to Hong Kong's industrial

products.   In addition, the Hong Kong Productivity Council also facilitates industrial upgrading and transformation, enabling enterprises to embrace "re-industrialisation" and move towards high value-added production.

The Government has revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation".   In future, the Hong Kong Science and Technology Parks Corporation ("HKSTPC") will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories.   The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion.   The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created.   It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposals to the Legislative Council.

In addition to the pilot projects on developing specialised multi-storey industrial buildings using the remaining space in the IEs, the HKSTPC is also negotiating with factory operators to request them to surrender the unused plot ratio and encourage them to surrender premises which have not been fully utilised.   Through such measures, the HKSTPC can make better use of the existing IE sites.   On identifying new IE sites, the 2016 Policy Address stated that the Government would identify sites near the Liantang/Heung Yuen Wai Boundary Control Point for the development of the Science Park and IEs.   The Planning Department will carry out preliminary planning study.

We will continue to work closely with the HKSTPC on implementing the above measures. In addition to the existing manpower, we have created 2 additional posts under Programme (5), which include 1 Executive Officer II and 1 Assistant Clerical Officer, to support the relevant infrastructural projects.   The total expenditure on the annual emoluments of the above additional posts is about $700,000.

- End -

CONTROLLING　OFFICER'S　REPLY

(Question Serial No. 0545)

Head:　　　　　　　　(155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme:　　　　　(5) Infrastructural Support

Controlling Officer:　Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau:　Secretary for Innovation and Technology

Question:

It is mentioned that the Government will promote "re-industrialisation" through the development of smart production and high value-added industries.　In this connection, would the Government inform this Committee of:

1.　the details of "re-industrialisation";

2.　whether new industries will be encouraged to develop in Hong Kong, if so, what the specific incentive measures are; and

3.　whether land and facilities will be provided to attract investment?

Asked by: Hon CHAN Yuen-han (Member Question No. 22)

Reply:

"Re-industrialisation" refers to the development of high value-added industries or manufacturing processes that do not require large amount of land resources while utilising smart manufacturing, data analysis or Internet of Things.　It serves as an important element in facilitating Hong Kong's development into a technology-based economy.

The Government has revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation".　In future, the Hong Kong Science and Technology Parks Corporation ("HKSTPC") will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories.　The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.　The total cost is estimated to be some $8.2 billion.　The HKSTPC is now

carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created. It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposals to the Legislative Council.

Apart from infrastructural support, it has been the Government's policy to provide an environment conducive to conducting businesses and render suitable support to various trade sectors, so as to facilitate them to maximise their strengths and attract enterprises (including local and foreign enterprises or Hong Kong enterprises returning from overseas or the Mainland for development) to explore business opportunities in Hong Kong. In this connection, the Government and relevant public bodies will continue to provide support through various existing related measures.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6397)

<u>Head</u>:   (155) Government Secretariat : Innovation and Technology Commission

<u>Subhead (No. & title)</u>:

<u>Programme</u>:   (5) Infrastructural Support

<u>Controlling Officer</u>:   Commissioner for Innovation and Technology (Ms Annie CHOI)

<u>Director of Bureau</u>:   Secretary for Innovation and Technology

<u>Question</u>:

It is mentioned by the Government in paragraph 76 of the Policy Address that one of the focus areas of innovation and technology is "healthy ageing".   Please provide details of the project, the relevant resource allocation and the anticipated results.

<u>Asked by</u>: Dr Hon Fernando CHEUNG Chiu-hung (Member Question No. 116)

<u>Reply</u>:

We will work closely with the Hong Kong Science and Technology Parks Corporation (HKSTPC), assist in promoting and publicising the innovation and technology areas where Hong Kong enjoys advantages, such as the application platforms for the 3 cross-disciplinary research areas, namely robotics, healthy ageing and smart city, with a view to facilitating technology integration of innovative products.

On healthy ageing area, biotechnology, healthcare and medicine will remain the key research development focuses of the Science Park.   In 2016-17, the HKSTPC will organise activities such as seminars, talks, exhibitions and study tours to promote awareness of the industry, academia, stakeholders of research institutions and the public on the healthy ageing platform, as well as facilitate the development of the platform-related industries. The HKSTPC will also upgrade the equipment of the Biotech Support Centre in the Science Park to support the scientific research work of biomedical technology companies.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0341)

<u>Head</u>:   (155) Government Secretariat : Innovation and Technology Commission

<u>Subhead (No. & title)</u>:

<u>Programme</u>:   (1) Support for Research and Development

<u>Controlling Officer</u>:   Commissioner for Innovation and Technology (Ms Annie CHOI)

<u>Director of Bureau</u>:   Secretary for Innovation and Technology

<u>Question</u>:

It is mentioned in the Budget that the Government will launch a Pilot Technology Voucher Programme under the Innovation and Technology Fund to subsidise the use of technological services and solutions by small and medium enterprises to improve productivity and upgrade or transform business processes.   Please provide details of the Programme, including its specific contents, implementation schedule, funding mode, eligibility for application, vetting criteria, manpower and expenditure required, etc.   Are projects of which the research and development work has commenced but yet to complete eligible to apply?

<u>Asked by</u>: Hon Tommy CHEUNG Yu-yan (Member Question No. 42)

<u>Reply</u>:

The Pilot Technology Voucher Programme aims to subsidise the use of technological services and solutions by local small and medium enterprises (SMEs) to improve productivity, and upgrade, transform or re-tool their business processes.

We plan to provide, on a 2:1 matching basis, a maximum subsidy of $200,000 for each eligible SME.   The pilot programme will be implemented for an initial period of 3 years, with an estimated expenditure of about $500 million.   The programme's specific funding scope and application details will be finalised later, but in principle we will try to balance between having a simple application process and ensuring that the programme will not be abused.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1398)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Internship Programme under the Innovation and Technology Fund subsidies organisations to recruit interns. In this connection, would the Government inform this Committee of:

1.   the annual expenditure of the programme in the past 3 years;

2.   the number of participating organisations in the past 3 years;

3.   the number of participating interns in the past 3 years;

4.   the average duration of internship of interns participating in the programme in the past 3 years;

5.   how the Government assesses the effectiveness of the programme; and

6.   the details on the enhancement of the above programme?

Asked by: Dr Hon CHIANG Lai-wan (Member Question No. 40)

Reply:

The requested information is provided below:

1.   The amount of funding approved under the Internship Programme in the recent 3 financial years is tabulated as follows:

Year	2015-16 (as at end-January 2016)	2014-15	2013-14
Funding amount (million)	63.0	68.2	70.2

2. The number of organisations approved for participation in the programme in the recent 3 financial years is tabulated as follows:

Year	2015-16 (as at end-January 2016)	2014-15	2013-14
Number of organisations	24	27	29

3. The number of interns approved for participation in the programme in the recent 3 financial years is tabulated as follows:

Year	2015-16 (as at end-January 2016)	2014-15	2013-14
Number of interns	302	319	309

4. The average duration of internship of interns participating in the programme in the recent 3 financial years is tabulated as follows:

Year	2015-16 (as at end-January 2016)	2014-15	2013-14
Average duration of internship (months)	14.4	13.2	14.4

5. The Internship Programme aims to encourage university graduates to pursue a career in research and development or related to innovation and technology (I&T). The programme has nurtured over 2 000 research interns since its launch in 2004. Over 60% of interns have subsequently either found a job or indicated interest in working in the scientific research field. We consider that the programme has achieved the anticipated results.

6. We have increased the monthly allowances of interns since 24 February this year. The monthly allowance of an intern with a Bachelor's degree has been increased from $12,000 to $14,000, while that of an intern with a Master's or higher degree has been increased from $14,000 to $16,500.

In addition, the applicable scope of the Internship Programme will be extended to cover the incubatees and small and medium enterprise tenants of the Cyberport and the Science Park, as well as start-ups to be funded by the Innovation and Technology Venture Fund, so as to encourage more university graduates to enter the field of I&T. Specific details on the extension of the programme will be finalised later.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1162)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development, (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

1. The Government launched the Research and Development (R&D) Cash Rebate Scheme in April 2010.   Regarding the R&D projects funded by the Innovation and Technology Fund (ITF) (hereafter referred to as "ITF projects") and R&D projects funded entirely by companies and conducted in partnership with designated local public research institutions (hereafter referred to as "partnership projects"), please set out the funding amount and number of projects by year.

    Regarding "partnership projects", please set out, by designated local public research institution, the funding amount and number of projects, as well as the expenditure under the Internship Programme each year since April 2010.

2. Why the estimate under Programme (1) "Support for Research and Development" is 47.1% lower than the revised estimate for last year?   Please explain the main reasons. What is its impact on the 5 R&D Centres, Partner State Key Laboratories and Hong Kong Branches of Chinese National Engineering Research Centres?   What are the indicators for the technology transfer of funded projects of the R&D Centres?

3. Why the estimate under Programme (3) "Promotion of Technological Entrepreneurship" is only 101.9% higher than the revised estimate for last year? Please explain the main reasons.   What are the indicators for the implementation of Technology Start-up Support Scheme for Universities?

Asked by: Hon Albert HO Chun-yan (Member Question No. 76)

Reply:

The required information is provided below:

1. The number of approved Innovation and Technology Fund (ITF) projects and partnership projects as well as the cash rebate amount under the Research and Development (R&D) Cash Rebate Scheme in the past 5 years (i.e. 2011-2015) are detailed as follows:

	ITF projects		Partnership projects	
	Number	**Cash rebate amount ($million)**	**Number**	**Cash rebate amount ($million)**
2011	125	5.8	19	0.4
2012[Note]	122	20.9	37	5.3
2013	91	13.7	81	14.4
2014	116	25.7	90	17.3
2015	142	30.4	77	18.2

[Note] The level of cash rebate increased from 10% to 30% in February 2012.

A breakdown of partnership projects by designated local public research institutions is set out in the table below.

Designated local public research institutions	2011	2012[Note]	2013	2014	2015
	Number of partnership projects (Cash rebate amount ($million))				
Local universities	0 (0)	5 (0.29)	12 (1.44)	14 (2.43)	12 (8.90)
R&D Centres	4 (0.02)	7 (1.20)	34 (5.66)	53 (8.97)	44 (5.41)
Others (including Hong Kong Productivity Council, Vocational Training Council and Hong Kong Institute of Biotechnology)	15 (0.40)	25 (3.82)	35 (7.25)	23 (5.85)	21 (3.90)
Total:	19 (0.42)	37 (5.31)	81 (14.35)	90 (17.25)	77 (18.21)

[Note] The level of cash rebate increased from 10% to 30% in February 2012.

The Internship Programme is not applicable to partnership projects.

2.	Regarding Programme (1) "Support for Research and Development", the estimate for 2016-17 is $49 million (47.1%) lower than the revised estimate for 2015-16. This is mainly due to the exclusion of cash flow requirements for the R&D Cash Rebate Scheme which will be subsumed under the ITF with effect from 1 April 2016, partly offset by the increased provision for salary.

The decrease in estimate has no impact on the funding to the Partner State Key Laboratories (PSKLs) and Hong Kong Branches of Chinese National Engineering Research Centres (CNERCs).   We will continue to provide, as before, an annual funding of up to $5 million to each PSKL and Hong Kong Branch of CNERC through the ITF for a period of 3 years (Financial Years 2016-17 to 2018-19).

The 5 R&D Centres have launched a total of over 860 R&D projects since their establishment.   A total funding of over $3.8 billion from the ITF has been provided to support the projects.   In addition, the current industry contribution target of the R&D Centres is 20%.   The R&D Centres have to proactively reach out to the industry in order to solicit sufficient sponsorship and undertake industry-driven and market relevant R&D, while flexibility is given for them to undertake platform projects (which require a minimum of 10% sponsorship only) and subsequently transfer the technology to the industry through contract research or licensing arrangement.   We will continue to support the operation of the R&D Centres and strengthen our support for the realisation and commercialisation of R&D results.

3.	The additional financial provision under Programme (3) is mainly earmarked for supporting the establishment and administration of the Innovation and Technology Venture Fund proposed in the 2016 Policy Address, including the costs for creating additional posts as well as the relevant professional services and administrative fees, involving a total annual expenditure of approximately $9 million.

The Innovation and Technology Commission launched, under the ITF, the Technology Start-up Support Scheme for Universities (TSSSU) in September 2014 to encourage the teams of 6 local universities to start technology businesses, bring R&D results from the campus to the real world, and facilitate the realisation of R&D results.   An annual funding of up to $4 million is provided to each of the 6 local universities under the Scheme.   Each funded technology start-up may receive up to $1.2 million each year for no more than 3 years.   In 2014-15 and 2015-16, 36 and 66 technology start-ups were funded respectively under the TSSSU (26 of them were funded for 2 consecutive years), with a respective amount of funding at approximately $19 million and $22.6 million.   According to the information provided by the universities, individual technology start-ups have made achievements in the realisation of their R&D results, such as being invested by venture capital companies and awarded international awards.   The Government will continue to administer the TSSSU and will review the funding arrangements in 2016-17.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3984)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Innovation and Technology Commission indicated that the Hong Kong Applied Science and Technology Research Institute Company Limited will continue to "collaborate with enterprises and research institutions in the Mainland and overseas".   Please provide the number of collaborations, the names of the enterprises or research institutions concerned and the information on the collaborative projects in each of the recent 5 years.

Asked by: Hon Albert HO Chun-yan (Member Question No. 77)

Reply:

The number of collaborations between the Hong Kong Applied Science and Technology Research Institute (ASTRI) and enterprises/research institutions in the Mainland and overseas from 2011-12 to 2015-16 is tabulated below:

	2011-12	**2012-13**	**2013-14**	**2014-15**	**2015-16 (as at 29 February 2016)**
Sponsorship for projects	12	8	14	16	9
Licensing	15	19	7	13	9
Contract services	28	42	28	20	6

(The above figures exclude institutions registered in Hong Kong.)

Given the agreements between ASTRI and the collaborating institutions, information on individual institutions and the collaborative projects cannot be disclosed.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4195)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (2) Fostering University-Industry Collaboration

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please inform this Committee of the reasons for the year-on-year decrease in the number of applications received under the University-Industry Collaboration Programme (UICP). Does it mean that the Government's enhancement measures fail to achieve the intended results?   In this connection, what are the Government's follow-up actions?

Asked by: Hon Cyd HO Sau-lan (Member Question No. 64)

Reply:

As the available resources/incentives/workload, etc. of the universities and the industry vary from year to year, there are variations in the number of applications and funded projects every year.   The estimated number of applications to be received in 2016 is 21, which is projected based on the average number in the past 3 years (18, 24 and 22 applications in 2013, 2014 and 2015 respectively).   We will continue our efforts in implementing the University-Industry Collaboration Programme to encourage companies and local universities to collaborate in research and development projects of commercial nature.

- End -

Reply Serial No.

ITB079

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4196)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is reported by the Commission that half of the 8 duties in 2015-16 involve the Mainland. Please advise the Committee of the followings:

(a) Based on what grounds and criteria does the Commission assign half of its work under "Planning for Innovation and Technology Development" to exchange with the Mainland instead of East Asia or other countries?

(b) Will the Commission establish or develop innovation and technology exchanges with countries other than the Mainland this year (2016-17)?   If yes, what are the specific plans and the expenditure and manpower involved?   If not, what are the reasons?

Asked by: Hon Cyd HO Sau-lan (Member Question No. 66)

Reply:

We proactively promote exchanges in innovation and technology (I&T) with the Mainland and other places.

For instance, we, together with the industry supporting organisations such as the 5 Research and Development (R&D) Centres, the Hong Kong Science and Technology Parks Corporation and the Hong Kong Productivity Council, have been promoting in the Mainland and other places Hong Kong's role as the regional I&T centre as well as the services provided by various supporting organisations.

We signed a Memorandum of Understanding with Israel on bilateral co-operation in industrial R&D in 2014 and launched a number of collaborative activities, including the Hong Kong-Israel R&D Co-operation Programme jointly launched with Israel in December

2015 to encourage co-operation on R&D projects between Hong Kong and Israeli companies.

Besides, both the Karolinska Institutet of Sweden and the Massachusetts Institute of Technology of the United States have announced the setup of overseas bases in Hong Kong to bring students, scholars and entrepreneurs from Europe, the United States and Hong Kong together to carry out innovative and scientific research work.

In the coming year, we will continue our efforts in carrying out exchanges in I&T with the Mainland and other places, and be more proactive in promoting the collaboration with the world's top-notch science and research institutions.

The related duties are part of the work under Programme (4) "Planning for Innovation and Technology Development". The estimated expenditure under Programme (4) for 2016-17 is $42.2 million, mainly for salary and general departmental expenses. We do not have the required breakdown of departmental expenses and salaries.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4214)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):   (000) Operational Expenses

Programme: (1) Support for Research and Development, (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please set out the operating cost and research and development (R&D) project cost for each R&D Centre in the past year.

Asked by: Hon Cyd HO Sau-lan (Member Question No. 56)

Reply:

The expenditure of the 5 Research and Development (R&D) Centres includes operating expenditure and R&D expenditure.

Operating Expenditure

The operating expenditure of 4 R&D Centres (i.e. the Automotive Parts and Accessory Systems R&D Centre (APAS), Hong Kong Research Institute of Textiles and Apparel (HKRITA), R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM) and Nano and Advanced Materials Institute (NAMI)) is met by the funding under the Innovation and Technology Fund (ITF) approved by the Finance Committee of the Legislative Council. The operating expenditure of the R&D Centre for Information and Communications Technologies (ICT) under the Hong Kong Applied Science and Technology Research Institute (ASTRI) is funded by the Government's annual recurrent subvention to ASTRI (which is separately set out under Programme (7) "Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited").

The estimated operating expenditure of the 5 R&D Centres in 2015-16 is tabulated below:

	Operating expenditure in 2015-16 (revised estimate) ($ million)
APAS	14.0
ICT under ASTRI	141.5
HKRITA	26.6
LSCM	30.0
NAMI	57.2
Total:	269.3

Note: The operating expenditure of ICT under ASTRI is funded by the Government's annual recurrent subvention to ASTRI.

R&D Expenditure

The R&D expenditure of the 5 R&D Centres is supported by the ITF on individual R&D project basis. The estimated amount of funding for R&D expenditure of the 5 R&D Centres in 2015-16 is tabulated below:

	Amount of funding for R&D expenditure in 2015-16 (revised estimate) ($ million)
APAS	29.0
ICT under ASTRI	214.1
HKRITA	43.3
LSCM	52.6
NAMI	51.1
Total:	390.1

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4215)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development, (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please inform this Committee of the number of projects commercialised and licences granted by each Research and Development Centre in the past year; and whether the Government has reviewed how to increase the number of licences granted.

Asked by: Hon Cyd HO Sau-lan (Member Question No. 57)

Reply:

One of the major objectives of setting up the Research and Development (R&D) Centres is to promote the introduction of R&D results from the laboratory to the market and transfer technologies to the industry.   On licensing, the 5 R&D Centres signed 64 licensing agreements to transfer their R&D results to the industry in 2014-15.

We conducted a comprehensive review on the performance of the R&D Centres in 2015. In general, we consider that the performance of the R&D Centres satisfactory.   They have taken up a significant role as the focal point for technology collaboration among the Government, industry, academia and research sector.   In terms of commercialisation, individual R&D Centres have started receiving more income other than industry sponsorship, including contract service income, licensing fees and royalties.   They have also gradually made a name as the trusted R&D partner in their respective sectors.   In considering the performance indicators of the R&D Centres in 2017-2021, we consider that "the level of industry income received" can be used to measure the performance of the R&D Centres.   This indicator includes industry contribution for R&D projects, licensing fees and contract service income, etc.   We will report the relevant progress to the Legislative Council Panel on Commerce and Industry in mid-2016.

- End -

Reply Serial No.

CONTROLLING OFFICER'S REPLY

ITB082

(Question Serial No. 4216)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please inform this Committee of the number of successful projects under the Small Entrepreneur Research Assistance Programme (SERAP) from which the SERAP fund has not been recouped as at March 2016.

Asked by: Hon Cyd HO Sau-lan (Member Question No. 58)

Reply:

Since the inception of the Small Entrepreneur Research Assistance Programme (SERAP), 411 applications have been approved. As at end-February 2016, among the funded projects, 304 projects (or about 74%) were completed in accordance with the Fund Agreement. The remaining 107 projects have yet to be completed.

According to the requirements of SERAP, in the event that project deliverables of the relevant research and development (R&D) projects of the recipient companies generated revenue, or that a third party made investment to the recipient companies, the recipient companies are required to repay the Government 5% of the relevant revenue or 10% of the third-party investment, until the Government's contribution is repaid in full. No repayment is required in the event that the R&D projects involve no revenue or third-party investment.

As at end-February 2016, the Government recouped about $35 million from the 304 completed projects mentioned above. Details are as follows:

		Number of projects
(a)	Recipient companies dissolved:	46
(b)	Funding fully recouped:	23
(c)	Funding partly recouped:	99
(d)	Repayment not required (the projects involved no revenue or third-party investment):	136
	(a)+(b)+(c)+(d) :	304

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4217)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development, (2) Fostering University-Industry Collaboration, (3) Promotion of Technological Entrepreneurship, (4) Planning for Innovation and Technology Development, (5) Infrastructural Support, (6) Quality Support, (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the records management work of the Bureau and its departments over the past year:

1. Please provide information on the number and rank of officers designated to perform such work. If there is no officer designated for such work, please provide information on the number of officers and the hours of work involved in records management duties, and the other duties they have to undertake in addition to records management;

2. Please list in the table below information on programme and administrative records which have been closed pending transfer to the Government Records Service (GRS) for appraisal:

Category of records	Years covered by the records	Number and linear metres of records	Retention period approved by GRS	Are they confidential documents	Reasons for not being transferred yet

3. Please list in the table below information on programme and administrative records which have been transferred to GRS for retention:

Category of records	Years covered by the records	Number and linear metres of records	Years that the records were transferred to GRS	Retention period approved by GRS	Are they confidential documents

4.   Please list in the table below information on records which have been approved for destruction by GRS:

Category of records	Name of records	Years covered by the records	Number and linear metres of records	Years that the records were transferred to GRS	Retention period approved by GRS	Are they confidential documents

Asked by: Hon Cyd HO Sau-lan (Member Question No. 59)

Reply:
The requested information is provided below:

1.   In accordance with the Government's internal guidelines and manual, the Innovation and Technology Commission (ITC) has appointed the following officers of different ranks to undertake different responsibilities on departmental records management on top of their own duties and to report to a directorate officer responsible for overseeing such work:

   (i)   1 Chief Executive Officer serving as the Departmental Records Manager to assist in establishing and implementing the departmental records management programme;

   (ii) 2 Executive Officers I serving as the Assistant Departmental Records Managers to assist the Departmental Records Manager in implementing such work; and

   (iii) 8 officers not below the rank of Executive Officer II serving as the Records Managers to monitor the records management of various divisions.

   In addition, each division has its own general registry with clerical grade staff responsible for filing and records management routines. In this regard, there are 1 Senior Clerical Officer, 9 Clerical Officers, 26 Assistant Clerical Officers and 13 Clerical Assistants in the ITC.

2.   Information on programme and administrative records which have been closed pending transfer to the Government Records Service (GRS) for appraisal:

Category of records	Years covered by the records	Number and linear metres of records	Retention period approved by GRS	Are they confidential documents	Reasons for not being transferred yet
Programme records	2002-2015	544/24.58 linear metres	5-25 years	No	The retention period approved by GRS is not yet expired.
Programme records	1999-2015	163/8.08 linear metres	8-25 years	Yes	
Administrative records	2002-2015	32/1.56 linear metres	2-7 years	No	
Administrative records	2012-2015	16/0.8 linear metres	3-5 years	Yes	

3. Information on programme and administrative records which have been transferred to GRS for retention:

Category of records	Years covered by the records	Number and linear metres of records	Years that the records were transferred to GRS	Retention period approved by GRS	Are they confidential documents
Programme records	1988-1992	19/2 linear metres	2015	2 years	Yes
Programme records	1982-2001	418/20.9 linear metres	2015	6 years	No
Administrative records	1993-2007	4/0.19 linear metres	2015	3-4 years	No

4. Information on records which have been approved for destruction by GRS:

Category of records	Name of records	Years covered by the records	Number and linear metres of records	Years that the records were transferred to GRS	Retention period approved by GRS	Are they confidential documents
Programme records	Industry Development Board, and Industry and Technology Development Council Information and Public Relations	1986-2009	439/21.95 linear metres	2011-2014	5-6 years	No
Administrative records	Acts and Legislations Circulars and Directives Committees, Councils and Commissions Complaints Elections Environmental Management Management Services Official Languages Organisation Plans and Programmes Visits and Tours Equipment and Supplies Establishment Information Services – Books and Publications	1982 - 2009	46/2.14 linear metres	2012-2013	Retained according to the General Administrative Records Disposal Schedules of GRS, generally for 2-5 years after the close of the files.	No

- End -

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CONTROLLING   OFFICER'S   REPLY

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(Question Serial No. 4218)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):   (000) Operational expenses

Programme: (1) Support for Research and Development, (2) Fostering University-Industry Collaboration, (3) Promotion of Technological Entrepreneurship, (4) Planning for Innovation and Technology Development, (5) Infrastructural Support, (6) Quality Support, (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

1. Regarding the expenditure on entertainment and gifts of your bureau and the departments under its purview in 2014-15 and 2015-16, please provide details using the table below:

Bureau/ branch/ department and year	Estimated expenditure on entertainment and gifts in the year	Actual expenditure on entertainment and gifts in the year	Expenditure limit for entertainment (including beverages) per head for the year	Expenditure limit for gift per guest for the year	Number of receptions held and total number of guests entertained in the year

2. Regarding the expenditure on entertainment and gifts of your bureau and the departments under its purview in 2015-16, please provide details using the table below:

Bureau/ branch/ department	Date of reception (day/ month/ year)	Departments/ organisations and titles of the guests entertained (grouped by department/ organisation and indicating the number of guests)	Food expenses incurred in the reception	Beverage expenses incurred in the reception	Gift expenses incurred in the reception	Venue of the reception (department office/ restaurant in government facilities/ private restaurant/ others (please specify))

3.   Please provide the estimated expenditure on entertainment and gifts for 2016-17 using the table below:

Bureau/ branch/department	Estimated expenditure on entertainment and gifts	Expenditure limit for entertainment per guest	Expenditure limit for gift per guest

Asked by: Hon Cyd HO Sau-lan (Member Question No. 60)

Reply:

In general, all government officers hosting entertainment should observe the same principles and act in accordance with the relevant regulations and administrative guidelines. Government officers are required to exercise prudent judgement and economy when entertaining guest(s) for official purposes in order to avoid any public perception of extravagance.   According to the prevailing guidelines, the expenditure limits for provision of official meals should not exceed $450 per person for lunch or $600 per person for dinner, inclusive of all expenses incurred on food and beverages, service charges and tips on the occasion.   In 2014-15 and 2015-16 (as at 29 February 2016), the actual expenditure on official entertainment incurred by the Innovation and Technology Commission was $340,000 and $230,000 respectively.   The estimated expenditure for 2016-17 is $350,000.

In line with the Government's green policy, public officers should as far as possible refrain from bestowing gifts/souvenirs to others during the conduct of official activities. According to the existing guidelines, where bestowal of gifts/souvenirs is necessary or unavoidable due to operational, protocol or other reasons, the gift/souvenir items should not be lavish or extravagant and the number should be kept to a minimum.   As we do not maintain separate accounts for the expenditure on the procurement of gifts and souvenirs, we do not have the relevant statistics.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4219)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development, (2) Fostering University-Industry Collaboration, (3) Promotion of Technological Entrepreneurship, (4) Planning for Innovation and Technology Development, (5) Infrastructural Support, (6) Quality Support, (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the consultancy studies (if any) commissioned by the Bureau and its departments for the purpose of formulating and assessing policies, please provide information in the following format.

(a)   Using the table below, please provide information on studies on public policy and strategic public policy for which funds had been allocated in the past 2 financial years (2014-15 and 2015-16):

Name of consultant	Mode of award (open auction/ tender/ others (please specify))	Title, content and objective of project	Consultancy fee ($)	Start date	Progress of studies (under planning/ in progress/ completed)	Follow-up actions taken by the Government on the study report and their progress (if any)	For completed projects, have they been made public? If yes, through what channels? If no, why?

(b)　Are there any projects for which funds have been reserved for conducting in-house studies this year (2016-17)?　If yes, please provide the following information:

Title, content and objective of project	Start date	Progress of studies (under planning/ in progress/ completed)	Follow-up actions taken by the Government on the study report and their progress (if any)	For projects that are expected to be completed this year, is there any plan to make them public? If yes, through what channels? If no, why?

(c)　Are there any projects for which funds have been reserved for conducting consultancy studies this year (2016-17)?　If yes, please provide the following information:

Name of consultant	Mode of award (open auction/ tender/ others (please specify))	Title, content and objective of project	Consultancy fee ($)	Start date	Progress of studies (under planning/ in progress/ completed)	Follow-up actions taken by the Government on the study report and their progress (if any)	For projects that are expected to be completed this year, is there any plan to make them public? If yes, through what channels? If no, why?

(d)　What are the criteria for considering the award of consultancy projects to the research institutions concerned?

Asked by: Hon Cyd HO Sau-lan (Member Question No. 61)

Reply:

The requested information is as follows:

(a), (b) & (c)　　The Innovation and Technology Commission did not commission any study on public policy and strategic public policy from 2014-15 to 2015-16 and has no such plan in 2016-17.

(d)　　　　Not applicable.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4220)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development, (2) Fostering University-Industry Collaboration, (3) Promotion of Technological Entrepreneurship, (4) Planning for Innovation and Technology Development, (5) Infrastructural Support, (6) Quality Support, (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide details of the meetings, visits or exchanges held between the Commission and the relevant Mainland authorities in the past year, and list, by date, the following for each trip:

(a)   objective, venue;
(b)   titles of the Mainland officials met;
(c)   number and titles of the participating officers from Hong Kong;
(d)   duration of trip (days);
(e)   total expenditure incurred;
(f)   whether the trip was promulgated before departure; if not, what are the reasons for the confidentiality;
(g)   whether minutes of the meeting were filed; if not, what are the reasons;
(h)   whether agreement was reached; if so, what are the contents and implementation progress;
(i)   transportation (please list flight tickets and local transport at destinations separately);
(ii)   accommodation;
(iii) meals;
(iv)   banquets or entertainment; and
(v)   expenses on gifts.

Date	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(ii)	(iii)	(iv)	(v)

Asked by: Hon Cyd HO Sau-lan (Member Question No. 62)

Reply:

Details of the meetings, visits or exchanges held between officers of the Innovation and Technology Commission and the relevant authorities in the Mainland in the past year are at Annex.

Officers at various ranks of the Commission who undertake any duty visits (including attending working meetings or performing duties) should formally obtain prior approval and comply with relevant government regulations and procedures.   Details of the duty visits are all properly recorded.

**Meetings, visits or exchanges held between the Innovation and Technology Commission
and the relevant Mainland authorities**

2015-16 (as at 29 February 2016)

Total no. of meetings, visits or exchanges	Place of visit	Total size of entourage	Major purposes	Passage ($)	Hotel accommodation ($)	Other expenses* ($)	Grand total ($)
66 (ranging from 1 to 9 days)	Including Beijing, Shanghai, Yangzhou, Sichuan, Ningbo, Nanjing, Shenzhen, Guangzhou, Guangdong, etc.	106 (including directorate officers, and professional grade or management/ executive staff who were responsible for the relevant projects/work in the Commission)	1. To attend working meetings, seminars or forums 2. To conduct assessment by staff of the Hong Kong Accreditation Service 3. To inspect the Innovation and Technology Fund projects 4. To participate in exchanges, visits or exhibitions	85,000	48,000	73,000	206,000

* Other expenses, including subsistence allowances for duty visits outside Hong Kong, entertainment and other sundries (if applicable), were paid in accordance with relevant government regulations and procedures. There were no expenses on the purchase of gifts and souvenirs in the payment records of these visits.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4221)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development, (2) Fostering University-Industry Collaboration, (3) Promotion of Technological Entrepreneurship, (4) Planning for Innovation and Technology Development, (5) Infrastructural Support, (6) Quality Support, (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

In regard to the growing Mainland-Hong Kong cross-boundary co-operation in recent years, please provide relevant information on Mainland-Hong Kong cross-boundary projects or programmes in which your bureau and the departments under your purview have been involved.

(a)   For Mainland-Hong Kong cross-boundary projects or programmes, please provide information in 2014-15 to 2015-16 as per following table:

Project/ Programme	Details, objectives and whether it is related to the Framework Agreement on Hong Kong / Guangdong Co-operation (the Framework Agreement) or the National 13th Five-Year Plan	Expenditure involved	Mainland officials and departments/ organisations involved	Has any agreement been signed and whether it has been made public? If not, what are the reasons?	Are minutes of meetings available? If yes, have they been made public?	Progress (% completed, commencement date, target completion date)	Have the details, objectives, amount involved or impact on the public, society, culture and ecology, etc. been released to the public? If so, through which channels and what were the manpower and expenditure involved? If not, what are the reasons?	Has public consultation on the cross-boundary project been conducted in Hong Kong?	Details of the legislative amendments or policy changes involved in the project/ programme

(b)	Has provision been earmarked for Mainland-Hong Kong cross-boundary projects or programmes this year (2016-17)? If yes, please provide information in respect of Mainland-Hong Kong cross-boundary projects or programmes for 2016-17 as per following table:

Project/ Programme	Details, objectives and whether it is related to the Framework Agreement on Hong Kong / Guangdong Co-operation (the Framework Agreement) or the National 13th Five-Year Plan	Expenditure involved	Mainland officials and departments/ organisations involved	Has any agreement been signed and whether it has been made public? If not, what are the reasons?	Are minutes of meetings available? If yes, have they been made public?	Progress (% completed, commencement date, target completion date)	Have the details, objectives, amount involved or impact on the public, society, culture and ecology, etc. been released to the public? If so, through which channels and what were the manpower and expenditure involved? If not, what are the reasons?	Will public consultation on the cross-boundary project be conducted in Hong Kong?	Details of the legislative amendments or policy changes involved in the project/ programme

(c)	Apart from the projects or programmes listed above, are there any other modes of Mainland-Hong Kong cross-boundary co-operation? If so, in what modes are they taken forward? What were the manpower and expenditure involved over the past years? How many financial and manpower resources have been earmarked in the estimate for 2016-17?

Asked by: Hon Cyd HO Sau-lan (Member Question No. 63)

Reply:
The requested information is provided below:

(a)	The information on the Mainland-Hong Kong cross-boundary projects or programmes for 2014-15 and 2015-16:

Project/Programme	The Guangdong-Hong Kong Technology Co-operation Funding Scheme (TCFS)
Details, objectives and whether it is related to the Framework Agreement on Hong Kong/Guangdong Co-operation (the Framework Agreement) or the National 13th Five-Year Plan	It aims at providing research and development (R&D) funding for technological projects conducted jointly between Hong Kong and Guangdong and also Hong Kong and Shenzhen; enhancing collaboration among universities, research institutions and industries in both places; and upgrading the technology level of industries in the Greater Pearl River Delta region. The TCFS is in line with the objective of enhancing regional competitiveness

	under the Framework Agreement.
Expenditure involved	No additional expenditure is involved.
Mainland officials and departments/organisations involved	Guangdong Provincial Department of Science and Technology, and the Science and Technology Innovation Commission of Shenzhen Municipality
Has any agreement been signed and whether it has been made public? If not, what are the reasons?	No agreement has been signed for the Scheme.
Are minutes of meetings available? If yes, have they been made public?	Information of approved projects is available at the Innovation and Technology Fund (ITF) website.
Progress (% completed, commencement date, target completion date)	A total of 29 TCFS projects were approved from 2014-15 to 2015-16, with funding of about $70 million from the ITF.
Have the details, objectives, amount involved or impact on the public, society, culture and ecology, etc. been released to the public? If so, through which channels and what were the manpower and expenditure involved? If not, what are the reasons?	The Innovation and Technology Commission (ITC) announces the Scheme's application arrangements every year. The amounts of funding approved by ITC for projects are uploaded to the ITC website.
Has public consultation on the cross-boundary project been conducted in Hong Kong?	It was mentioned in the Policy Agenda of 2004 Policy Address of the Chief Executive that the Government would work with the Guangdong Provincial Department of Science and Technology to further the co-operation on innovation and technology under the newly established Expert Group on Co-operation in Innovation and Technology under the Hong Kong-Guangdong Joint Co-operation Conference. TCFS was an initiative launched by the Expert Group in 2004.
Details of the legislative amendments or policy changes involved in the project/ programme	Not applicable

(b)   The information on the Mainland-Hong Kong cross-boundary projects or programmes for 2016-17:

Project/Programme	The Guangdong-Hong Kong Technology Co-operation Funding Scheme (TCFS)
Details, objectives and whether it is related to the Framework Agreement on Hong Kong / Guangdong Co-operation (the Framework Agreement) or the National 13th Five-Year Plan	It aims at providing research and development (R&D) funding for technological projects conducted jointly between Hong Kong and Guangdong and also Hong Kong and Shenzhen; enhancing collaboration among universities, research institutions and industries in both places; and upgrading the technology level of industries in the Greater Pearl River Delta region. The TCFS is in line with the objective of enhancing regional competitiveness under the Framework Agreement.
Expenditure involved	No additional expenditure is involved
Mainland officials and departments/organisations involved	Guangdong Provincial Department of Science and Technology, and the Science and Technology Innovation Commission of Shenzhen Municipality
Has any agreement been signed and whether it has been made public? If not, what are the reasons?	No agreement has been signed for the Scheme.
Are minutes of meetings available? If yes, have they been made public?	Information of approved projects will be available at the ITF website.
Progress (% completed, commencement date, target completion date)	It is estimated that 19 TCFS projects will be approved in 2016-17 with ITF funding of about $60 million.
Have the details, objectives, amount involved or impact on the public, society, culture and ecology, etc. been released to the public? If so, through which channels and what were the manpower and expenditure involved? If not, what are the reasons?	ITC plans to announce the Scheme's application arrangements for 2016 in the second half of this year.
Will public consultation on the cross-boundary project be conducted in Hong Kong?	It was mentioned in the Policy Agenda of 2004 Policy Address of the Chief Executive that the Government would work with the Guangdong Provincial Department of Science and Technology to further the co-operation on innovation and technology under the newly established Expert Group on Co-operation in Innovation and Technology under the Hong Kong-Guangdong Joint Co-operation Conference. TCFS was an initiative

	launched by the Expert Group in 2004.
Details of the legislative amendments or policy changes involved in the project/ programme	Not applicable

(c)   None.

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CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4222)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please advise this Committee of the information related to the Technology Start-up Support Scheme for Universities (TSSSU):

(1) It has been the third year since the implementation of the TSSSU.   Will the Government conduct policy review and adjustment to the TSSSU?   If yes, what is the timetable?

(2) What is the total number of professors and students funded to start technology businesses in the past 3 years?   Please list out the amount of funding, type of enterprise, the respective universities of the funding recipients and the ratio of professor/student.   Has the Government kept track of the status of these enterprises?

Asked by: Hon Cyd HO Sau-lan (Member Question No. 65)

Reply:

The Innovation and Technology Commission (ITC) launched, under the Innovation and Technology Fund, the Technology Start-up Support Scheme for Universities (TSSSU) in September 2014 to encourage the teams of 6 local universities to start technology businesses, bring research and development (R&D) results from the campus to the real world, and facilitate the realisation of R&D results.   An annual funding of up to $4 million is provided to each of the 6 local universities under the Scheme.   Each funded technology start-up may receive up to $1.2 million each year for no more than 3 years.

Since the inception of the TSSSU, 76 technology start-ups have been funded, with an amount of funding at approximately $41.6 million.   The amount of funding provided to each technology start-up ranges from $100,000 to $1.1 million.   The business areas of the funded technology start-ups mainly cover information and communication technologies,

biotechnology, electronics, and nanotechnology and materials science.   The relevant details are set out in the Annex.

The teams of funded technology start-ups include professors and/or students/graduates from the associated universities.   According to the information provided by the technology start-ups at the time of application, the ratios of professors to students/graduates of the funded teams are tabulated as follows:

University	Number of professors (a)	Number of students/graduates (b)	Ratio (a : b)
Hong Kong Baptist University	12	10	1 : 0.8
City University of Hong Kong	18	36	1 : 2
The Chinese University of Hong Kong	22	30	1 : 1.4
The Hong Kong Polytechnic University	0	17	Not applicable
The Hong Kong University of Science and Technology	10	52	1 : 5.2
The University of Hong Kong	21	56	1 : 2.7
Total	**83**	**201**	**1 : 2.4**

Funded technology start-ups and their associated universities have to submit annual reports to the ITC on the performance of the technology start-ups after the close of each financial year.   According to the information provided by the universities, individual technology start-ups have made achievements in the realisation of their R&D results, such as being invested by venture capital companies and awarded international awards.   The Government will continue to administer the TSSSU and will review the funding arrangements in 2016-17.

- End -

[Note: N.A. denotes 'Not Applicable']

Serial number of technology start-up	University that submitted the recommendation	Amount of funding approved		Technology area
		2014-15 ($'000)	2015-16 ($'000)	
1	City University of Hong Kong	N.A.	170	Electronics
2	City University of Hong Kong	480	N.A.	Information and communication technologies
3	City University of Hong Kong	N.A.	250	Information and communication technologies
4	City University of Hong Kong	180	N.A.	Information and communication technologies
5	City University of Hong Kong	720	510	Nanotechnology and materials science
6	City University of Hong Kong	600	N.A.	Information and communication technologies
7	City University of Hong Kong	390	N.A.	Information and communication technologies
8	City University of Hong Kong	230	N.A.	Information and communication technologies
9	City University of Hong Kong	N.A.	340	Electronics
10	City University of Hong Kong	600	510	Information and communication technologies
11	City University of Hong Kong	N.A.	360	Information and communication technologies
12	City University of Hong Kong	N.A.	510	Information and communication technologies
13	City University of Hong Kong	N.A.	340	Information and communication technologies
14	City University of Hong Kong	280	290	Electronics
15	City University of Hong Kong	N.A.	360	Information and communication technologies

Serial number of technology start-up	University that submitted the recommendation	Amount of funding approved		Technology area
		2014-15 ($'000)	2015-16 ($'000)	
16	City University of Hong Kong	520	360	Information and communication technologies
17	Hong Kong Baptist University	450	1,080	Testing and certification
18	Hong Kong Baptist University	1,000	1,080	Nanotechnology and materials science
19	Hong Kong Baptist University	1,000	N.A.	Environmental protection
20	Hong Kong Baptist University	1,100	1,100	Biotechnology
21	Hong Kong Baptist University	450	740	Biotechnology
22	The Chinese University of Hong Kong	510	N.A.	Electronics
23	The Chinese University of Hong Kong	N.A.	300	Biotechnology
24	The Chinese University of Hong Kong	N.A.	300	Information and communication technologies
25	The Chinese University of Hong Kong	500	300	Biotechnology
26	The Chinese University of Hong Kong	N.A.	300	Biotechnology
27	The Chinese University of Hong Kong	N.A.	100	Information and communication technologies
28	The Chinese University of Hong Kong	490	340	Biotechnology
29	The Chinese University of Hong Kong	N.A.	300	Biotechnology
30	The Chinese University of Hong Kong	500	300	Biotechnology
31	The Chinese University of Hong Kong	510	300	Biotechnology
32	The Chinese University of Hong Kong	490	N.A.	Information and communication technologies
33	The Chinese University of Hong Kong	N.A.	100	Textiles / Apparel / Footwear
34	The Chinese University of Hong Kong	500	430	Biotechnology
35	The Chinese University of Hong Kong	N.A.	300	Electronics
36	The Chinese University of Hong Kong	N.A.	300	Biotechnology
37	The Chinese University of Hong Kong	N.A.	300	Advanced manufacturing technology / Process development
38	The Hong Kong Polytechnic University	N.A.	100	Environmental protection

Serial number of technology start-up	University that submitted the recommendation	Amount of funding approved		Technology area
		2014-15 ($'000)	2015-16 ($'000)	
39	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
40	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
41	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
42	The Hong Kong Polytechnic University	N.A.	100	Electronics
43	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
44	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
45	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
46	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
47	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
48	The Hong Kong Polytechnic University	N.A.	1,000	Information and communication technologies
49	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
50	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
51	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
52	The Hong Kong Polytechnic University	N.A.	100	Electronics
53	The Hong Kong Polytechnic University	N.A.	100	Information and communication technologies
54	The Hong Kong Polytechnic University	N.A.	100	Electronics

Serial number of technology start-up	University that submitted the recommendation	Amount of funding approved		Technology area
		2014-15 ($'000)	2015-16 ($'000)	
55	The Hong Kong University of Science and Technology	600	500	Nanotechnology and materials science
56	The Hong Kong University of Science and Technology	450	N.A.	Information and communication technologies
57	The Hong Kong University of Science and Technology	N.A.	700	Advanced manufacturing technology / Process development
58	The Hong Kong University of Science and Technology	600	300	Information and communication technologies
59	The Hong Kong University of Science and Technology	N.A.	200	Energy
60	The Hong Kong University of Science and Technology	400	200	Nanotechnology and materials science
61	The Hong Kong University of Science and Technology	400	N.A.	Electronics
62	The Hong Kong University of Science and Technology	N.A.	450	Electronics
63	The Hong Kong University of Science and Technology	600	500	Biotechnology
64	The Hong Kong University of Science and Technology	N.A.	700	Biotechnology
65	The Hong Kong University of Science and Technology	450	450	Information and communication technologies
66	The University of Hong Kong	N.A.	600	Information and communication technologies
67	The University of Hong Kong	150	150	Information and communication technologies
68	The University of Hong Kong	300	100	Information and communication technologies
69	The University of Hong Kong	N.A.	800	Biotechnology
70	The University of Hong Kong	450	200	Information and communication technologies
71	The University of Hong Kong	820	600	Biotechnology
72	The University of Hong Kong	750	400	Biotechnology
73	The University of Hong Kong	650	300	Biotechnology

Serial number of technology start-up	University that submitted the recommendation	Amount of funding approved		Technology area
		2014-15 ($'000)	2015-16 ($'000)	
74	The University of Hong Kong	680	400	Biotechnology
75	The University of Hong Kong	200	200	Information and communication technologies
76	The University of Hong Kong	N.A.	250	Electronics

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0088)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the work in 2016–17, the Commission will nominate entries for the State Science and Technology Awards.   Would the Government inform this Committee of:

1)   the mechanism for nomination of entries, including the nomination criteria, the number of entries to be nominated and the relevant information;

2)   whether the Government has provided any support for the nomination of entries for the Awards; and

3)   the expenditure involved in the relevant work?

Asked by: Hon IP Kwok-him (Member Question No. 40)

Reply:

In 2016-17, as entrusted by the National Office for Science and Technology Awards (NOSTA), we will continue to coordinate and submit nominations from the Hong Kong Special Administrative Region (HKSAR) for the 2017 State Technological Invention Award and the State Scientific and Technological Progress Award.

NOSTA will announce the rules on nomination for the 2017 Awards in the second half of 2016.   As with previous arrangements, the Innovation and Technology Commission will list out the information on its website to facilitate the submission of applications by interested parties.   Generally speaking, a candidate for nomination must be either a resident of the HKSAR of Chinese nationality or a person of Chinese nationality who has engaged in scientific research and technological development in the HKSAR in compliance with the Regulation on National Awards for Science and Technology and its detailed rules for implementation.   The candidate should have made outstanding innovative contributions in

the areas of scientific discovery, technological invention and promoted the progress of science and technology. The candidate's major scientific research and technological development achievements must be conducted and completed in the HKSAR.

The HKSAR Government will receive applications and arrange for assessment by relevant experts and academics in accordance with the rules provided by NOSTA, and assist the nominated entries in completing the submission procedures. The expenditure on the relevant work is mainly for publication of newspaper advertisements to announce the opening of applications and verification of intellectual property rights of the received entries. The estimated expenditure is approximately HK$50,000.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2782)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government plans to set up a $2 billion Innovation and Technology Venture Fund (ITVF) to co-invest with private venture capital funds on a matching basis in local technology start-ups.   Would the Government inform this Committee of the following:

(1)   As the ITVF will co-invest with private venture capital funds on a matching basis, will a set of criteria be set for determining whether a particular local technology start-up should be invested?   If yes, what are the details?   If not, what are the reasons?

(2)   After the ITVF has selected a technology start-up for investment, will there be a set of criteria for assessing the expenditure required for investing in the technology start-up? If yes, what are the details?   If not, what are the reasons?

(3)   Will an upper limit on the investment of ITVF for each start-up be set?   If yes, what are the details?   If not, what are the reasons?

(4)   As the ITVF plans to co-invest with private venture capital funds, is there a list of private venture capital funds eligible for participating in this scheme?   If yes, what are the selection criteria and other details?   If not, what are the reasons?

Asked by: Hon Mrs Regina IP LAU Suk-yee (Member Question No. 2)

Reply:

The Government has earmarked $2 billion to set up the Innovation and Technology Venture Fund (ITVF), which is a policy breakthrough of the Government serving to help create a vibrant start-up ecosystem.   The ITVF will co-invest with selected private venture capital funds in Hong Kong's innovation and technology start-ups on a matching basis with an investment ratio of about 1:2.

The Government will formulate the operational details of the ITVF later, including the criteria in selecting private venture capital funds and the terms and conditions of investment caps, etc., and plans to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

<div align="center">- End -</div>

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2783)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government plans to expand the Science Park in stages to provide additional floor area of 70 000 square metres for start-ups and other technology companies by 2020.   Would the Government inform this Committee of the following:

(1)   What is the estimated number of start-ups and technology companies that the floor area of 70 000 square metres can accommodate?
(2)   What is the estimated price per square metre of the expanded floor area of 70 000 square metres?   What is the average rent of each unit?
(3)   Has the Government considered providing rent concessions to start-ups and other technology companies in future?   If yes, what are the details?   If not, what are the reasons?

Asked by: Hon Mrs Regina IP LAU Suk-yee (Member Question No. 3)

Reply:

To tie in with the development of innovation and technology (I&T), the Hong Kong Science and Technology Parks Corporation (HKSTPC) plans to expand the Science Park in phases. Stage 1 of the expansion programme involves the construction of 2 building blocks (14-storey and 15-storey) on the vacant western corner of the Science Park Phase 3 site and the existing transport terminus (covering about 1.18 hectares), providing an additional floor area of 70 000 square metres for use by start-ups and other technology companies.   The HKSTPC has not estimated the number of companies/enterprises to be accommodated as it is subject to the space to be occupied by individual organisations.   The development cost of the expansion programme is estimated at $4.4 billion.   Subject to the funding approval by the Legislative Council within this legislative term, the construction work will commence in the second half of 2016 and is expected to be completed in 2020.

The HKSTPC has been operating in accordance with prudent commercial principles.   The rents and management fees charged are determined by the Board of Directors according to the market level, and reviewed every year with reference to the results of market surveys conducted by independent estate surveyors.   The objective is to provide a suitable ecosystem for Hong Kong's technology community at reasonable rental values so as to promote Hong Kong's I&T development.   It is expected that the rental level of the expanded area will be comparable with that of other offices in the Science Park by then.

On start-ups, the HKSTPC has been providing systematic support to start-ups through its technology incubation programmes, including the provision of subsidised office space, various financial aid packages and networking platforms, dissemination of information and market intelligence, promotion and attraction of overseas investments, as well as development of promotion and market channels etc.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0953)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

As mentioned by the Financial Secretary, the Hong Kong Science and Technology Parks Corporation (HKSTPC) is considering promoting smart production and research at the Tseung Kwan O Industrial Estate (IE).   Advanced manufacturing industries using robotics and information technology will be brought together to drive the development of the entire value chain, covering product research and development, design, production, testing, as well as marketing and branding.   It is estimated that this project will cost $8.2 billion and will be completed in 2021-22.   What is the current progress of the study?   Will the project be completed in phases?   What will the $8.2-billion cost be used for?

Asked by: Dr Hon LAM Tai-fai (Member Question No. 3)

Reply:

The Government has revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation".   In future, the Hong Kong Science and Technology Parks Corporation ("HKSTPC") will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories.   The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion, mainly used for related building cost and engineering consultancy fees.   The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created.   It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council (LegCo).   Subject to the funding approval by the LegCo within this legislative term, the first project is expected to be completed in 2020 at the soonest, and the entire project will be wholly completed around 2021-22.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0981)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Innovation and Technology Bureau will formulate policies to promote "re-industrialisation" through the development of smart production and high value-added industries.   How much expenditure and manpower will be earmarked by the Government to promote "re-industrialisation"?   What are the details of the plan?   Will performance indicators be set for the purpose of adjusting and modifying the target industries for promoting "re-industrialisation" timely?   If yes, what are the details; if not, what are the reasons?

Asked by: Dr Hon LAM Tai-fai (Member Question No. 41)

Reply:

The Government and the Hong Kong Science and Technology Parks Corporation (HKSTPC) have revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation".   In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion. The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created. It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council (LegCo).   Subject to the funding approval by the LegCo within this legislative term, the first project is expected to be completed in 2020 at the soonest, and the entire project will be wholly completed around 2021-22.

We will continue to work closely with the HKSTPC on implementing the above measures. In addition to the existing manpower, we have created 2 additional posts under Programme (5), which include 1 Executive Officer II and 1 Assistant Clerical Officer, to support the relevant infrastructural projects. The total expenditure on the annual emoluments of the above additional posts is about $700,000.

We will explore with various stakeholders for suitable key performance indicators of "re-industrialisation" to ensure that the target industries can meet the development needs of Hong Kong.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3187)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

During 2016-17, the Innovation and Technology Bureau will monitor the implementation of the expansion plan of the Hong Kong Science Park and the new Industrial Estate (IE) policy.   What are the work details and the expenditure and manpower involved?

Asked by: Dr Hon LAM Tai-fai (Member Question No. 68)

Reply:

The Government and the Hong Kong Science and Technology Parks Corporation (HKSTPC) have revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology (I&T) industries with a view to promoting "re-industrialisation".   In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion. The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created. It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council (LegCo).   Subject to the funding approval by the LegCo within this legislative term, the first project is expected to be completed in 2020 at the soonest, and the entire project will be wholly completed around 2021-22.

To promote the trend of I&T development, the HKSTPC plans to expand the Science Park in phases.   Stage 1 of the expansion programme involves the construction of 2 building blocks (14-storey and 15-storey) on the vacant western corner of the Phase 3 site and the existing transport terminus (covering about 1.18 hectares), providing an additional floor area

of 70 000 square metres for use by start-ups and other technology companies. The development cost of the expansion programme is estimated at $4.4 billion. Subject to the funding approval by the LegCo within this legislative term, the construction work will commence in the second half of 2016 and is expected to be completed in 2020.

We will continue to work closely with the HKSTPC on implementing the above measures. In addition to the existing manpower, we have created 2 additional posts under Programme (5), which include 1 Executive Officer II and 1 Assistant Clerical Officer, to support the relevant infrastructural projects. The total expenditure on the annual emoluments of the above additional posts is about $700,000.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3189)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Innovation and Technology Commission administers the Technology Start-up Support Scheme for Universities (TSSSU).   The TSSSU provides funding support, initially for 3 years from 2014–15, to 6 local universities to encourage their professors, students,   etc. to start technology businesses, bring research and development (R&D) results from the campus to the real world, and facilitate the realisation of R&D results.   What are the work progress, the expenditure and manpower involved, the amount of funding provided to the universities, the number of students benefitted and the effectiveness of the TSSSU?

Asked by: Dr Hon LAM Tai-fai (Member Question No. 72)

Reply:

The Innovation and Technology Commission launched, under the Innovation and Technology Fund (ITF), the Technology Start-up Support Scheme for Universities (TSSSU) in September 2014 to encourage the teams of 6 local universities to start technology businesses, bring research and development (R&D) results from the campus to the real world, and facilitate the realisation of R&D results.   An annual funding of up to $4 million is provided to each of the 6 local universities under the Scheme.   Each funded technology start-up may receive up to $1.2 million each year for no more than 3 years.

In 2014-15 and 2015-16, 36 and 66 technology start-ups were funded respectively (26 of them were funded for 2 consecutive years), with a respective amount of funding at approximately $19 million and $22.6 million.   Over 200 team members of the technology start-ups were students/graduates.   According to the information provided by the universities, individual technology start-ups have made achievements in the realisation of their R&D results, such as being invested by venture capital companies and awarded international awards.   The Government will continue to administer the TSSSU and will review the funding arrangements in 2016-17.

The TSSSU is one of the work activities under Programme (3) "Promotion of Technological Entrepreneurship". The estimated expenditure under Programme (3) for 2016-17 is $21.6 million, which is mainly for salaries and general departmental expenses. We do not have the required breakdown of the departmental expenses and salaries. The funding provided under the TSSSU comes from the ITF.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4403)

Head: (155) Government Secretariat : Innovation and Technology
                             Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

In 2016-17, the Innovation and Technology Bureau will "promote the collaboration with
Mainland and overseas science and research institutions".   Please list out the specific work
details, the year plan in 2016-17, names of collaborating targets, current progress, work
schedule and the number of personnel involved.

Asked by: Hon Alan LEONG Kah-kit (Member Question No. 61)

Reply:

We, together with the industry supporting organisations such as the 5 Research and
Development (R&D) Centres, the Hong Kong Science and Technology Parks Corporation
and the Hong Kong Productivity Council, have been promoting in the Mainland and other
places Hong Kong's role as the regional innovation and technology (I&T) centre as well as
the services provided by various supporting organisations.   In future, we will continue to
take forward the work in this area.

We launched the Hong Kong-Israel R&D Co-operation Programme with Israel jointly in
December 2015 to encourage co-operation on industrial R&D projects between Hong Kong
and Israeli enterprises.   We will continue the related work in 2016-17.

Besides, we are proactively promoting the collaboration between Hong Kong and the
world's top-notch science and research institutions.   For example, both the Karolinska
Institutet of Sweden and the Massachusetts Institute of Technology of the United States
have announced the setup of overseas bases in Hong Kong to bring students, scholars and
entrepreneurs from Europe, the United States and Hong Kong together to carry out
innovative and scientific research work.

On co-operation with the Mainland, we will continue to promote the collaboration on Partner State Key Laboratories, Hong Kong Branches of Chinese National Engineering Research Centres, National High-tech Industrialisation Partner Base and Guangdong-Hong Kong Technology Co-operation Funding Scheme with such Mainland authorities as the Ministry of Science and Technology, the Guangdong Provincial Department of Science and Technology, the Science and Technology Innovation Commission of Shenzhen Municipality. Hong Kong's research institutions such as universities and R&D Centres as well as I&T enterprises will be encouraged to enhance co-operation with the Mainland in different areas of scientific research.

At present, 50% of the R&D work of a funded project under the Innovation and Technology Fund can be conducted outside Hong Kong. This arrangement will facilitate local research institutions to enhance co-operation with organisations from the Mainland and other places.

The above measures are part of the work mentioned under Programme (3) "Promotion of Technological Entrepreneurship" and Programme (4) "Planning for Innovation and Technology Development". As departmental officers undertake multiple duties at the same time, no separate breakdown figure is available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2759)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

How many resources will be deployed by the Government to:

1.   support the activities of the Research and Development (R&D) Centres, in particular the technology transfer of funded projects; and

2.   administer the R&D Cash Rebate Scheme to reinforce the research culture among companies?

Please list out the work details.

Asked by: Hon Andrew LEUNG Kwan-yuen (Member Question No. 6)

Reply:

The required information is provided below:

1.   The expenditure of the Research and Development (R&D) Centres includes operating expenditure and R&D expenditure.

     Operating Expenditure

     The operating expenditure of 4 R&D Centres (i.e. the Automotive Parts and Accessory Systems R&D Centre (APAS), Hong Kong Research Institute of Textiles and Apparel (HKRITA), R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM) and Nano and Advanced Materials Institute (NAMI)) is met by the funding under the Innovation and Technology Fund (ITF) approved by the Finance Committee of the Legislative Council.   The operating expenditure of the R&D Centre for Information and Communications Technologies (ICT) under the Hong Kong

Applied Science and Technology Research Institute (ASTRI) is funded by the Government's annual recurrent subvention to ASTRI (which is separately set out under Programme (7) "Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited").

The estimated operating expenditure of the 5 R&D Centres in 2015-16 is as follows:

	Operating expenditure in 2015-16 (revised estimate) ($ million)
APAS	14.0
ICT under ASTRI	141.5
HKRITA	26.6
LSCM	30.0
NAMI	57.2
Total:	269.3

Note: The operating expenditure of ICT under ASTRI is funded by the Government's annual recurrent subvention to ASTRI.

R&D Expenditure

The R&D expenditure of the 5 R&D Centres is supported by the ITF on individual R&D project basis. The estimated amount of funding for R&D expenditure of the 5 R&D Centres in 2015-16 is as follows:

	Amount of funding for R&D expenditure in 2015-16 (revised estimate) ($ million)
APAS	29.0
ICT under ASTRI	214.1
HKRITA	43.3
LSCM	52.6
NAMI	51.1
Total:	390.1

R&D Cash Rebate Scheme

2. The R&D Cash Rebate Scheme was introduced in April 2010 with the objective to reinforce the research culture among companies and encourage them to establish stronger partnership with local research institutions. The total number of projects with cash rebate applications approved in 2015 was 219, involving a total cash rebate amount of over $48 million. Since 24 February 2016, the Government has increased the level of cash rebate under the Scheme from 30% to 40% to encourage private enterprises to put more resources into R&D works.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2760)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

How will the Hong Kong Productivity Council make use of this year's provision to perform the following duties:

1.   to provide integrated support to innovative and growth-oriented Hong Kong companies across the value chain, particularly supporting the manufacturing industry and related service industries;

2.   to assist local manufacturers in industrial upgrading, business transformation or relocating their operations under the challenges of the Mainland's processing trade policy; and

3.   to enhance its support to Hong Kong companies operating in the Pearl River Delta, through subsidiary consulting firms set up in Guangzhou, Shenzhen and Dongguan?

Asked by: Hon Andrew LEUNG Kwan-yuen (Member Question No. 7)

Reply:

The requested information is provided below:

1.   In 2016-17, the Hong Kong Productivity Council (HKPC) will focus on promoting and providing support services in areas such as 3D printing, Industry 4.0, "Made in China 2025", automation, intelligent robotics technology, carbon reduction, green transportation, etc.   The objective is to provide one-stop solutions to different industries, in particular the manufacturing industry and related service industries, to

improve their technology level, promote their innovation and sustainable development and support Hong Kong companies to embrace re-industrialisation.

2.   The HKPC will continue to administer the Enterprise Upgrading and Transformation Subvention Scheme for Hong Kong-owned companies collaboratively launched with a number of municipal governments in the Mainland to conduct assessments for Hong Kong-owned enterprises and provide them with consultancy services so as to assist Hong Kong companies in effective upgrading, transformation and relocation.   The HKPC will also enhance the services on promoting new technology development, training and enterprise innovation to meet the challenges of the processing trade in the Mainland.

3.   The HKPC's wholly-owned subsidiary consulting firms in the Mainland provide integrated support to Hong Kong-owned factories operating in the Pearl River Delta, including consultancy on technology upgrade, consultancy on environmental protection technology, management consultancy and relevant training, and to assist Hong Kong-owned enterprises in enhancing technical and management capabilities, developing high value-added products and services, as well as enhancing competitiveness.   In 2016-17, the HKPC's subsidiary consulting firms will enhance their support services for Hong Kong-owned factories operating in the Mainland with particular focus on promoting cleaner production and automated production services, and will assist in promoting and implementing the extended Cleaner Production Partnership Programme launched by the Environmental Protection Department to help Hong Kong-owned factories adopt cleaner production technologies to enhance energy efficiency and reduce pollutant emission.   They will also focus on the planning and provision of automation solutions to support Hong Kong companies to embrace re-industrialisation and upgrade to intelligent manufacturing level so as to capitalise on the opportunities brought about by the "Made in China 2025" strategy.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2761)

Head: (155) Government Secretariat : Innovation and Technology
                            Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

1.   How was the provision used to launch the Technology Start-up Support Scheme for
     Universities (TSSSU) in 2015-16 and what are the achievements of the TSSSU?
     How will the Government use the estimated provision to continue administering the
     TSSSU in 2016-17?

2.   What are the achievements of the Internship Programme in 2015-16 and how will the
     Government continue to provide opportunities for graduates from tertiary institutions
     to acquire research and industrial experience, stimulate the interest of graduates in
     applied research and development activities and help create a larger pool of research
     talents through this Programme in 2016-17?   How many financial resources and
     manpower are involved?

Asked by: Hon Andrew LEUNG Kwan-yuen (Member Question No. 8)

Reply:

The requested information is provided below:

1.   The Innovation and Technology Commission launched, under the Innovation and
     Technology Fund, the Technology Start-up Support Scheme for Universities (TSSSU)
     in September 2014 to encourage the teams of 6 local universities to start technology
     businesses, bring research and development (R&D) results from the campus to the real
     world, and facilitate the realisation of R&D results.   An annual funding of up to
     $4 million is provided to each of the 6 local universities under the Scheme.   Each
     funded technology start-up may receive up to $1.2 million annually for no more than 3
     years.   The scope of funding of the TSSSU includes essential items for setting up and
     operating the technology start-ups (e.g. manpower, furniture and equipment, legal and

accounting services, rental of premises, etc.), and expenditure on R&D, promotion and marketing activities.

In 2015-16 (as at end-January 2016), 66 technology start-ups were funded by the 6 local universities, with a total amount of funding at approximately $22.6 million. Since its inception in 2014, 76 technology start-ups have been funded under the TSSSU.   According to the information provided by the universities, individual technology start-ups have made achievements in the realisation of their R&D results, such as being invested by venture capital companies and awarded international awards. The Government will continue to administer the TSSSU and will review the funding arrangements in 2016-17.

2.   In 2015-16 (as at end-January 2016), a total of 302 interns were approved to participate in the Internship Programme, and the average duration of internship of each intern was about 14 months.   The programme has nurtured over 2 000 research interns since its launch in 2004.   Over 60% of interns who had completed this programme either found a job or indicated interest in a future employment in the scientific research field. In 2016-17, the programme will be extended to cover the incubatees and small and medium enterprise tenants in the Cyberport and the Science Park, as well as start-ups to be funded by the Innovation and Technology Venture Fund, so as to encourage more university graduates to enter the field of innovation and technology.   The estimated additional annual expenditure is about $250 million.

- End -

Reply Serial No.

CONTROLLING OFFICER'S REPLY

ITB100

(Question Serial No. 2778)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary indicated in the Budget Speech that the Government will continue to offer comprehensive support to start-ups in various areas such as business incubation, financing, business expansion and office space. Would the Government advise of the following:

1. How will the $200 million earmarked by the Cyberport to invest in start-ups be used? How many enterprises are expected to be assisted?
2. How will the Government's $2 billion Innovation and Technology Venture Fund (ITVF) attract private venture capital funds to participate in the matching? Has the Government estimated the number of start-ups that can be supported in the first year of establishment of the ITVF?
3. While the Government indicated that the Science Park will be expanded, the project concerned is estimated to be completed only by 2020. During this period, will the Government or the Science Park allocate part of its resources to provide office space to the start-ups?

Asked by: Hon Andrew LEUNG Kwan-yuen (Member Question No. 27)

Reply:

The requested information is provided below:

1. The Government announced in the 2016 Policy Address that the Cyberport would allocate $200 million to launch a Cyberport Macro Fund (CMF) for investment in its information and communications technology start-ups with a view to assisting them in attracting more investment from funds. The task force set up by the Board of Directors of the Cyberport is now working on the details of the plan. Details of the CMF will be announced upon discussion by the Board of Directors of the Cyberport.

2.   The Government has earmarked $2 billion to set up the Innovation and Technology Venture Fund (ITVF), which is a policy breakthrough of the Government serving to help create a vibrant start-up ecosystem. The ITVF will co-invest with selected private venture capital funds in Hong Kong's innovation and technology start-ups on a matching basis with an investment ratio of about 1:2.

The Government will formulate the operational details of the ITVF later, such as the criteria in selecting private venture capital funds and the terms and conditions of investment, etc., and plans to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

3.   The Hong Kong Science and Technology Parks Corporation (HKSTPC) will continue to allocate additional resources to implement its technology incubation programmes with a view to providing systematic support to start-ups, including the provision of subsidised office space, various financial aid packages and networking platforms, dissemination of information and market intelligence, promotion and attraction of overseas investments, development of promotion and market channels etc. As estimated by the HKSTPC, the number of incubatees will progressively increase from 238 at present to 320 in the coming 3 years.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2158)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):   (000) Operational expenses

Programme: Not Specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please inform this Committee in tabular form of the establishment, rank, salaries, allowances and job-related allowances of the following items in the estimated expenditure of the Innovation and Technology Commission (ITC) in 2016-17:

· ITC
· Biotechnology Director Team
· Science Advisor Team
· Funding Schemes Division
· Infrastructure Division
· Policy and Development Division
· Quality Services Division
· Administration Division
· Public Relations and Information Unit
· Secretariat of the Hong Kong Council for Testing and Certification

Asked by: Hon LEUNG Kwok-hung (Member Question No. 2015)

Reply:

Details of the directorate and non-directorate civil service posts under the establishment of the Innovation and Technology Commission in 2016-17 are as follows:

(I) Directorate staff:

Total Directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
8	Commissioner for Innovation and Technology (1) Administrative Officer Staff Grade B (1) Administrative Officer Staff Grade C (AOSGC) (3) @ Assistant Commissioner for Innovation and Technology (ACIT) (1) * Executive Administrator (Accreditation) (EA(A)) (1) # Chief Electronics Engineer (CEE)/Chief Electrical and Mechanical Engineer (CEME) (1) #	16,212	-

Notes:
( ) Denotes number of posts.
@ 3 AOSGC posts are created in the Funding Schemes Division, the Policy and Development Division and the Secretariat of the Hong Kong Council for Testing and Certification (HKCTC) respectively.
* The ACIT post is created in the Infrastructure Division.
# The EA(A) and CEE/CEME posts are both created in the Quality Services Division.
~ Personal emoluments include salaries, allowances and job-related allowances.
^ Personnel related expenses include Mandatory Provident Fund contribution and Civil Service Provident Fund contribution.

(II) Non-directorate staff:

	Total Non-directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
Biotechnology Director Team	5	Senior Scientific Officer Scientific Officer	4,158	79

	Total Non-directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
Science Advisor Team	12	Senior Electrical and Mechanical Engineer Electrical and Mechanical Engineer Senior Electronics Engineer Electronics Engineer Scientific Officer Assistant Clerical Officer Clerical Assistant	10,620	417
Funding Schemes Division	28	Senior Administrative Officer Principal Trade Officer Trade Officer Assistant Trade Officer I Assistant Trade Officer II Senior Treasury Accountant Treasury Accountant Senior Executive Officer Executive Officer I Clerical Officer Assistant Clerical Officer Clerical Assistant Personal Secretary I Personal Secretary II	20,522	451
Infrastructure Division	17	Senior Administrative Officer Senior Treasury Accountant Treasury Accountant Trade Officer Assistant Trade Officer I Chief Executive Officer Senior Executive Officer Executive Officer I Executive Officer II Assistant Clerical Officer Clerical Assistant Personal Secretary I	10,886	328

	Total Non-directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
Policy and Development Division	24	Principal Trade Officer Trade Officer Assistant Trade Officer I Assistant Trade Officer II Administrative Officer Chief Executive Officer Senior Executive Officer Executive Officer I Executive Officer II Assistant Clerical Officer Clerical Assistant Personal Secretary I Personal Secretary II	14,934	313

Quality Services Division	89	Chemist
		Senior Electrical and
		  Mechanical Engineer
		Electrical and Mechanical
		  Engineer
		Senior Electronics Engineer
		Electronics Engineer
		Senior Scientific Officer
		Scientific Officer
		Senior Structural Engineer
		Senior Geotechnical
		  Engineer
		Engineer
		Trade Officer
		Principal Technical Officer
		Senior Technical Officer
		Technical Officer
		Executive Officer I
		Executive Officer II
		Senior Clerical Officer
		Clerical Officer
		Assistant Clerical Officer
		Clerical Assistant
		Personal Secretary II
		Senior Typist
		Typist
		Supplies Supervisor I
		Office Assistant
		Motor Driver
		Workman II
			58,935	3,035

	Total Non-directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
Secretariat of HKCTC	10	Administrative Officer Chief Executive Officer Senior Executive Officer Executive Officer II Clerical Officer Assistant Clerical Officer Personal Secretary I	4,732	138
Others (including Administration Division and Public Relations and Information Unit)	32	Chief Executive Officer Senior Executive Officer Executive Officer I Official Languages Officer I Official Languages Officer II Clerical Officer Assistant Clerical Officer Clerical Assistant Senior Personal Secretary Personal Secretary I Personal Secretary II Confidential Assistant Typist Supplies Supervisor I Office Assistant Motor Driver Workman II	13,194	222

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3105)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The level of cash rebate under the Research and Development (R&D) Cash Rebate Scheme will be increased to 40% to encourage private enterprises, small and medium enterprises (SMEs) in particular, to put more resources into R&D works.   Please set out in table form, by large enterprises and SMEs, the respective numbers of enterprises with cash rebate applications approved, the respective average amounts of cash rebate per project, the respective total amounts of cash rebate and their respective percentage shares in the scheme last year.

Please also indicate the number of SMEs with cash rebate applications approved being a subsidiary company or an affiliate enterprise of a large enterprise.

Asked by: Hon LEUNG Kwok-hung (Member Question No. 46)

Reply:

The total number of projects with cash rebate applications approved under the Research and Development Cash Rebate Scheme in 2015 was 219.   The average cash rebate amount per project was about $220,000, involving a total cash rebate amount of over $48 million.   The Scheme is open to large and small enterprises and has benefitted more than 200 enterprises. We do not keep information on the size of the benefitted enterprises.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0642)

Head: (155) Government Secretariat : Innovation and Technology
                         Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development, (2) Fostering
                         University-Industry Collaboration

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Established by the Government in 2015-16, the Innovation and Technology Bureau is
determined to develop Hong Kong into a knowledge-based economy and an innovation hub
for technology and its application in the region.   It is also mentioned in paragraph 55 of
this year's Budget that the Government will introduce and enhance various funding schemes
to encourage more private enterprises to invest in research and development (R&D) and
applied technology, and to translate outstanding local R&D achievement into products and
services with commercial value, which includes, among the 5 measures, the launch of a
Midstream Research Programme for Universities.   In this connection, would the
Government inform this Committee of the following:

1.   What is the total amount of resources put into encouraging private enterprises to invest
     in R&D and applied technology in the past 3 years and its effectiveness?

2.   The Government plans to inject $2 billion to launch the Midstream Research
     Programme for Universities.   What is the funding ceiling for each university under
     the programme?   Are the universities free to choose the key technology areas for
     R&D?   If not, what are the details?

Asked by: Dr Hon Priscilla LEUNG Mei-fun (Member Question No. 8)

Reply:

The requested information is provided as follows:

(1)   The Innovation and Technology Commission encourages private enterprises to invest
      in research and development (R&D) and applied technology mainly through the
      Innovation   and   Technology   Support   Programme   (collaborative   projects),   the

University-Industry Collaboration Programme, the Small Entrepreneur Research Assistance Programme (SERAP) (applications were no longer accepted since 28 April 2015), the Enterprise Support Scheme (launched on 28 April 2015 to replace the SERAP) and the R&D Cash Rebate Scheme. The amounts of funding approved by the Government under the relevant programmes were $175 million, $222 million and $152 million in 2013-14, 2014-15 and 2015-16 (as at end-January 2016) respectively. There were 949 approved projects and applications for cash rebate. Generally speaking, the intellectual property rights arising from these projects belong to the applicant companies, the project outcomes would generally be adopted by the industry partners who will be responsible for their commercialisation.

(2) We propose an additional injection of $2 billion into the Innovation and Technology Fund (ITF) to launch a Midstream Research Programme for Universities under the ITF to encourage University Grants Committee-funded universities to conduct theme-based research in key technology areas. We will set specific research topics (e.g. smart city, healthy ageing, etc.) and encourage the institutions to explore relevant technologies to address these issues.

Key technology areas and specific application details of the programme will be finalised later. We plan to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1757)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (2) Fostering University-Industry Collaboration

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is estimated by the Commission that the number of applications received and processed in 2016 under the University-Industry Collaboration Programme will be 21, which is lower than that of 2014 and 2015.   This runs contrary to the vision of promoting the innovation and technology industry as stated in the Policy Address and the Budget.   What are the reasons for that?

Asked by: Hon Martin LIAO Cheung-kong (Member Question No. 16)

Reply:

As the available resources/incentives/workload, etc. of the universities and the industry vary from year to year, there are variations in the number of applications and funded projects every year.   18, 24 and 22 applications were received under the programme in 2013, 2014 and 2015 respectively.   The estimated number of applications to be received in 2016 is 21, which is projected based on the average number in the past 3 years.   We will continue our efforts in implementing the University-Industry Collaboration Programme to encourage companies and local universities to collaborate in research and development projects of commercial nature.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1758)

<u>Head</u>:   (155) Government Secretariat : Innovation and Technology Commission

<u>Subhead (No. & title)</u>:

<u>Programme</u>:   (3) Promotion of Technological Entrepreneurship

<u>Controlling Officer</u>:   Commissioner for Innovation and Technology (Ms Annie CHOI)

<u>Director of Bureau</u>:   Secretary for Innovation and Technology

<u>Question</u>:

The Commission's estimated financial provision for promotion of technological entrepreneurship for 2016-17 significantly increased by around one-fold compared with the revised financial provision for 2015-16.   On what areas will the increased provision be used?   Would the Commission please provide the estimated expenditure and details of the areas?   What is the estimated expenditure for the three areas of robotics, healthy ageing and smart city which enjoy comparative advantage?

<u>Asked by</u>: Hon Martin LIAO Cheung-kong (Member Question No. 17)

<u>Reply</u>:

The additional financial provision under Programme (3) is mainly earmarked for supporting the establishment and administration of the Innovation and Technology Venture Fund proposed in the 2016 Policy Address, including the costs for creating additional posts as well as the relevant professional services and administrative fees, involving a total annual expenditure of approximately $9 million.

In addition, we will continue to work closely with the Hong Kong Science and Technology Parks Corporation, assist in promoting and publicising the innovation and technology areas where Hong Kong enjoys advantages, such as continuing to build the application platforms for the 3 cross-disciplinary research areas, namely robotics, healthy ageing and smart city, with a view to facilitating technology integration of innovative products.   We do not have a breakdown of expenditure on the relevant work.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1761)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 25 of the Budget Speech that the Government will launch a Pilot Technology Voucher Programme under the Innovation and Technology Fund to subsidise small and medium enterprises (SMEs) in using technological services and solutions to improve productivity and upgrade or transform business processes.   In this connection, how many SMEs are expected to apply for the pilot programme in the coming year?   In addition, what is the estimated number of officers to be assigned to undertake the relevant duties?   What is the estimated expenditure involved?

Asked by: Hon Martin LIAO Cheung-kong (Member Question No. 20)

Reply:

The objective of launching the Pilot Technology Voucher Programme is to subsidise the use of technological services and solutions by local small and medium enterprises (SMEs) to improve productivity, and upgrade, transform or re-tool their business processes.

We plan to provide, on a 2:1 matching basis, a maximum subsidy of $200,000 for each eligible SME.   The pilot programme will be implemented for an initial period of 3 years, with an estimated expenditure of about $500 million.   The programme's specific funding scope, application details and manpower required will be finalised shortly.   We plan to consult the relevant Legislative Council Panel in the second quarter of 2016.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2235)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The estimated financial provision for planning for innovation and technology (I&T) development (Programme (4)) in 2016-17 is only about 8% higher than the revised financial provision in 2015-16.   What are the reasons for that?   What are the respective percentages of the provisions for enhancing public awareness of I&T and organising local promotional events, administering the Internship Programme as well as promoting the development of Chinese medicines (CM) in the total financial provision, and the percentage increase over the past 5 years?

Asked by: Hon Martin LIAO Cheung-kong (Member Question No. 38)

Reply:

The requested information is provided as follows:

(1)   Overview of Financial Provision for Programme (4)

The aim of Programme (4) is to support the formulation and co-ordination of innovation and technology (I&T) policies.   Major work includes:
(a)   providing secretariat support to the Advisory Committee on I&T;
(b)   supporting technology co-operation with the Mainland and other overseas economies;
(c)   organising I&T promotional events and administering the General Support Programme to fund projects which help foster an I&T culture;
(d)   administering the Internship Programme; and
(e)   co-ordinating the promotion of the development of research and development as well as testing of Chinese medicines (CM), etc.

The provision under this Programme is mainly for salary and departmental expenses.

The estimate for 2016-17 is 8.8% (or $3.4 million) higher than the revised estimate for 2015-16. This is mainly due to:

(a) increased provision for salary arising from the creation of 4 civil service posts in 2016-17; and
(b) increased expenses on contract gratuities for non-civil service contract staff.

Indeed, it is natural to have adjustment to the salary expenses under various Programmes as a result of personnel changes in the year. This will not affect our continued efforts to promote the I&T industry proactively.

(2) <u>Breakdown of Expenses and Percentage Increase over the Past 5 Years</u>

We do not have the breakdown and percentage of the departmental expenses and salaries for individual items of enhancing public awareness of I&T and organising local promotional events, administering the Internship Programme, and promoting the development of CM. Nevertheless, the overall estimated provision under this Programme for 2016-17 is $42.2 million, of which $23.8 million (56.4%) is for salary expenses and $18.4 million (43.6%) is for departmental expenses.

The expenditure under this Programme and the percentage increase over the past 5 years are as follows:

Year	2016-17 (Estimate)	2015-16 (Revised estimate)	2014-15	2013-14	2012-13	2011-12
Expenditure ($million)	42.2	38.8	36.9	34.2	34.3	33.7
Percentage increase	8.8%	5.1%	7.9%*	-0.3%	1.8%	-

(* The significant increase in 2014-15 is mainly caused by increased expenses arising from the 2014 civil service pay rise and payment of contract gratuities to non-civil service contract staff.)

- End -

Examination of Estimates of Expenditure 2016-17
Reply Serial No.

ITB108

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0346)

Head: (155) Government Secretariat : Innovation and Technology
                   Commission

Subhead (No. & title):

Programme: (7) Subvention: Hong Kong Productivity Council, Hong Kong
                   Applied Science and Technology Research Institute Company
                   Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The work of the Hong Kong Productivity Council includes providing the industry with
environmental technology support in green manufacturing, environment protection methods
and technology transfer, etc.   In this connection, please advise whether the Government of
the Hong Kong Special Administrative Region has considered allocating additional
resources on the existing basis to establish a "Centre for Industrialization and Development
of Environmental Protection Technologies, so as to support the environmental industry in
developing environment protection technologies and evaluating new technologies, as well as
to promote cross-boundary technology transfer and co-operation.   If yes, what are the
details; if not, what are the reasons?

Asked by: Ir Dr Hon LO Wai-kwok (Member Question No. 9)

Reply:

The Hong Kong Productivity Council (HKPC) has been striving to provide integrated
support services to assist the industry in enhancing international competitiveness and
meeting the sustainability requirements.   Its environmental technology support services
assist the industry in complying with relevant environmental legislation and regulations, and
enhance enterprises' efficiency in using resources and energy with a view to improving
cost-effectiveness.   In addition, the HKPC's wholly-owned subsidiary consulting firms in
the Mainland assist in promoting and implementing the extended Cleaner Production
Partnership Programme launched by the Environmental Protection Department to help Hong
Kong-owned factories adopt cleaner production technologies so as to enhance energy
efficiency and reduce pollutant emission.   The HKPC also actively develops different types
of environmental technologies, including new sewage treatment technology, air pollution
control technology, energy-saving technology and green manufacturing technology, etc.,

and promotes and transfers such technologies to the industry by providing consultancy services and organising seminars and exhibitions, etc.

The Innovation and Technology Commission will, through the Innovation and Technology Fund (ITF), continue to encourage and support local universities, Research and Development (R&D) Centres, the HKPC and private companies, etc., to conduct R&D projects related to the support of environmental technology so as to enhance the industry's technology level.   In the past 5 years (i.e. 2011-12 to 2015-16 (up to end-February 2016)), a total funding of $106 million was granted under the ITF for carrying out 47 R&D projects related to the support of environmental technology.

In addition, the Recycling Fund set up by the Government of the Hong Kong Special Administrative Region with a total funding of $1 billion was officially launched in October 2015 to assist the recycling industry in enhancing its operational capability and efficiency and to promote its sustainable development.   The Enterprise Support Programme under the Recycling Fund helps individual enterprises upgrade and expand their waste recycling operations in Hong Kong.   Besides, the Industry Support Programme under the Recycling Fund provides funding for non-profit distributing organisations such as professional bodies, trade and industry organisations, research institutes and industry support organisations to enhance the operational standard and productivity of the recycling industry.   The industry may also apply for funding to transfer mature or proven new technologies from other places for adoption in Hong Kong.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1406)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary announced that the Government would increase the level of cash rebate under the Research and Development (R&D) Cash Rebate Scheme to 40% to encourage more private enterprises, small and medium enterprises in particular, to put more resources into R&D works.   In this connection, please advise whether the Government, based on the same policy objective, has also considered calls from the technology industry to expand its scope beyond "companies participating in applied R&D projects funded under the Innovation and Technology Fund or conducted in partnership with designated local public research institutions", and to further enhance the Scheme.   If yes, what are the details; if not; what are the reasons?

Asked by: Ir Dr Hon LO Wai-kwok (Member Question No. 19)

Reply:

We review the implementation and effectiveness of the Research and Development Cash Rebate Scheme and introduce enhancement measures from time to time.   For example, we extended the scope of the Scheme in April 2015 to cover private companies participating in the new Enterprise Support Scheme, so that more companies (including small and medium enterprises) will benefit.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1407)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary announced that the Government would inject $2 billion to launch a Midstream Research Programme for Universities to provide funding support for universities to carry out more midstream and applied research projects in key technology areas.   In this connection, please advise whether conditions will be set to foster collaboration between universities and the technology sector when implementing the programme, with a view to promoting "the commercialisation of technology outcomes and the industrialisation of products".   If yes, what are the details; if not, what are the reasons?

Asked by: Ir Dr Hon LO Wai-kwok (Member Question No. 20)

Reply:

We propose an additional injection of $2 billion into the Innovation and Technology Fund (ITF) to launch a Midstream Research Programme for Universities under the ITF and use the investment income generated to encourage University Grants Committee-funded universities to conduct theme-based research in key technology areas.   We will set specific research topics (e.g. smart city, healthy ageing, etc.) and encourage the institutions to explore relevant technologies to address these issues.

Specific details of the programme will be finalised later.   We plan to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1408)

Head: (155) Government Secretariat : Innovation and Technology
                              Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

At present, the Innovation and Technology Commission will discuss with the Mainland on technology co-operation at the central, regional, provincial and municipal levels through various co-operation mechanisms, including the Mainland/Hong Kong Science and Technology Co-operation Committee, the Pan-Pearl River Delta Joint Conference on Regional Co-operation in Science and Technology, the Guangdong/Hong Kong Expert Group on Co-operation in Innovation and Technology, and the Steering Group on Shenzhen/Hong Kong Co-operation in Innovation and Technology, etc.   In this connection, please advise of the following:

1.   What were the major discussion results from the above mechanisms in the past 3 years?   Has the Government taken follow-up actions timely and assessed the operational effectiveness of the above mechanisms?   If yes, what are the details; if not, what are the reasons?

2.   Will the Government consider making use of the above mechanisms to tie in with our country's Belt and Road development strategy, thereby actively driving the industries of both places to participate in regional co-operation on technology research and development?   If yes, what are the details; if not, what are the reasons?

Asked by: Ir Dr Hon LO Wai-kwok (Member Question No. 21)

Reply:

The requested information is provided below:

1.   We have been proactively promoting Hong Kong/Mainland collaboration through the co-operation mechanisms with the Mainland.   The major outcomes in the past 3 years include:

-　　We completed the application exercise for Partner State Key Laboratories (PSKLs) with the Ministry of Science and Technology (MOST) in 2013-14. There are 16 PSKLs in Hong Kong at present.

-　　We completed the application exercise for Hong Kong Branches of Chinese National Engineering Research Centres (CNERCs) with MOST in 2015.　　There are a total of 6 Hong Kong Branches of CNERCs at present.

-　　The Hong Kong Science Park was designated by MOST as the Hong Kong National Modern Services Industrialisation (Partner) Base and the Hong Kong National High-tech Industrialisation (Partner) Base for Integrated Circuits in 2013 and 2014 respectively.

-　　In addition, we, together with Guangdong Province and Shenzhen, support cooperation on advanced technology and technology transfer between Hong Kong and the Mainland through the Guangdong-Hong Kong Technology Co-operation Funding Scheme (TCFS).　　From 2013-14 to the end of January 2015-16, a total of 48 TCFS projects were funded under the Innovation and Technology Fund (ITF), involving a funding of over $117 million, of which 36 projects were jointly funded by the relevant government authorities of the Guangdong Province or Shenzhen and the ITF of Hong Kong.

2.　　In future, we will continue our efforts to capitalise on Hong Kong's advantage as a "super connector" to tie in with our country's Belt and Road development strategy, and enhance collaboration with more research institutions in the Mainland and other places.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1680)

Head: (155) Government Secretariat : Innovation and Technology
                          Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget Speech that the Government will set up a $2 billion Innovation
and Technology Venture Fund (ITVF) to co-invest with private venture capital funds on a
matching basis in local technology start-ups.   In this connection, would the Government
advise of:

(1)   the specific details, schedule and manpower of the work, operational expenses of the
      ITVF in 2016-17, estimated provision for each year and whether an upper limit is set;
(2)   the proposed application eligibility and method, the funding ceiling for each approved
      application and the estimated number of applications approved in each year; and
(3)   the criteria of the ITVF for inviting private venture capital funds, whether focus is
      expected to be put on the initial or later stage, the ratio of financing amount of the
      ITVF to that of the start-ups, and the Government's main terms and valuation
      approach used in the matching investment?

Asked by: Hon Charles Peter MOK (Member Question No. 36)

Reply:

The Government has earmarked $2 billion to set up the Innovation and Technology Venture
Fund (ITVF), which is a policy breakthrough of the Government serving to help create a
vibrant start-up ecosystem.   The ITVF will co-invest with selected private venture capital
funds in Hong Kong's innovation and technology start-ups on a matching basis with an
investment ratio of about 1:2.

The Government will formulate the operational details of the ITVF later, such as the criteria
in selecting private venture capital funds and the terms and conditions of investment, etc.,
and plans to consult the relevant Legislative Council (LegCo) Panel in the second quarter of
2016 and seek funding approval from the LegCo Finance Committee subsequently.

We have increased the provision under Programme (3) to support and administer the ITVF, including the costs for creating additional posts as well as the relevant professional services and administrative fees, involving a total annual expenditure of approximately $9 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2291)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 25 of the Budget Speech that the Government will launch a 3-year Pilot Technology Voucher Programme under the Innovation and Technology Fund to subsidise small and medium enterprises (SMEs) in using technological services and solutions to improve productivity and upgrade or transform business processes.   The pilot programme will provide, on a matching basis, a maximum subsidy of $200,000 for each eligible SME.   The estimated expenditure is $500 million.   Would the Government please advise of the following:

(1)   the details of the work commenced for the above pilot programme;

(2)   the work plan, implementation schedule and the manpower and resources needed in 2016-17;

(3)   the proposed standard for approved providers of information technology services and solutions, the estimated number of service providers to be included in the list, and whether incentives will be provided to encourage the adoption of locally-developed products by SMEs;

(4)   the estimated average number of working days needed for processing an application and disbursement of funds;

(5)   whether the Government plans to simplify the procedures of submission of applications, approval and claiming of funds, as well as adopt the online paperless application method for the pilot programme, and integrate technology services provided on a small-value and monthly basis into the pilot programme; and

(6)   the estimated expenditure for publicising the pilot programme and promoting it to various industries?   Please provide details.

Asked by: Hon Charles Peter MOK (Member Question No. 101)

Reply:

The Pilot Technology Voucher Programme's specific funding scope and application details will be finalised later, but in principle we will try to balance between having a simple application process and ensuring that the programme will not be abused. We plan to consult the relevant Legislative Council Panel in the second quarter of 2016.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2292)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget Speech that the Government will increase the monthly allowances of the Internship Programme under the Innovation and Technology Fund (ITF) and extend the programme to cover the incubatees and small and medium enterprises (SMEs) tenants of the Cyberport and the Science Park.   In this connection, please inform this Committee of:

(1)   the research projects funded by the ITF to recruit interns, the research institutions, the number of interns, the areas of the research projects and the funding amount in the past 3 years;

(2)   the percentage of interns which have been employed for 3 or more consecutive years under the programme and the percentage of interns securing a job in the scientific research field after completing the internship;

(3)   the number of internship applications received and processed under the programme and the annual total funding in the past 3 years;

(4)   the estimated number of companies that will be benefited from the increment of allowances and the extension of the programme to cover the incubatees and SMEs tenants of the Cyberport and the Science Park, the number of internship positions involved and the total amount of funding in 2016-17;

(5)   the manpower required and the expenditure involved in increasing the allowances and extending the programme to cover the incubatees and SMEs tenants of the Cyberport and the Science Park; and

(6)   the estimated expenditure and publicity plan for promoting the Internship Programme to the incubatees and SMEs.

Asked by: Hon Charles Peter MOK (Member Question No. 102)

Reply:

The requested information is provided below:

(1) A breakdown of the figures related to the Internship Programme by research area in the recent 3 financial years is tabulated as follows:

Research area	Year	Number of interns approved	Funding amount approved ($ million)	Number of projects	Number of research institutions
Biotechnology	2013-14	56	13.6	31	8
	2014-15	53	12.3	33	15
	2015-16[Note]	33	8.6	24	8
Chinese medicine	2013-14	14	3.1	7	4
	2014-15	10	2.8	6	3
	2015-16[Note]	11	2.3	7	3
Electrical and electronics	2013-14	31	6.0	20	9
	2014-15	29	5.9	19	8
	2015-16[Note]	43	7.7	25	10
Environmental technology	2013-14	12	2.6	8	5
	2014-15	12	2.5	8	5
	2015-16[Note]	12	2.3	7	6
Information technology	2013-14	56	11.2	28	14
	2014-15	72	13.9	42	14
	2015-16[Note]	68	13.7	41	14
Manufacturing technology	2013-14	80	21.6	49	9
	2014-15	80	18.3	47	10
	2015-16[Note]	74	17.0	50	9
Materials science	2013-14	12	2.2	8	7
	2014-15	8	1.4	6	4
	2015-16[Note]	9	1.6	6	4
Nanotechnology	2013-14	40	7.9	26	9
	2014-15	55	11.1	33	6
	2015-16[Note]	52	9.8	33	7
Others	2013-14	8	2.0	4	2
	2014-15	/	/	/	/
	2015-16[Note]	/	/	/	/

Note: as at end-January 2016

(2) Under the Internship Programme, the maximum duration of internship of each intern is 24 months. According to the figures in the past 3 years, the average duration of internship of an intern is about 14 months. Over 60% of interns who had completed the programme either found a job or indicated interest in working in the scientific research field.

(3) The number of applications and the amount of funding under the Internship Programme in the recent 3 financial years is tabulated as follows:

Year	2015-16 (as at end-January 2016)	2014-15	2013-14
Number of applications received and processed	318	341	325
Number of interns approved	302	319	309
Funding amount approved ($ million)	63.0	68.2	70.2

(4) Upon extension of the programme to cover the incubatees and small and medium enterprise tenants of the Cyberport and the Science Park, it is estimated that about 1 000 research companies will be eligible to apply for funding to recruit at most 2 interns per company. The additional expenditure is estimated to be about $235 million each year.

(5) Specific details as well as the manpower arrangements and expenditure on the extension of the programme will be finalised later.

(6) On publicity, we will make use of the existing promotional channels and will enhance communication with target companies through the Cyberport and the Science Park.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2293)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 47 of the Budget that the Hong Kong Science and Technology Parks Corporation (HKSTPC) is considering promoting smart production and research at the Tseung Kwan O Industrial Estate (IE) and developing new high-efficiency industrial buildings at an estimated project cost of $8.2 billion, which is expected to be completed in 2021-22.   Would the Government advise of:

(1)   the details of the Government's work commenced for the above project, whether the design of the new buildings is completed, the scientific research and production facilities expected to be included, the number of companies that can be accommodated to carry out research and development, design and production, as well as the average available floor area for each company;

(2)   the work plan, schedule, and manpower and resources required in 2016-17; and

(3)   the estimated distribution of expenditure, such as the consultation expenses, design and construction fees etc.?

Asked by: Hon Charles Peter MOK (Member Question No. 104)

Reply:

The Government and the Hong Kong Science and Technology Parks Corporation (HKSTPC) have revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation".   In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion, mainly used for related building cost and engineering consultancy fees.   The HKSTPC is

now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created.   It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council (LegCo).   Upon funding approval by the LegCo, the HKSTPC will commence detailed design of the project, including the design of the new buildings, and the research and production facilities to be accommodated, etc. Subject to the funding approval by the LegCo within this legislative term, the first project is expected to be completed in 2020 at the soonest, and the entire project will be wholly completed around 2021-22.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2294)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is indicated that the Government will inject $2.878 billion to the Hong Kong Science and Technology Parks Corporation and provide guarantee for its commercial loan of $1.107 billion for the expansion of the Science Park, expecting to provide an additional floor area of 70 000 square metres.   Would the Government advise of:

(1)   the details of the Government's work commenced for the above project, whether the design of the expansion is completed, the scientific research and production facilities expected to be included, the number of companies that can be accommodated to carry out research and development, design and production;
(2)   the work plan, schedule, and manpower and resources required in 2016-17; and
(3)   the estimated distribution of expenditure, such as the consultation expenses, design and construction fees etc.?

Asked by: Hon Charles Peter MOK (Member Question No. 107)

Reply:

To tie in with the development of innovation and technology, the Hong Kong Science and Technology Parks Corporation (HKSTPC) plans to expand the Science Park in phases. Stage 1 of the expansion programme involves the construction of 2 building blocks (14-storey and 15-storey) on the vacant western corner of the Science Park Phase 3 site and the existing transport terminus (covering about 1.18 hectares), providing an additional floor area of 70 000 square metres for use by start-ups and other technology companies.   The development cost of the expansion programme is estimated at $4.4 billion, mainly used for related building cost and engineering consultancy fees.   Subject to the funding approval by the Legislative Council within this legislative term, the construction work will commence in the second half of 2016 and is expected to be completed in 2020.

We will continue to work closely with the HKSTPC on implementing the above plan. In addition to the existing manpower, we have created 2 additional posts under Programme (5), which include 1 Executive Officer II and 1 Assistant Clerical Officer, to support the relevant infrastructural projects. The total expenditure on the annual emoluments of the above additional posts is about $700,000.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2295)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Replacing the Small Entrepreneur Research Assistance Programme, the Enterprise Support Scheme (ESS) provides funding support for research and development activities of private sector companies, irrespective of size, with the funding ceiling raised to $10 million. The funding scope has been extended as well. These have been implemented for almost a year. Would the Government inform this Committee of:

(1) the expenditure and manpower involved, the estimated average number of working days needed from processing an application to disbursement of funds, and the performance indicators for the processing of applications in the implementation of the ESS;

(2) the number of applications received, the percentage of the number of applications approved in the number of applications received, the total amount of funding approved, and the average amount of funding approved for each company in the past year;

(3) the measures for monitoring the implementation of the ESS; whether the Government has conducted any review and considered introducing enhancement measures for the ESS; if yes, of the relevant details; if not, of the timetable, manpower and resources involved for conducting review and study; and

(4) whether the Government has reviewed and studied on how to process the applications submitted by small and medium enterprises in a more effective and focused manner; if yes, of the relevant details; if not, of the timetable, manpower and resources involved for conducting review and study?

Asked by: Hon Charles Peter MOK (Member Question No. 108)

<u>Reply</u>:

The requested information is provided below:

(1)   The Enterprise Support Scheme (ESS) is part of the major work under Programme (3) "Promotion of Technological Entrepreneurship".   The expenditure under Programme (3) for 2015-16 was $10.7 million, which was mainly for salaries and general departmental expenses.   We do not have the required breakdown of the departmental expenses and salaries.   The funding granted under the ESS comes from the Innovation and Technology Fund.   The ESS has been launched for less than a year. We have to accumulate more data in order to project the processing time required for each application more accurately.   According to the experience gained since the implementation of the ESS, an applicant could be notified of the vetting result the soonest by around 2 months upon submission of all relevant information.

(2)   The ESS was launched in end-April 2015.   As at end-January 2016, a total of 166 applications were received.   Among the 80 processed applications, 14 were approved, accounting for about 17.5% of the processed applications and involving a funding of over $55 million.   The average amount of funding approved for each successful application was about $3.9 million.

(3)   We will continue to process each application as soon as possible, closely monitor the implementation of the ESS and conduct a review on it where appropriate.

(4)   A "designated track" has been introduced under the ESS for applicant companies having less than 100 employees and seeking funding support of no more than $2.8 million per project.   This will enable applications from small and medium enterprises to be handled in a more effective and focused manner.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2296)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 55 of the Budget that the Government will inject $2 billion to launch a Midstream Research Programme for Universities to provide funding support for universities to carry out more midstream and applied research projects in key technology areas.   Would the Government please advise of:

(1)   the expenditure and manpower involved, the estimated annual operating expenditure, and the estimated average number of working days needed from processing an application to disbursement of funds in the implementation of the Midstream Research Programme for Universities;

(2)   the application criteria and procedures of the programme, the estimated average amount of funding approved for each application, the estimated number of applications received each year, and when the injection is expected to be exhausted; and

(3)   whether research and development projects of commercial nature collaboratively conducted by companies and universities will be included in the programme?   If not, what are the reasons; if yes, what are the details?

Asked by: Hon Charles Peter MOK (Member Question No. 113)

Reply:

We propose an additional injection of $2 billion into the Innovation and Technology Fund (ITF) to launch a Midstream Research Programme for Universities under the ITF and use the investment income generated to encourage University Grants Committee-funded universities to conduct theme-based research in key technology areas.   We will set specific research topics (e.g. smart city, healthy ageing, etc.) and encourage the institutions to explore relevant technologies to address these issues.

About 5 additional staff are required to launch the programme, involving an annual expenditure of approximately $3.8 million.

Other details of the programme will be finalised later.   We plan to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2297)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 55 of the Budget Speech that the Government will increase the level of cash rebate under the Research and Development (R&D) Cash Rebate Scheme to 40% to encourage private enterprises, small and medium enterprises in particular, to conduct R&D works, and extend the Public Sector Trial Scheme (PSTS) to cover incubatees of the Cyberport and the Science Park to conduct trials of their R&D results in the public sector, with a view to facilitating commercialisation of R&D results.   In this connection, would the Government advise of:

(1)   the number of applications received, the number of applications approved and its percentage in the total number of applications, and the average amount of cash rebate under the R&D Cash Rebate Scheme in the past 3 years;

(2)   the local public research institutions that conducted the projects with cash rebate applications approved in the past 3 years (please set out in table form);

(3)   the estimated increase in the number of applications after extending the R&D Cash Rebate Scheme, as well as the manpower and resources involved in handling such duties;

(4)   the number of applications received, the number of applications approved and its percentage in the total number of applications under the PSTS, and the trial organisations in the past 3 years (please set out in table form);

(5)   the number of projects with their products successfully commercialised and introduced to the market on completion of the PSTS, as well as its percentage in the total number of PSTS projects in the past 3 years; and

(6)   the estimated increase in the number of applications after extending the PSTS, as well as the manpower and resources involved in handling such duties?

Asked by: Hon Charles Peter MOK (Member Question No. 118)

Reply:

The required information is provided below:

(1) For the past 3 years (i.e. 2013, 2014 and 2015), the total number of projects involving cash rebate applications was 172, 206 and 219 respectively, and all of the applications were approved. The average amount of cash rebate for each project was about $160,000, $210,000 and $220,000 respectively.

(2) For the cash rebate applications in the past 3 years, a breakdown on the number of projects involving designated local public research institutions (i.e. excluding research and development (R&D) projects conducted by companies under the Small Entrepreneur Research Assistance Programme) is tabulated as follows:

Designated local public research institutions	2013	2014	2015
Local universities	44	51	68
Automotive Parts and Accessory Systems R&D Centre	2	5	10
Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies	7	7	7
Hong Kong Research Institute of Textiles and Apparel	12	18	16
Nano and Advanced Materials Institute	9	9	30
Hong Kong Applied Science and Technology Research Institute	45	68	47
Others (including Hong Kong Productivity Council, Vocational Training Council and Hong Kong Institute of Biotechnology)	40	25	23
Total:	159	183	201

(3) The Financial Secretary announced in the 2016-17 Budget that the Government will increase the level of cash rebate under the R&D Cash Rebate Scheme from 30% to 40% to encourage private enterprises to put more resources into R&D works. We expect that the number of applications will increase mildly after the cash rebate level has been raised. The relevant works will be absorbed by existing manpower.

(4) The Public Sector Trial Scheme (PSTS) under the Innovation and Technology Fund (ITF) was launched in 2011 whereby additional funding is provided to completed R&D projects funded by the ITF to cover production of tools/prototypes/samples and conducting trials in the public sector. The number of applications received, the number of applications approved (and its percentage in the total number of

applications), as well as the trial organisations under the PSTS in the past 3 years are detailed in the table below:

	No. of applications	No. of projects approved (percentage in total no. of applications)	Types of trial organisations
2013	23	22 (96%)	- Government departments (e.g. Hong Kong Customs and Excise Department, Highways Department, Hong Kong Police Force)
2014	41	38 (93%)	
2015	32	26 (81%)*	- Hospitals (e.g. Hospital Authority, Hong Kong Sanatorium & Hospital) - Elderly centres (e.g. Tung Wah Group of Hospitals) - Non-government organisations and public bodies (e.g. Hong Kong Housing Society, St. James' Settlement, Hong Kong Sports Institute) - Universities (e.g. University of Hong Kong, Chinese University of Hong Kong) - Trade associations/chambers of commerce (e.g. Hong Kong Intimate Apparel Industries' Association, Hong Kong Sea Transport and Logistics Association)
3-year total	96	86 (90%)	

(* number of projects approved as at the end of January 2016)

(5) Since the inception of the PSTS in 2011, over 110 projects have been approved with funding of over $180 million, benefitting more than 160 organisations of different -categories. Around 60 of these projects have already been completed. Among the completed projects, -the R&D results of over 40 projects have reached the stages of realisation and commercialisation, including -transferring the relevant technology to the industry through licensing agreements or contract research, or continually applied by the relevant public organisations.

(6) We plan to extend the PSTS to cover the incubatees of the Science Park and the Cyberport, with a funding ceiling of $1 million per project. The details as well as the manpower and resources required for extending the PSTS will be finalised later.

- End -

Reply Serial No.

ITB120

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2298)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Would the Government advise of the activities/projects sponsored by the Innovation and Technology Commission for promoting innovation and technology in each of the past 5 years?   Please list, by the names of the sponsored organisations, the titles and natures of the activities/projects, the programmes under which the sponsorships were provided, the dates of the activities/projects, the amounts of sponsorships, and the numbers of sponsored activities/projects of the organisations each year (in descending order)?

Asked by: Hon Charles Peter MOK (Member Question No. 123)

Reply:

Projects for promoting an innovation and technology culture funded by the Innovation and Technology Commission in the past 5 years are tabulated as follows:

**Activities for promoting an innovation and technology culture
funded by the Innovation and Technology Commission
(2011-12 to 2015-16)**

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
2011-2012	The Hong Kong Federation of Youth Groups (HKFYG)	A) InnoTech Month 2011 – Roadshow cum Kick-off Ceremony B) InnoTech Month – 2011 Hong Kong Green Mech Contest C) InnoCarnival 2011 - Innovation and Technology Scholarship Award Scheme Showcase D) InnoCarnvial 2011 - Workshops	8/2011 - 4/2012	1,838,100
	HKFYG	Innovation and Technology Scholarship Award Scheme 2012	10/2011 - 9/2013	2,715,996
	Joint School Science Exhibition Preparation Committee (JSSEPC)	Joint School Science Exhibition (JSSE)	3/2011 - 1/2012	300,000
	The Hong Kong Polytechnic University	A Tale of Two Cities - Hong Kong and Shenzhen	5/2011 - 9/2011	368,000
	Hong Kong Information Technology Joint Council Limited	"Shenzhen/Hong Kong Innovation Circle" Innovation & Technology Exchange Programme	7/2011 - 9/2012	765,000
	The Chinese University of Hong Kong (CUHK)	Technology Themed Tours @ InnoCarnival 2011	8/2011 - 11/2011	178,250

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
	Hong Kong Baptist University (HKBU)	"Traditional Chinese Medicine for Modern Life": Booth production for School of Chinese Medicine of HKBU at InnoCarnival 2011	8/2011 - 11/2011	650,003
	The Boys' and Girls' Clubs Association of Hong Kong (BGCA)	Children and Families Project for Fun and Innovation	8/2011 - 11/2011	385,280
	The University of Hong Kong	Re-engineering Regenerative Medicine: Hong Kong as an Emerging Asian Hub for Biotech and Stem Cell-based Translations	8/2011 - 2/2012	996,981
	Hong Kong Productivity Council (HKPC)	HKPC Pavilion at InnoCarnival	9/2011 - 11/2011	1,046,800
	Hong Kong Applied Science and Technology Research Institute (ASTRI)	Booth production for ASTRI at InnoCarnival 2011	10/2011 - 11/2011	431,398
	Hong Kong Science and Technology Parks Corporation (HKSTPC)	EV Show at InnoCarnival	10/2011 - 11/2011	253,200
	The Young Entrepreneurs Development Council (YDC)	HSBC/YDC Young Entrepreneurs Challenge	11/2011 - 11/2012	1,686,200
	The Hong Kong Institute of Education	Innovations in Science and Environmental Studies	7/2012 - 9/2013	431,250

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
	GS1 Hong Kong Limited	Hong Kong Internet of Things Centre of Excellence	3/2013 - 5/2015	4,423,080
2012-2013	HKFYG	HKFYG Centre for Creative Science and Technology Phase II Development	8/2012 - 7/2014	5,980,090
	HKFYG	A) InnoTech Month 2012 - Roadshow cum Kick-off Ceremony B) InnoCarnival 2012 - Workshops	9/2012 - 5/2013	988,150
	HKFYG	Hong Kong Student Science Project Competition (HKSSPC) 2013	9/2012 - 9/2013	1,682,608
	HKFYG	Innovation and Technology Scholarship Award Scheme 2013	10/2012 - 9/2014	2,640,916
	JSSEPC	JSSE	3/2012 - 1/2013	408,000
	Hong Kong Biotechnology Organization (HKBIO)	HKBIO: a platform to promote and advance the development of biotechnology in Hong Kong	6/2012 - 12/2013	507,200
	CUHK	Fusion between Chinese Cultural Arts and Robotics	7/2012 - 7/2013	1,156,325
	HKPC	Educational Programme to Promote Innovation and Technology via Interactive Exhibits	8/2012 - 11/2012	908,600
	BEAM Society Limited	BEAM Society Limited - InnoCarnival 2012	9/2012 - 11/2012	131,500
	HKSTPC	EV Show at InnoCarnival 2012	9/2012 - 12/2012	269,540
	HKBU	Living a Modern Healthy Life with Traditional Chinese Medicine	9/2012 - 2/2013	649,750

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
	The Hong Kong Association for the Advancement of Science and Technology (HKAAST)	Science and Technology Seedlings 100 Plan	9/2012 - 9/2013	734,200
	ASTRI	Booth production for ASTRI at InnoCarnival 2012	10/2012 - 11/2012	385,000
	BGCA	Children and Families Digital Project for Fun and Innovation	10/2012 - 11/2012	357,388
	Hong Kong Computer Society (HKCS)	Asia Pacific Information and Communications Technology Alliance Awards 2013	10/2012 - 12/2013	1,600,000
	Hong Kong Institute of Contemporary Culture	Make a Difference Ventures Salon	12/2012 - 4/2013	363,200
2013-2014	HKFYG	A) InnoTech Month 2013 - Roadshow cum Kick-off Ceremony B) InnoCarnival 2013 - Workshops	8/2013 - 5/2014	2,118,500
	HKFYG	HKSSPC 2014	9/2013 - 10/2014	1,599,727
	HKFYG	Innovation and Technology Scholarship Award Scheme 2014	10/2013 - 9/2015	2,683,948
	HKPC	HKPC Pavilion cum EV Show at InnoCarnival	9/2013 - 12/2013	1,059,600
	HKPC	To upgrade the technical capability of Hong Kong engineering professionals on lightweight metal product design and manufacturing	12/2013 - 11/2014	758,695

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
	HKPC	"Innovation · Technology · Industries" Microfilm Competition	12/2013 - 11/2014	1,229,000
	YDC	YDC E-Challenge 2013	4/2013 - 11/2013	686,000
	YDC	YDC E-Challenge 2014	3/2014 - 12/2014	700,000
	Gordon Research Conferences (Hong Kong) Limited	Expansion of Gordon Research Conferences in Hong Kong	5/2013 - 8/2013	2,665,940
	Gordon Research Conferences (Hong Kong) Limited	Gordon Research Conferences in Hong Kong 2014	3/2014 - 10/2014	2,175,910
	JSSEPC	JSSE	3/2013 - 1/2014	450,000
	HKBIO	HKBIO – a platform to promote and advance the development of biotechnology in Hong Kong	4/2013 - 10/2013	305,300
	HKCS	Cloud Computing Success Stories Showcase	7/2013 - 3/2014	790,000
	CUHK	Technology Themed Tours @ InnoCarnival 2013	8/2013 - 11/2013	207,920
	Vocational Training Council	InnoShow 2013	8/2013 - 12/2013	899,400
	BGCA	Children and Families Digital Project for Fun and Innovation	9/2013 - 12/2013	678,360
	HKBU	Exhibition at InnoCarnival 2013: "Marching Towards Modern Chinese Medicine: Conservation of Rare Chinese Medicines Resources and Exhibition of Modern Chinese Medicine Technology"	9/2013 - 4/2014	644,000

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
	Hong Kong Business Angel Network Limited	Asian Business Angel Forum 2014	9/2013 - 5/2014	696,400
	HKSTPC	Soft-landing Programme for Technology and Innovation Collaboration	9/2013 - 8/2015	3,525,600
	ASTRI	Booth production for ASTRI at InnoCarnival 2013	10/2013 - 11/2013	395,000
	Hong Kong New Generation Cultural Association (HKNGCA)	New Generation Innovation and Technology Talents Nurturing and Promotion Scheme 2013-2014	10/2013 - 9/2014	564,000
	HKAAST	Science and Technology Seedlings 100 Plan (2nd Batch)	11/2013 - 11/2014	800,000
2014-2015	HKFYG	InnoTech Month 2014 - Roadshows and Workshops	7/2014 - 3/2015	2,312,108
	HKFYG	HKFYG Centre for Creative Science and Technology Phase III Development	8/2014 - 7/2016	6,055,520
	HKFYG	HKSSPC 2015	9/2014 - 9/2015	1,576,636
	HKFYG	Innovation and Technology Scholarship Award Scheme 2015	10/2014 - 9/2016	3,883,280

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
	HKSTPC	To facilitate local universities in commercialising potential research outputs of projects funded under the Innovation and Technology Fund through the experience and network of the commercial arm (responsible for technology transfer) of the University of Oxford, England	5/2014 - 6/2015	1,834,720
	HKSTPC	APAC Innovation Summit 2014 - International Knowledge Transfer Conference cum Hong Kong Technology Showcase	9/2014 - 12/2014	2,667,810
	HKPC	HKPC Pavilion cum EV Show at InnoCarnival 2014	8/2014 - 2/2015	1,081,160
	HKPC	To promote the innovative applications of advanced 3D printing technology in the local community	1/2015 - 1/2016	589,900
	CUHK	Fusion between Chinese Cultural Arts and Robotics (Phase 2)	9/2014 - 2/2016	3,005,030
	CUHK	Innovation and Technology Student Club 2015	4/2015 - 3/2016	580,900
	JSSEPC	JSSE	3/2014 - 1/2015	450,000
	Hong Kong Blind Union	ICT Symposium on e-Accessibility	6/2014 - 11/2014	234,650
	The Hong Kong Institution of Engineers	To promote the application of engineering and technology in health care	7/2014 - 6/2015	828,478

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
	BGCA	Children and Families Digital Project for Fun and Innovation	8/2014 - 12/2014	489,450
	HKBU	Heritage and Innovation of Chinese Medicine	8/2014 - 4/2015	653,200
	ASTRI	Booth production for ASTRI at InnoCarnival 2014	9/2014 - 11/2014	395,000
	YDC	YDC E-Challenge 2015	3/2015 - 12/2015	700,000
	HKNGCA	"Challenge Cup" - Hong Kong University Students Extra-curriculum Technology Contest	4/2015 - 3/2016	1,303,580
	Hong Kong Association for Integration of Chinese-Western Medicine	Integrative Joint Organisational Platform and Survey of Attitudes towards Integration	5/2015 - 5/2017	808,100
2015-2016	HKFYG	InnoTech Month 2015 - Roadshows and Workshops	7/2015 - 4/2016	2,330,700
	HKFYG	HKSSPC 2016	9/2015 - 9/2016	1,597,156
	HKFYG	Innovation and Technology Scholarship Award Scheme 2016	10/2015 - 9/2017	3,214,850
	ASTRI	ASTRI Innovation Runway	7/2015 - 12/2016	1,662,000
	ASTRI	Booth production for ASTRI at InnoCarnival 2015	9/2015 - 11/2015	360,000
	HKPC	HKPC Pavilion cum EV Show at InnoCarnival 2015	9/2015 - 4/2016	1,088,795
	HKPC	Industry-wide Promotional Campaign and Strategy Mapping of "Industry 4.0" – It's Time for Hong Kong to Start Industrial Revolution!	1/2016 - 1/2017	673,312
	JSSEPC	JSSE	3/2015 - 1/2016	450,000

Year	Recipient organisation	Project title	Date of project implementation (month/year-month/year)	Funding amount (HK$)
	Gordon Research Conferences (Hong Kong) Limited	Gordon Research Conferences 2015	4/2015 - 9/2015	2,188,735
	The Academy of Sciences of Hong Kong	Inauguration Ceremony of the Academy of Sciences of Hong Kong cum the 1st Science and Technology Innovation Summit and the 2nd Science and Technology Innovation Summit	7/2015 - 7/2017	3,241,000
	BGCA	Children and Families Digital Project for Fun and Innovation 2015	9/2015 - 2/2016	536,336
	HKBU	Leading a Modern Healthy Lifestyle through Traditional Chinese Medicine	9/2015 - 4/2016	582,590
	HKSTPC	Soft-landing Programme for Technology and Innovation Collaboration (2015-2017)	11/2015 - 10/2017	2,910,000
	The Hong Kong University of Science and Technology	The 17th Asian Physics Olympiad	1/2016 - 1/2017	1,264,901
	HKNGCA	Innovation and Entrepreneurship Programme for University Students 2016	1/2016 - 1/2017	1,702,900

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2300)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget Speech that the Enterprise Support Scheme (ESS) will provide financial support to Fintech start-ups and financial institutions.   In this connection, would the Government please advise of:

(1)   the details of the work commenced for the above project;

(2)   the work plan, implementation schedule and the manpower and resources needed in 2016-17; and

(3)   the proposed funding application criteria and procedures, the estimated average amount of funding approved for each application, the estimated number of applications received each year; the total amount of funding, the funding ceiling for each enterprise, and whether there is a set funding period; when the funding is expected to be exhausted if a maximum total amount of funding applies?

Asked by: Hon Charles Peter MOK (Member Question No. 166)

Reply:

The requested information is provided below:

(1)   Since the launch of the Enterprise Support Scheme (ESS) in end-April 2015 to end-January 2016, a total of 166 applications were received.   Among the 80 processed applications, 14 were approved, involving a funding of over $55 million.

(2)   In 2016-17, we will continue to administer the ESS and receive applications from eligible companies (including Fintech start-ups and financial institutions).   The ESS is part of the major work under Programme (3) "Promotion of Technological

Entrepreneurship".　The estimate under Programme (3) for 2016-17 is $21.6 million, which is mainly for salaries and general departmental expenses.　We do not have the required breakdown of the departmental expenses and salaries.　The funding granted under the ESS comes from the Innovation and Technology Fund (ITF).

(3) Applications can be submitted throughout the year.　An applicant is required to register its organisation and the relevant personnel with the Innovation and Technology Commission Funding Administrative System prior to submitting the application electronically.

A funding of up to $10 million will be granted to each approved project on a matching basis for conducting research and development for a period of no more than 24 months.　As the ESS is a funding scheme under the ITF, there will not be a quota on the number of projects to be funded in 2016-17 as long as the uncommitted balance of the ITF remains positive.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3457)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

On the operation of the Corporate Venture Fund (CVF), would the Government advise of:

(1)   the specific details, schedule and manpower of the work, the operational expenses of the CVF in 2016-17, the estimated provision for each year and whether an upper limit is set;
(2)   the proposed application eligibility and method, the funding ceiling for each approved application and the estimated number of applications approved each year;
(3)   the criteria of the CVF for inviting private venture capital funds, the ratio of financing amount of the CVF to that of the start-ups, and the Government's main terms and valuation approach used in the matching investment; and
(4)   the names, funding amounts and investment returns of the invested start-ups at present?

Asked by: Hon Charles Peter MOK (Member Question No. 156)

Reply:

The Corporate Venture Fund (CVF) set up by the Hong Kong Science and Technology Parks Corporation (HKSTPC) co-invests with angel investors or venture capital funds on a matching basis in start-ups which are current tenants in the Science Park or have participated in its incubation programmes. Eligible start-ups may apply to the HKSTPC. The HKSTPC will also take the initiative to liaise with them for seeking investment opportunities.

The start-ups have to seek investment from angel investors or venture capital funds. In general, the CVF and the new investor will invest at a ratio of 50:50. The maximum amount of CVF investment for each application is $8 million, and the shareholding of the CVF shall be less than 20% post investment.

All investment decisions are made by an investment committee consisting of HKSTPC board members, the Chief Executive Officer and experts from the investment sector.   The daily operation of the CVF is managed by HKSTPC personnel with background and experience in corporate or institutional investment.   The estimated operational expenditure in 2016-17 is about HK$5 million, covering legal and professional services fees, staff salaries, publicity fees and general office expenses.

As at January 2016, the CVF has made investment in a start-up with business focusing on video tutorials.   Moreover, the HKSTPC is now negotiating with several companies. Around 6 investments are expected to be completed in 2016-17.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3470)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned under Programme (2) that the Innovation and Technology Bureau will "examine policy issues and co-ordinate the Government's efforts in promoting innovation and technology" in 2016-17.   Would the Government please provide:

(1)   the number of meetings convened, the meeting agendas and the attendance rate of members for each meeting since the establishment of the Advisory Committee on Innovation and Technology (Advisory Committee) and its working groups; and

(2)   the specific work details and expenditure of the Advisory Committee in 2015-16?

Asked by: Hon Charles Peter MOK (Member Question No. 32)

Reply:

The requested information is provided below:

(1)   A total of 13 meetings have been convened since the establishment of the Advisory Committee on Innovation and Technology (Advisory Committee) and the various working groups. The overall average attendance rate of members exceeds 70%. Members have discussed and advised on issues related to the promotion of Hong Kong's innovation and technology development.

(2)   In 2015-16, the Advisory Committee focused on discussing the following topics: how to create an ecosystem more conducive to innovation, promoting a culture of innovation and scientific research, nurturing talents and promoting the participation and involvement of the industrial and commercial sectors in innovation and scientific research activities, etc.

The Innovation and Technology Commission currently provides secretariat support to the Committee.   The related support services are part of the work under Programme (4) "Planning for Innovation and Technology Development".   The expenditure under Programme (4) in 2015-16 was $38.8 million, mainly for salaries and general departmental expenses.   We do not keep a breakdown of expenditure and salaries on the provision of secretariat support to the Committee.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3473)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

With regard to the operation and statistics of the Hong Kong Applied Science and Technology Research Institute (ASTRI), would the Government please advise this Committee of the following:

(1)   a list of the platform projects, industry collaborative projects (including the 2 categories of projects with industry sponsorship of over 30% and over 50%), contract research and development (R&D) projects and seed projects funded under the Innovation and Technology Fund (ITF) in the past 3 years as well as the collaborating organisations;

(2)   the details of new projects:

	Total number of projects in 2013-14	Number of new projects and its percentage in the total number of projects in 2013-14	Total number of projects in 2014-15	Number of new projects and its percentage in the total number of projects in 2014-15	Total number of projects in 2015-16	Number of new projects and its percentage in the total number of projects in 2015-16
Platform project						
Seed project						

	Industry collaborative project						

(3) the details of the source of income from industry in the past 3 years, including the collaborating organisations and the amount of income;

(4) as at 29 February 2016 in 2015-16:
  (a) the amount of funding from the ITF and the Government;
  (b) the number of ITF-funded platform projects, seed projects and industry collaborative projects;
  (c) the amount of income from industry received and its percentage in the total project cost;
  (d) the client distribution in percentage terms;
  (e) the number of employees;
  (f) the academic qualifications of the research personnel; and

(5) the details of the increase in emoluments of senior executives and research personnel/non-research personnel in the past 3 years?

Asked by: Hon Charles Peter MOK (Member Question No. 138)

Reply:

The requested information is provided below:

(1) Detailed information on Hong Kong Applied Science and Technology Research Institute (ASTRI)'s research and development (R&D) projects funded under the Innovation and Technology Fund (ITF) between 2013-14 and 2015-16 is available at the ITF website: http://www.itf.gov.hk/l-eng/prj_search_index.asp.

(2) The details on ASTRI's new projects in the past 3 years are tabulated below:

	2013-14		2014-15		2015-16 (approved projects as at end-February 2016)	
	Total number of projects	Number of new projects and its percentage in the total number of projects	Total number of projects	Number of new projects and its percentage in the total number of projects	Total number of projects	Number of new projects and its percentage in the total number of projects
Platform project	48	20 (42%)	50	19 (38%)	47	13 (28%)

Seed project	21	9 (43%)	20	17 (85%)	32	20 (63%)
Industry collaborative project	6	3 (50%)	7	3 (43%)	8	3 (38%)

(3) ASTRI's income from industry in the past 3 years is tabulated below (in $ million):

	2013-14	2014-15	2015-16 (as at end-February 2016)
Sponsorship for projects	55.38	52.18	53.79
Licensing/ royalty	8.21	12.11	2.34
Contract services	9.42	12.02	15.71
Patent assignment	13.80	-	-
Others	0.70	0.61	0.15
Total:	**87.51**	**76.92**	**71.99**

Given the agreements between ASTRI and the collaborating institutions, information on the institutions concerned and the respective amounts cannot be disclosed.

(4) As at 29 February 2016 in 2015-16:

(a) ASTRI received Government provision of some $330 million to support its R&D projects and operational expenses.

(b) The number of ITF-funded R&D projects of ASTRI is tabulated below:

	Number of projects
Platform project	47
Seed project	32
Industry collaborative project	8

(c) The income from industry received by ASTRI was about $72 million, accounting for about 32% of the total project cost.

(d) The client distribution of ASTRI is tabulated below:

	Percentage
Hong Kong	65%
Mainland	21%
Overseas	14%

(e) ASTRI has a total number of 495 employees.

(f) The distribution of academic qualifications of ASTRI's research personnel is tabulated below:

	Percentage
Bachelor	20%
Master	52%
PhD	27%
Others	1%

(5) The average increase in emoluments of ASTRI's senior executives and research personnel/non-research personnel in the past 3 years is tabulated below:

	Average increase in emoluments in 2013-14	Average increase in emoluments in 2014-15	Average increase in emoluments in 2015-16
Senior executives (including the top three-tier executives)	5.39%	5.77%	4.2%
Other research personnel/non-research personnel	4.1%	4.97%	4.94%

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5282)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: Not Specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Would the Government advise of the following:

(1)   How many additional civil service posts of information technology (IT) staff were applied by the Innovation and Technology Commission from the Civil Service Bureau (CSB) over the past 3 years?   How many of these posts applied were approved by the CSB (please list by department, year and post title)?

(2)   What were the justifications of the CSB if application of such IT posts were revised or rejected?

Asked by: Hon Charles Peter MOK (Member Question No. 56)

Reply:

The required information is as follows:

(1)   In the past 3 years, there has not been any increase in the civil service posts of information technology staff in the Innovation and Technology Commission.

(2)   It follows from (1) that there was no case of application being revised or rejected.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5287)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: Not specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

In respect of the public relations expenditure of government departments, would the Government inform this Committee of the following:

(1)   The total expenditure of the Innovation and Technology Commission (ITC) for publishing advertisements, sponsored content or advertorials in newspapers registered under the Registration of Local Newspapers Ordinance in the past year as well as the relevant details:

Date of publish (Day /Month/ Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Name of media organisation and newspaper	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)

(2)   The expenditure of the ITC for sponsoring local free-to-air television stations, paid television stations and radio stations to provide information and produce programmes or materials in the past year as well as the relevant details:

Date of broadcast (Day/Month/ Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Media organisation	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)

(3) The media organisations which published or broadcasted advertisements/sponsored content of the ITC in the past 3 years, as well as the frequency and the total expenditure involved (in descending order of amount spent):

Name of media organisation	Frequency	Total expenditure ($)

(4) The websites/network platforms on which the ITC published online advertisements/sponsored content in the past 3 years, as well as the frequency, the duration (days) and the total expenditure involved (tabulated in descending order of amount spent):

Website/ network platform	Content of advertisement	Frequency	Duration (days)	Hit rate, frequency of exposure and number of viewers	Total expenditure ($)

Asked by: Hon Charles Peter MOK (Member Question No. 61)

Reply:

The requested information is provided below:

(1) The total expenditure of the Innovation and Technology Commission (ITC) for publishing advertisements, sponsored content or advertorials in newspapers registered under the Registration of Local Newspapers Ordinance in the past year (since April 2015) as well as the relevant details are as follows:

Date of publish (Day /Month/ Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Name of media organisation and newspaper	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)
4/2015 and 7/2015	Done	Hong Kong Council for Testing and Certification (HKCTC)	Magazine advertisement To introduce the Hong Kong Certification Scheme for Chinese Materia Medica	Traditional Chinese Medicine Today	2	$14,000
16/4/2015 to 15/2/2016	Done	HKCTC	Advertorial To promote Hong Kong's	(1) Ming Pao (2) Sing Tao Daily	18	$685,408

			testing and certification industry	(3) Hong Kong Economic Times (4) Headline Daily (5) Hong Kong Economic Journal (6) The Standard (7) China Daily Hong Kong Edition (8) Economic Digest (9) Oriental Daily News			
22/4/2015 and 27/4/2015	Done	ITC	Advertorial To promote the Innovation and Technology Scholarship Award Scheme	(1) Ming Pao (2) Sing Tao Daily (3) South China Morning Post	6	$368,641.6	
28/7/2015	Done	ITC	"Metrology, accreditation and standards: Necessities in our daily life" To promote the Seminar on the World Metrology Day, World Accreditation Day and World Standards Day 2015	The Standard	1	$15,000	
13/10/2015 and 14/10/2015	Done	ITC	Advertorial To promote the Enterprise Support Scheme	(1) Ming Pao (2) South China Morning Post (3) Sing Tao Daily	3	$183,970.8	
20/10/2015 to 6/11/2015	Done	ITC	Advertisement/ Advertorial/ Special supplement To promote InnoCarnival 2015	(1) Headline Daily (2) Ming Pao (3) Sing Tao Daily (4) Metro Daily (5) The Standard (6) Oriental Daily News (7) am730 (8) Sky Post (9) South China	17	$696,052.8	

					Morning Post (10) Hong Kong Economic Times		
20/11/2015 to 27/11/2015	Done		HKCTC	Advertorial To promote Hong Kong's testing and certification industry, and report on the International Organization for Standardization /Technical Committee 176 Plenary Meeting	(1) Hong Kong Economic Times (2) South China Morning Post (3) China Daily Hong Kong Edition	5	$340,091.6

(2) The expenditure of the ITC for sponsoring local free-to-air television stations, paid television stations and radio stations to provide information and produce programmes or materials in the past year (since April 2015) as well as the relevant details are as follows:

Date of broadcast (Day/Month/Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Media organisation	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)
21/10/2015-31/10/2015	Done	ITC	To promote InnoCarnival 2015	Metro Radio Hong Kong	75	$69,000
25/10/2015-5/11/2015	Done	ITC	To promote InnoCarnival 2015	RoadShow	374 400	$55,000
26/10/2015-6/11/2015	Done	ITC	To promote InnoCarnival 2015	Commercial Radio Hong Kong	90 advertisements, 1 pre-recorded interview and 1 live broadcast at the venue of InnoCarnival 2015	$500,500

(3) The media organisations which published or broadcasted advertisements/sponsored content of the ITC in the past 3 years (since April 2013), as well as the frequency and the total expenditure involved (in descending order of amount spent) are as follows:

Name of media organisation	Frequency	Total expenditure
Commercial Radio Hong Kong	186 advertisements and 2 pre-recorded interviews	$897,680 (including live broadcasts at the venues of InnoCarnival 2014 and InnoCarnival 2015, no breakdown of expenditure on broadcast of advertisements/sponsored content is available)
South China Morning Post	6	$743,385.6
Ming Pao	15	$546,200
Hong Kong Economic Times	11	$517,000
Metro Radio Hong Kong	275 advertisements and 7 pre-recorded interviews	$418,000 (including event production for InnoShow and InnoFiesta at the venues of InnoCarnival 2013 and InnoCarnival 2014)
Sing Tao Daily	15	$399,860
Headline Daily	6	$226,634
Oriental Daily News	6	$221,000
The Standard	17	$217,000
China Daily Hong Kong Edition	4	$107,800
Hong Kong Cable Television	1 045 advertisements	$88,000
Hong Kong Economic Journal	2	$84,000
RoadShow	374 400	$55,000
e-Zone and UMagazine	3	$53,000
Sudden Weekly	2	$37,100
Economic Digest	1	$28,000
Metro Daily	2	$23,000
Sky Post	1	$20,000
Children Science	2	$19,000
PC Market	3	$15,000
am730	1	$14,160

Website/network platform	Content of advertisement	Frequency	Duration	Hit rate, frequency of exposure and number of viewers	Total expenditure
Traditional Chinese Medicine Today	2				$14,000
eCampus Today	3				$10,000

(4) The websites/network platforms on which the ITC published online advertisements/sponsored content in the past 3 years (since April 2013), as well as the frequency, the duration (days) and the total expenditure involved (tabulated in descending order of amount spent) are as follows:

Website/ network platform	Content of advertisement	Frequency	Duration	Hit rate, frequency of exposure and number of viewers	Total expenditure
Yahoo Hong Kong (desktop version and mobile version)	Native advertisement	1	21 days	Frequency of exposure: 3 971 511	$58,000
	Advertorial on the page of Yahoo Travel	1	21 days	Hit rate: 13 199	
e-Zone Facebook Page and U Magazine Facebook Page	Interactive game	3 "News Feeds"	7 days	189 "Likes", 160 "Comments" and 172 "Shares"	$40,000
		2 "News Feeds"	7 days	533 "Likes", 583 "Comments" and 523 "Shares"	
Baby Kingdom	e-newsletter	1	Not applicable	Number of viewers: 25 000	$40,000
Yahoo Hong Kong	To promote the Hong Kong Certification Scheme for Chinese Materia Medica	1	7 days	Hit rate: 1 563 Frequency of exposure: 2 501 254 Viewers were all members of the public	$38,000
Smart Parents Facebook Page	Interactive game	4 "News Feeds"	21 days	219 "Likes", 183 "Comments" and 170 "Shares"	$30,000

Apple Daily (mobile app version)	Flip advertisement	20% share of voice	4 days	Frequency of exposure: 3 572 668 Hit rate: 3 718	$30,000
Apple Daily (desktop version)	Head banner	Daily exposure: 200 000 times	4 days	Frequency of exposure: 800 000	$10,000
Timable	News of events	4	14 days	Not applicable	$5,000
	Facebook posts	2	Not applicable		
	Making recommendations in e-newsletters	2	Not applicable		
Hong Kong Television Network	Network news Feature story (including YouTube)	9	Not applicable	Not applicable	$0
The Standard (desktop version)	Banner	10% share of voice	84 days	Frequency of exposure: 637 533	$0
Hong Kong Education City	Web banner	14% share of voice	21 days	Not applicable	$0

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5308)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: Not specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

(1)   Please tabulate the details concerning the social media platforms set up and run by the Innovation and Technology Commission and its subvented organisations (including outsourced contractors or consultants) in 2015-16 (as at 29 February 2016).

Commencement date (month/year)	Status (updating in progress/ ceased updating)	Policy bureaux/ Subvented organisations	Name	Social media platforms	Purpose of establishment and contents	No. of "likes"/ subscribers/ average monthly visits	Regular compilation of summary of comments and follow-up (yes/no)	Average no. of posts per day and average no. of interactions per post (total no. of "likes", comments and shares)	Ranks and no. of officers responsible for running the platforms	Expenditure for setting up the platforms and daily operational expenses

(2)   Please provide the number of deleted messages and blocked accounts on the above social media platforms.

Asked by: Hon Charles Peter MOK (Member Question No. 82)

Reply:

The requested information is provided below:

(1)   The information concerning the social media platforms set up and run by the Innovation and Technology Commission (ITC), its subvented organisations and the Hong Kong Science and Technology Parks Corporation (HKSTPC) in 2015-16 (as at 29 February 2016) is as follows:

Department/Organisations	ITC	Hong Kong Productivity Council	Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI)	HKSTPC
Commencement date (month/year)	9/2011	(1) 5/2009 (2) 7/2009 (3) 12/2009 (4) 9/2010 (5) 7/2011 (6) 4/2013 (7) 5/2014	(1) 1/2011 (2) 10/2012	(1) 9/2011 (2) 10/2011 (3) 1/2014
Status (updating in progress/ ceased updating)	Keeps on updating	Keeps on updating	Keeps on updating	Keeps on updating
Name	ITC	(1) HKPC (2) HKPC (3) HKPC1967 (4)香港生產力局 (5) Hong Kong Productivity Council (6) 生產力局 (7) HKPC	ASTRI	HKSTPC
Social media platforms	Facebook	(1) YouTube (2) Flickr (3) Twitter (4) Sina Weibo (5) Facebook (6) Youku (7) LinkedIn	(1) YouTube (2) Facebook	(1) Facebook (2) YouTube (3) LinkedIn
Purpose of establishment and contents	To utilise the popular social media to communicate with the public and disseminate relevant information	To keep in touch with existing clients and explore new client base to promote the HKPC's latest news, services, job vacancies and corporate image	(1) To establish a video platform for promoting ASTRI's latest news (2) To build brand awareness for ASTRI and establish a	To utilise the popular social media to communicate with the public

			platform for communicating with the young people	
No. of "likes"/ subscribers/ average monthly visits	Total no. of "likes": 1 859 (as at 10 March 2016) No. of subscribers: not applicable (only has "like" function; no data on subscribers) Average monthly visits: 346 (as at 10 March 2016)	(1) No. of subscribers: 223 / Average monthly visits: about 5 790 (2) No. of subscribers: 8 (3) No. of subscribers: 129 (4) No. of fans: about 7 120 (5) No. of fans: about 14 600 (6) No. of subscribers: 32 / Average monthly visits: about 645 (7) No. of subscribers: about 1 360	(1) Total no. of video views: 20 730; no. of subscribers: 90 (2) Total no. of "likes"/ subscribers: 5 462	(1) Total no. of "likes": 31 419; no. of subscribers: not applicable (only has "like" function; no data on subscribers); average monthly visits: 1 056 (2) No. of video views: 163 662; no. of subscribers: 310 (3) No. of subscribers: 2 254
Regular compilation of summary of comments and follow-up (yes/no)	Yes	No	Yes	Yes
Average no. of posts per day and average no. of interactions per post (total no. of "likes", comments and shares)	Average no. of posts per day: 0.2 Average no. of interactions per post: 18	(1) Average monthly no. of posts: about 5 video clips / about 8 times (2) Updated on a need basis / no data (3) Updated about 5 times per week; posted over 980 tweets / no data (4) Updated on a need basis;	(1) Average no. of posts: uploaded about 1 video clip per 1.5 months (2) Average no. of posts: about 3 posts per week Average no. of interactions per post: 22	(1) Average no. of posts: 1 Average no. of interactions per post: 110 (2) Average monthly no. of posts: about 5.5 video clips (3) Average

		published over 790 posts / no data (5) Updated about 5 times per week / about 10 times (6) Average monthly no. of posts: about 5 video clips / no data (7) Updated on a need basis / no data	(Total no. of "likes", comments and shares: 6 778)	no. of posts per day: 0.04 Average no. of interactions per post: 12.27
Ranks and no. of officers responsible for running the platforms	1 Manager (in addition to other duties)	1 Senior Corporate Communication Manager and 2 Corporate Communication Managers (in addition to other duties)	1 Senior Manager and 1 Manager (in addition to other duties)	1 Assistant Manager (in addition to other duties)
Expenditure for setting up the platforms and daily operational expenses	Work absorbed by existing manpower; no additional resources are involved and it is not feasible to separately work out the amount of financial resources involved in the setting up and daily operation of the social media	Implemented by existing manpower and resources; no additional resources are involved and it is not feasible to work out the amount of financial resources involved separately	Financial resources include the cost for design and maintenance by the contractor assigned by the ASTRI: HK$63,593	Implemented by existing manpower and resources; no additional resources are involved and it is not feasible to work out the amount of financial resources involved separately

(2) The ITC and its subvented organisations have not deleted any messages or blocked any accounts on the above social media platforms.

The overview of messages deleted and accounts blocked by the HKSTPC on the above social media platforms is as follows:

	No. of deleted messages on social media platforms	No. of blocked accounts
(1) Facebook	2	11
(2) YouTube	0	0
(3) LinkedIn	0	0

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5331)

Head: (155) Government Secretariat : Innovation and Technology
                         Commission

Subhead (No. & title):

Programme: (7) Subvention: Hong Kong Productivity Council, Hong Kong
                         Applied Science and Technology Research Institute Company
                         Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

As mentioned in the Budget, the Hong Kong Applied Science and Technology Research
Institute (ASTRI) will work with the Hong Kong Monetary Authority (HKMA), the Hong
Kong Institute of Bankers (HKIB) and the Hong Kong Association of Banks (HKAB) to set
up a cyber security programme, including the establishment of a cyber intelligence-sharing
platform, and the conduct of risk assessment and professional certification.   Regarding the
work of ASTRI in the coming year, please inform this Committee of the following:

(1)   What kind of services or support will be provided by the intelligence-sharing
      platform?   What are the details of the work undertaken for the above project?   What
      are the work plan, schedule, manpower and resources required in 2016-17?
(2)   Other than the intelligence-sharing platform, what are the details, work plan, schedule,
      manpower and resources required for the other projects under the cyber security
      programme?

Asked by: Hon Charles Peter MOK (Member Question No. 116)

Reply:

It is mentioned in the 2016-17 Budget that the Hong Kong Monetary Authority (HKMA) is
working with the Hong Kong Applied Science and Technology Research Institute (ASTRI),
the Hong Kong Institute of Bankers (HKIB) and the Hong Kong Association of Banks
(HKAB) to set up a cyber security programme, including the establishment of a cyber
intelligence-sharing platform and the conduct of risk assessment.

ASTRI identifies financial technologies as one of its technology areas of research and
development (R&D), and will continue to collaborate with relevant institutions on R&D

projects and provide technical support. Regarding the above-mentioned intelligence-sharing platform, ASTRI is now working on the relevant project details with the HKMA and the HKAB. It is expected that the platform will involve such efforts as updates on cutting-edge hacking techniques, software and hardware vulnerability assessment, intelligence statistics, intelligence sharing, etc. The project details, specific schedule and resources required will be finalised later.

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Examination of Estimates of Expenditure 2016-17   Reply Serial No.

ITB129

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5339)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

With regard to supporting technology co-operation with the Mainland and other overseas economies, please list in tabular form:

(1)   the information of the activities/visits/projects related to the Mainland organised, participated, co-organised or promoted by the Innovation and Technology Commission (ITC) in the past year, including the names of the activities, organisers, participating organisations and number of participants, details and nature, venues and dates of the activities, number of attending staff from the Office of the Government Chief Information Officer (OGCIO) and their post titles, relevant expenditure, amount of government subsidy (if any); the details of the planned activities in 2016-17 that fit in with the above category;

(2)   the information of the activities/visits/projects related to countries and regions along the Belt and Road organised, participated, co-organised or promoted by the ITC in the past year, including the names of the activities, organisers, participating organisations and number of participants, details and nature, venues and dates of the activities, number of attending staff from the OGCIO and their post titles, relevant expenditure, amount of government subsidy (if any); the details of the planned activities in 2016-17 which fit in with the above category;

(3)   the information of the activities/visits/projects related to the European regions organised, participated, co-organised or promoted by the ITC in the past year, including the names of the activities, organisers, participating organisations and number of participants, details and nature, venues and dates of the activities, number of attending staff from the OGCIO and their post titles, relevant expenditure, amount of government subsidy (if any); the details of the planned activities in 2016-17 which fit in with the above category;

(4) the information of the activities/visits/projects related to the Americas organised, participated, co-organised or promoted by the ITC in the past year, including the names of the activities, organisers, participating organisations and number of participants, details and nature, venues and dates of the activities, number of attending staff from the OGCIO and their post titles, relevant expenditure, amount of government subsidy (if any); the details of the planned activities in 2016-17 which fit in with the above category; and

(5) the expenditure and details of the work on "strengthening technology co-operation with the Mainland through established co-operation mechanisms" as mentioned under Programme (4).

Asked by: Hon Charles Peter MOK (Member Question No. 126)

Reply:

The requested information is provided below:

(1) The information of the activities and visits related to the Mainland organised/co-organised/participated by the Innovation and Technology Commission (ITC) in 2015-16 is as follows:

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
SmartHK	Hong Kong: Hong Kong Trade Development Council (HKTDC) Mainland: Various government authorities	Nearly 10 000 participants visited the exhibition, including Mainland enterprise manufacturers and industry practitioners (according to the latest information announced by the organiser)	Participated in the exhibition in the name of the Hong Kong Council for Testing and Certification (HKCTC) to promote Hong Kong's testing and certification services	Jinan 27-28 May 2015	-	$30,700	-
Seminar on Mainland Opportunities for Hong Kong's Testing and Certification Industry	HKCTC, Hong Kong Accreditation Service, Trade and Industry Department	About 160 members of the public and industry practitioners	Introduced the liberalisation measures of the testing and certification market in the Mainland and relevant implementation details, and discussed the development of	Hong Kong 26 June 2015	21: Accreditation Officer, Manager, Technical Officer, Secretary-General, Executive Officer, Clerical Officer	$89,700	-

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
			the industry in the Mainland				
China Hi-Tech Fair	Central authorities such as Ministry of Commerce, Ministry of Science and Technology (MOST), Ministry of Industry and Information Technology (MIIT), etc. and Shenzhen Municipal People's Government	About 580 000 visits to the Fair, including Mainland and foreign organisations (according to the latest information announced by the organiser)	Participated in the exhibition in the name of HKCTC to promote Hong Kong's testing and certification services	Shenzhen 16-21 November 2015	1: Executive Officer	$55,000	-
			The Hong Kong Pavilion was co-organised at the Fair by ITC and HKTDC		2: Senior Manager and Assistant Manager	$97,500	-
The 10th Anniversary of the Establishment of Partner State Key Laboratories (PSKLs) in Hong Kong cum Plaque Awarding Ceremony for Hong Kong Branches of the Chinese National Engineering Research Centres (CNERCs)	MOST	A total of about 200 participants from the universities and research institutions	The 10th anniversary of the establishment of PSKLs in Hong Kong cum plaque awarding ceremony for Hong Kong Branches of CNERCs	Hong Kong 6 December 2015	12: Commissioner for Innovation and Technology (CIT), Deputy Commissioner for Innovation and Technology, Assistant Commissioner for Innovation and Technology (ACIT), Senior Manager, Manager and Assistant Manager	The event was co-organised by the Hong Kong Science and Technology Parks Corporation (HKSTPC). Relevant expenses were borne by the HKSTPC under the same contract of the other activities organised by the HKSTPC. No breakdown of expenditure is available.	-
Visit to Beijing	Innovation and Technology Bureau (ITB)	ITB, ITC, Office of the Government Chief Information Officer, HKCTC, Office of the Government of the Hong Kong Special Administrative Region	Accompanied the Secretary for Innovation and Technology to visit the Hong Kong and Macao Affairs Office of the State Council, MOST, Standardization Administration	Beijing 21-22 January 2016	2: CIT, Assistant Secretary-General	$27,800	-

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
		(HKSARG) of the People's Republic of China in Beijing	of the People's Republic of China, MIIT, State Internet Information Office and Zhongguancun				

The planned activity and visit related to the Mainland to be organised/co-organised/participated in 2016-17 is as follows:

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
SmartHK	Hong Kong: HKTDC Mainland: Various government authorities	Activity yet to be held	To participate in the exhibition in the name of HKCTC to promote Hong Kong's testing and certification services	Chengdu 12-13 May 2016	-	$33,800	-

(2) The information of the activities and visits related to countries and regions along the Belt and Road organised/co-organised/participated by the ITC in 2015-16 is as follows:

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
"In Style•Hong Kong" Services Symposium and Trade Expo	HKTDC	Over 10 000 people visited the exhibition, including buyers, importers, distributors, retailers and industry practitioners	Participated in the exhibition in the name of HKCTC to promote Hong Kong's testing and certification services	Indonesia 17-19 September 2015	-	$11,800	-
Visit to Israel	HKSARG	A delegation of 30 members from government departments, the academia, the industry and the research sector	Learned about the innovation and technology (I&T) development in Israel	Jerusalem and Tel Aviv, Israel 13-14 October 2015	3: CIT, Science Advisor and Manager	$131,700	

Hong Kong-Israel Research and Development (R&D) Co-operation Programme	ITC and Consulate General of Israel in Hong Kong	About 80 participants	Announced the launch of the programme	Hong Kong 8 December 2015	2: CIT and ACIT	The programme is part of the major work under Programme (3) "Promotion of Technological Entrepreneurship". The expenditure was mainly for salaries and general departmental expenses. We do not have the required breakdown of departmental expenses and salaries.
	ITC, HKSTPC and Consulate General of Israel in Hong Kong	About 70 participants	Publicised and promoted the programme	Hong Kong 9 March 2016	1: Senior Manager	

The planned activity and visit related to countries and regions along the Belt and Road to be organised/co-organised/participated in 2016-17 is as follows:

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
Hong Kong-Israel R&D Co-operation Programme	ITC, HKSTPC and Consulate General of Israel in Hong Kong	Estimated to be about 100-120 participants	To publicise and promote the programme	Hong Kong Mid-April 2016	1: Senior Manager	The programme is part of the major work under Programme (3) "Promotion of Technological Entrepreneurship". The expenditure is mainly for salaries and general departmental expenses. We do not have the required breakdown of departmental expenses and salaries.	

(3) The information of the activities/visits related to the European regions organised/co-organised/participated by the ITC in 2015-16 is as follows:

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
Ninth Structured Dialogue between HKSARG and European Union (EU)	HKSARG and EU	A delegation of 19 members from the EU and 30 officials from HKSARG	Discussed topics of common concern (including research and innovation) according to mutually agreed agenda	Hong Kong 26 November 2015	1: ACIT	Relevant expenses were borne by the Commerce and Economic Development Bureau. No additional expenditure was involved for the participation in this activity by ITC staff.	

The activity/visit related to the European regions to be organised/co-organised/participated by the ITC in 2016-17 is as follows:

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
Tenth Structured Dialogue between HKSARG and EU	HKSARG and EU	Activity yet to be held	To discuss topics of common concern (including research and innovation) according to mutually agreed agenda	To be confirmed	To be confirmed	Activity yet to be held	-

(4) The information of the activities and visits related to the Americas organised/co-organised/participated by the ITC in 2015-16 is as follows:

Name of activity	Organiser	Participating organisation and number of participants	Details and nature	Venue and date of activity	Number of attending staff from ITC and their post titles	Relevant expenditure	Amount of government subsidy (if any)
Ontario-Hong Kong Innovation Seminar	Ministry of Research and Innovation of Ontario, Canada	About 18 delegates from Ontario, Canada and 80 to 100 participants from government departments, the academia, the industry and the research sector of Hong Kong	Explored co-operation opportunities on I&T between Ontario and Hong Kong	Hong Kong 11 November 2015	1: CIT	Relevant expenses were borne by the Ministry of Research and Innovation of Ontario, Canada. No additional expenditure was involved for the participation in this activity by ITC staff.	

We have no plan to organise/co-organise/participate in activity/visit related to the Americas in 2016-17.

(5) We will continue to promote the collaboration on Partner State Key Laboratories (PSKLs), Hong Kong Branches of Chinese National Engineering Research Centres (CNERCs), National High-tech Industrialisation Partner Bases and Guangdong-Hong Kong Technology Co-operation Funding Scheme with MOST, the Guangdong Provincial Department of Science and Technology as well as the Science and Technology Innovation Commission of Shenzhen Municipality through the Mainland/Hong Kong Science and Technology Co-operation Committee, the Guangdong/Hong Kong Expert Group on Co-operation in Innovation and Technology and the Steering Group on Shenzhen/Hong Kong Co-operation in Innovation and Technology, to encourage Hong Kong's research institutions such as universities and R&D Centres as well as I&T enterprises to enhance co-operation with the Mainland in different areas of scientific research. The above duties are part of the work under Programme (4) "Planning for Innovation and Technology Development". The estimated expenditure under Programme (4) for 2016-17 is $42.2 million, mainly for

salaries and general departmental expenses.   We do not have the required breakdown of departmental expenses and salaries.   A funding of up to $5 million is provided to each of the 16 PSKLs and the 6 Hong Kong Branches of CNERCs under the Innovation and Technology Fund.   The estimated expenditure involved for 2016-17 is $110 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5343)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the organisation of the InnoTech Month (ITM), would the Government advise of:
(1) the total expenditure and its breakdown, the number of participants of various activities, and the number of local and international media coverage of the ITM in 2013-2015; and

(2) the details of the ITM activities held by organisations receiving Government funding in 2013-2015.   Please list out in the table below the details of all the projects funded by the Government, as well as the number of projects funded and total amount of funding received by the organisations concerned (in table form):

Year	Name of activity/project	Date of activity/project	Name of organising institution	Funding amount (for non-monetary sponsorship, please provide details)	Percentage in the total expenditure of the activity

(3) the criteria based on which the Government decided whether a particular organisation or activity/project should be funded, as well as the funding scope and amount; the specific policy basis for such criteria; and the procedures of receiving and vetting the funding applications?

Asked by: Hon Charles Peter MOK (Member Question No. 131)

Reply:

The requested information is provided below:

(1)   Information on the number of participants of various activities, the breakdown of expenditure and the number of media coverage of the InnoTech Month (ITM) in 2013-15 is tabulated as follows:

Number of participants and breakdown of expenditure	2013	2014	2015
InnoCarnival	Over 230 000 visits Around $11,510,000	Over 230 000 visits Around $12,260,000	Over 200 000 visits Around $10,590,000
InnoDesignTech Expo – Innovation and Technology Commission Pavilion	Over 35 000 visitors to the Expo on the whole Around $530,000	Over 29 000 visitors to the Expo on the whole Around $40,000*	Over 31 000 visitors to the Expo on the whole Around $580,000
China Hi-Tech Fair – Hong Kong Pavilion	Over 540 000 visitors to the Fair on the whole Around $150,000	Over 540 000 visitors to the Fair on the whole Around $130,000	Over 580 000 visitors to the Fair on the whole Around $100,000
Total expenditure	Around $12,190,000	Around $12,430,000	Around $11,270,000
Total number of local and international media coverage	About 240	About 250	About 270

Apart from the activities listed above, there were some other activities in the ITM which did not involve expenditure of the Innovation and Technology Commission (ITC), e.g. the LSCM Logistics Summit 2015.

[*Note: The ITC participated in the setup of the "Hong Kong Tech" Pavilion at the InnoDesignTech Expo 2014. The "Hong Kong Tech" Pavilion was one of the activities of the APAC Innovation Summit 2014 of the Hong Kong Science and Technology Parks Corporation. The expenses were mainly borne by the APAC Innovation Summit 2014, while the ITC was only responsible for part of the preparation expenses.]

(2)   Information of funded projects under the General Support Programme (GSP) of the Innovation and Technology Fund (ITF) in the ITM in 2013-15 is tabulated as follows

Year	Name of activity/project	Date of activity/project	Name of organising institution	Funding amount (for non-monetary sponsorship, please provide details)	Percentage in the total expenditure of the activity
2013	A) InnoTech Month 2013 - Roadshows cum Kick-off Ceremony B) InnoCarnival 2013 - Workshops	8/2013 - 5/2014	The Hong Kong Federation of Youth Groups (HKFYG)	$2,118,500	No more than 90%

Year	Name of activity/project	Date of activity/project	Name of organising institution	Funding amount (for non-monetary sponsorship, please provide details)	Percentage in the total expenditure of the activity
	HKPC Pavilion cum EV Show at InnoCarnival	9/2013 - 12/2013	Hong Kong Productivity Council (HKPC)	$1,059,600	No more than 90%
	Production of the Hong Kong Applied Science and Technology Research Institute (ASTRI) booth for InnoCarnival 2013	10/2013 - 11/2013	ASTRI	$395,000	No more than 90%
	Exhibition at InnoCarnival 2013: "Marching Towards Modern Chinese Medicine: Conservation of Rare Chinese Medicines Resources and Exhibition of Modern Chinese Medicine Technology"	9/2013 – 4/2014	Hong Kong Baptist University (HKBU)	$644,000	No more than 90%
	Technology Themed Tours@InnoCarnival 2013	8/2013 - 11/2013	The Chinese University of Hong Kong	$207,920	No more than 90%
	InnoShow 2013	8/2013 – 12/2013	Vocational Training Council	$899,400	No more than 90%
	Children and Families Digital Project for Fun and Innovation	9/2013 - 12/2013	The Boys' & Girls' Clubs Association of Hong Kong (BGCA)	$678,360	No more than 90%
2014	InnoTech Month 2014 – Roadshows and Workshops	7/2014 - 3/2015	HKFYG	$2,312,108	No more than 90%
	Children and Families Digital Project for Fun and Innovation	8/2014 - 12/2014	BGCA	$489,450	No more than 90%
	HKPC Pavilion cum EV Show at InnoCarnival 2014	8/2014 – 2/2015	HKPC	$1,081,160	No more than 90%
	Production of ASTRI booth for InnoCarnival 2014	9/2014 - 11/2014	ASTRI	$395,000	No more than 90%
	Heritage and Innovation of Chinese Medicine	8/2014 - 4/2015	HKBU	$653,200	No more than 90%
2015	InnoTech Month 2015 - Roadshows and Workshops	7/2015 - 4/2016	HKFYG	$2,330,700	No more than 90%

Year	Name of activity/project	Date of activity/project	Name of organising institution	Funding amount (for non-monetary sponsorship, please provide details)	Percentage in the total expenditure of the activity
	HKPC Pavilion cum EV Show at InnoCarnival 2015	9/2015 - 4/2016	HKPC	$1,088,795	No more than 90%
	Production of ASTRI booth for InnoCarnival 2015	9/2015 - 11/2015	ASTRI	$360,000	No more than 90%
	Children and Families Digital Project for Fun and Innovation 2015	9/2015 - 2/2016	BGCA	$536,336	No more than 90%
	Leading a Modern Healthy Lifestyle through Traditional Chinese Medicine	9/2015 - 4/2016	HKBU	$582,590	No more than 90%

(3)   The GSP under the ITF, which caters for non-research and development projects (including conferences, exhibitions, seminars, workshops, promotional events, studies and surveys, youth activities, events or projects to support platform building/upgrading of industry, etc.), aims at supporting projects that contribute to the upgrading and development of local industries as well as fostering an innovation and technology culture in Hong Kong.

The GSP Vetting Committee will consider the GSP applications in accordance with the established procedures and the assessment framework, and make recommendations on funding support to the Commissioner for Innovation and Technology.   The assessment framework comprises 5 components.   Their weightings are as follows:

(a)   expected impact to the community (40%);
(b)   support of government policies (10%)
(c)   quality of submission (20%);
(d)   management capability (15%); and
(e)   financial assessment (15%).

Details are set out in the ITF website of the ITC and the Guide to Filling in the GSP Application Form.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5347)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (7) Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited

Not Specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the number of staff, turnover and profit, type of business, type of consultancy projects and number of projects of the subsidiary consulting firms set up in Guangzhou, Shenzhen and Dongguan by the Hong Kong Productivity Council in the past 3 years?

Asked by: Hon Charles Peter MOK (Member Question No. 135)

Reply:

The Hong Kong Productivity Council has set up 3 wholly-owned subsidiary consulting firms which operate on a self-financing basis in Guangzhou, Shenzhen and Dongguan to provide integrated support to Hong Kong-owned factories operating in those places. Their businesses include consultancy on technology upgrade, consultancy on environmental protection technology, management consultancy and relevant training, which assist Hong Kong-owned enterprises in enhancing technical and management capabilities, developing high value-added products and services, as well as enhancing competitiveness.

The number of staff, turnover and profit as well as number of projects implemented by the 3 wholly-owned subsidiary consulting firms in the past 3 years are as follows:

	Number of staff	Turnover (RMB)	Profit (RMB)	Number of projects implemented
2013-14	45	22.62 million	1.47 million	136
2014-15	37	19.75 million	850,000	90
2015-16 (up to end-February 2016)	40	16.60 million	1.20 million	59

The types of consultancy service projects include environmental protection, automation and intelligent production, production process optimisation, lean manufacturing and quality management, etc.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5352)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the operation of the Research and Development (R&D) Centres, would the Government advise this Committee of:

(1)   the annual operating cost, the number and total cost of R&D projects, and the total amount of industry contribution of the 5 R&D Centres respectively in the past 3 years;

(2)   the details of the review on the R&D Centres conducted in mid-2015; whether the Government has planned to raise the industry contribution target to the original level of 40% after the review; if yes, of the schedule and details; if not, of the reasons for that;

(3)   the number of licencing agreements signed by the 5 R&D Centres respectively in the past 3 years; and

(4)   the annual number of projects commercialised and licences granted by the 5 R&D Centres respectively in the past 3 years; and whether the Government has reviewed how to increase the number of licences granted?

Asked by: Hon Charles Peter MOK (Member Question No. 141)

Reply:

The required information is provided below:

(1)   The operating expenditure of 4 Research and Development (R&D) Centres (i.e. the Automotive Parts and Accessory Systems R&D Centre (APAS), Hong Kong Research Institute of Textiles and Apparel (HKRITA), R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM) and Nano and Advanced Materials Institute (NAMI)) is met by the funding under the Innovation and Technology Fund (ITF) approved by the Finance Committee of the Legislative Council (LegCo).   The operating expenditure of the R&D Centre for Information and

Communications Technologies (ICT) under the Hong Kong Applied Science and Technology Research Institute (ASTRI) is funded by the Government's annual recurrent subvention to ASTRI (which is separately set out under Programme (7) "Subvention: Hong Kong Productivity Council, Hong Kong Applied Science and Technology Research Institute Company Limited").

The operating expenditure of the 5 R&D Centres in the latest 3 financial years (i.e. 2013-14 to 2015-16) is tabulated as follows:

	Operating expenditure ($ million)		
	2013-14 (Actual expenditure)	2014-15 (Actual expenditure)	2015-16 (Revised estimate)
APAS	10.2	11.0	14.0
ASTRI	134.5	141.5	141.5
HKRITA	17.6	21.0	26.6
LSCM	21.6	21.6	30.0
NAMI	50.0	53.7	57.2
Total:	233.9	248.8	269.3

Note: The operating expenditure of ICT under ASTRI is funded by the Government's annual recurrent subvention to ASTRI.

R&D Projects and Amount of Industry Contribution

The number of new projects, the amount of contribution involved as well as the number of on-going projects of the 5 R&D Centres in the past 3 financial years (i.e. 2012-13 to 2014-15) is tabulated below:

	R&D Project								
	2012-13			2013-14			2014-15		
	New projects		No. of on-going projects (as at end-March 2013)	New projects		No. of on-going projects (as at end-March 2014)	New projects		No. of on-going projects (as at end-March 2015)
	No.	Amount of Contribution ($ million)		No.	Amount of Contribution ($ million)		No.	Amount of Contribution ($ million)	
APAS	6	4.5	13	14	35.0	23	8	12.1	26
ASTRI	38	68.0	52	32	53.9	44	44	63.7	61
HKRITA	19	12.8	35	25	28.3	43	25	9.2	57
LSCM	13	10.9	20	13	8.6	27	17	9.9	29
NAMI	22	35.0	38	16	3.9	37	41	19.6	55
Total:	98	131.2	158	100	129.7	174	135	114.5	228

Note: Until 2012-13, ASTRI was using a different industry contribution calculation method due to historical reasons. It has aligned its industry contribution calculation method with that of other R&D Centres from 2013-14.

R&D Expenditure

The R&D expenditure of the 5 R&D Centres is supported by the ITF on individual R&D project basis. The amount of funding for R&D expenditure of the 5 R&D Centres in the latest 3 financial years (i.e. 2012-13 to 2014-15) is tabulated below:

	Amount of funding for R&D expenditure ($ million)		
	2012-13 (Actual expenditure)	2013-14 (Actual expenditure)	2014-15 (Actual expenditure)
APAS	5.4	17.5	23.4
ASTRI	221.2	218.7	248.0
HKRITA	21.8	31.3	26.3
LSCM	29.6	37.6	33.9
NAMI	37.0	37.2	41.3
Total:	315.0	342.3	372.9

(2) and (4)

We conducted a comprehensive review on the performance of the R&D Centres in 2015.   In general, we consider that the performance of the R&D Centres satisfactory and they have taken up a significant role as the focal point for technology collaboration among the Government, industry, academia and research sector.   In 2016-17, we will continue to apply the current industry contribution target of 20%. This should give the Centres sufficient incentive to proactively reach out to the industry and solicit sufficient sponsorship in order to focus on conducting industry-driven and market relevant R&D, while allowing flexibility for individual Centres to undertake platform projects (which require a minimum of 10% sponsorship only) to continue to build up their technical expertise and capabilities, and subsequently transfer their technologies to the industry through conducting collaborative projects and contract research.

In terms of commercialisation, individual R&D Centres have started receiving more income other than industry sponsorship, including contract service income, licensing fees and royalties.   They have also gradually made a name as the trusted R&D partner in their respective sectors.   In considering the performance indicators of the R&D Centres in 2017-2021, we consider that "the level of industry income received" can be used to measure the performance of the R&D Centres.   This indicator includes industry contribution for R&D projects, licensing fees and contract service income, etc.   We will report the relevant progress to the LegCo Panel on Commerce and Industry in mid-2016.

(3)   In terms of licensing, the 5 R&D Centres signed 61, 42 and 64 licensing agreements in 2012-13, 2013-14 and 2014-15 respectively.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5356)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: Not specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

(1)   Please provide, in table form, the number of requests for information under the Code on Access to Information received by the Innovation and Technology Commission and its subvented organisations in 2015-16 as well as the relevant details:

Bureau/ Department/ Organisation	No. of requests received	Information involved (No. of items)	No. of requests being processed	No. of requests met in full	No. of requests met in part	Average no. of days taken to process the requests (Working days)

(2)   What are the 3 pieces of information most frequently requested by the public and the number of such requests?

(3)   What are the details of the 5 requests for information which took the longest time to process, the number of days taken to process such requests and the reasons?

(4)   What are the contents of the requests refused, the reasons for the refusal and the number of requests for reviews lodged by the public?

Asked by: Hon Charles Peter MOK (Member Question No. 147)

Reply:

From January 2015 to September 2015, the Innovation and Technology Commission (ITC) received 3 requests for information under the Code on Access to Information, mainly involving requests for information on the results of recruitment interviews.   All of the

above cases were met in full and completed within 21 days.   There was no outstanding case as at 30 September 2015.

The ITC did not receive any request for internal review on the processing of the cases during the above period.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5362)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

With regard to the provision of funding support to local universities to encourage their professors and students to establish technology start-ups and the commercialisation of scientific research results under the Technology Start-up Support Scheme for Universities (TSSSU), would the Government please inform this Committee of:

(1) the details of the funding to the 6 universities at present: the amount of funding, company name, scope of business and number of staff of each company;

(2) the establishment and operational expenses, research and development expenses, as well as the expenditure of product promotion and marketing of these companies;

(3) the number of companies with products commercialised and launched in the market at present; and

(4) the name of the companies to which the funding will be provided continuously next year and the amount of funding?

Asked by: Hon Charles Peter MOK (Member Question No. 153)

Reply:

The requested information is provided below:

(1) Since the inception of the Technology Start-up Support Scheme for Universities (TSSSU) (i.e. 2014-15 and 2015-16), 76 technology start-ups have been funded (26 of them have been funded for 2 consecutive years), with an amount of funding at approximately $41.6 million.   Over 400 members are working in the recipient teams. However, the enterprises are not required to declare the number of employees.   The

business areas mainly cover information and communication technologies, biotechnology, electronics, and nanotechnology and materials science. The relevant details are set out in the Annex.

(2) The funded technology start-ups are not required to categorise the expenses according to the items stated in the question, but they have to provide a breakdown of the estimated expenditure by "manpower", "equipment" and "other direct costs" at the time of application. The details are set out in the Annex.

(3) Among the 36 funded technology start-ups in 2014-15, 17 have already launched their products or services in the market.

(4) An annual funding of up to $4 million is provided to each of the 6 local universities under the Scheme. Each funded technology start-up may receive up to $1.2 million each year for no more than 3 years. The 6 universities have already commenced work relating to the applications for 2016-17. Technology start-ups interested in the TSSSU should submit their applications to the knowledge transfer/technology transfer offices of their associated universities. Applications assessed and recommended by the selection panel of each university will be forwarded to the Innovation and Technology Commission for agreement.

- End -

Technology Start-up Support Scheme for Universities

[Note: N.A. denotes 'Not Applicable']

Serial number of technology start-up	University that submitted the recommendation	Amount of funding approved ($'000)										Technology area
		2014-15					2015-16					
		Number of team members	Manpower (a)	Equipment (b)	Other direct costs (c)	Total (d)=(a)+(b)+(c)	Number of team members	Manpower (e)	Equipment (f)	Other direct costs (g)	Total (h)=(e)+(f)+(g)	
1	City University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	1	90	0	80	170	Electronics
2	City University of Hong Kong	2	120	150	210	480	N.A.	N.A.	N.A.	N.A.	N.A.	Information and communication technologies
3	City University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	3	130	20	100	250	Information and communication technologies
4	City University of Hong Kong	10	70	100	10	180	N.A.	N.A.	N.A.	N.A.	N.A.	Information and communication technologies
5	City University of Hong Kong	4	300	80	340	720	4	390	0	120	510	Nanotechnology and materials science
6	City University of Hong Kong	4	200	390	10	600	N.A.	N.A.	N.A.	N.A.	N.A.	Information and communication technologies
7	City University of Hong Kong	5	300	10	80	390	N.A.	N.A.	N.A.	N.A.	N.A.	Information and communication technologies
8	City University of Hong Kong	3	220	10	0	230	N.A.	N.A.	N.A.	N.A.	N.A.	Information and communication technologies
9	City University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	4	0	100	240	340	Electronics
10	City University of Hong Kong	3	50	460	90	600	2	420	0	90	510	Information and communication technologies
11	City University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	4	290	10	60	360	Information and communication technologies
12	City University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	1	360	20	130	510	Information and communication technologies
13	City University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	3	300	40	0	340	Information and communication technologies
14	City University of Hong Kong	5	120	80	80	280	4	170	30	90	290	Electronics
15	City University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	7	230	120	10	360	Information and communication technologies
16	City University of Hong Kong	5	510	0	10	520	7	170	0	190	360	Information and communication technologies
17	Hong Kong Baptist University	4	190	0	260	450	4	560	180	340	1,080	Testing and certification
18	Hong Kong Baptist University	4	170	710	120	1,000	4	510	470	100	1,080	Nanotechnology and materials science

Serial number of technology start-up	University that submitted the recommendation	Amount of funding approved ($'000)										Technology area
		2014-15					2015-16					
		Number of team members	Manpower (a)	Equipment (b)	Other direct costs (c)	Total (d)=(a)+(b)+(c)	Number of team members	Manpower (e)	Equipment (f)	Other direct costs (g)	Total (h)=(e)+(f)+(g)	
19	Hong Kong Baptist University	3	350	230	420	1,000	N.A.	N.A.	N.A.	N.A.	N.A.	Environmental protection
20	Hong Kong Baptist University	2	240	310	550	1,100	2	590	70	440	1,100	Biotechnology
21	Hong Kong Baptist University	2	90	0	360	450	2	350	0	390	740	Biotechnology
22	The Chinese University of Hong Kong	3	150	90	270	510	N.A.	N.A.	N.A.	N.A.	N.A.	Electronics
23	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	3	180	30	90	300	Biotechnology
24	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	10	220	20	60	300	Information and communication technologies
25	The Chinese University of Hong Kong	4	90	250	160	500	4	70	140	90	300	Biotechnology
26	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	3	120	40	140	300	Biotechnology
27	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	5	0	80	20	100	Information and communication technologies
28	The Chinese University of Hong Kong	4	150	210	130	490	3	280	0	60	340	Biotechnology
29	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	2	130	10	160	300	Biotechnology
30	The Chinese University of Hong Kong	4	160	210	130	500	4	200	30	70	300	Biotechnology
31	The Chinese University of Hong Kong	3	260	100	150	510	3	170	0	130	300	Biotechnology
32	The Chinese University of Hong Kong	2	180	300	10	490	0	N.A.	N.A.	N.A.	N.A.	Information and communication technologies
33	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	5	90	10	0	100	Textiles/Apparel/Footwear
34	The Chinese University of Hong Kong	5	0	190	310	500	5	60	0	370	430	Biotechnology
35	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	3	170	80	50	300	Electronics
36	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	1	110	0	190	300	Biotechnology
37	The Chinese University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	5	270	0	30	300	Advanced manufacturing technology/Process development
38	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	2	100	0	0	100	Environmental protection

Serial number of technology start-up	University that submitted the recommendation	Amount of funding approved ($'000)										Technology area
		2014-15					2015-16					
		Number of team members	Manpower (a)	Equipment (b)	Other direct costs (c)	Total (d)=(a)+(b)+(c)	Number of team members	Manpower (e)	Equipment (f)	Other direct costs (g)	Total (h)=(e)+(f)+(g)	
39	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	2	70	0	30	100	Information and communication technologies
40	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	1	70	10	20	100	Information and communication technologies
41	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	2	50	20	30	100	Information and communication technologies
42	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	2	80	20	0	100	Electronics
43	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	8	80	20	0	100	Information and communication technologies
44	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	5	10	90	0	100	Information and communication technologies
45	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	2	60	30	10	100	Information and communication technologies
46	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	2	50	50	0	100	Information and communication technologies
47	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	3	80	10	10	100	Information and communication technologies
48	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	1	360	110	530	1,000	Information and communication technologies
49	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	3	70	20	10	100	Information and communication technologies
50	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	2	30	70	0	100	Information and communication technologies
51	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	1	60	40	0	100	Information and communication technologies
52	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	2	50	40	10	100	Electronics
53	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	3	60	10	30	100	Information and communication technologies
54	The Hong Kong Polytechnic University	N.A.	N.A.	N.A.	N.A.	N.A.	3	60	30	10	100	Electronics
55	The Hong Kong University of Science and Technology	3	140	150	310	600	2	0	80	420	500	Nanotechnology and materials science
56	The Hong Kong University of Science and Technology	3	180	50	220	450	N.A.	N.A.	N.A.	N.A.	N.A.	Information and communication technologies
57	The Hong Kong University of Science and Technology	N.A.	N.A.	N.A.	N.A.	N.A.	2	320	120	260	700	Advanced manufacturing technology/Process development
58	The Hong Kong University of Science and Technology	7	440	160	0	600	7	290	10	0	300	Information and communication technologies

| Serial number of technology start-up | University that submitted the recommendation | Amount of funding approved ($'000) | | | | | | | | | | Technology area |
| | | 2014-15 | | | | | 2015-16 | | | | | |
		Number of team members	Manpower (a)	Equipment (b)	Other direct costs (c)	Total (d)=(a)+(b)+(c)	Number of team members	Manpower (e)	Equipment (f)	Other direct costs (g)	Total (h)=(e)+(f)+(g)	
59	The Hong Kong University of Science and Technology	N.A.	N.A.	N.A.	N.A.	N.A.	4	110	20	70	200	Energy
60	The Hong Kong University of Science and Technology	4	150	110	140	400	4	70	10	120	200	Nanotechnology and materials science
61	The Hong Kong University of Science and Technology	6	370	20	10	400	N.A.	N.A.	N.A.	N.A.	N.A.	Electronics
62	The Hong Kong University of Science and Technology	N.A.	N.A.	N.A.	N.A.	N.A.	8	180	20	250	450	Electronics
63	The Hong Kong University of Science and Technology	5	110	480	10	600	7	290	210	0	500	Biotechnology
64	The Hong Kong University of Science and Technology	N.A.	N.A.	N.A.	N.A.	N.A.	6	350	290	60	700	Biotechnology
65	The Hong Kong University of Science and Technology	6	230	180	40	450	7	430	20	0	450	Information and communication technologies
66	The University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	1	390	70	140	600	Information and communication technologies
67	The University of Hong Kong	5	100	0	50	150	5	150	0	0	150	Information and communication technologies
68	The University of Hong Kong	6	0	20	280	300	5	0	10	90	100	Information and communication technologies
69	The University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	2	420	40	340	800	Biotechnology
70	The University of Hong Kong	8	0	100	350	450	10	0	90	110	200	Information and communication technologies
71	The University of Hong Kong	5	80	540	200	820	5	370	0	230	600	Biotechnology
72	The University of Hong Kong	6	180	390	180	750	4	0	190	210	400	Biotechnology
73	The University of Hong Kong	3	80	510	60	650	2	210	10	80	300	Biotechnology
74	The University of Hong Kong	8	160	0	520	680	9	240	0	160	400	Biotechnology
75	The University of Hong Kong	2	180	10	10	*200*	2	180	0	20	*200*	Information and communication technologies
76	The University of Hong Kong	N.A.	N.A.	N.A.	N.A.	N.A.	3	20	180	50	*250*	Electronics
	Total	**158**	**6,320**	**6,600**	**6,080**	**19,000**	**247**	**11,990**	**3,440**	**7,140**	**22,570**	

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5366)

<u>Head</u>: (155) Government Secretariat : Innovation and Technology Commission

<u>Subhead (No. & title)</u>:

<u>Programme</u>: (4) Planning for Innovation and Technology Development

<u>Controlling Officer</u>: Commissioner for Innovation and Technology (Ms Annie CHOI)

<u>Director of Bureau</u>: Secretary for Innovation and Technology

<u>Question</u>:

Regarding the Innovation and Technology (I&T) Scholarship Award, would the Government inform this Committee of the following:

(1) With regard to the awardees in the past 3 years, what were their respective institutions and fields of study?
(2) What are the details on the expenses for the awardees' participation in the Overseas/Mainland Attachment Programme, Mentorship Programme, Service Project Programme and Local Internship Programme in the past 3 years? Was cash reward included and what was the amount?

<u>Asked by</u>: Hon Charles Peter MOK (Member Question No. 158)

<u>Reply</u>:

The requested information is provided as follows -

(1) The information on the respective institutions of the awardees of the Innovation and Technology (I&T) Scholarship Award in the past 3 years is set out below:

	2013	2014	2015
The University of Hong Kong	5	4	5
The Chinese University of Hong Kong	5	3	8
The Hong Kong Polytechnic University	6	7	4
The Hong Kong University of Science and Technology	8	7	5
Hong Kong Baptist University	1	1	1

	2013	2014	2015
Chinese Medicine	1	0	1
Medicine	4	3	7
Dental Surgery	0	1	1
Engineering	4	7	6
Science (Nursing)	1	0	0
Science (Physiotherapy)	2	2	4
Science (Public Health)	1	0	0
Science (Computer)	1	1	0
Science (Physics)	3	1	2
Science (Mathematics)	0	0	1
Science (Environmental Management and Technology)	1	0	0
Science (Chemistry)	0	1	0
Science (Food Safety and Technology)	0	1	0
Science (Radiography)	0	1	0
Science (Optometry)	0	1	0
Science (Biochemistry and Cell Biology)	0	1	1
Science (Biotechnology)	0	1	0
Science (Microbiology)	0	1	0
Dual Degree: Engineering	6	2	1
Arts (Interactive Media)	1	0	0
Arts (Fashion and Textiles)	0	1	0
Business Administration (Information Technology)	0	0	1
Total	25	25	25

City University of Hong Kong	0	3	2
Total	25	25	25

The information on the fields of study of the awardees of the I&T Scholarship Award in the past 3 years is set out below:

(2)   The breakdown of the expenses for the awardees' participation in the Overseas/Mainland Attachment Programme, Mentorship Programme, Service Project Programme and Local Internship Programme in the past 3 years is as follows:

2013 - $2.389 million
2014 - $2.698 million
2015 - $2.196 million* (reimbursed amount as at 8 March 2016)

The I&T Scholarship Award is provided on an accountable and reimbursement basis. No cash reward is included.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5726)

Head: (155) Government Secretariat : Innovation and Technology
                        Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

In respect of the public relations expenditure of the Hong Kong Science and Technology
Parks Corporation (HKSTPC), would the Government inform this Committee of the
following:

(1)   The total expenditure of the HKSTPC for publishing advertisements, sponsored
       content or advertorial in newspapers registered under the Registration of Local
       Newspapers Ordinance in the past year as well as the relevant details:

Date of publish (Day /Month/ Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Name and purpose of advertisement	Name of media organisation and newspaper	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)

(2)   The expenditure of the HKSTPC for sponsoring local free-to-air television stations,
       paid television stations and radio stations to provide information and produce
       programmes or materials in the past year as well as the relevant details:

Date of broadcast (Day/Month/ Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Name and purpose of advertisement	Media organisation	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)

(3)   The media organisations which published or broadcasted advertisements/sponsored
       content of the HKSTPC in the past 3 years, as well as the frequency and the total
       expenditure involved (in descending order of amount spent):

Name of media organisation	Frequency	Total expenditure ($)

(4) The websites/network platforms on which the HKSTPC published online advertisements/sponsored content in the past 3 years, as well as the frequency, the duration (days) and the total expenditure involved (tabulated in descending order of amount spent):

Website/ network platform	Content of advertisement	Frequency	Duration (days)	Hit rate, frequency of exposure and no. of audiences	Total expenditure ($)

(5) Other media channels through which the HKSTPC published advertisements/sponsored content in the past year, as well as the frequency and the total expenditure involved (in descending order of amount spent):

Media	Frequency	Total expenditure ($)

Asked by: Hon Charles Peter MOK (Member Question No. 159)

Reply:

The required information is provided below:

(1) The total expenditure of the Hong Kong Science and Technology Parks Corporation (HKSTPC) for publishing advertisements, sponsored content or advertorial in newspapers registered under the Registration of Local Newspapers Ordinance in the past year (since March 2015) as well as the relevant details are as follows:

Date of publish (Day /Month/ Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Name and purpose of advertisement	Name of media organisation and newspaper	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016) ($)
March 2015	Done	Incubation Graduation Special: Raise public awareness on the services of incubation programmes and the innovative inventions of the graduates	(1)am730 (2)Headline Daily (3)Sing Tao Daily (4)Ta Kung Pao	4	136,000
March 2015	Done	Science Park Career Expo 2015: Promote the career path and prospects of the innovation and technology (I&T) industry, encourage interested parties to join the industry and recruit talents for the industry	(1)Jiu Jik (2)Headline Daily (3)am730	11	201,844

March 2015	Done	"Hong Kong Enterprises Riding the Wave of National 12th Five-Year Plan": Promote the opportunities to Hong Kong enterprises under the National 12th Five-Year Plan	Wen Wei Po	1	50,000
March and October 2015	Done	Re-industrialisation: Promote the importance of re-industrialisation in Hong Kong and the opportunities created	(1)Sing Tao Daily (2)Headline Daily (3)Wen Wei Po (4)Oriental Daily News	14	481,666
June-July 2015	Done	APAC Innovation Summit 2015 Series – Robotics: Connect the industries and promote the application of robotics	(1)PCM Market (2)Hong Kong Economic Times (3)Economic Digest (4)Ming Pao (5)Wen Wei Po (6)iMoney magazine (7)Sing Tao Daily	8	232,500
June-July 2015	Done	Entrepreneurship Symposium: Promote a culture of entrepreneurship	(1)South China Morning Post (SCMP)	2	37,000
July 2015	Done	TEENnovation: Promote education in science, technology, engineering and mathematics (STEM) and assist the industry in expanding the talent pool	(1)Sing Tao Daily (2)Smart Parents	2	46,000
July 2015	Done	DSE Inspiring Stories: Promote education in STEM and assist the industry in expanding the talent pool	(1)Headline Daily (2)Ming Pao (3)Sky Post	3	88,000
September-October 2015	Done	Scientists Story Series: Introduce Hong Kong scientists, promote successful examples of I&T and stimulate an I&T culture in the community	(1)Headline Daily (2)Ming Pao	12	372,000
October 2015	Done	Innovation Heroes III – Smart Living: Promote innovative inventions in Hong Kong and raise public awareness and support on local I&T achievements	(1)am730 (2)Headline Daily	8	227,220
October 2015	Done	Investing in Hong Kong: Enhance awareness and interest of investors on I&T in Hong Kong and the business opportunities	(1)Forbes (Hong Kong) (2)Time magazine (Hong Kong) (3)The Peak	5	255,250

November 2015	Done	"Technologies from Science Park" programme: Encourage enterprises to adopt the technologies and services developed by technology start-ups	(1)Wen Wei Po (2)Economic Digest (3)iMoney magazine (4)Hong Kong Economic Times (5)Ming Pao (6)Oriental Daily News	6	160,834
December 2015 to January 2016	Done	Smart Living@Science Park: Promote the application of smart living technologies and encourage members of the public to visit the Science Park and experience the benefits of smart living to individuals, community and economy	(1)Sky Post (2)Headline Daily (3)Apple Daily (4)Oriental Daily News	8	196,334
December 2015	Done	APAC Innovation Summit 2016 Series – Advanced Materials: Connect the industries and promote the technology and application of advanced materials	(1)Hong Kong Economic Journal (2)Ming Pao (3)Headline Daily (4)The Standard	4	114,500
December 2015	Done	Hong Kong Science Park food & beverage marketing campaign: Attract members of the public to visit the Science Park and enjoy the nice food, so as to enhance the linkage between the general public and the I&T ecosystem in the Science Park	(1)Eat and Travel Weekly (2)Metropop	2	151,000
February 2016	Done	City Challenge – Bridge to a Smarter City: Encourage members of the public to participate in the competition to solve city problems with knowledge, creativity and applied technologies	(1)Sky Post (2)Headline Daily (3)e-zone (4)Oriental Daily News	15	192,668
February-March 2016	Done	Science Park Career Expo 2016: Promote the career path and prospects of the I&T industry, encourage interested parties to join the industry and recruit talents for the industry	(1)Headline Daily (2)Jiu Jik (3)Sky Post (4)am730	16	292,844
February 2016	Done	Innovation Heroes IV – The Three Technology Platforms: Promote innovative inventions in Hong Kong and raise public awareness and support on I&T achievements in Hong Kong	(1)am730 (2)Headline Daily	6	185,000

(2) The expenditure of the HKSTPC for sponsoring local free-to-air television stations, paid television stations and radio stations to provide information and produce

programmes or materials in the past year (since March 2015) as well as the relevant details:

Date of broadcast (Day/Month/Year)	Status (one-off/ongoing/done) (as at 29 February 2016)	Name and purpose of advertisement	Media organisation	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016) ($)
February-April 2015	Done	Innovation Heroes III – Smart Living: Raise public awareness on various innovative inventions in improving quality of life, so as to encourage more interested parties to join the I&T industry	Commercial Radio Hong Kong	385 (a 1-minute session)	998,690
March 2015	Done	Innovative Inventions in the Hong Kong Science Park: Raise public awareness on how local scientific research projects are related to daily lives and bring convenience	Television Broadcasts Limited (TVB), "The Scoop" – special session	5	500,000
March-April 2015	Done	The HKSTPC connecting various sectors: Enhance public awareness on the I&T ecosystem in Hong Kong and local strengths in scientific research, so as to gain support of the community members on the local I&T ecosystem	Metro Finance	365 (a 10-second advertisement)	100,000
December 2015	Done	Smart Living@Science Park: Promote public awareness on Hong Kong's strengths in developing into a smart city and the economic benefits	TVB, "The Scoop" – special session	2	200,000
January-March 2016	Done	HKSTPC corporate advertisement: Raise public awareness on the service objectives of the HKSTPC and the development of the 3 platforms, and motivate members of the public to participate in the City Challenge – Bridge to a Smarter City competition	TVB	285 (a 30-second advertisement)	1,120,000
February 2016	Done	Sidewalk Scientist – Latest knowledge on environmental protection: Raise public awareness on the latest green technologies and construction	TVB	1 (a 5-minute session)	50,000
February-March 2016	Done	Innovation Heroes IV – The Three Technology Platforms: Promote innovative inventions in Hong Kong and raise public awareness and support on I&T achievements in Hong Kong	Commercial Radio Hong Kong	6 (a 1-minute session)	238,000

(3) The media organisations which published or broadcasted advertisements/sponsored content of the HKSTPC in the past 3 years (since March 2013), as well as the frequency and the total expenditure involved (in descending order of amount spent):

Name of media organisation	Frequency (publicity activity)	Total expenditure ($)
TVB	10	2,094,000
Commercial Radio Hong Kong	3	2,429,130
Headline Daily	16	1,511,500
SCMP	11	728,540
Ming Pao	8	670,000
Sing Tao Daily	14	652,000
Hong Kong Economic Times	6	607,000
Wen Wei Po	13	584,000
am730	7	519,640
Ta Kung Pao	9	443,160
Metro Finance	3	353,000
Eat and Travel Weekly	7	304,000
Oriental Daily News	2	296,000
Hong Kong Economic Journal	4	257,000
Next magazine	4	221,700
Sky Post	4	175,000
The Standard	3	149,900
Jiu Jik	3	148,188
Time magazine (Hong Kong)	2	128,000
Forbes (Hong Kong)	1	116,745
The Peak	3	120,000
Apple Daily	1	100,000
iMoney magazine	3	96,000
U Magazine	4	70,600
Economic Digest	3	50,600
PCM Market	3	50,000
Ming Pao Weekly	1	50,000

e-zone	2	44,000
Bloomberg Businessweek	1	42,000
Smart Parents	2	38,000
Metropop	1	30,000
Hong Kong Economic Journal Monthly	2	24,000

(4) The websites/network platforms on which the HKSTPC published online advertisements/sponsored content in the past 3 years (since March 2013), as well as the frequency, the duration (days) and the total expenditure involved (tabulated in descending order of amount spent):

Website/ network platform	Content of advertisement	Frequency	Duration (days)	Hit rate, frequency of exposure and no. of audiences	Total expenditure ($)
LinkedIn	"Let's Shape a Brighter Future Together" video	1	45	Hit rate: 1 685 Frequency of exposure: 451 237	1,125,676
	International publicity campaign – publicity activities targeting at overseas technology enterprises and scientific research personnel	1	105	Hit rate: 13 573 Frequency of exposure: 1 665 897	
Next Mobile	Smart Living@Science Park	15	50	No. of participants in online polling: 6 896 No. of video clip audiences: 214 398 No. of online story audiences: 111 918 Apple Daily website banner Hit rate: 4 992 Frequency of exposure: 660 682 Apple Daily mobile app banner Hit rate: 4 856 Frequency of exposure: 6 869 276	690,000
Facebook	Science Park Phase 3 Promotion – advertising by social networking	1	105	Hit rate: 59 583 Frequency of exposure: 267 574 665	511,792

	Science Park Phase 3 Promotion – advertising by photo posts (based on the interest of users)	1	105	Hit rate: 49 000 Frequency of exposure: 25 046 000	
	Interactive advertising by posts on Facebook page (2014 and 2016)	16	260	No. of participants: 38 527 Frequency of exposure: 1 343 529	
	TEENnovation	1	14	Frequency of exposure: 469 590	
	To "like" the Hong Kong Science Park Facebook page (January-February 2016)	2	28	No. of "like": 1 866 Frequency of exposure: 125 994	
	Interactive advertising by videos and posts on Facebook page (2015 and 2016)	1	60	No. of views: 49 446 Frequency of exposure: 73 301	
Google (International)	Search engine marketing campaign	Event-based short-term promotion	105	Hit rate: 15 841 Frequency of exposure: 3 242 595	360,000
Accuen (Hong Kong)	Science Park Phase 3 Promotion	1	105	Hit rate: 45 000 Frequency of exposure: 90 000 000	300,000
Airwave (Hong Kong)	Science Park Phase 3 Promotion	1	84	Hit rate: 139 372 Frequency of exposure: 23 772 326	300,000
100 Most	Innovation Heroes IV – The Three Technology Platforms and City Challenge – Bridge to a Smarter City	6	17	100 Most Facebook feed: Over 7 000 "likes" TV Most website banner: 930 500 exposures 100 Most magazine: Sponsored content of 4 pages in 2 issues	229,000
	Science Park Career Expo	1	7	100 Most Facebook feed: Over 9 100 "likes"	
Unwire	Incubation programmes of the Science Park, City Challenge – Bridge to a Smarter City, Entrepreneurship Symposium, Career Expo	30	Article will not be deleted once published on website	Frequency of exposure: 355 033	214,318
	Innovation Heroes III – Smart Living	1	30	Hit rate: 3.34% Frequency of exposure: 155 000	

Google Display Network (GDN) / YouTube Instream Video Ad / Facebook Display Ad / Yahoo Stream Ad	Innovation Heroes IV – The Three Technology Platforms	1	28	Data is not available as the publicity has yet to be completed	165,000
	Innovation Heroes III – Smart Living	1	28	GDN Hit rate: 5 317 Frequency of exposure: 3 040 309 YouTube No. of views: 13 288 Frequency of exposure: 76 661 Facebook Hit rate: 2 897 No. of views: 414 011 Yahoo Hit rate: 2 306 Frequency of exposure: 1 134 921	
	Innovation Heroes II – Benefitting the Community	1	28	GDN Hit rate: 3 813 Frequency of exposure: 1 657 283 YouTube No. of views: 17 404 Frequency of exposure: 209 396 Facebook Hit rate: 13 875 Frequency of exposure: 533 606 Yahoo Hit rate: 2 294 Frequency of exposure: 1 462 180	
	Entrepreneurship Symposium	1	7	Facebook Hit rate: 2 040 Frequency of exposure: 163 829 GDN Hit rate: 7 008	
SCMP	Science Park Phase 3 Promotion – via email	1	1	Hit rate: 518 Frequency of exposure: 5 300	162,080
	Science Park Phase 3 Promotion – on website	2	56	Hit rate: 742 Frequency of exposure: 271 000	

	Science Park Career Expo 2015, Science Park Career Expo 2016	2	21	2015 data not available from the media Frequency of exposure in 2016 publicity: 49 052	
Yahoo	Science Park Phase 3 Promotion	1	77	Hit rate: 679 Frequency of exposure: 442 000	108,700
	Search engine marketing campaign	Event-based short-term promotion	105	Hit rate: 21 295 Frequency of exposure: 2 158 000	
Openrice.com	Science Park retail, food & beverage promotional campaign for Christmas 2014	1	9	Not available from the media	91,412
	Science Park retail, food & beverage promotional campaign for Mother's Day 2015	1	17	Not available from the media	
	Science Park retail, food & beverage promotional campaign for Mid-Autumn Festival 2015	1	7	Not available from the media	
	Science Park food & beverage promotional campaign 2016	1	40	Not available from the media	
Chinese Journal of Nature platform	Science Park Phase 3 Promotion	1	61	Hit rate: 114 Frequency of exposure: 320 000	85,527
JobsDB	Science Park Career Expo 2015, Science Park Career Expo 2016	2	21	2015 data not available from the media Frequency of exposure in 2016 publicity: 323 417	60,000
CTgoodjobs	Science Park Career Expo 2015, Science Park Career Expo 2016	2	21	Not available from the media	48,000
Sciencemag.org	Science Park Phase 3 Promotion	1	61	Hit rate: 300 Frequency of exposure: 200 000	46,410
PCM Market	City Challenge – Bridge to a Smarter City, Science Park Career Expo 2016	4	Article will not be deleted once published on website	Hit rate: 2 618 No. of audiences: 188 884	45,800

Eat and Travel Weekly website	Science Park food & beverage promotional campaign	1	14	Not available from the media	29,000
ITPro	City Challenge – Bridge to a Smarter City	2	Article will not be deleted once published on website	No. of audiences: 34 978 No. of views: 10 421	26,000
Discuss.com	Innovation Heroes IV – The Three Technology Platforms	1	7	Hit rate: 319 Frequency of exposure: 341 140	25,575
Business Environment Council platform	Science Park Phase 3 Promotion	1	89	Hit rate: 37 Frequency of exposure: 37 800	11,040
Smart Parents website	TEENnovation	1	30	Not available from the media	9,500
Milk magazine	Entrepreneurship Symposium	1	Article will not be deleted once published on website	No. of audiences: 350 000	7,000
YouTube	APAC Innovation Summit 2014	1	30	Hit rate: 8 183 Frequency of exposure: 87 907	5,000
Instagram	"Let's Shape a Brighter Future Together" video	2	12	No. of views: 7 653 No. of audiences: 64 929	1,100

(5) Other media channels through which the HKSTPC published advertisements/sponsored content in the past year (since March 2015), as well as the frequency and the total expenditure involved (in descending order of amount spent):

Media channel	Frequency	Total expenditure ($)
Innovation Heroes III – Smart Living		
Bus body advertising on New World First Bus (NWFB) / City Bus	56 days, 30 buses	399,600
Bus body advertising on Kowloon Motor Bus (KMB)	56 days, 40 buses	568,000
Bus television (TV) commercial on KMB (1 minute)	21 days, 1 600 buses	105,000
Car wrap advertising on tram	56 days, 3 trams	541,900
Outdoor advertisement on tram shelter	31 days, Central station	603,000

Innovation Heroes IV – The Three Technology Platforms		
Bus body advertising on KMB Seatback advertising on KMB	28 days, 40 buses 20 days. 20 buses	410,000
Bus TV commercial on KMB (1 minute)	21 days, 1 600 buses	110,250
Outdoor advertising panel at Cross-Harbour Tunnel exit at Causeway Bay Bus TV commercial on NWFB (1 minute)	28 days 14 days, 1 200 buses	650,000
Science Park Phase 3 Promotion		
Bus body advertising on KMB	28 days, 30 buses	298,000
HKSTPC corporate advertisement		
Bus TV commercial on KMB (30 seconds)	21 days, 1 600 buses	100,000
Science Park Career Expo 2015		
Bus TV commercial on KMB (1 minute)	20 days, 1 600 buses	98,000
Science Park Career Expo 2016		
Bus TV commercial on KMB (1 minute)	14 days, 1 600 buses, advertisement production included	94,000
APAC Innovation Summit (year-round promotion)		
Car body advertising on minibus	365 days, 4 minibuses	46,400

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5727)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

With regard to the provision of funding support to Partner State Key Laboratories (PSKLs) in Hong Kong and Hong Kong Branches of Chinese National Engineering Research Centres (CNERCs) by the Innovation and Technology Commission, would the Government please inform this Committee of:

(1)   the details of operational expenses of the 16 PSKLs and the Hong Kong Branches of CNERCs in the past 3 years;

(2)   whether the PSKLs and the Hong Kong Branches of CNERCs have any principles or administrative guidelines on providing official entertainment in the form of meals; the actual expenses on official entertainment in the past 3 years and the estimated expenditure on official entertainment for 2016-17; and

(3)   the timetable, manpower and the resources involved in conducting reviews with the Ministry of Science and Technology on PSKLs and the Hong Kong Branches of CNERCs in 2016?

Asked by: Hon Charles Peter MOK (Member Question No. 160)

Reply:

The requested information is provided below:

(1) & (2)   As the hosting organisations of the Partner State Key Laboratories (PSKLs) in Hong Kong and Hong Kong Branches of Chinese National Engineering Research Centres (CNERCs), the local universities and the Hong Kong Applied Science and Technology Research Institute directly manage and are accountable for the overall operational expenses of the respective PSKLs and Hong Kong Branches

of CNERCs.   The Innovation and Technology Commission has not requested the PSKLs and Hong Kong Branches of CNERCs to individually report their overall operational expenses.   At present, an annual funding of up to $5 million, restricted for use on manpower and equipment, is provided to each PSKL and Hong Kong Branch of CNERC under the Innovation and Technology Fund. From 2016-17 onwards, a maximum of 30% of the funding will be allowed for use on consumables.   The funding should not be used to meet entertainment expenses.

(3)   Together with the Ministry of Science and Technology, we will conduct assessment on the 12 PSKLs established in or before 2010.   Specific timetable and arrangements are now under discussion.   We will invite the Research Grants Council of Hong Kong to nominate overseas experts to be the assessors based on the disciplines that the PSKLs are engaged in, and set up working groups to carry out the assessment.   Relevant expenses are to be ascertained upon confirmation of the assessment arrangements.   We plan to offer assistance to the working groups with existing departmental manpower.   The relevant departmental staff expenses form part of the expenditure on the work under Programme (4) "Planning for Innovation and Technology Development".   The estimated expenditure under Programme (4) for 2016-17 is $42.2 million, mainly for salary and general departmental expenses.   We do not have the required breakdown of departmental expenses and salaries.

- End -

Examination of Estimates of Expenditure 2016-17   Reply Serial No.

CONTROLLING   OFFICER'S   REPLY

| ITB138 |

(Question Serial No. 5730)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

With regard to the operation of the Guangdong-Hong Kong Technology Co-operation Funding Scheme, would the Government please inform this Committee of:

(1)   the names of all funded projects, the funding amount of individual projects and the annual total amount of funding in the past year by the following categories:

Category A - projects solicited, vetted and funded solely by Hong Kong
    Category A(1) - projects solicited, vetted and monitored by the research and development (R&D) Centres
    Category A(2) - projects solicited, vetted and monitored by the Innovation and Technology Commission

Category B - projects solicited, vetted and funded solely by Guangdong/ Shenzhen

Category C - projects jointly solicited, vetted and funded by Guangdong and Hong Kong
    Category C(1) - projects jointly funded by Guangdong and Hong Kong
    Category C(2) - projects jointly funded by Shenzhen and Hong Kong

(2)   whether external consultants were commissioned for the funded projects; if yes, please list out the names of the consultants and the fees;

(3)   the details of the realisation and commercialisation of R&D outcomes of the funded projects; and

(4)   the number of funded projects successfully applied for patents and its percentage in the total number of funded projects?

Asked by: Hon Charles Peter MOK (Member Question No. 164)

Reply:

The required information is provided below:

(1) A total of 16 Guangdong-Hong Kong Technology Co-operation Funding Scheme projects (TCFS projects) were funded with a total funding of around $45 million in 2015.   The project information is as follows:

	Project title	Funding amount ($'000)	Category
1.	Multi-form Geological Disasters Monitoring Over City Area using MT-InSAR Technique	837	C(2)
2.	The Development of Novel High Power Ultrafast Laser System for Precision Machining	1,350	C(2)
3.	Development of a Multi-modality Ultrasound Imaging Platform for Thyroid Diseases	1,800	C(2)
4.	Development of Key Technologies for miRNA Detection with Advanced Ultracompact SPR Platform	800	C(2)
5.	Research on the Application of Silicon Nanowires-based Anode Materials for Lithium Ion Batteries	2,060	C(2)
6.	Development of a DNA-based Platform for Marine Toxic Algal Species Identification	720	C(2)
7.	Development of an Intelligent Gait Training Robot for Hemiplegic Rehabilitation	1,387	C(2)
8.	Hardware Implementation of Ultrasound-Based Tissue Deformation Analysis Methods for Fast Disease Diagnosis	2,799	C(2)
9.	Development of a Computer Platform for Noninvasive Diagnose of Abnormal Vasculatures and Its Large-scale Clinical Validation Study	2,697	C(2)
10.	Research and Development of Key Technologies of Intelligent Grinding and Polishing Robotics System for Eyewear Industry	2,063	C(2)
11.	Development of Facilities and Fabrication Process used in Micro-embossing of Precision Glass Optical Microstructures	5,400	C(2)
12.	CO-tolerant Catalyst for Fuel Cell Based Breathalyzers	2,250	A(2)
13.	Intravascular Photoacoustic Spectroscopic Imaging System based on High-speed Wavelength Scanning	1,992	C(1)
14.	Solution-Processable Gold-Based OLED and WOLED Materials	13,455	A(2)
15.	Highly-reliable CMOS Integrated Circuit Oriented Manufacturing Process and Fast Design Validation Platform	1,658	C(2)

	Project title	Funding amount ($'000)	Category
16.	Development of Electric Vehicles with Body-Integrated Super-capacitor Energy Storage System	3,780	A(1)

(2)   The research and development (R&D) work of the funded projects was mainly conducted by the applicants or supporting parties.   If external consultancy was needed, the applicants must carry out procurement in compliance with the established procedures and mechanism.   The Commission has not compiled statistics on the commissioning of external consultants for the funded projects.

(3)   Industry sponsorship is required for all funded projects.   The intellectual property rights generated from collaborative projects are generally vested with the industry co-applicants, thus the results of such projects will be generally adopted by the industry partners.   Given that the commercialisation of collaborative project results may involve sensitive commercial information, details of which will not be disclosed.   As for platform projects, a number of the R&D results have been adopted by the industry through licensing arrangements.   One of the cases is the R&D project on bio-degradable synthetic polyester fibres conducted by the Hong Kong Research Institute of Textiles and Apparel.   The technology derived can be used to alleviate the environmental problems caused by waste disposal of synthetic polymers.   In addition, among the 95 funded projects completed in the past 5 years, trials for 6 projects have been conducted under the Public Sector Trial Scheme.

(4)   Among the funded projects completed in the past 5 years, over 20 projects (about 20%) have successfully applied for patents.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2461)

Head: (155) Government Secretariat : Innovation and Technology
                            Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government shall launch a Pilot Technology Voucher Programme under the Innovation
and Technology Fund.   In this connection, please provide the following information:

(a)   the ratio of the number of suppliers of technological services and solutions to the
      number of small and medium-sized enterprises (SMEs) in Hong Kong; whether it had
      assessed that the number of suppliers of technological services and solutions is able to
      cope with the demands from SMEs;

(b)   whether it had assessed the number of SMEs would join this Programme; if yes, please
      provide the details; whether some SMEs will be unable to receive the subsidy due to
      an excessive number of applications on the Programme;

(c)   the administrative and manpower expenditure on the Programme; whether it had a
      monitoring mechanism to prevent SMEs from abusing the subsidy.

Asked by: Hon Abraham SHEK Lai-him (Member Question No. 31)

Reply:

The requested information is provided below:

(a)   We do not keep information about the ratio of the number of suppliers of
            technological services and solutions to the number of small and medium
            enterprises (SMEs) in Hong Kong.

(b)&(c)   We plan to provide, on a 2:1 matching basis, a maximum subsidy of $200,000 for
            each eligible SME.   The pilot programme will be implemented for an initial
            period of 3 years, with an estimated expenditure of about $500 million.   Details

of the programme such as the specific funding scope, application quota, monitoring mechanism and required manpower will be finalised later.   We plan to consult the relevant Legislative Council Panel in the second quarter of 2016.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1996)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: Not Specified

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary mentioned in paragraph 148 of the 2015-16 Budget Speech that he had "asked all policy bureaux… to achieve more efficient use of resources through re-engineering and re-prioritising" and "launched the '0-1-1' envelope savings programme to reduce operating expenditure by a total of 2% over the next 3 financial years.   Resources saved will be re-allocated for new services."   Please inform this Committee of the implementation of the "0-1-1" envelope savings programme in 2015-16, 2016-17 and 2017-18, the services affected by the programme and details of the expenditure involved.

Asked by: Hon SIN Chung-kai (Member Question No. 57)

Reply:

The Innovation and Technology Commission (ITC) is endeavoured to reduce daily operating expenses through re-engineering and re-prioritisation measures in 2015-16, 2016-17 and 2017-18, with a view to achieving the saving target of "0-1-1" envelope savings programme.   On the other hand, ITC is tasked to roll out a number of new initiatives starting 2016-17 to promote the development of innovation and technology in Hong Kong.   To cope with the new tasks, ITC will be allocated with additional resources in 2016-17 and hence, the estimate for recurrent expenditure for 2016-17 increases by about $16.5 million (3.0%) as compared with the revised estimate for 2015-16.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0818)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the specific works of the Innovation and Technology Bureau on promoting "re-industrialisation" in the coming 3 years?   What is the expenditure involved?

Asked by: Hon TAM Yiu-chung (Member Question No. 16)

Reply:

The Government and the Hong Kong Science and Technology Parks Corporation (HKSTPC) have revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation".   In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion. The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created. It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council.

We will continue to work closely with the HKSTPC on implementing the above plan.   In addition to the existing manpower, we have created 2 additional posts under Programme (5), which include 1 Executive Officer II and 1 Assistant Clerical Officer, to support the relevant infrastructural projects.   The total expenditure on the annual emoluments of the above additional posts is about $700,000.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0819)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the specific plans of the Innovation and Technology Bureau on promoting collaboration between Hong Kong and Mainland and overseas research institutions in the next 3 years? What organisations, institutions and enterprises from Hong Kong are involved? What are the collaborating organisations, institutions and enterprises from the Mainland and overseas? What are the collaborative projects and scope of co-operation between the parties?

Asked by: Hon TAM Yiu-chung (Member Question No. 17)

Reply:

Hong Kong's capabilities, potentials and horizons for development in innovation have been well recognised by international advanced institutions. For example, both the Karolinska Institutet of Sweden and the Massachusetts Institute of Technology of the United States have announced the setup of overseas bases in Hong Kong to bring students, scholars and entrepreneurs from Europe, the United States and Hong Kong together to carry out innovative and scientific research work. In the next three years, we will continue to proactively promote the collaboration between Hong Kong and the world's top-notch science and research institutions.

On co-operation with the Mainland, we will continue to promote the collaboration on Partner State Key Laboratories, Hong Kong Branches of Chinese National Engineering Research Centres, National High-tech Industrialisation Partner Base and Guangdong-Hong Kong Technology Co-operation Funding Scheme with such Mainland authorities as the Ministry of Science and Technology, the Guangdong Provincial Department of Science and Technology, the Science and Technology Innovation Commission of Shenzhen Municipality. Hong Kong's research institutions and innovation and technology

enterprises will also be encouraged to enhance co-operation with the Mainland in different areas of scientific research.

At present, 50% of the research and development work of a funded project under the Innovation and Technology Fund can be conducted outside Hong Kong.   This arrangement will facilitate local research institutions to enhance co-operation with organisations from the Mainland and other places.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0820)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the specific works of the Innovation and Technology Bureau (ITB) in 2016-17 on preparing for establishing a funding scheme for University Grants Committee (UGC)-funded institutions to carry out more theme-based mid-stream and translational research?   When the funding scheme is expected to be officially launched?   Will the ITB consider extending the funding scheme to cover non-UGC-funded institutions?

Asked by: Hon TAM Yiu-chung (Member Question No. 18)

Reply:

We propose an additional injection of $2 billion into the Innovation and Technology Fund (ITF) to launch a Midstream Research Programme for Universities under the ITF and use the investment income generated to encourage University Grants Committee-funded universities to conduct theme-based research in key technology areas.   We will set specific research topics (e.g. smart city, healthy ageing, etc.) and encourage the institutions to explore relevant technologies to address these issues.

Specific details of the programme will be finalised later.   We plan to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0821)

Head: (155) Government Secretariat : Innovation and Technology
                         Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the specific works of the Innovation and Technology Bureau in 2016-17 on preparing for the establishment of a funding scheme for co-investing with private funds on a matching basis for investment in technology start-ups? When the funding scheme is expected to be officially launched? What are the specific operational measures of the funding scheme?

Asked by: Hon TAM Yiu-chung (Member Question No. 19)

Reply:

The Government has earmarked $2 billion to set up the Innovation and Technology Venture Fund (ITVF), which is a policy breakthrough of the Government serving to create a vibrant start-up ecosystem. The ITVF will co-invest with selected private venture capital funds in Hong Kong's innovation and technology start-ups on a matching basis with an investment ratio of about 1:2.

The Government will formulate the operational details of the ITVF later, such as the criteria in selecting private venture capital funds and the terms and conditions of investment, etc., and plans to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1803)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

During 2016-17, the Innovation and Technology Commission will continue to administer the various funding programmes and monitor progress of the funded projects. In this connection, would the Government advise of:

(1)   the annual number of funded projects and the funding amount in the past 3 years;

(2)   the estimated number of funded projects and the funding amount in 2016-17; and

(3)   whether it has assessed the effectiveness or cost-effectiveness of the funding programmes; if yes, of the details; if not, of the reasons for that?

Asked by: Hon James TIEN Pei-chun (Member Question No. 23)

Reply:

The required information is provided below:

(1)   The annual number of funded projects and funding amount under the Innovation and Technology Fund (ITF) in the past 3 years are tabulated as follows:

Financial Year	No. of projects approved	Funding amount
2013-14	575	$780 million
2014-15	653	$1.064 billion
2015-16 (As at end-January 2016)	520	$823 million

(2)   We estimate that about 680 projects will be approved, and around $1.1 billion of funding will be granted to about 2 000 newly approved projects and on-going projects under the ITF in 2016-17.

(3) The Government has been reviewing the funding programmes under the ITF from time to time since its launch in 1999.   The latest comprehensive review was completed in late 2014 and the review report on the ITF was subsequently submitted to the Legislative Council Panel on Commerce and Industry.   A series of improvement measures were implemented in stages in 2014-15.

- End -

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CONTROLLING OFFICER'S REPLY

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(Question Serial No. 1804)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (2) Fostering University-Industry Collaboration

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

During 2016-17, the Innovation and Technology Commission will continue to administer the University-Industry Collaboration Programme (UICP) and monitor progress of the funded projects.   In this connection, would the Government please advise:

(1)   the respective annual number of funded projects and the funding amount in the past 3 years;

(2)   the estimated number of funded projects and the funding amount in 2016-17; and

(3)   whether the effectiveness or cost-effectiveness of the UICP has been assessed; if yes, of the details; if not, of the reasons for that?

Asked by: Hon James TIEN Pei-chun (Member Question No. 24)

Reply:

The requested information is provided below:

(1)   A total of 53 projects were approved under the University-Industry Collaboration Programme (UICP) in the past 3 years (from 2013-14 to end-January 2016), involving a funding of $66.09 million.   Details are as follows:

Financial year	UICP	
	Number of projects approved	Funding amount
2013-2014	17	$20.56 million
2014-2015	18	$26.86 million
2015-2016 (as at end-January 2016)	18	$18.67 million

(2) We estimate that 21 applications will be received in 2016-17. According to the projection based on the average success rate (around 71%) in the past 3 years, it is expected that a total of about 15 projects will be approved, involving a funding of approximately $26 million.

(3) The UICP is a funding programme under the Innovation and Technology Fund which provides matching grant for collaborative projects undertaken by local companies in collaboration with universities. The 3 schemes under the UICP include－

   (a) Teaching Company Scheme: to support local companies to take on postgraduate students from local universities to assist in propriety research and development (R&D) work;

   (b) Matching Grant for Joint Research: to foster private companies to collaborate with universities in proprietary R&D projects; and

   (c) Industrial Research Chair Scheme: to assist universities and industry to develop research efforts that meet industrial needs by inviting professors to lead designated R&D projects.

The UICP mainly aims to encourage enterprises to collaborate with local universities to fully leverage the knowledge and resources of the universities and benefit from the R&D results. From our experience, most of the UICP projects can be completed according to their original milestones and project deliverables. Under the present funding arrangement of the UICP, the intellectual property rights arising from UICP projects belong to the applicant companies. In other words, the project outcomes are generally adopted by the industry partners who will be responsible for their commercialisation. As these projects are proprietary in nature and may involve commercially sensitive information, normally we cannot disclose their details. With the consent of the applicant company and collaborating university, we have set out below information on a successful project－

   • The Hong Kong University of Science and Technology has collaborated with an international pharmaceutical company to explore mechanisms for the pathogenesis of major neurodegenerative diseases such as Alzheimer's disease, and identify drugs which may be used for the treatment of these diseases.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1805)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

During 2016-17, the Innovation and Technology Commission will continue to work closely with the Hong Kong Science and Technology Parks Corporation on implementation of its various new developments and business plans of the Hong Kong Science Park and the Industrial Estates.   In this connection, would the Government inform this Committee of the details, implementation schedule and the breakdown of estimated expenditure involved for the developments and business plans concerned?

Asked by: Hon James TIEN Pei-chun (Member Question No. 25)

Reply:

In 2016-17, the Hong Kong Science and Technology Parks Corporation (HKSTPC) will take a more proactive role in promoting the development of innovation and technology (I&T) in addition to the provision of infrastructure and support services.   On software support, HKSTPC will continue to:

(a)   strengthen its connection with innovators, government agencies, investors and the industry;
(b)   foster collaboration with international and local universities and research institutions across different technological disciplines; and
(c)   promote innovative development by creating an inspiring and vibrant ecology and offering suitable services to I&T companies at different research and development stages, including continuing to support start-ups through its Corporate Venture Fund and incubation programmes.

In addition, on the hardware front, the HKSTPC:

(a) will expand the Science Park in phases to provide an additional floor area of 70 000 square metres for use by start-ups and other technology companies by 2020, with the project estimates amounting to $4.4 billion to be borne jointly by the Government and the HKSTPC; and

(b) is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O Industrial Estate. The total cost is estimated to be some $8.2 billion. The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created. It is expected that the entire project will be completed in 2021-22.

We will continue to work closely with the HKSTPC on implementing the above measures. In addition to the existing manpower, we have created 2 additional posts under Programme (5), which include 1 Executive Officer II and 1 Assistant Clerical Officer, to support the relevant infrastructural projects. The total expenditure on the annual emoluments of the above additional posts is about $700,000.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1806)

Head: (155) Government Secretariat : Innovation and Technology
                         Commission

Subhead (No. & title):

Programme: (7) Subvention: Hong Kong Productivity Council, Hong Kong
                         Applied Science and Technology Research Institute Company
                         Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

During 2016-17, the Hong Kong Productivity Council will continue to enhance its support
to Hong Kong companies operating in the Pearl River Delta (PRD), through subsidiary
consulting firms set up in Guangzhou, Shenzhen and Dongguan.   In this connection, would
the Government inform this Committee of:

(1)   the details of the services provided by the subsidiary consulting firms and how they
       support the Hong Kong companies operating in the PRD;

(2)   the subsidiary consulting firms set up in 2015-16 and the expenditure involved; and

(3)   the specific work plan and the estimated expenditure in 2016-17?

Asked by: Hon James TIEN Pei-chun (Member Question No. 26)

Reply:

The requested information is provided below:

(1)   The Hong Kong Productivity Council (HKPC) has set up 3 wholly-owned subsidiary
       consulting firms which operate on a self-financing basis in Guangzhou, Shenzhen and
       Dongguan to provide integrated support to Hong Kong-owned factories operating in
       those places, including consultancy on technology upgrade, consultancy on
       environmental protection technology, management consultancy and relevant training,
       and to assist Hong Kong-owned enterprises in enhancing technical and management
       capabilities, developing high value-added products and services, as well as enhancing
       competitiveness.

(2) The expenditure of the 3 subsidiary consulting firms in 2015-16 was about RMB14 million.   No new subsidiary consulting firm was set up in the year.

(3) In 2016-17, the HKPC's subsidiary consulting firms will enhance their support services for Hong Kong-owned factories operating in the Mainland with particular focus on promoting cleaner production and automated production services.   These firms will assist in promoting and implementing the extended Cleaner Production Partnership Programme launched by the Environmental Protection Department to help Hong Kong-owned factories adopt cleaner production technologies to enhance energy efficiency and reduce pollutant emission.   They will also focus on the planning and provision of automation solutions to support Hong Kong companies to embrace re-industrialisation and upgrade to intelligent manufacturing level so as to capitalise on the opportunities brought about by the "Made in China 2025" strategy.

In addition, in view of the positive response to the Enterprise Upgrading and Transformation Subvention Scheme for Hong Kong-owned companies collaboratively launched with a number of municipal governments in the Mainland, the HKPC's Mainland subsidiary consulting firms will continue to implement the schemes, with a view to assisting Hong Kong companies in solving problems on upgrading and transformation.   The estimated expenditure of the 3 subsidiary consulting firms in 2016-17 is RMB26.1 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1807)

Head: (155) Government Secretariat : Innovation and Technology
                         Commission

Subhead (No. & title):

Programme: (7) Subvention: Hong Kong Productivity Council, Hong Kong
                         Applied Science and Technology Research Institute Company
                         Limited

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

During 2016-17, the Hong Kong Applied Science and Technology Research Institute
(ASTRI) will continue to transfer technologies developed from its research and
development (R&D) projects to industry and commercialise project deliverables through
implementing corporate-level initiatives and encourage more collaborative projects.   In this
connection, would the Government please inform this Committee of:

(1)   the work plan and the breakdown of the estimated expenditure; and

(2)   how the effectiveness of commercialisation of R&D deliverables will be assessed?

Asked by: Hon James TIEN Pei-chun (Member Question No. 27)

Reply:

The requested information is provided below:

(1)   The Hong Kong Applied Science and Technology Research Institute (ASTRI) aims to
       promote Hong Kong's technological development and enhance the competitiveness of
       the industry.   Its missions include performing high quality research and development
       (R&D), as well as transferring the technologies and results developed from its R&D
       projects to industry and commercialising project deliverables.

       ASTRI plans to initiate about 43 new projects in 2016 and will continue to transfer the
       developed technologies to industry proactively.   The Innovation and Technology
       Commission will continue to provide funding support for ASTRI's work in 2016-17
       with details as follows:

(i)   To meet the operational expenses of ASTRI through recurrent subvention with the breakdown of estimated expenditure tabulated below:

	Breakdown of estimated expenditure for 2016-17 (in $ million)
Staffing	87.1
Accommodation	27.7
Equipment	2.6
Others	22.6
Total:	**140.0**

(ii)   In addition, the Innovation and Technology Fund also provides funding for ASTRI's R&D projects.   The estimated provision for 2015-16 is about $250 million.   The funding to be granted in 2016-17 will depend on the number of project applications and the amount of funding requested from ASTRI.

(2)   We will assess effectiveness of the realisation and commercialisation of R&D deliverables of ASTRI based on the following indicators:

(i)   number of technology transfers;
(ii)   number of clients;
(iii)   amount of income from industry (which includes contract services, licensing and royalty fees); and
(iv)   number of R&D results applied by the public sector under the Public Sector Trial Scheme.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4635)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

During 2016-17, the Innovation and Technology Commission will continue to administer the Technology Start-up Support Scheme for Universities (TSSSU).   In this connection, would the Government inform this Committee of:

(1)   The total number of enterprises funded under the TSSSU and the expenditure involved in 2015-16?

(2)   The highest, lowest and average amounts of funding?

(3)   The work plan and estimated expenditure in 2016-17?

Asked by: Hon James TIEN Pei-chun (Member Question No. 67)

Reply:

The requested information is provided below:

(1) and (2)   The Innovation and Technology Commission (ITC) launched, under the Innovation and Technology Fund (ITF), the Technology Start-up Support Scheme for Universities (TSSSU) in September 2014 to encourage the teams of 6 local universities to start technology businesses, bring research and development (R&D) results from the campus to the real world, and facilitate the realisation of R&D results.   An annual funding of up to $4 million is provided to each of the 6 local universities under the Scheme.   Each funded technology start-up may receive up to $1.2 million each year for no more than 3 years.

In 2015-16, 66 technology start-ups were funded, with an amount of funding at approximately $22.6 million.   The amount of funding provided to each

technology start-up ranges from $100,000 to $1.1 million. The average funding provided to each technology start-up is about $340,000.

(3)   The 6 local universities have already commenced work relating to the applications for 2016-17.   Technology start-ups interested in the TSSSU should submit their applications to the knowledge transfer/technology transfer offices of their associated universities.   The selection panel in each university, formed by members with relevant expertise and experience, will assess the applications, taking into account the innovation and technology content of the business, the commercial viability of the business, the capability of the applicant team, the benefits to the community, etc.   Applications assessed and recommended by the universities will be forwarded to the ITC for agreement.

The TSSSU is one of the work activities under Programme (3) "Promotion of Technological Entrepreneurship".   The estimated expenditure under Programme (3) for 2016-17 is $21.6 million, which is mainly for salaries and general departmental expenses.   We do not have the required breakdown of the departmental expenses and salaries.   The funding granted under the TSSSU comes from the ITF.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4644)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

As mentioned in paragraph 47 of the Budget Speech, the Hong Kong Science and Technology Parks Corporation (HKSTPC) is considering promoting smart production and research at the Tseung Kwan O Industrial Estate. Advanced manufacturing industries using robotics and information technology will be brought together to drive the development of the entire value chain, covering product research and development, design, production, testing, as well as marketing and branding.   It is estimated that this project will cost $8.2 billion and will be completed in 2021-22.   Will the Government advise of the details of the project, a breakdown of the estimated expenditure and the anticipated cost effectiveness?

Asked by: Hon James TIEN Pei-chun (Member Question No. 77)

Reply:

The Government and the Hong Kong Science and Technology Parks Corporation (HKSTPC) have revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation".   In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion, mainly used for related building cost and engineering consultancy fees.   The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created.   It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council (LegCo).   Subject to the funding approval by

the LegCo within this legislative term, the first project is expected to be completed in 2020 at the soonest, and the entire project will be wholly completed around 2021-22.

- End -

Reply Serial No.

ITB152

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4647)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

As mentioned in paragraph 66 of the Budget Speech, the Government will set up a $2 billion Innovation and Technology Venture Fund to co-invest with private venture capital funds on a matching basis in local technology start-ups.   Would the Government account for the details and implementation schedule of the plan, and the department(s), establishment and estimated administrative cost for administering the fund?

Asked by: Hon James TIEN Pei-chun (Member Question No. 81)

Reply:

The Government has earmarked $2 billion to set up the Innovation and Technology Venture Fund (ITVF), which is a policy breakthrough of the Government serving to help create a vibrant start-up ecosystem.   The ITVF will co-invest with selected private venture capital funds in Hong Kong's innovation and technology start-ups on a matching basis with an investment ratio of about 1:2.

The Government will formulate the operational details of the ITVF later, including the criteria in selecting private venture capital funds and the terms and conditions of investment caps, etc., and plans to consult the relevant Legislative Council (LegCo) Panel in the second quarter of 2016 and seek funding approval from the LegCo Finance Committee subsequently.

We have increased the provision under Programme (3) to support and administer the ITVF, including the costs for creating additional posts as well as the relevant professional services and administrative fees, involving a total annual expenditure of approximately $9 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4648)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

As mentioned in paragraph 55 of the Budget Speech, the Government plans to increase the level of cash rebate under the Research and Development Cash Rebate Scheme to 40%. Will the Government advise of the following:

(1)   What is the total number of enterprises to which cash rebate has been disbursed under the Scheme and the expenditure involved?

(2)   What are the highest, lowest and average amounts of cash rebate disbursed?

(3)   What is the estimated number of enterprises to be assisted in 2016-17 and the estimated expenditure?

Asked by: Hon James TIEN Pei-chun (Member Question No. 82)

Reply:

The requested information is provided below:

1.   Since the launch of the Research and Development (R&D) Cash Rebate Scheme in 2010 to the end of January 2016, over 800 enterprises were funded, involving cash rebate amounting to about $165 million.

2.   The highest and lowest amounts of cash rebate of the approved applications are $6.13 million and $500 respectively, with an average amount of funding at $130,000.

3.   We have not estimated the number of enterprises applying for cash rebate in 2016-17. On expenditure, the amounts of cash rebate approved in 2013-14, 2014-15 and 2015-16 (as at end-January 2016) were about $30 million, $44 million and $49 million

respectively.   It is expected that the expenditure in 2016-17 will continue to increase. In order to provide a more stable and longer-term financial support to sustain our efforts in the promotion of private sector investment in R&D, the Scheme will be subsumed under the block vote of the Innovation and Technology Fund with effect from 1 April 2016.   Therefore, estimate on the breakdown of expenditure will no longer be available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2904)

Head: (155) Government Secretariat : Innovation and Technology
                          Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

One of the duties of the Innovation and Technology Bureau in 2016-17 is to "monitor the implementation of the new Industrial Estate (IE) policy". What are the details of the new IE policy? What is the current progress? What is the estimated expenditure involved?

Asked by: Hon Michael TIEN Puk-sun (Member Question No. 38)

Reply:

The Government and the Hong Kong Science and Technology Parks Corporation (HKSTPC) have revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation". In future, the HKSTPC will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE. The total cost is estimated to be some $8.2 billion. The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created. It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the corresponding funding proposal to the Legislative Council (LegCo). Subject to the funding approval by the LegCo within this legislative term, the first project is expected to be completed in 2020 at the soonest, and the entire project will be wholly completed around 2021-22.

In addition to the pilot projects on developing specialised multi-storey industrial buildings using the remaining space in the IEs, the HKSTPC is also negotiating with factory operators to request them to surrender the unused plot ratio and encourage them to surrender premises which have not been fully utilised. Through such measures, the HKSTPC can make better

use of the existing IE sites. On identifying new IE sites, the 2016 Policy Address announced that the Government would identify sites near the Liantang/Heung Yuen Wai Boundary Control Point for the development of the Science Park and IEs.   The Planning Department will carry out preliminary planning study.

We will continue to work closely with the HKSTPC on implementing the above measures. In addition to the existing manpower, we have created 2 additional posts under Programme (5), which include 1 Executive Officer II and 1 Assistant Clerical Officer, to support the relevant infrastructural projects.   The total expenditure on the annual emoluments of the above additional posts is about $700,000.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1292)

Head: (155) Government Secretariat : Innovation and Technology
                         Commission

Subhead (No. & title):

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government attaches importance to and promotes the development of innovation and technology (I&T).   With the establishment of the Innovation and Technology Bureau in late 2015, a number of I&T policies have been introduced to encourage more private sector investment in research and development on the one hand, and encourage universities to promote the development of scientific research on the other.   In this connection:

(1)   Is the increase in financial resources for 2016-17 sufficient for the Commission to implement and promote various initiatives proposed under the I&T policies?   How will the additional provision and 7 posts be allocated to support enterprises and the scientific research of universities?   What is the establishment of the new posts?

(2)   Has the Government assessed the effectiveness of the three-year Technology Start-up Support Scheme for Universities (TSSSU) launched in 2014-15?   If yes, what are the details; if not, what are the reasons?   Of the increased estimated expenditure this year, how much will be used on the TSSSU?   What are the specific measures to promote the commercialisation of research outcomes, enhance Hong Kong's competitiveness and diversify the economic development?

Asked by: Hon Tony TSE Wai-chuen (Member Question No. 10)

Reply:

The requested information is provided below:

(1)   The work under Programme (3) "Promotion of Technological Entrepreneurship" in 2016-17 includes implementing the newly proposed Innovation and Technology Venture Fund and continuing to administer the Enterprise Support Scheme, the Technology Start-up Support Scheme for Universities (TSSSU), etc.   The estimated

expenditure is about $21.6 million, which is mainly for salaries and general departmental expenses. We do not have the required breakdown of the departmental expenses and salaries.

(2) The Innovation and Technology Commission launched, under the Innovation and Technology Fund, the TSSSU in September 2014 to encourage the teams of 6 local universities to start technology businesses, bring research and development (R&D) results from the campus to the real world, and facilitate the realisation of R&D results. An annual funding of up to $4 million is provided to each of the 6 local universities under the Scheme. Each funded technology start-up may receive up to $1.2 million each year for no more than 3 years.

In 2014-15 and 2015-16, 36 and 66 technology start-ups were funded respectively under the TSSSU (26 of them were funded for 2 consecutive years), with a respective amount of funding at approximately $19 million and $22.6 million. According to the information provided by the universities, individual technology start-ups have made achievements in the realisation of their R&D results, such as being invested by venture capital companies and awarded international awards. The Government will continue to administer the TSSSU and will review the funding arrangements in 2016-17.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0302)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned that the Government will promote "re-industrialisation" through the development of smart production and high value-added industries.   In this connection, would the Government inform this Committee of:

1.   the details on how the existing Industrial Estate (IE) policy/measures will be revised to tie in with this policy;

2.   whether there are new IE sites and the current progress; and

3.   whether existing premises which are no longer used for industrial production will be utilised, e.g. the private industrial buildings which are no longer used for industrial production?

Asked by: Hon WONG Kwok-hing (Member Question No. 14)

Reply:

The Government has revised the IE policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation".   In future, the Hong Kong Science and Technology Parks Corporation ("HKSTPC") will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories.   The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion.   The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created.   It is expected that the relevant study will be

completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council.

As regards identifying new IE sites, the 2016 Policy Address stated that the Government will identify sites near the Liantang/Heung Yuen Wai Boundary Control Point for the development of the Science Park and IEs. The Planning Department will carry out preliminary planning study on this proposal.

- End -

Examination of Estimates of Expenditure 2016-17   Reply Serial No.

ITB157

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0303)

Head: (155) Government Secretariat : Innovation and Technology
                           Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: **Secretary for Innovation and Technology**

Question:

It is mentioned in the Budget Speech that the Government is considering promoting "smart production and research … Advanced manufacturing industries using robotics and information technology will be brought together to drive the development of the entire value chain, covering product research and development, design, production, testing, as well as marketing and branding." Regarding the development of this value chain, would the Government advise this Committee on:

1. the amount of funding to be allocated;

2. its implementation details;

3. the estimated number of posts to be created for the sector;

4. whether targeted talent training will be involved, if so, please provide the details.

Asked by: Hon WONG Kwok-hing (Member Question No. 15)

Reply:

The Government has revised the IE policy with admission requirements favouring innovation and technology industries with a view to promoting "re-industrialisation". The facilities provided will be suitable for housing different production activities in the entire value chain. In future, the Hong Kong Science and Technology Parks Corporation ("HKSTPC") will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories. The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE. The total cost is estimated to be some $8.2 billion. The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created. It is expected that the relevant study will be

completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0304)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget Speech that the Government will increase the level of cash rebate under the Research and Development (R&D) Cash Rebate Scheme to 40% to encourage private enterprises, small and medium enterprises in particular, to put more resources into R&D works. Please list out the respective number of projects received, approved and completed by industry, funding amount and funded project in the past 3 years.

Asked by: Hon WONG Kwok-hing (Member Question No. 16)

Reply:

The Research and Development (R&D) Cash Rebate Scheme provides private companies with cash rebate for their investments in 2 types of applied R&D projects below:

-    R&D projects funded under the Innovation and Technology Fund (ITF projects); and
-    R&D projects conducted in partnership with designated local public research institutions and funded entirely by the companies (Partnership projects).

For the past 3 years (i.e. 2013, 2014 and 2015), the number of ITF projects and Partnership projects involving cash rebate applications was 172, 206 and 219 respectively.   All of the applications were approved and over 80% of which were completed.

The breakdown on the number of projects by research area is as follows:

Research area	2013	2014	2015
Biotechnology	7	18	22
Chinese medicine	8	1	4
Electrical and electronics	36	51	43
Environmental technology	4	7	5
Information technology	44	54	42
Manufacturing technology	50	52	60
Materials science	11	8	21
Nanotechnology	6	10	15
Others	6	5	7
Total:	**172**	**206**	**219**
Cash rebate ($ million)	**28.1**	**43.0**	**48.6**

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0853)

<u>Head</u>:	(155) Government Secretariat : Innovation and Technology Commission
<u>Subhead (No. & title)</u>:	
<u>Programme</u>:	(1) Support for Research and Development
<u>Controlling Officer</u>:	Commissioner for Innovation and Technology (Ms Annie CHOI)
<u>Director of Bureau</u>:	Secretary for Innovation and Technology

<u>Question</u>:

The Pilot Technology Voucher Programme aims to subsidise small and medium enterprises (SMEs) in using technological services and solutions to improve productivity and upgrade or transform business processes.   The three-year pilot programme will provide, on a matching basis, a maximum subsidy of $200,000 for each eligible SME.   The estimated expenditure of this programme is $500 million.

What is the earliest possible date for implementation of the pilot programme?   What are the requirements of the technological services and solutions that can be included in the list?   Will the Government conduct any interim review, as well as increase provision for and extend the duration of the programme as appropriate?

<u>Asked by</u>: Hon WONG Ting-kwong (Member Question No. 5)

<u>Reply</u>:

The Pilot Technology Voucher Programme's specific funding scope and application details will be finalised later, but in principle we will try to balance between having a simple application process and ensuring that the programme will not be abused.   We plan to consult the relevant Legislative Council Panel in the second quarter of 2016.

The Government will review the effectiveness and the operation of the pilot programme such as the funding scope, funding amount and vetting procedures after 3 years, with a view to exploring the need for any modification.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0865)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Hong Kong Science and Technology Parks Corporation (HKSTPC) is considering promoting smart production and research at the Tseung Kwan O Industrial Estate (IE). Advanced manufacturing industries using robotics and information technology will be brought together to drive the development of the entire value chain, covering product research and development, design, production, testing, as well as marketing and branding. It is estimated that this project will cost $8.2 billion and will be completed in 2021-22.

The long-term scientific research project requiring a funding of $8.2 billion is scheduled for completion in 2021-22, taking around 5 years.   How will the Government ensure that the entire project can be fully implemented without being affected by political factors (such as change in the senior management of the Government) and avoid a substantial cost increase?

Asked by: Hon WONG Ting-kwong (Member Question No. 17)

Reply:

The Government has revised the Industrial Estate (IE) policy with admission requirements favouring innovation and technology (I&T) industries with a view to promoting "re-industrialisation".   In future, the Hong Kong Science and Technology Parks Corporation ("HKSTPC") will build and manage specialised multi-storey industrial buildings for rent to multi-users and except under exceptional circumstances, it will not grant the sites to single users for building their own factories.   The HKSTPC is planning for two pilot projects on developing high-efficiency multi-storey buildings in the Tseung Kwan O IE.   The total cost is estimated to be some $8.2 billion.   The HKSTPC is now carrying out detailed study on the financial arrangements and economic case of the projects, including the number of employment expected to be created.   It is expected that the relevant study will be completed in the first half of 2016 and we will then submit the funding proposal to the Legislative Council (LegCo).   Subject to the funding approval by

the LegCo within this legislative term, the first project is expected to be completed in 2020 at the soonest, and the entire project will be wholly completed around 2021-22.

This project will bring about significant benefit to the promotion of I&T development and even to the overall economy. We will strive to seek support from various sectors of the community for funding approval soonest possible and implement the whole project at full steam. The HKSTPC will also adopt appropriate measures and exercise prudence in controlling the overall project cost.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0869)

Head: (155) Government Secretariat : Innovation and Technology Commission

Subhead (No. & title):

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology (Ms Annie CHOI)

Director of Bureau: Secretary for Innovation and Technology

Question:

One of the Commission's responsibilities is to support the development of Chinese medicines (CM), and co-ordinate various parties in promoting the development of research and development and testing of CM. As such, have the Commission together with other related departments looked into the situation of CM enterprises in Hong Kong with financial resources and manpower? If yes, for the purpose of assessing the work effectiveness, please set out the total number of manufacturers, distributors, wholesalers and retailers, the number of small and medium enterprises and the number of manufacturers complying with Good Manufacturing Practice requirements in the local CM industry, the respective number of persons engaged in the whole industry and by the various traders above, the respective output of the whole industry and the various traders above and its percentage share of the gross domestic product, as well as the financial resources and manpower devoted in the Government's effort in looking into such situation.

Asked by: Hon WONG Ting-kwong (Member Question No. 21)

Reply:

In regard to Chinese medicines (CM) matters, the Department of Health (DH) is responsible for assisting the Chinese Medicine Council of Hong Kong (CMCHK) with the regulation of CM, including registration of proprietary Chinese medicines (pCm) products, licensing of CM traders, etc., while the Innovation and Technology Commission is responsible for promoting the innovation and technology development of CM, as well as supporting projects relating to research and development, and contributing to industry upgrading of CM through the Innovation and Technology Fund.

Under the Chinese Medicine Ordinance, a relevant licence issued by the CM Board of the CMCHK should be obtained for carrying on a business in CM. According to the figures

provided by the DH, as at 1 March 2016, the number of local licensed CM traders, majority of which were small and medium enterprises with less than 100 employees, was as follows:

Type of traders	**Number of traders**	
Wholesalers of Chinese herbal medicines	910	
Retailers of Chinese herbal medicines	4 721	
Manufacturers of pCm	276	[Among them, 14 were holders of Certificate for Manufacturer (Good Manufacturing Practice for pCm) (i.e. compliance with GMP requirements)]
Wholesalers of pCm	1 035	

In addition, according to the latest figures provided by the Census and Statistics Department, the number of persons engaged, sales and other receipts, gross output and value added of the local CM industry in 2014 were as follows:

Type of trades	Number of persons engaged*	Sales and other receipts[†] (HK$ million)	Gross output[‡] (HK$ million)	Value added (HK$ million)	Value added as a percentage to Gross Domestic Product (GDP)[#] (%)
Manufacturing of CM	2 260	3,942.6	3,800.1	1,384.4	0.06%
Import/export of CM	1 840	10,431.2	1,338.1	893.4	0.04%
Wholesale of CM	1 270	5,754.0	804.9	616.9	0.03%
Retail of CM	4 840	7,159.0	2,826.0	1,349.8	0.06%
All trades above	10 200	27,286.8	8,769.1	4,244.5	0.19%

(Notes: (i)   The above statistics are compiled in accordance with the Hong Kong Standard Industrial Classification Version 2.0.

             (ii)   Figures may not add up to the respective totals owing to rounding.

         *The figures refer to the average for the 4 quarters of the year and are rounded to the nearest ten.

        [†] Sales and other receipts of the industry of manufacture of CM equals the sum of sales of goods, industrial work and industrial services, receipts for non-industrial services rendered to other establishments, rental income and income from other sources; whereas sales and other receipts of the industries of import/export, wholesale and retail of CM equals the sum of value of sales

of goods, receipts for services rendered, rental income from letting/subletting land and premises and income from other sources.

‡ Gross output of the industry of manufacture of CM equals the sum of sales of goods, industrial work and industrial services, rental income and income from other sources less purchases of goods for resale in same condition; whereas the gross output of the industries of import/export, wholesale and retail of CM equals the sum of value of sales of goods, receipts for services rendered, and rental income from letting/subletting land and premises less cost of goods sold.

The percentages in the above table is compiled as a percentage share in nominal GDP valued at basic prices as announced on 24 February 2016.)

To promote the development of CM is one of the work activities under Programme (4) "Planning for Innovation and Technology Development". The provision under this Programme is mainly for salary and departmental expenses. We do not have a separate breakdown of the departmental and salary expenses for the promotion of CM development.

- End -

Reply Serial No.

CONTROLLING OFFICER'S REPLY

ITB162

(Question Serial No. 1851)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government plans to expand the Gov*WiFi* services to 600 government venues with totally 3 000 Wi-Fi hotspots. However, there are many limitations on Gov*WiFi*, e.g. time limitations and slow speed, discouraging members of the public from using the services. As the Government currently plans to double Gov*WiFi* (hotspots) significantly, the maintenance involved will be greatly increased. In this connection, please list out in tabular form the annual recurrent maintenance costs paid by the Government, the manpower and Internet access fees involved since the service launch. What are the estimated expenditure and related growth rate after increasing the number of Wi-Fi hotspots to 3 000?

How will the Government reduce the maintenance costs, and achieve cost-effectiveness on the usage and maintenance costs in order to avoid under-usage with high maintenance costs? Does the Government have any practical ways to improve the problem of slow speed or even replace transmission technology services with other technologies?

Has the Government noted the emergence of new Internet transmission technologies in recent years? Among them, the LiFi transmission technology is faster and cheaper that Wi-Fi technology. While increasing the Gov*WiFi* (hotspots) significantly, has the Government considered the fact that it will take the Government more resources to replace the old technologies with the emergence of new technologies?

Will the Government please list out in tabular form the usage rate of existing Wi-Fi hotspots together with the average daily usage and average transmission speed? What is the number of locations with very low usage of public Wi-Fi? Please list out the bottom 10 (locations) of Gov*WiFi* usage and their daily usage. Will the Government regularly review (the locations of) lower Gov*WiFi* usage and consider switching to other public places with higher usage, e.g. students' study rooms, libraries, etc?

The Audit Commission had pointed out that the performance of Gov*WiFi* services was unsatisfactory (problems included slow transmission speed, no full coverage in some hotspots, cumbersome set-up procedures for using encrypted connection, etc). Has the Government improved the service under the plan?

Asked by: Hon CHAN Chi-chuen (Member Question No 4)

Reply:

We have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK through public-private collaboration by doubling its number of hotspots from 17 000 to 34 000 at locations with high patronage in the 18 districts across Hong Kong within 3 years. Under the Wi-Fi.HK brand, there are currently about 3 100 Government Wi-Fi (Gov*WiFi*) hotspots providing free public Wi-Fi services to the public and visitors.

The approximate recurrent maintenance costs and Internet access fees for operating the Gov*WiFi* services in the past 5 years are as follows:

Year	Expenditure ($ million)
2011-12	3.0
2012-13	3.0
2013-14	2.9
2014-15	4.2
2015-16 (As at February 2016)	5.0
Total	**18.1**

As for the daily operation of Gov*WiFi* such as programme coordination and management, the recurrent manpower required is about 18 man-months each year. With reference to the current bandwidth of the venues, the recurrent maintenance costs and Internet access fees in 2016-17 are estimated to be about $6.1 million.

Gov*WiFi* mainly provides free Wi-Fi services at government venues with high patronage. We monitor the bandwidth usage at different venues, as well as review and adjust the bandwidth and number of hotspots at the venues regularly. We perform monthly sample checks at Gov*WiFi* venues to monitor the service performance, including transmission speed and connection stability. We also conduct round-the-clock monitoring of the Gov*WiFi* service performance to ensure its cost-effectiveness.

For connection speed improvement, we are progressively doubling the speed of Wi-Fi services at government venues. For example, we have doubled the user connection speed from 1 - 2 Mbps to 3 - 4 Mbps at government venues with high patronage, including all public libraries, to provide faster Internet service for the public.

Moroever, we always keep abreast of new development of network communication technology. We understand that LiFi is mainly used for short-distance high-speed communication in indoor environment. As the communication distance of LiFi is very

short and cannot penetrate obstacles, and will be easily affected by various outdoor light sources, it has not been adopted for public network communication.   It is also understood that there is no deployment of the LiFi technology in public network communication system in other major cities in the world.   The Government will continue to keep track of the development of network communication technology and timely upgrade and adopt new public network communication technology to enhance service quality.   Through the future public-private collaboration model, we will request service providers to adopt the latest Wi-Fi international standards to provide service for better stability and performance.   The public-private collaboration model would facilitate the Government to utilise resources more effectively and minimise operating cost, while the service providers can adopt the most appropriate Wi-Fi technology in the market to provide the best service for the public.

As for the usage rate, we do not have the usage data of individual Wi-Fi hotspots.   The top 10 and lowest 10 usage venues based on the average number of daily users in 2015 are as follows:

Top usage venues in 2015:

	Venues	Average Number of Daily Users
1	Hong Kong Central Library	1 494
2	Hong Kong – Macau Ferry Terminal (passenger departure waiting hall)	1 263
3	Hong Kong Cultural Centre cum Tsim Sha Tsui Promenade	883
4	China Ferry Terminal	815
5	Ping Shan Tin Shui Wai Public Library	521
6	Sha Tin Public Library	460
7	Tai Po Public Library	417
8	Tuen Mun Public Library	398
9	Kowloon Park	385
10	Tsuen Wan Public Library	381

Lowest usage venues in 2015:

	Venues	Average Number of Daily Users
1	Textiles Trader Registration Office	4
2	Sai Kung District Office – Public Enquiry Service Centre	4
3	Wah Kwai Community Centre	3
4	Hing Wah Community Hall	3
5	South Lamma Public Library	3
6	Lantau Link Visitors Centre	3
7	Islands District Office – Mui Wo Public Enquiry Service Centre	3
8	Stanley Community Hall	2

| 9 | Clear Water Bay Visitor Centre | 2 |
| 10 | Islands District Office – Tung Chung Public Enquiry Service Centre | 2 |

To ensure the quality of Gov*WiFi* services and cost-effectiveness, we monitor the bandwidth usage at different venues, as well as review and adjust the bandwidth and number of hotspots at the venues regularly. The Gov*WiFi* Maintenance Board monitors the usage at the venues regularly and will suggest removing venues from Gov*WiFi* services if sustained low usage is observed. We have in the past removed 1 venue with sustained low usage and advised the public to use the Gov*WiFi* services at other nearby venues.

In response to the recommendations made in the Director of Audit's Report, we have taken a series of measures to enhance the quality of Gov*WiFi* services, including:

(i) conducted thorough on-site service checks at all Gov*WiFi* venues to ensure the service quality and connectivity within hotspot coverage areas;

(ii) increased the bandwidth limit for Gov*WiFi* users starting from October 2013. Starting from January 2016, we also progressively enhance the user connection speed at all government venues. For example, we have doubled the connection speed from 1 - 2 Mbps to 3 - 4 Mbps for government venues with high patronage, including all public libraries, to provide faster Internet service to the public. We will continue to enhance the speed to meet public demand and monitor the quality of the Wi-Fi services to ensure cost-effectiveness;

(iii) set up the Gov*WiFi* Maintenance Board with members from major participating departments to manage the development and maintenance of Gov*WiFi* services as well as monitor the service quality and contractor performance. Under the supervision of the Maintenance Board, we perform monthly sample checks at Gov*WiFi* venues to monitor the service performance, including transmission speed and connection stability;

(iv) convene service management meetings with the contractors on a regular basis to review the service level, and conduct round-the-clock monitoring of the Gov*WiFi* service performance; and

(v) the encrypted connection to Gov*WiFi* services is set up through the encrypted connection method available in the operating systems of users' mobile devices. To facilitate the public in making encrypted connection by themselves, detailed setup procedures of encrypted connection for common operating systems have been uploaded to the Gov*WiFi* website. We have also prepared and uploaded video clips on the setup of encrypted connection for some popular mobile devices to the Gov*WiFi* website. Moreover, we have produced bookmarks and setup manual for distribution at relevant Gov*WiFi* venues for reference by the public.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1852)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the support provided by the Office of the Government Chief Information Officer to bureaux and departments in the development of mobile applications (apps) for e-government services, please inform this Committee of the following:

(a) What were the names, project costs involved, launch dates and numbers of downloads of the apps developed by the Government in the past 2 years?

(b) What are the names, project costs involved and launch dates of the apps for which the development work will be completed soon in the coming year?

(c) Does the Government have any plan to increase the usage rate and number of downloads of the apps?

Asked by: Hon CHAN Chi-chuen (Member Question No.5)

Reply:

The required information is provided as follows:

(a) Information on the mobile apps developed by government bureaux and departments (B/Ds) in the past 2 years is set out at Annex A.

(b) Information on the mobile apps to be launched by B/Ds in 2016-17 is set out at Annex B.

(c) The Office of the Government Chief Information Officer has been supporting B/Ds through various measures to develop user-friendly mobile apps that meet users' needs. These measures include organising thematic seminars to update B/Ds on the latest development and functions of mobile technology so that they can make beneficial use of it. In 2015, we issued a practice guide to assist B/Ds in developing apps that are more convenient to use and provided practical app templates that involve common app features for B/Ds' use and reference. In 2016-17, we will continue the work in this area. We will also encourage B/Ds to promote their mobile apps through different channels to further raise the usage and download rates of their mobile apps.

Information on the mobile apps developed by government bureaux and departments in the past 2 years

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
Buildings Department	Quick Guide for Minor Works	$289,800	$68,500	Project commencement date iOS: 1 March 2014 Android : 25 July 2014 Official launch date iOS: 25 September 2014 Android: 31 October 2014	10 659
Buildings Department	Signboard Report Pilot System	$149,000	System maintenance cost for 6 months: $12,000 License Subscription for 6 months (30 users) : $20,700	Project commencement date: 23 December 2014 Official launch date: 12 February 2015	591⊕
Civil Aviation Department	51st Asia/Pacific Directors General of Civil Aviation Conference Information Centre	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Official launch date: 19 October 2014 Off-shelf date: 1 December 2014	220⊕※ Off-shelf date: 1 December 2014
Civil Engineering and Development Department	HK Slope Safety	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Project commencement date: November 2013 Official launch date: February 2015	467
Civil Engineering and Development Department	Greener Slopes Better Cityscape	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Project commencement date: August 2015 Official launch date: October 2015	41
Civil Service Bureau	Government Vacancies	$980,000	As the maintenance service provided by the contractor has covered other systems, no separate breakdown on an individual system is available.	Project commencement date: June 2013 Official launch date iOS: 11 September 2015 Android: 8 July 2015	77 329
Constitutional	Mobile	$448,000	Nil	Project commencement	140⊕

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
and Mainland Affairs Bureau	Application for Promotion of Children's Rights	(Including system maintenance for the first year)		date: January 2013 The app became available for public download in July 2014. Off-shelf date: October 2015	Off-shelf date: October 2015
Constitutional and Mainland Affairs Bureau	A Basic Law Quiz A Day	$296,000 (Development cost and system maintenance cost cannot be separately singled out and itemised)	Development cost and system maintenance cost cannot be separately singled out and itemised.	Project commencement date: March 2015 Official launch date: July 2015	5 640
Correctional Services Department	Hong Kong Correctional Services Department Mobile App	$308,000	$80,000	Project commencement date iOS: 6 June 2014 Android: 9 October 2013 Official launch date: 16 February 2015	5 987
Customs and Excise Department	HK Car First Registration Tax	$230,000	$23,000	Project commencement date: February 2014 Official launch date: 30 May 2014	5 024
Department of Health (Student Health Service)	Student Body Weight for Height Check	(Including system maintenance for the first 6 months) iOS (Chinese version): $148,000 iOS (English version) and Android (English and Chinese version): $138,000	$36,000	Project commencement date iOS (Chinese version): 28 March 2013 iOS (English version) and Android (English and Chinese version): 15 July 2014 Official launch date iOS (Chinese version): 16 December 2013 iOS (English version) and Android (English and Chinese version): 9 February 2015	15 585⊕
Department of Health (Primary Care Office)	Framework@PC (English version only)	$196,000	$69,896	Project commencement date iOS: 11 July 2012 Android: 28 November 2013	1 323⊕

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
				Official launch date iOS: 9 September 2013 Android: 28 July 2014	
Department of Health (Central Health Education Unit)	CookSmart (Removed from App Store in December 2015 as replaced by "CookSmart: EatSmart Recipes")	$257,500	$34,800	Project commencement date: 17 September 2014 Official launch date: 8 June 2015 Off-shelf date: December 2015	1 912 Off-shelf date: December 2015
Department of Health (Central Health Education Unit)	CookSmart: EatSmart Recipes			Project commencement date iOS: 17 September 2014 Android: 7 August 2015 Official launch date: 23 December 2015	22 408△
Department of Health (Central Health Education Unit)	EatSmart Restaurant	$76,000	$15,600	Project commencement date: 6 November 2014 Official launch date iOS: 24 June 2015 Android: 30 March 2015	12 119
Department of Health (Family Health Service)	Info for Nursing Mum	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Project commencement date: 4 December 2014 Official launch date iOS: 24 February 2016 Android: 19 February 2016	9△ (The app was just launched in mid-February 2016)
Development Bureau (In collaboration with Construction Industry Council)	Construction Safety App	$883,400 (Including maintenance for first two years)	Not applicable for first two years, then maintained internally and no additional costs would be involved.	Project commencement date: 25 February 2015 Official launch date: 27 May 2015	9 450⊕
Education Bureau (Speech and Hearing Services Section)	Hearing-Impaired Students' Lexicon Learning	Development cost: $170,000* (*Part of the development cost	Not applicable	Project commencement date: December 2012 Official roll out date: April 2014	1 814⊕

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
		of a resource package on Hearing-Impaired Students' Lexicon Learning and 12-month maintenance cost.)			
Education Bureau (Kindergarten Administration Section)	Profile of Kindergartens or Kindergarten-cum-child care centres 2015	The development cost of this mobile app was subsumed in the cost of the whole project on the KG Profile. As it is not a stand-alone project, breakdown is not available. (Total cost of the project on KG Profile: $562,000)	The system maintenance cost of this mobile app was subsumed in the project on KG Profile. As it is not a stand-alone project, breakdown is not available.	Project commencement date: January 2015 Official launch date: September 2015	Not available (The figure will be provided by the contractor through a report of the project at the end of the 2015/16 school year.)
Education Bureau (Native-speaking English Teacher (NET) Section)	Reading Town 1	$395,000	No additional cost is involved	Project commencement date: 1 April 2014 Official launch date: 16 May 2015	21 176⊕
Education Bureau (Native-speaking English Teacher (NET) Section)	Reading Town 2 & 3	$920,000	No additional cost is involved.	Project commencement date: 24 October 2014 Official launch date: 1 October 2015	Reading Town 2: 5 752⊕ Reading Town 3: 3 304⊕
Education Bureau (Personal, Social and Humanities Education Section)	E-book of Understanding the Law, Access to Justice – Basic Law Learning Package (Junior Secondary)	Separate development cost is not available as it is developed as a part of the e-book and e-portal.	Separate system maintenance cost per year is not available as it is developed as a part of the e-book and e-portal.	Project commencement date: 26 January 2015 Official launch date iOS: 29 June 2015 Android: 15 June 2015	1 985⊕
Education Bureau (Further Education Division)	Mobile App for Concourse and E-APP	$274,750	$27,475	Project commencement date: February 2014 Official launch date: January 2015 E-APP feature: December 2015	Around 5 000
Education	QEF ebook	2013/14:	$132,000	Project commencement	381⊕

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
Bureau (Quality Education Fund)		$173,000 2014/15: $185,000 2015/16: Nil	(Including mobile app and website)	date: March 2012 Official launch date iOS: February 2013 Android: April 2014	
Education Bureau (Language Fund)	Workplace English Tic-Tac-Toe	$606,000 (Including first year system maintenance cost and promotion expenditure)	First year system maintenance cost included in development cost	Project commencement date: October 2013 Official launch date: 20 January 2016	5 951△⊕
Education Bureau (Information Technology in Education Section)	TSS Channel	$580,000	Not applicable	Project commencement date: 15 November 2012 Official launch date: 19 November 2014	571⊕
Education Bureau (Information Technology in Education Section)	Eye Care for Hong Kong Students	$229,600	Not applicable	Project commencement date: 1 November 2013 Official launch date: 12 January 2015	142⊕
Efficiency Unit	SIE Fund	Around $300,000	Around $70,000	Project commencement date: April 2014 Official launch date: October 2014	4 288
Efficiency Unit	1823 Online mobile app	Around $700,000	$112,560	Project commencement date: January 2015 Official launch date: December 2015	1 014△
Environmental Protection Department	Don't fly-tip	Development and first year maintenance cost : $197,000	$36,000	Project commencement date: 18 September 2014 Official launch date iOS: 1 June 2015 Android: 29 May 2015	165⊕ (As at 7 February 2016)
Environmental Protection Department	PSB Charging	Around $200,000	First year maintenance cost: Around $15,000	Project commencement date: 20 May 2014 Official launch date iOS: 1 April 2015 Android:	783

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
				31 March 2015 Windows Phone: 8 June 2015	
Fire Services Department	Hong Kong Fire Services Mobile Application	$900,000	For all the 3 apps of the Department: $96,000	Project commencement date: 18 February 2013 Official launch date: 15 May 2014	16 921
Fire Services Department	Live safe, be watchful	$250,000		Project commencement date: 18 February 2013 Official launch date: 15 May 2014	17 791
Fire Services Department	Stay Calm & Collected	$250,000		Project commencement date: 18 February 2013 Official launch date: 15 May 2014	23 368
Food and Environmental Hygiene Department	Food Safety	$264,000	Maintained internally and no additional cost was involved	Project commencement date: August 2013 Official launch date: April 2014	7 411
Home Affairs Bureau	18 Handy Tips for Family Education	iOS: $31,000 (Including $10,000 for updating in March 2016) Android: $18,000	$2,600	Project commencement date iOS: May 2011 Android: January 2016 Official launch date iOS: November 2011 Android: March 2016	3 050⊕
Home Affairs Bureau	Family Education Package for Families with Newborn Babies	$40,000	First-year maintenance cost was included in the development cost	Project commencement date: March 2015 Official launch date: June 2015	572⊕
Home Affairs Department	Hong Kong Licensed Hotels and Guesthouses	178,000	24,000	Project commencement date: 12 September 2013 Official launch date: 10 February 2015	2 882⊕
Hong Kong Observatory	MyObservatory	Developed and maintained internally. No additional costs	Developed and maintained internally. No additional costs	Project commencement date: The second half of 2009	Around 5 546 000

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
		were involved.	were involved.	Official launch date iOS: Q1 2010 Android: Q4 2010 Windows Phone: Q1 2014	
Independent Commission Against Corruption	ICAC eBooks Tablet App	$212,000	Maintained internally	Project commencement date: mid-2014 Official launch date: January 2015	Around 400⊕
Information Services Department	"Hong Kong Yearbook 2013" iPad/ Android Tablet app	$99,000	No additional cost was involved	Project commencement date: 25 June 2014 Official launch date: 15 September 2014 Off-shelf date: 18 November 2015	976 Off-shelf date: 18 November 2015
Information Services Department	"Hong Kong Yearbook 2014" iPad/ Android Tablet app	$126,000	No additional cost was involved	Project commencement date: 13 July 2015 Official launch date: 18 November 2015	890
Information Services Department	Discover the Basic Law	Included in project sum to HKDI and cannot be calculated separately	No additional cost was involved	Project commencement date: Early 2015 Official launch date: 28 May 2015 Off-shelf date: 31 December 2015	1 176※ Off-shelf date: 31 December 2015
Information Services Department	news.gov.hk (2.x)	$269, 618	$30,408	Project commencement date: July 2014 Official launch date: November 2014	Around 33 000 (version 2.x only)
Information Services Department	This is Hong Kong	This is Hong Kong 2013: $94,000 This is Hong Kong 2014 $150,000	Already included in the development cost	This is Hong Kong 2013 Project commencement date: 25 July 2013 Official launch date: 1 December 2013 Off-shelf date: 20 November 2014 This is Hong Kong	This is Hong Kong 2013: 4 118 Off-shelf date: 20 November 2014 This is Hong Kong 2014:

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
				2014 Project commencement date: 17 July 2014 Official launch date: 21 November 2014 Off-shelf date: 24 August 2015	1 132 Off-shelf date: 24 August 2015
Invest Hong Kong	Startmeuphk	$150,000	Nil	Project commencement date: 2 October 2015 Official launch date: 30 December 2015	922△⊕※
Labour Department	Youth Employment Start	Development and first year maintenance cost: $149,000	Maintained internally and no additional cost was involved	Project commencement date: 2 September 2013 Official launch date: 26 June 2014	10 565⊕
Lands Department	MyMapHK	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Official launch date: 26 June 2014	122 766
Leisure and Cultural Services Department	Multimedia Information	The development cost was included in the implementation cost of the MMIS Major Upgrade Project. As it is not an individual project, no separate breakdown is available. Remark: An exercise to enhance the functionality and usability of the mobile app was carried out in 2014 and the one-off enhancement cost was $669,000.	The maintenance cost was included in the MMIS Major upgrade project. As it is not an individual project, no separate breakdown is available.	Project commencement date: October 2011 Official launch date iOS: September 2014 Android: August 2013	18 192
Leisure and Cultural Services Department	Exploring Tsarskoye Selo	$180,000 (Fully funded by The Hong Kong Jockey Club Charities Trust)	Nil	Project commencement date: August 2014 Official launch date: November 2014	3 644※ Off-shelf date: 16 March 2015

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
				Off-shelf date: 16 March 2015	
Leisure and Cultural Services Department	Portable Dunhuang Story Player	$185,000 (Fully funded by The Hong Kong Jockey Club Charities Trust)	Nil	Project commencement date: September 2014 Official launch date: November 2014 Off-shelf date: 17 March 2015	6 733※ Off-shelf date: 17 March 2015
Leisure and Cultural Services Department	A Glimpse of Old Hong Kong	Developed together with other interactive multimedia programmes. No separate breakdown of the development cost.	Nil	Project commencement date: October 2013 Official launch date: May 2014 Off-shelf date: 4 February 2016	822 Off-shelf date: 4 February 2016
Leisure and Cultural Services Department	King Yin Lei	Subsumed in the "Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available.	Subsumed in the maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.	Project commencement date: May 2011 Official launch date: April 2014 Off-shelf date: 24 February 2016	720 Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Matching@ King Yin Lei	Subsumed in the "Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available.	Subsumed in the maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.	Project commencement date: May 2011 Official launch date: April 2014 Off-shelf date: 24 February 2016	300 Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Photo ME@King Yin Lei	Subsumed in the "Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available.	Subsumed in the maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.	Project commencement date: May 2011 Official launch date: April 2014 Off-shelf date: 24 February 2016	706 Off-shelf date: 24 February 2016
Leisure and	Puzzle@ King	Subsumed in the	Subsumed in the	Project commencement	404

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
Cultural Services Department	Yin Lei	"Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available.	maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.	date: May 2011 Official launch date: April 2014 Off-shelf date: 24 February 2016	Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Restore King Yin Lei	Subsumed in the "Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available.	Subsumed in the maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.	Project commencement date: May 2011 Official launch date: April 2014 Off-shelf date: 24 February 2016	250 Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Appreciation of Qing Scientific Instruments	$550,000 (Fully funded by The Hong Kong Jockey Club Charities Trust)	Nil	Project commencement date: March 2015 Official launch date: June 2015 Off-shelf date: 29 February 2016	3 915※ Off-shelf date: 29 February 2016
Leisure and Cultural Services Department	Star Hoppers	$700,000	Nil (Information to be updated by the Museum)	Project commencement date: August 2012 Official launch date: September 2014	81 645
Leisure and Cultural Services Department	Hong Kong International Poster Triennial 2014	$135,000 (Including the maintenance cost for the first year)	$2,500	Project commencement date: June 2014 Official launch date: December 2014	1 618※
Leisure and Cultural Services Department	My Library	Development cost：$3,180,000 (Including software, hardware and related services e.g. Security Risk Assessment and Audit)	$313,000 Enhancement (2015): $140,000 (Remark: figures up to December 2015)	Project commencement date: April 2013 Official launch date iOS: July 2014 Android: September 2014	177 544
Leisure and Cultural Services Department	LCSD Green Hong Kong Campaign	$214,000 (Fully funded by The Hong Kong	$16,000 (System maintenance ended on 4 December	Project commencement date: December 2014	8 552

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
	(Previous version: Hong Kong Flower Show)	Jockey Club Charities Trust)	2015) (Fully funded by The Hong Kong Jockey Club Charities Trust)	Official launch date: November 2015 (Previous version: March 2015)	
Leisure and Cultural Services Department	My URBTIX	Development and system maintenance costs are absorbed by the contractor	Development and system maintenance costs are absorbed by the contractor	Project commencement date: March 2014 Official launch date iOS: August 2014 Android: July 2014	216 729
Office of the Government Chief Information Officer	HK GovWiFi	$295,000	$47,850	Project commencement date: January 2014 Official Launch date: May 2015	11 500
Office of the Government Chief Information Officer	iStartup@HK	$182,000	$42,000 (Security risk analysis fee)	Project commencement date: November 2014 Official launch date iOS: 5 October 2015 Android: 22 June 2015	542⊕
Office of the Government Chief Information Officer	Wi-Fi.HK	$340,000 (Microsoft had sponsored the contractor to develop the Windows version)	$80,000 (Microsoft had sponsored the contractor to maintain the Windows version for first year)	Project commencement date: February 2014 Official launch date iOS and Android: August 2014 Windows: September 2014	172 000
Radio Television Hong Kong	RTHK Vox	$380,000	Maintained internally and no additional expenditure was involved	Official launch date iOS: 20 June 2014 Android: 5 July 2014	5 610
Radio Television Hong Kong	RTHK Memory	$280,000	Maintained internally and no additional expenditure was involved	Official launch date iOS: 4 July 2014 Android: 28 July 2014	14 283
Radio Television Hong Kong	RTHK Mine	$409,000	Maintained internally and no additional expenditure was involved	Official launch date: 19 September 2014	152 134
Radio Television	RTHK News	$336,000	Maintained	Official launch date:	25 500

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
Hong Kong			internally and no additional expenditure was involved	24 August 2015	
Security Bureau	Safeguard HK	$610,000	Maintained internally and no additional expenditure was involved	Project commencement date: 17 July 2015 Official launch date: Late March 2016	Not applicable△
Social Welfare Department	3E Mobile App	$46,600	$9,546	Official launch date: 12 November 2014	Not available
Tuen Mun District Council (The Working Group on Building Management under the Commerce, Industry & Housing Committee) & Tuen Mun District Office	TuenMun BM	$137,999	Not applicable (The contract covers one year free maintenance service)	Project commencement date: 10 November 2014 Official launch date: 18 March 2015	317
Vegetable Marketing Organization	Hong Kong Leisure Farms	$260,000 (Including first year maintenance)	2016/17: $18,000	Project commencement date: July 2014 Official launch date:: December 2014	Around 5 700
Water Supplies Department	WSD Mobile App	$1,565,000	$260,000	Project commencement date: April 2013 Launch of advance version iOS: 9 January 2014 Android: 30 December 2013 Official launch date: 22 April 2014	12 101
Yau Tsim Mong District Council (The Working Group on Women's Affairs) & Yau Tsim Mong District Office	YTM Breastfeed	$150,000	Not applicable (The contract covers one year free maintenance service)	Project commencement date: November 2014 Official launch date: March 2015	1 366⊕
Yuen Long District Office	Pilot Scheme on Enhancement of District	$59,000	Not applicable (The contract covers one year free	Project commencement date: March 2015	1 056

Government Department	App Name	Development Cost	System Maintenance Cost	Official Launch Date	Total Number of Downloads (As at 29 February 2016)
	Administration Through District Management Committees in Yuen Long		maintenance service)	Official launch date: October 2015	

⊕: Mobile app which targets specific user groups.

※: Mobile app on a one-off public event.

△: Mobile app which has been launched for less than 3 months.

Information on the mobile apps to be launched by government bureaux and departments in 2016-17

Government Department	App Name	Development Cost	System Maintenance Cost	Expected Launch Date
Buildings Department	MBIS/MWIS Mobile App	$299,000	$30,000	Mid-2016
Census and Statistics Department	Mobile e-Questionnaire Application	Included in the development cost of the e-Data Collection sub-systems for the 2016 Population by Census. No separate breakdown is available.	Not applicable	30 June 2016
Civil Aviation Department (CAD)	CAD Conference Information Centre	To be developed internally and no additional expenditure will be involved.	To be maintained internally and no additional expenditure will be involved.	Project commencement date: Q2 2015 Estimated trials and launch dates: Q4 2015 to Q2 2016
Civil Engineering and Development Department	Bowen Road Slope Study Trail	$150,000	To be maintained internally and no additional expenditure will be involved.	July 2016
Department of Health (Infection Control Branch)	HKeIC	$150,000	$30,000 Cost for Security Risk Assessment and Audit: $32,952.75	April 2016
Department of Health (Special Preventive Programme)	1069試戴樂 (English version)	Subject to the result of the tender exercise.	Subject to the result of the tender exercise.	March 2017
Development Bureau's Energizing Kowloon East Office in collaboration with Lands Department	Smart Kowloon East (tentative)	To be developed internally and no additional expenditure will be involved.	To be maintained internally and no additional expenditure will be involved.	Q3 2016
Education Bureau	Profile of Kindergartens or Kindergarten-cum-child Care Centres (KG Profile) 2016	The development cost of this mobile app was subsumed in the cost of the whole project on the KG Profile. As it is not a stand-alone project, breakdown is not available.	The system maintenance cost of this mobile app was subsumed in the project on the KG Profile. As it is not a stand-alone project, breakdown is not available.	September 2016
Environmental Protection Department	Explore the Sludge Treatment Facility (STF)	$710,000	$50,000	Q2 2016
Fire Services Department	Catch time, save life (Game app)	$105,000	$15,000	May 2016
Fish Marketing Organization	Local Fresh	$120,000	$20,000	April 2016
Food and Environmental Hygiene Department	Internet Memorial Service Mobile App	iOS: $150,000 Android: $150,000	To be maintained internally and no additional expenditure will be involved.	Around middle of 2016
Hongkong Post	Mobile app for ShopThruPost	$400,000	To be maintained internally and no additional cost will be involved.	Q4 2016
Independent Commission Against Corruption (ICAC)	ICAC Smartphone App 2.0 (upgrade of the existing ICAC Smartphone App)	$568,420	To be maintained internally and no additional cost will be involved.	Q3 2016
Lands Department	VoiceMapHK	To be developed internally	To be maintained internally	Q1 2016

Government Department	App Name	Development Cost	System Maintenance Cost	Expected Launch Date
		and no additional cost will be involved.	and no additional cost will be involved.	
Leisure and Cultural Services Department	Museum Multi-media Information Guide system (MMGS)	Development cost is included in the project of the MMGS; as it is not an individual project, no separate breakdown is available.	Subsumed in the maintenance cost of MMGS; no separate breakdown is available.	Official launch date: October 2016
Leisure and Cultural Services Department	"Bamboo in Our Life: Museum of Art at My Home" (tentative title)	$150,000	$15,000	August 2016
Tourism Commission	Provision of Mobile Applications of "A Symphony of Lights" (SoL)	Subject to the result of the tender exercise	Subject to the result of the tender exercise	Q1 2017
Transport Department	Special Traffic and Transport News (Name to be determined)	$500,000 (including maintenance for the first two years)	$100,000	Q2 2016
Working Family and Student Financial Assistance Agency	Application Tracking and Appointment Booking of Student Finance Office	Around $500,000	Around $101,000	Q1 2018

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5427)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Currently, Hong Kong lags far behind in the release of data in public domains. Different bus and tram operators and the MTRC lack co-ordination among their real-time arrival data. Members of the public have to download different mobile applications (apps) to learn about the traffic conditions of public transport. A multinational corporation planned to launch mobile apps of real-time public transport information in Hong Kong earlier. However, their development plan was postponed again and again because they found that none of the public transport operators had released their data for application. In this connection, the Government should not focus on releasing data of government departments only. In fact, many private data of public services can bring convenience to the public. But they are neither released now nor having a common data format, frustrating many app developers. In this regard, does the Government have any plan to encourage the private sector to release their public data?

Asked by: Hon CHAN Chi-chuen (Member Question No. 186)

Reply:

Releasing Public Sector information (PSI) in digital formats facilitates the general public, particularly start-ups, to develop more innovative and practical applications and services. The Office of the Government Chief Information Officers (OGCIO) launched the PSI portal "data.gov.hk" portal in 2011 and has been releasing free online government information in digital formats for value-added re-use. The portal currently has over 6 000 datasets in different areas.

In addition to government departments, public and private organisations also collect and process a vast quantity of data in their day-to-day operation. Such data is also useful for the development of innovative products and services. OGCIO has been closely liaising with the public and private organisations and encouraging them to release PSI on data.gov.hk portal. OGCIO also provides guidelines to them on the recommended PSI formats (including CSV, JSON, RSS, XLS and XML), data management life cycle and other detailed technical arrangements. At present, the portal has datasets about train stations and services from the MTR Corporation Limited, locations of electric vehicle charging stations from the CLP Power Hong Kong Limited, information on accessible facilities from the Hong Kong Society of Rehabilitation, property information from the Centaline Property Agency Limited, etc. We will continue to closely liaise with public and private organisations and encourage them to release more useful PSI.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5429)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Application of innovative technologies in the community is essential for Hong Kong which is facing an ageing population.   It is learnt that the Hospital Authority has currently put in place a video consultation system to provide medical consultation service and nursing advice to institutionalised seniors at elderly homes through video conferencing systems. However, using the technologies only at elderly homes is not enough.   Governments of some foreign countries have provided video consultation service at the community centres of each neighbourhood.   Therefore, seniors with chronic illnesses do not have to seek regular follow-up consultation in hospitals.   Instead, they can simply consult their doctors via video conferencing systems at the community centres of their neighbourhood.   How would the Government's digital inclusion policies address the issues of elderly health and ageing population while bringing convenience to the public and alleviating the burden on public healthcare manpower?

Asked by: Hon CHAN Chi-chuen (Member Question No. 188)

Reply:

To further our work on digital inclusion front, we will study and promote innovation and technology to help address social issues such as serving the elderly and the underprivileged groups, including persons with disabilities, through the use of technologies with a view to meeting the needs of an ageing population and promoting healthy ageing.   In taking forward smart city development, we will also study the applications and solutions of smart living for the elderly.

Moreover, the Government has set aside $500 million to set up an Innovation and Technology Fund for Better Living.   Led by the Innovation and Technology Bureau, it will provide funding support to projects that make use of innovative ideas and technologies to improve people's living, including the projects that may help address the issue of ageing

population. We are examining the specific operational details of the Fund and plan to consult the relevant panels of the Legislative Council (LegCo) in the second quarter of 2016 before seeking funding approval from the Finance Committee of LegCo.

- End -

Reply Serial No.

ITB166

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5432)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

According to Programme (3), the Office of the Government Chief Information Officer will work with bureaux and departments (B/Ds) to make government information released online for free public consumption machine-readable in digital formats. How many B/Ds have successfully released their information online for public consumption in the past year? What are the usage rate and numbers of downloads?

Asked by: Hon CHAN Chi-chuen (Member Question No. 191)

Reply:

The Government has launched the public sector information (PSI) portal "data.gov.hk" to provide PSI in digital formats for free re-use. The portal now has more than 6 000 datasets in 18 broad categories, covering various policy areas like environment, finance, weather and transport.

In 2015-16 (as at end-February), 44 government departments have made available datasets on "data.gov.hk". The datasets are managed and stored by the respective departments. We do not have information about the usage rate and number of downloads.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5434)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Many public services, utilities and organisations are closely related to the public.   They
have to leverage on technologies to improve service efficiency.   However, senior
customers and staff without computer literacy may not be able to apply digital technologies
effectively.   Has the Government provided any incentives to attract them to learn and apply
new technologies so that they will not be displaced by time?

Asked by: Hon CHAN Chi-chuen (Member Question No. 193)

Reply:

Having regard to the situation on the use of digital technologies and electronic services by
the elderly, the Government has introduced various measures to help them acquire digital
skills and integrate into the increasingly digitised society.   These measures include:

• Providing funding support for the development of a dedicated portal for the elderly to
  provide them with electronic information of interest;

• Launching award schemes to recognise those elders who actively use digital
  technologies, with a view to encouraging more to follow ;

• Organising a series of computer literacy and training courses to teach elders to use
  digital technologies and electronic services;

• Promoting adoption of web accessibility design for websites and mobile apps by local
  public and private organisations, so as to bring convenience to the elderly and persons
  with disabilities when accessing online information and services;

- Providing funding support to develop mobile apps that meet the needs of the elderly in their daily life, so as to help them to improve their quality of life and enable them to stay connected with the community and their family, thereby enhancing their motivation to learn and use IT; and

- Launching the "ICT Outreach Programmes for Elderly" to visit those elders who have limited access to computers, and coach and encourage them to use ICT.

We will continue to implement and enhance the above measures to encourage the elderly to use digital technologies and electronic services.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5519)

Head:	(47) Government Secretariat : Office of the Government Chief Information Officer
Subhead (No. & title):	(000) Operational Expenses
Programme:	
Controlling Officer:	Government Chief Information Officer (Allen YEUNG)
Director of Bureau:	Secretary for Innovation and Technology

Question:

What are the estimated emoluments and allowances of the Government Chief Information Officer and Deputy Government Chief Information Officers in 2016-17?

Asked by: Hon CHAN Chi-chuen (Member Question No. 287)

Reply:

According to the 2016-17 Estimates of Expenditure, the estimated emoluments and allowances of the Government Chief Information Officer and the two Deputy Government Chief Information Officers under Head 47 are $2.8 million and $4.6 million respectively.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1828)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 111 of the Budget Speech that "In October last year, I launched the Enriched IT Programme in Secondary Schools, which offers intensive training to students with potential. We have set up a steering committee to coordinate and promote the programme. Members of the steering committee include IBM, Google, Microsoft and Huawei. In the next two years, we shall continue to collaborate with the industry to organise activities and internship programmes, with a view to nurturing IT professionals for the development of Hong Kong." In this connection, please advise on the following:

(1) What are the expenditure and manpower involved for the Enriched IT Programme in Secondary Schools? And what are the details and implementation progress of the programme?

(2) What are the expenditure and manpower involved for the activities and internship programmes organised by the Government and the industry? And what are the details of these activities and internship programmes?

Asked by: Hon CHAN Han-pan (Member Question No.11)

Reply:

We established the Steering Committee on Enriched IT Programme in Secondary Schools in August 2014, comprising members from tertiary institutions, teachers' associations, Curriculum Development Council, Hong Kong Academy for Gifted Education, Education Bureau and the industry, to develop guiding principles and curriculum framework for the Programme.

The Enriched IT Programme in Secondary Schools was officially launched in October 2015. The whole Programme will last for 8 years from the 2015/16 to 2022/23 school year. The estimated expenditure is $75 million. The Programme is implemented by existing staff of the Office of the Government Chief Information Officer. The details and progress related to the Programme are as follows:

Enriched IT Classes: In June 2015, we selected 8 secondary schools with good track record in IT education as partner schools for providing intensive IT training to students (from Secondary Two to Secondary Six) who are interested and talented in IT. The first cohort of Enriched IT Class students has been enrolled in the 2015/16 school year.

Enriched IT Activities: We will invite all government-funded secondary schools each year to organise IT activities for enriching IT learning outside the school curriculum, so as to provide more opportunities for students to apply IT knowledge and to cultivate creativity through IT or related activities. We completed the evaluation of the proposals for Enriched IT Activities for this year in March 2016 and selected 85 secondary schools to organise their respective activities in 2016.

We plan to arrange internship for Secondary Six students of Enriched IT Class starting from the 2017/18 school year. We will consult the Steering Committee, in particular members from the industry. We will work closely with the industry to encourage more technology companies to offer internship and other support to assist in implementing the Programme.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No 1509)

<u>Head:</u>   (47) Government Secretariat : Office of the Government Chief Information Officer

<u>Subhead (No. & title):</u>

<u>Programme:</u>   (3) IT in the Community

<u>Controlling Officer:</u>   Government Chief Information Officer (Allen YEUNG)

<u>Director of Bureau:</u>   Secretary for Innovation and Technology

<u>Question:</u>

The Government mentions in the Budget Speech that according to the Global Information Technology Report 2015 published by the World Economic Forum, Hong Kong's mobile network coverage ranks first in the world. Hong Kong is also among the world leaders in terms of the speed of broadband services and the number of Wi-Fi hotspots. The Government has earmarked $500 million to further increase the number of Wi-Fi.HK hotspots to over 30 000, bringing greater convenience to our citizens and tourists.   In this connection, will the Government inform this Committee of the following:

a)   The number of additional "Wi-Fi.HK" hotspots to be provided in the 18 districts across the territory;

b)   Is there currently any review on the speed and connection signal strength of public Wi-Fi services?   Has the Government earmarked provision to enhance the quality of public Wi-Fi services?

c)   Is there any survey and research conducted with visitors and citizens to learn about their views and comments on public Wi-Fi services?

<u>Asked by:</u> Hon CHAN Kin-por (Member Question No.15)

<u>Reply:</u>

The required information is provided as follows:

a)   We have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling its number of hotspots from 17 000 to 34 000 within 3 years.   Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks,

sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points. We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

In the second quarter of 2016, we will consult the relevant Panel of the Legislative Council (LegCo) on the details of the proposal, including the timetable, manpower and expenditure required, and seek funding approval from the Finance Committee of LegCo afterwards.   We do not have a breakdown by districts at this stage.

b)   We are progressively enhancing the overall speed of the Government Wi-Fi (GovWiFi) services at all government venues starting from early 2016.   The additional expenditure involved is about $70,000 per month.   For example, we have doubled the user connection speed from 1-2 Mbps to 3-4 Mbps for government venues with high patronage, including all public libraries, to provide faster Internet service to the public.   We will continue to monitor the quality of the Wi-Fi services to ensure cost-effectiveness.   Regarding the public Wi-Fi services provided by other service providers, the speed and connection signal strength vary according to their individual requirements and commercial considerations.   The Government has not reviewed or funded these services.

c)   To learn about the views and comments of the public and visitors on the public Wi-Fi services provided at government venues, we collect their views and comments through online survey on the GovWiFi portal.   According to the results collected from the online survey in 2015, an average of over 60% of citizens were satisfied with the overall performance of the services.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1512)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget Speech that the Government has set up a steering committee to coordinate and promote the programme.   Members of the steering committee include IBM, Google, Microsoft and Huawei.   In the next two years, the Government shall continue to collaborate with the industry to organise activities and internship programmes, with a view to nurturing IT professionals for the development of Hong Kong.   In this connection, apart from coordinating and promoting the programme, will the Government elaborate on the functions of the steering committee, e.g. what measures will be taken to nurture local IT professionals?   What is the estimated expenditure in this regard?   Besides, will the Government set out the numbers of internship jobs provided by the related IT companies and the number of interns successfully accepted in the past year?   Will the Government encourage more renowned IT companies to join the steering committee in order to provide more internship jobs?

Asked by: Hon CHAN Kin-por (Member Question No. 19)

Reply:

We established the Steering Committee on Enriched IT Programme in Secondary Schools in August 2014, comprising members from tertiary institutions, teachers' associations, Curriculum Development Council, Hong Kong Academy for Gifted Education, Education Bureau and the industry, to develop guiding principles and curriculum framework for the Programme.   The terms of reference of the Steering Committee are:

(1)   to provide steer, oversee, coordinate and monitor the implementation of Enriched IT Programme in Secondary Schools;
(2)   to formulate curriculum enrichment framework and project-based learning activities for Enriched IT Class Programme;

(3)   to evaluate, select and monitor the implementation of Enriched IT Activities Programme;

(4)   to consider and resolve concerns encountered during programme implementation;

(5)   to review the effectiveness of Enriched IT Programme in Secondary Schools; and

(6)   to advise on any matter related to the Enriched IT Programme in Secondary Schools.

The Enriched IT Programme in Secondary Schools was officially launched in October 2015. The whole Programme will last for 8 years from the 2015/16 to 2022/23 school year. The total estimated expenditure is $75 million.

We plan to arrange internship for Secondary Six students of Enriched IT Class starting from 2017/18 school year. We will consult the Steering Committee, in particular members from the industry. We will work closely with the industry to encourage more technology companies to offer internship and other support to assist in implementing the Programme.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2868)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

In paragraph 85 of the Policy Address, the Government puts forward the concept of smart city. Please advise on whether the needs of persons with disabilities are considered so as to bring convenience to their lives.

Asked by: Dr Hon Fernando CHEUNG Chiu-hung (Member Question No. 117)

Reply:

The Office of the Government Chief Information Officer plans to engage a consultant in 2016-17 to formulate a digital framework and technical standards suitable for Hong Kong as the foundation for smart city development. In formulating smart city proposals, we will look into smart applications and facilities that can address the needs of different target groups, including persons with disabilities, with an aim to bring comfort, convenience and safety to the general public.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6012)

Head: (47) Government Secretariat : Office of the Government Chief
                           Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding internship programmes in information technology for students as mentioned in paragraph 111 of the Budget Speech, will the Government consider setting a certain ratio of internship places for capable students with disabilities or special educational needs?

Asked by: Dr Hon Fernando CHEUNG Chiu-hung (Member Question No. 115)

Reply:

The Government has launched the 8-year Enriched IT Programme in Secondary Schools in the 2015/16 school year in 8 partner schools which operate Enriched IT Classes to provide intensive IT training to students who are interested and talented in IT.   Currently, there are 350 students of Enriched IT Classes (298 from Secondary Two and 52 from Secondary Four).   We plan to arrange internship for Secondary Six students of Enriched IT Class starting from the 2017/18 school year.   The physical conditions of students or whether students having special educational needs should not be a factor for consideration for participating in Enriched IT Class or internship.   We have not set a ratio for students with disability or special educational needs.   Nevertheless, the partner schools will make appropriate arrangements to enable such students to study in Enriched IT Classes.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 7115)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide information on the numbers and manpower of district cyber centres, numbers of activities held by district cyber centres and the expenditure involved in the past 5 years. Has the Government reviewed how the above measure can achieve the objective of supporting the disadvantaged youth?

Asked by: Dr Hon Fernando CHEUNG Chiu-hung (Member Question No. 677)

Reply:

The District Cyber Centres Scheme (the Scheme) aims at establishing support network among district cyber centres operated by community services organisations across the territory to facilitate the provision of computer facilities, Internet access services, training and technical support to help needy groups in the neighbourhood adopt information and communications technology (ICT), with a view to facilitating their integration into the society.

The Scheme was implemented by the District Cyber Centres Alliance (DCCA), which comprised the Hong Kong Cyberport Management Company Limited, the Hong Kong Council of Social Service (HKCSS) and the Internet Professional Association.   Between its inception in 2008-09 and 2011-12, the Scheme helped the affiliated centres purchase over 1 000 computers for use by the public at various centres.   Around 6 000 computer training courses were organised, with over 250 000 participants and 600 000 man-hours in using the computer facilities in the centres or attending the computer training courses and ICT-related activities. Apart from the Government's funding support totalling $26.56 million for the implementation of the Scheme, DCCA obtained sponsorship of over $28 million, in cash or in kind, to make the Scheme more effective.   The number of participating centres increased from 33 upon Scheme launch to 57 in various parts of the territory.

With the satisfactory achievement of the Scheme's objectives, the Government has engaged the Information Technology Resource Centre (ITRC) of the Hong Kong Council of Social Service to maintain the operation of the Scheme on a self-financing basis from 2012-13 onwards, with a one-off grant of $1 million to ITRC for the transition.   With its community and business network, ITRC will continue to support the district cyber centres to facilitate their provision of ICT support to needy groups in the community.

- End -

Reply Serial No.

ITB175

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1399)

Head: (47) Government Secretariat : Office of the Government Chief
                             Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Office of the Government Chief Information Officer issued Request for Proposals in 2015 to invite all government, aided and caput secondary schools, and local secondary schools under the Direct Subsidy Scheme to apply for participation in the Enriched IT Activities Programme to design and organise IT activities for secondary students from March 2016 to December 2016 with an aim to foster a pro-IT atmosphere and stimulate interest in IT in the school community.   In this connection, will the Government inform this Committee of the following:

1.   What is the total expenditure incurred by the above programme in the past year?

2.   What is the number of secondary schools submitting applications under the Enriched IT Activities Programme?   What is the number of approval?

3.   What is the number of organisations participating in the Enriched IT Activities Programme?

4.   What is the number of activities organised under the Enriched IT Activities Programme?   What is the number of participants?

5.   What is the number of places for work practicum under the Enriched IT Activities Programme?   What is the number of participants?

6.   What are the numbers of schools and students participating in the Enriched IT Activities Programme?   What is the number of class hours?

7.   How will the Government evaluate the effectiveness of the above programme?

Asked by: Dr Hon CHIANG Lai-wan (Member Question No. 31)

Reply:

The Enriched IT Programme in Secondary Schools was officially launched in October 2015. The whole Programme will last for 8 years. The estimated total expenditure is $75 million for supporting the operation of Enriched IT Classes in 8 partner schools and inviting all government-funded secondary schools each year to organise Enriched IT Activities. The estimated expenditure for the Programme in 2015-16 was around $11.25 million.

In the 2015/16 school year, there are around 350 students of Enriched IT Class (298 from Secondary Two and 52 from Secondary Four). These students are required to take at least 96 extra class hours every school year for a more structured and advanced IT curriculum.

We plan to arrange internship for Secondary Six students of Enriched IT Class starting from the 2017/18 school year. We will consult the Steering Committee on Enriched IT Programme in Secondary Schools, in particular members from the industry. We will work closely with the industry to encourage more technology companies to offer internship and other support to assist in implementing the Programme.

Regarding the Enriched IT Activities, we received applications for organising proposed IT activities from 95 secondary schools in the 2015/16 school year. After assessing the proposals, we decided to provide funding support to 85 secondary schools. The estimated number of participants is around 9 500, and the amount of government funding is around $4.2 million. Furthermore, over 24 organisations from the academia and the industry will participate in the activities organised by these secondary schools.

Key indicators to assess the effectiveness of the Enriched IT Programme in Secondary Schools include –

(a)   the number of students who have studied in IT Classes;
(b)   the number of IT Activities organised;
(c)   the number of participating students in IT Activities; and
(d)   the curriculum and teaching plans of IT Classes as well as deliverables of IT Activities that can be shared among the secondary schools.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1255)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government will oversee the development of the digital framework and technical standards for smart city development in the coming year.   In this connection, please advise on the details, expenditure, manpower and implementation timetable of the above work.

Asked by: Hon Christopher CHUNG Shu-kun (Member Question No. 23)

Reply:

The Office of the Government Chief Information Officer (OGCIO) will engage a consultant in 2016-17 to formulate a digital framework and technical standards suitable for Hong Kong as the foundation for smart city development.   The expenditure on the consultancy study will be dependent upon the tender results.

The manpower required in OGCIO includes 1 Senior Systems Manager, 1 Systems Manager and 1 Analyst/Programmer I.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0106)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Office of the Government Chief Information Officer mentions that the first Internet Economy Summit will be organised in 2016-17.   Please inform this Committee of the following:

1)   What are the specific arrangements of the Summit?   Will the Summit be held annually in future?

2)   The breakdown on the expenditure of the Summit.

3)   What benefits and facilitation to industry development are expected to be brought about by the Summit?

Asked by: Hon IP Kwok-him (Member Question No. 37)

Reply:

The information is provided as follows:

1)   Apart from bringing convenience to the general public, the Internet has become a new driver for economic development.   The Office of the Government Chief Information Officer will hold the inaugural Internet Economy Summit on 13 April 2016.   Details are available on the relevant website (www.i-EconSummit.hk).

2)   The estimated total expenditure of the Summit is $2.4 million, broken down as follows:

Venue, Setup and Equipment	$1.44 million
Event Website and Promotion	$0.64 million
Catering	$0.32 million

Total	$2.4 million

3) The Summit aims to explore the future development trends and strategies for Internet economy. The Summit features various topics including impact of global technology trends to business strategies, opportunities arising from big data and Internet of Things (IoT), Internet+, impact of the growth in Internet economy to the Mainland, etc. The Summit will help the industry get a deeper understanding of the development trends for Internet economy through exchange among industry experts and business leaders across the world.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0185)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the rollout of the revamped version of GovHK, please inform this Council of the following:

1)   The progress schedule of the related work and the content of the revamp.
2)   What are the expenditure and specific breakdown involved in the project?
3)   The current usage rate of GovHK.

Asked by: Hon IP Kwok-him (Member Question No. 31)

Reply:

The requested information is as follows:

1)   To enhance users' experience and meet the ever-increasing public demand for mobile services, the Office of the Government Chief Information Officer is now revamping the GovHK portal. Besides improving the layout design, GovHK will adopt the responsive web technology to facilitate smooth public access to government information and use of e-government services on various electronic devices (such as smartphones and tablets).

2)   The revamped portal is expected to be rolled out in the second half of 2016. The expenditure (including user acceptance test) is about $2.8 million.

3)   The number of page views of GovHK for 2015-16 (as at end-February 2016) is about 71.7 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0186)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

OGCIO will carry out the pre-construction design work for the government data centre complex in 2016-17. Please inform this Committee of the following:

1)   What are the existing progress and specific arrangements of the design and construction of the complex?   Has the project taken into account the impact arising from the changes in construction costs due to "filibustering" in the LegCo?

2)   What is the specific breakdown of the estimated project costs of the complex?

Asked by: Hon IP Kwok-him (Member Question No. 33)

Reply:

In 2015, the Finance Committee of the Legislative Council approved the funding to carry out pre-construction consultancy services for the construction works of the government data centre complex.   The consultancy work is progressing as scheduled and expected to be completed in late 2017.   As the project is still under preliminary design stage, the estimated project costs and their specific breakdown are not available for the time being.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2784)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Enterprise Support Scheme under the Innovation and Technology Fund (ITF) will provide financial support to Fintech start-ups and financial institutions.   The Cyberport will set aside a dedicated space of 3 000 square metres in its co-working space Smart-Space, and roll out a designated programme to provide support to 150 Fintech start-ups over the next 5 years.   In addition, it will arrange for 300 university students to join Fintech training camps in overseas universities to gain more in-depth understanding of the career prospects in the sector.   Will the Bureau inform this Committee of the following:

(1)   How will the project make use of the dedicated space of 3 000 square metres to support Fintech start-ups?

(2)   What are the plan and staff costs involved for setting aside the dedicated space of 3 000 square metres?

(3)   What are the criteria for selecting the 300 university students who will be arranged to join Fintech training camps in overseas universities?

(4)   Do the students have to pay for joining the programme?   If yes, what are the details? If students are subsidised to join the overseas training camps under the ITF, what is the amount of subsidy for each student?   What are the details on the costs to be covered?

Asked by: Hon Mrs Regina IP LAU Suk-yee (Member Question No. 4)

<u>Reply</u>:

The required information is provided as follows:

(1)   Cyberport will set aside a dedicated Fintech area under its Smart-Space co-working space.   The dedicated area will pool together different talents and encourage exchange between existing financial institutions and start-ups, including mentorship and collaboration opportunities for start-ups.

(2)   Since Cyberport will build and manage the above Smart-Space with its own resources, no government expenditure will be incurred.

(3) and (4)   Fintech boot camp applicants must be students or graduates from local universities (including the Chinese University of Hong Kong, City University of Hong Kong, Hong Kong Baptist University, Hong Kong Polytechnic University, University of Hong Kong and Hong Kong University of Science and Technology), and submit to their respective universities Fintech-related proposals for turning innovative ideas into prototypes.   Cyberport and the relevant universities will jointly select and arrange for university students to join Fintech training camps in overseas universities.   The full costs of the training camp are met by Cyberport, including air tickets, meals, accommodation and other expenses.   Students do not have to pay for joining the camp.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 6281)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the Government's support for the formulation of digital framework and technical standards for smart city development, what are the anticipated progress and outcome, as well as the estimated expenditure and manpower involved in 2016-17?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 201)

Reply:

The Office of the Government Chief Information Officer (OGCIO) will engage a consultant in 2016-17 to formulate a digital framework and technical standards suitable for Hong Kong as the foundation for smart city development. The expenditure on the consultancy study will be dependent upon the tender results.

The manpower required in OGCIO includes 1 Senior Systems Manager, 1 Systems Manager and 1 Analyst/Programmer I.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 6282)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the Government's promotion for the development of Hong Kong as a connected Wi-Fi city and facilitation for the application of data in a more open manner, what are the anticipated progress and outcome, as well as the estimated expenditure and manpower involved in 2016-17?

Asked by: Dr Hon KWOK Ka-ki (Member Question No. 202)

Reply:

To drive the development of Hong Kong into a Wi-Fi connected city, we have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK service by doubling its number of hotspots from 17 000 to 34 000 within 3 years.   In the second quarter of 2016, we will consult the relevant Panel of the Legislative Council (LegCo) on the details of the proposal, including the timetable, manpower and expenditure required, and seek funding approval from the Finance Committee of LegCo afterwards.

The Government has been releasing free online government information in digital formats from 2015 onwards, with a view to tapping the creativity and ingenuity of the community to develop innovative applications using Public Sector Information (PSI).   This helps bring convenience to the public and open up new business opportunities.   The "data.gov.hk" portal has more than 6 000 datasets in 18 broad categories provided by various government departments as well as public and private organisations.   Under the prevailing policy, government departments will progressively release PSI in digital formats for free re-use by the public.   In addition to the datasets provided by government departments, the "data.gov.hk" portal also makes available datasets collected and processed by public and private organisations, such as datasets about train stations and services from the MTR Corporation Limited, locations of electric vehicle charging stations from the CLP Power Hong Kong Limited, accessible facilities from the Hong Kong Society of Rehabilitation,

and property information from the Centaline Property Agency Limited.   We will continue to encourage government departments as well as public and private organisations to open up more PSI on the portal.   The workload involved will be absorbed by existing resources of the Office of the Government Chief Information Officer.   Breakdown of expenditure is not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4251)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

In 2015-16, the Office of the Government Chief Information Officer extended Government Wi-Fi services to more government venues including more leisure locations and government clinics, covering a total of around 600 government venues with over 3 000 hotspots.   What are the expenditure and manpower for the relevant work, as well as the numbers of citizens who used the Wi-Fi services provided by the Government in each of the past 3 years?   Are the government Wi-Fi services tested each year for the average connection speed?   If yes, what are the details?   Will expenditure and manpower be earmarked to increase the connection speed?   If yes, what are the details?

Asked by: Dr Hon LAM Tai-fai (Member Question No. 61)

Reply:

Over 3 100 Wi-Fi hotspots have been installed at about 600 government venues for free use by the public and visitors under the Government Wi-Fi (Gov*WiFi*) Programme. The expenditures for Gov*WiFi* in the past 3 years are as follows:

Year	Expenditure ($million)
2013-14	12.3
2014-15	14.0
2015-16 (As at Feb 2016)	9.3
Total	**35.6**

The expenditure includes the Gov*WiFi* services provided by the contractor, including the provision of hotspots and network setup, site preparation work, installation, daily operation and maintenance, security management, content filtering service, monthly Internet access

service at the venues, 24-hour network monitoring and helpdesk hotline service, etc. as well as programme coordination, management and support provided by the Government. The recurrent manpower for the daily operation of the Gov*WiFi* Programme, including programme coordination and management, is about 18 man-months each year.

The numbers of users of the Gov*WiFi* services in the past 3 years are as follows:

Year	Number of Users (million)
2013	8.8
2014	11.4
2015	13.5

We have set up the Gov*WiFi* Maintenance Board with members from major participating departments to manage the development and maintenance of the Gov*WiFi* services as well as monitor the service quality and contractor performance. Under the supervision of the Maintenance Board, we perform monthly sample checks at Gov*WiFi* venues to monitor the service performance, including the transmission speed and connection stability.

For connection speed improvement, we are progressively doubling the overall speed of the Wi-Fi services at government venues. For example, we have doubled the user connection speed from 1-2 Mbps to 3-4 Mbps for government venues with high patronage, including all public libraries, to provide faster Internet service for the public. We will continue to monitor the quality of the Wi-Fi services to ensure cost-effectiveness. The additional expenditure involved for increasing the connection speed of the Gov*WiFi* services is about $70,000 per month.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0789)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide details on the Government's efforts to encourage the development of
ICT-related assistive technology for application by persons with disabilities in each of the
past 3 years, including expenditure, progress, effectiveness and ways to encourage
development, etc.   What are the budget and work direction for 2016-17?

Asked by: Hon Emily LAU Wai-hing (Member Question No. 7)

Reply:

Since 2012, the Office of the Government Chief Information Officer has launched the
Funding Scheme for Digital Inclusion Mobile Apps to provide funding support for
non-government organisations (NGOs) to develop mobile apps to meet the needs of various
target groups, including persons with disabilities (PWDs).

In the past 3 years, those NGOs funded under the Scheme developed 9 mobile apps for the
PWDs.   These mobile apps have been launched progressively for free use since the end of
2013, involving a total funding support of about $2.8 million.   As at end-February 2016,
these mobile apps recorded over 40 000 downloads in total.   One of these apps, "Searching
& Exploring with Speech Augmented Map Information", provides speech augmented map
and information on indoor facilities and won the Hong Kong ICT Awards in 2014.

In 2016-17, we will continue to publicise and promote digital inclusion mobile apps to
various target groups, including PWDs.   We have completed the assessment of another
round of applications under the Funding Scheme.   The total amount of funding for this
round is about $2 million which is similar to that of the past year.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0790)

Head: (47) Government Secretariat : Office of the Government Chief
                               Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide details on the Government's efforts to encourage the development of ICT-related assistive technology for application by ethnic minorities in each of the past 3 years, including expenditure, progress, effectiveness and ways to encourage development, etc.   What are the budget and work direction for 2016-17?

Asked by: Hon Emily LAU Wai-hing (Member Question No. 8)

Reply:

Since 2012, the Office of the Government Chief Information Officer has launched the Funding Scheme for Digital Inclusion Mobile Apps to provide funding support for non-government organisations (NGOs) to develop mobile apps to meet the needs of various target groups, including ethnic minorities.

In the past 3 years, the Scheme provided funding support for one NGO to develop a mobile app "Hong Kong Easy" to provide ethnic minorities with Chinese vocabularies and Cantonese pronunciation services.   The mobile app was launched for free use at the end of 2013.   As at end-February 2016, the app recorded about 2 600 downloads in total. According to feedback of some users, the "Hong Kong Easy" app could help them learn Cantonese for integrating into the local life.   The Government's funding support to the app was $338,000.

In 2016-17, we will continue to publicise and promote digital inclusion mobile apps to various target groups, including ethnic minorities.   We have completed the assessment of another round of applications under the Funding Scheme.   The total amount of funding for this round is about $2 million which is similar to that of the past year.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0795)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide details on the Government's efforts to encourage the development of ICT-related assistive technology for application by the elderly in each of the past 3 years, including expenditure, progress, effectiveness and ways to encourage development, etc. Does the Government assess whether the budget in this regard is sufficient?   What are the budget and work direction for 2016-17?   Does the Government provide the elderly with financial support for using these research deliverables?

Asked by: Hon Emily LAU Wai-hing (Member Question No. 14)

Reply:

Since 2012, the Office of the Government Chief Information Officer has launched the Funding Scheme for Digital Inclusion Mobile Apps to provide funding support for non-governmental organisations (NGOs) to develop mobile apps to address the needs of various target groups, including the elderly.

In the past 3 years, NGOs funded under the Scheme developed 3 mobile apps for the elderly.   These mobile apps have been launched progressively for free use since the end of 2013, and the total amount of funding is about $1.03 million.   As at February 2016, these mobile apps recorded about 19 000 downloads in total.

In 2016-17, we will continue to publicise and promote digital inclusion mobile apps to various target groups, including the elderly.   We have completed the assessment of applications for the new round of the Funding Scheme for mobile apps.   The total amount of funding support is about $2 million, which is similar to that of the past year.

To promote ICT adoption among the elderly, we have been coaching and encouraging the elderly to use ICT through various computer literacy programmes and award schemes. The programmes implemented in the past 3 years are as follows:

	Name of Programme	**Expenditure**	**Progress**	**Achievements**
2013	Smart Elderly Awards	$800,000	Completed in April 2013	About 2 000 elders received awards
2014	Smart Elderly IT Star Awards	$740,000	Completed in August 2014	12 Smart Elderly IT Stars were selected among 115 nominations
	ICT Outreach Programmes for Elderly 2014	$710,000	Completed in December 2014	38 elderly homes joined and 1 169 elders served
2015	ICT Outreach Programmes for the Elderly 2015	$1,200,000	In progress (expected to be completed by mid-2016)	About 57 elderly homes and day care centres joined and more than 1 800 elders served as at end-February 2016

According to experience, proper use of IT in daily life can improve the quality of life of the elderly, especially for those with limited mobility.   We will bid for resources to continue to implement and improve these initiatives to help more elders experience how ICT can enrich their life and facilitate active and healthy ageing.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0799)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

What measures will the Government take in 2016-17 to help the elderly learn more about matters on the innovation and technology industry?   What are the expenditure and details involved?

Asked by: Hon Emily LAU Wai-hing (Member Question No. 18)

Reply:

We will continue to promote digital inclusion to assist the elderly and the underprivileged to use information and communications technology (ICT).   Through various measures, including the ICT Outreach Programmes for Elderly and the Funding Scheme for Digital Inclusion Mobile Apps, we encourage ICT adoption among the elderly and encourage non-governmental organisations to develop mobile apps that are suitable for the elderly and the underprivileged, hence improving the quality of life of the elderly.

In 2016-17, we will make a provision of $1.2 million for launching a new round of the ICT Outreach Programmes for the Elderly.   We have also completed the assessment of applications for another round of the Funding Scheme for Digital Inclusion Mobile Apps. The amount of funding involved is about $2 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0800)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

What measures will the Government take in 2016-17 to help persons with disabilities learn more about matters on the innovation and technology industry?   What are the expenditure and details involved?

Asked by: Hon Emily LAU Wai-hing (Member Question No. 19)

Reply:

Since 2012, the Office of the Government Chief Information Officer has launched the Funding Scheme for Digital Inclusion Mobile Apps to provide funding support for non-government organisations to develop mobile apps to address the needs of various target groups, including persons with disabilities (PWDs).   In 2016-17, we will continue to publicise and promote digital inclusion mobile apps to various target groups, including PWDs.   We have completed the assessment of another round of applications under the Funding Scheme.   The amount of funding involved is about $2 million.

In addition, to facilitate access to online information and services by PWDs, we will consider inviting the industry and academia to jointly develop innovative solutions to evaluate accessibility compliance more effectively, and develop practical tools to help transform websites into accessible version.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0949)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget that the coverage of free Wi-Fi services will be progressively expanded (by increasing the number of hotspots) to over 30 000 to provide such services at various public places such as public hospitals, parks, promenades, tourist spots, public transport interchanges, etc. Hong Kong will then have one of the highest Wi-Fi densities in the world. What are the timetable and details of the relevant plan?

Asked by: Hon Starry LEE Wai-king (Member Question No. 53)

Reply:

We have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling its number of hotspots from 17 000 to 34 000 within 3 years. Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points. We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

In the second quarter of 2016, we will consult the relevant Panel of the Legislative Council (LegCo) on the details of the proposal, including the timetable, manpower and expenditure required, and seek funding approval from the Finance Committee of LegCo afterwards.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3017)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary mentioned about the "Enriched IT Programme in Secondary Schools" in his speech.   It was proposed earlier in the 2014-15 Budget "to incorporate enrichment programmes in secondary schools which are outstanding in IT education.   By so doing, we hope to cultivate young IT professionals and even entrepreneurs to meet the development needs of a digital society."   A funding of $75 million is approved for implementing this programme for 8 schools years from 2015/16 to 2022/23.   Will the Government advise on the details and progress of the programme?   How many schools and students have participated in the programme?   How many resources have been used?

Asked by: Hon Starry LEE Wai-king (Member Question No. 55)

Reply:

The details and progress of the implementation of the Government's Enriched IT Programme in Secondary Schools are as follows:

Enriched IT Classes: In June 2015, we selected 8 secondary schools with good track record in IT education as partner schools for providing intensive IT training to students (from Secondary Two to Secondary Six) who are interested and talented in IT.   The first cohort of Enriched IT Class students has been enrolled in the 2015-16 school year. Currently, there are 298 Secondary Two students and 52 Secondary Four students of Enriched IT Class.

Enriched IT Activities: We will invite all government-funded secondary schools each year to organise IT activities for enriching IT learning outside the school curriculum, so as to provide more opportunities for students to apply IT knowledge and to cultivate creativity through IT or related activities.   We completed the evaluation of the proposals for Enriched IT Activities for this year in March 2016 and selected 85

secondary schools to organise their respective activities in 2016.   It is expected that there will be around 9 500 student participants.

The estimated expenditure for the Enriched IT Programme in Secondary Schools in 2015-16 is around $11.25 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3246)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary stated that the Cyberport will provide training to the financial services industry through its incubation programme. Would the Government please answer,

1) How much manpower and expenditures will be used to train the industry in blockchain?
2) Will this expenditure come out of the Cyberport budget? If not, whose budget?
3) Will the Government promote the application of blockchain to other industries beyond financial services, and if so, will training be provided to other industries on their application of blockchain (e.g. legal, entertainment and logistics)?

Asked by: Hon Kenneth LEUNG (Member Question No. 4.04)

Reply:

The required information is provided as follows:

1) and 2)   Cyberport will roll out a dedicated programme to provide financial, technical and business advisory supports to 150 Fintech start-ups over the next five years, including the promotion of blockchain technology. Since Cyberport will implement the programme with its own resources, no government expenditure will be incurred.

3)   The Government will closely monitor the application of blockchain in other sectors besides financial services. In addition to Fintech, the Cyberport Incubation Programme covers start-ups in other sectors.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2157)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title): (000) Operational Expenses

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please inform this Committee in tabular form of the establishment, rank, salaries, allowances and job-related allowances of the following items in the estimated expenditure of the Office of the Government Chief Information Officer in 2016-17:

- Directorate Staff
- Industry Facilitation Division (IF)
- Governance and Resources Division (G&R)
- IT Strategy Division (IS)
- IT Operations Division (OP)
- Digital Inclusion Division (DI)
- Projects Division (P)
- Strategy Development Division (SD)

Asked by: Hon LEUNG Kwok-hung (Member Question No. 2014)

Reply:

The required information is provided as follows:

(I) Directorate staff:

Total Directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
16	Government Chief Information Officer (1) Administrative Officer Staff Grade B (1)	**30,586**	**18**

		Deputy Director of Information Technology Services (1)		
		Administrative Officer Staff Grade C (1)@		
		Assistant Director of Information Technology Services (4)*		
		Chief Systems Manager (8)#		

Note: ( ) Denotes number of posts.

@ The Administrative Officer Staff Grade C post is created in Strategy Development Division.

* 4 Assistant Director of Information Technology Services posts are created in Industry Facilitation Division (1 post), Governance and Resources Division (1 post), IT Strategy Division (1 post) and IT Operations Division (1 post) respectively.

\# 8 Chief Systems Manager posts are created in Industry Facilitation Division (2 posts), Governance and Resources Division (1 post), IT Strategy Division (1 post), IT Operations Division (1 post), Digital Inclusion Division (1 post), Projects Division (1 post) and Strategy Development Division (1 post) respectively.

~ Personal emoluments include salaries, allowances and job-related allowances.

^ Personnel related expenses include Mandatory Provident Fund contribution and Civil Service Provident Fund contribution.

(II) Non-directorate staff:

	Total Non-directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
Industry Facilitation Division	**71**	Senior Systems Manager Systems Manager Analyst/Programmer I Analyst/Programmer II Senior Computer Operator Data Processor Senior Management Services Officer Management Services	**52,284**	**868**

	Total Non-directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
		Officer I Clerical Assistant		
Governance and Resources Division	**77**	Senior Systems Manager Systems Manager Analyst/Programmer I Analyst/Programmer II Computer Operation Manager Senior Computer Operator Computer Operator I Computer Operator II Data Processor Executive Officer I Chief Management Services Officer Senior Management Services Officer Management Services Officer I Chief Training Officer Training Officer I Clerical Officer Assistant Clerical Officer	**50,370**	**528**
IT Strategy Division	**57**	Senior Systems Manager Systems Manager Analyst/Programmer I Analyst/Programmer II Assistant Clerical Officer	**41,758**	**746**
IT Operations Division	**160**	Senior Systems Manager Systems Manager Analyst/Programmer I Analyst/Programmer II Computer Operation Manager Assistant Computer	**79,713**	**1,437**

	Total Non-directorate Establishment	Ranks	Total Personal Emoluments~ ($'000)	Total Personnel Related Expenses^ ($'000)
		Operation Manager Senior Computer Operator Computer Operator I Computer Operator II Data Processor Clerical Assistant Workman II		
Digital Inclusion Division	**15**	Senior Systems Manager Systems Manager Analyst/Programmer I Senior Computer Operator Data Processor	**10,148**	**0**
Projects Division	**69**	Senior Systems Manager Systems Manager Analyst/Programmer I Analyst/Programmer II Computer Operator I Computer Operator II Data Processor Assistant Clerical Officer Clerical Assistant	**48,358**	**428**
Strategy Development Division	**42**	Senior Systems Manager Systems Manager Analyst/Programmer I Analyst/Programmer II Senior Administrative Officer Administrative Officer Executive Officer I Assistant Clerical Officer	**35,016**	**1,008**

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1762)

Head: (47) Government Secretariat : Office of the Government Chief
                             Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in last year's Budget that the Government will promote cloud computing applications among small and medium enterprises (SMEs) and provide them with relevant training. In this connection, will the Bureau allocate additional financial resources to continue supporting the above initiatives? If yes, what is the estimated expenditure for promoting cloud computing? And what is the estimated expenditure for providing training? If not, what are the reasons?

Asked by: Hon Martin LIAO Cheung-kong (Member Question No.21)

Reply:

To further drive the adoption of cloud computing services among SMEs, the Office of the Government Chief Information Officer (OGCIO) launched the SME Cloud Promotion Campaign between December 2014 and June 2015 to provide training and organise promotional activities.   The Campaign aims at enhancing SMEs' awareness and adoption of cloud computing solutions, enabling them to better understand the benefits of using cloud computing and how to choose cloud computing services for enhancing operational efficiency and competitiveness.   The Campaign included:

(1)   about 40 free training courses for 6 industry sectors including retail, catering, import and export trade, logistics and land transport, sales and marketing, as well as human resources management and accounting, benefitting over 3 800 SME practitioners; and

(2)   a competition on applications of cloud computing to elect the "Best SME Cloud Adopters" Awards and "Best SME Cloud Solutions" Awards.

According to an industry survey conducted in 2015, more than 80% of the SME respondents started adopting cloud computing services, representing a notable increase (about 50%) compared with the 2014 survey.

The work of promoting cloud computing to SMEs in 2016-17 will be included as part of OGCIO's overall support and facilitation work to help the industry.   There is no separate breakdown of the expenditure.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1770)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 111 of the Budget that the Government has launched in October last year the Enriched IT Programme in Secondary Schools which offers intensive training to students with potential, and set up a steering committee to coordinate and promote the programme.   In this connection, what is the Bureau's estimated expenditure involved in the related work plan in 2016-17?   Please list out the specific breakdown of expenditure and manpower involved.

Asked by: Hon Martin LIAO Cheung-kong (Member Question No. 33)

Reply:

The Enriched IT Programme in Secondary Schools was officially launched in October 2015. The whole Programme will last for 8 years.   The estimated total expenditure is $75 million.   In 2016-17, an estimated expenditure of $11.12 million will be required for supporting the 8 partner schools to run 20 Enriched IT Classes, supporting other schools to organise Enriched IT Activities, as well as promoting and sharing deliverables of IT Classes and IT Activities among the school community and interested stakeholders.   The Programme is implemented by the existing staff of the Office of the Government Chief Information Officer.

- End -

Reply Serial No.

CONTROLLING   OFFICER'S   REPLY

ITB195

(Question Serial No. 0348)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary implements the recommendations of the 2016 Policy Address that the Government will progressively expand the coverage of free Wi-Fi services by doubling the number of hotspots to 34 000 within 3 years and set aside $500 million for this initiative. In this connection, please advise if the Government has considered expediting the implementation because many people in the society think that taking 3 years to reach this target is way too slow.   If yes, what are the details?   If not, what are the reasons?

Asked by: Ir Dr Hon LO Wai-kwok (Member Question No. 14)

Reply:

Additional Wi-Fi hotspots will be provided in a large number of outdoor and indoor locations.   We set the target of 3 years to double the number of Wi-Fi.HK hotspots to 34 000 having regard to our experience in installing Wi-Fi hotspots at government premises and the progress of installing public Wi-Fi hotspots in recent years.   Nevertheless, we will accord priority to locations with high patronage so as to allow the public to enjoy more free Wi-Fi services as soon as possible.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1404)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Under this Programme, the Office of the Government Chief Information Officer will be
heavily engaged in the work in 2016-17, including enhancing central IT infrastructure
facilities, improving e-government services for the public and conducting security checking
of government websites and applications, etc.   However, there is no increase but decrease
in its estimated provision as compared with the last financial year.   In this connection,
please advise on the following:

(1)   Has the Government taken appropriate measures to ensure that the quality of relevant
      work items would not be affected due to insufficient resources?   If yes, what are the
      details?   If not, what are the reasons?

(2)   Has the Government formulated any specific plans on providing resources and
      introducing measures to facilitate the professional development of Government IT
      professionals?   If yes, what are the details?   If not, what are the reasons?

Asked by: Ir Dr Hon LO Wai-kwok (Member Question No.17)

Reply:

The reply to the Member's question is as follows:

(1)   The Office of the Government Chief Information Officer has earmarked sufficient
      resources to implement the related work in 2016-17 under the Programme "Use of IT
      in Government".   We will deploy IT professionals with relevant experience to
      participate in the projects for effective use of resources.

      We have formulated best practices and guidelines in such areas as quality
      management, project management, resource estimation, system development and

information security to ensure the quality of concerned projects. Individual projects have also set up their respective Project Steering Committee and Project Assurance Team to monitor and review project progress and deliverables in order to ensure quality.

(2) We have developed the Government IT Skills Framework (GISF) which describes the core competencies as required by government IT professionals. Riding on the GISF, we have launched a comprehensive continuing professional development process to help government IT professionals identify the types and levels of skills required to properly perform their work, and understand their own training needs. We have also developed training roadmaps to provide a more systematic approach to train staff at various ranks.

Based on the job requirements and professional development needs of staff, we formulate annual training plans and deploy resources to arrange suitable training programmes. The training programmes, which cover professional knowledge of information and communications technology and management skills to enhance staff's abilities in different aspects, are delivered through various channels including face-to-face training, seminars, e-learning and course fee refund scheme.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1405)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Office of the Government Chief Information Officer will study the digital framework and standards and develop a blue print for smart city development in Hong Kong.   In this connection, please advise on whether the Government will consider co-ordinating with the departments concerned as soon as possible to integrate the element of "smart city" in the planning of new development areas by conducting advance planning of various software and hardware infrastructure, such as communications, network, smart home and green building facilities.   If yes, what are the details?   If not, what are the reasons?

Asked by: Ir Dr Hon LO Wai-kwok (Member Question No. 18)

Reply:

The Office of the Government Chief Information Officer plans to engage a consultant in 2016-17 to formulate a digital framework and technical standards suitable for Hong Kong as the foundation for smart city development.

In the course of the study, the consultant will consult stakeholders, including related government departments, the academia, research institutions and the private sector, on various aspects of smart city development to gauge their views.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No.1946)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the measures on promoting cyber and information security, please advise on the
following:

(1) The number of cyber attacks (web defacement, intrusion of networking and
     information systems, and distributed denial of service (DDoS) attacks) targeting
     government networks and websites in 2015-16, broken down by department and type
     of security incidents in tabular form;

(2) The expenditure of government bureaux and departments (B/Ds) for security risk
     assessments and audits in 2015-16, and the percentage against their annual information
     technology (IT) expenditure;

(3) Have information security risk assessments and checks been performed for websites,
     applications and mobile applications developed by B/Ds in 2015-16?   What are the
     details and expenditure involved?

(4) What are the estimated expenditure for the study and review on the government IT
     security policy, as well as the work, manpower and expenditure involved in 2016-17?

(5) Please list out in tabular form the B/Ds with IT security compliance monitoring and
     audits conducted in the past 3 years, being conducted and planned to be conducted in
     2016-17; and

(6) Please list out in tabular form the dates, details, training departments, targets and
     numbers of participants of the security awareness seminars and training organised in
     the past 3 years, being organised and planned to be organised in 2016-17.

Asked by: Hon Charles Peter MOK (Member Question No. 9)

Reply:

The required information is provided as follows:

(1) In 2015-16, the Government Information Security Incident Response Office under the Government Computer Emergency Response Team (GovCERT) received 4 incident reports on cyber attacks targeting government websites, including 2 web defacements and 2 distributed denial of service attacks, which involved 4 different departments. No data leakage was found in the 4 security incidents.

(2) Government bureaux and departments (B/Ds) will conduct security risk assessments before launching new information systems or large-scale upgrade of the existing systems, and they are also required to perform regular security audits on information systems to ensure compliance with IT security policies and the implementation of effective security measures. The expenditure of such work is generally included in the development and maintenance costs of the relevant information systems. Therefore, we do not have a separate breakdown for the expenditure.

Besides, B/Ds conduct comprehensive information security risk assessments and audits periodically (around once every 2 years). In 2015-16, the estimated total expenditure on security risk assessments and audits was about $12.1 million, accounting for about 0.26% of the estimated total annual IT expenditure.

(3) It is a mandatory requirement to conduct information security risk assessments on websites, application systems and mobile applications developed by B/Ds. The risk assessments are generally included in the development and maintenance requirements of the relevant information systems. As the expenditure on information security is usually included in other IT-related expenditure, we do not have a separate breakdown for the expenditure in this regard.

(4) We have engaged a consultant to conduct the study and review on the government IT security policy.   The estimated total expenditure is $3 million.

(5) The numbers of B/Ds with information security compliance audits conducted in the past 3 years, being conducted and planned to be conducted in 2016-17 are tabulated as follows:

Information Security Compliance Audit	2013-14 (Number of B/Ds)	2014-15 (Number of B/Ds)	2015-16 (Number of B/Ds)	2016-17 (Number of B/Ds)
Completed	8	8	25	-
Being conducted	-	-	2	-
Planned to be conducted	-	-	-	18

(6)   The numbers of seminars and training organised in the past 3 years are tabulated as follows:

	2013-14	2014-15	2015-16
Number of seminars and training	48	65	53
Number of participants	1 342	2 213	1 617

These seminars and training included information security awareness training arranged for B/Ds' staff, information security refresher courses for departmental information security officers and commanders of departmental information security incident response teams, as well as thematic seminars and professional training for information security management and professional officers.

In 2016-17, we will continue to arrange relevant seminars and training.   Detailed information is not available at the moment.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1947)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the government procurement of information technology (IT) products and services, please advise on the following:

(1)   What are the respective total values of IT products and services procured by the Government in 2015-16?

(2)   What is the total contract value of IT items awarded from January 2015 to February 2016?

(3)   Among those items awarded under SOA-QPS3, what are the respective percentages of the 4 service categories, the percentages of small-scale and large-scale items under service categories (2) and (3), the percentage of items with expenditure exceeding the estimated cost against the total numbers, as well as the percentage of items with the completion date delayed for more than 30 days against the estimated date?

(4)   Is there any plan in 2016-17 to reduce the difficulty for SMEs to take part in the government procurement of IT products and services?   If yes, what are the details?

(5)   Has the Government reviewed if the IT items outsourced under SOA-QPS in the past could be developed internally by the Government?   If yes, what are the details, manpower and development costs of the items involved, as well as the amounts of outsourced items in the past, etc?   If not, what are the reasons?

Asked by: Hon Charles Peter MOK (Member Question No. 22)

Reply:

The required information is provided as follows:

（1） In 2015-16 (as of end January 2016), the total values of information technology (IT) products and services procured by government bureaux and departments (B/Ds) through the standing offer agreements administered by the Office of the Government Chief Information Officer (OGCIO) are $379 million and $277 million respectively.

（2） From January 2015 to February 2016, the total contract value of the IT projects awarded through the Standing Offer Agreement for Quality Professional Services 3 (SOA-QPS3) administered by OGCIO is $357 million.

（3） As of end January 2016, the percentages of respective service categories for the 803 IT projects awarded through the SOA-QPS3 are as below:
Service Category 1 (Pre-implementation and Independent Programme / Project Management Services): 9%

Service Category 2 (System Maintenance and Support Services): 24%
In which, the respective percentages of small-scale projects and large-scale projects are 84% and 16%

Service Category 3 (Implementation and Combined System Development Services): 20%
In which, the respective percentages of small-scale projects and large-scale projects are 56% and 44%

Service Category 4 (Information Security and Independent Testing Services): 47%

All these awarded projects do not have their expenditure exceeding the estimated cost.

The percentages of IT projects with completion date delayed for more than 30 days against the estimated date are as below:
Service Category 1: 0.29%
Service Category 2: 0%
Service Category 3: 0.58%
Service Category 4: 4.06%

（4） The Government's procurement policy is to conduct procurement in the most cost-effective manner through open, fair and competitive processes. We do not favour or discriminate against any suppliers. Having regard to the Agreement on Government Procurement of the World Trade Organization, the Government has taken the following measures to facilitate local SMEs to bid for government IT projects:

(a) Where practicable and without affecting the overall project, breaking a large-scale project down into multiple projects of manageable sizes and awarding contracts in phases as far as possible so that SMEs can have more opportunities to participate;

(b) Avoiding awarding to the same tenderer as far as possible for tender involving more than one contract so as to assist other SMEs in bidding for government tenders;

(c) Setting up specific service groups under the SOA-QPS for B/Ds to acquire IT professional services with contract value not exceeding $1.43 million;

(d) Providing more government IT project information to the market (for example, launching e-Procurement service to improve the tenderers' efficiency and reduce their effort in preparing tender submission; promoting their products and services to the Government through the "Government IT Business Window" and "Suppliers Community Portal" on the OGCIO website; and publishing the "Quarterly Catalogue of Opportunities for Private Sector Participation" on the Digital 21 Strategy website); and

(e) Reducing the financial burden on tenderers (for example, lowering or waiving the tender and contract deposit requirement; and only requiring a performance bond or bank guarantee from a successful tenderer for contract of high value or complex project if the tenderer is unable to supply adequate supporting information about its financial capability to perform its contractual obligations during financial vetting) so as to assist SMEs to participate in government tenders.

(5) OGCIO promulgated the improvement measures for delivery of IT projects in February 2014, including recommending B/Ds to conduct system analysis and design by in-house staff. As the related work requires substantial business domain knowledge and skills, the conduct of the work by government in-house staff will make the implementation of IT projects more effective. This arrangement also helps monitor the performance of contractors and assess the quality of the deliverables produced by the contractors in the subsequent stages.

Having regard to their actual situations and needs, B/Ds will make the most appropriate arrangements. OGCIO does not have the related detailed information.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1948)

Head: (47) Government Secretariat : Office of the Government Chief
                               Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in paragraph 54 of the Budget Speech that $500 million has been earmarked
to further increase the number of Wi-Fi.HK hotspots.   Will the Government advise on the
following:

(1)   Regarding the specific details of the relevant plan, please list out the providers
      (public/private organisations), types of venues, districts, free service time, bandwidth
      limit, estimated increase in coverage across the territory, and indicate whether the
      hotspots are newly provided.   Please also advise on the timetable, manpower and
      expenditure required for implementing the plan;

(2)   The 10 venues with the highest and lowest average daily numbers of users connected
      to Government Wi-Fi (Gov*WiFi*) services and Wi-Fi.HK in the past year.   What are
      the average daily users at these venues?

(3)   The Government plans to double the existing speed of Wi-Fi connection.   What is the
      estimated expenditure involved?   What is the expenditure involved for the specific
      measures for further enhancing security?

(4)   The Government plans to progressively expand the coverage of Wi-Fi.HK by doubling
      the number of hotspots to 34 000 within 3 years.   Please list out the additional
      hotspots to be provided in 2016-17 by type of venues, district, location, free trial
      service time (minute) and expenditure.

(5)   What are the details on the expenditure incurred by the Gov*WiFi* Maintenance Board
      and that for producing publicity items for encrypted connection in the past year?

(6)   What are the progress and expected completion date of the consultancy study in
      respect of the review and proposal on the future development direction of the Gov*WiFi*

Programme after year 2017?   What are the manpower and expenditure required in 2016-17?

Reply:

The required information is provided as follows:

(1) and (4) We have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling its number of hotspots from 17 000 to 34 000 within 3 years. Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points.   We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

In the second quarter of 2016, we will consult the relevant Panel of the Legislative Council (LegCo) on the details of the proposal, including the timetable, manpower and expenditure required, and seek funding approval from the Finance Committee of LegCo afterwards.

(2)   Based on the average number of Gov*WiFi* daily users, the top 10 usage venues in 2015 are as below:

	Venues	Average Number of Daily Users
1	Hong Kong Central Library	1 494
2	Hong Kong – Macau Ferry Terminal (passenger departure waiting hall)	1 263
3	Hong Kong Cultural Centre cum Tsim Sha Tsui Promenade	883
4	China Ferry Terminal	815
5	Ping Shan Tin Shui Wai Public Library	521
6	Sha Tin Public Library	460
7	Tai Po Public Library	417
8	Tuen Mun Public Library	398
9	Kowloon Park	385
10	Tsuen Wan Public Library	381

The 10 lowest usage venues in 2015 are as below:

	Venues	Average Number of Daily Users
1	Textiles Trader Registration Office	4
2	Sai Kung District Office – Public Enquiry Service Centre	4
3	Wah Kwai Community Centre	3

4	Hing Wah Community Hall	3
5	South Lamma Public Library	3
6	Lantau Link Visitors Centre	3
7	Islands District Office – Mui Wo Public Enquiry Service Centre	3
8	Stanley Community Hall	2
9	Clear Water Bay Visitor Centre	2
10	Islands District Office – Tung Chung Public Enquiry Service Centre	2

We have not requested participating organisations of the "Wi-Fi.HK" scheme to collect and submit the usage data of the Wi-Fi services provided at their venues.

(3)   We are progressively improving the overall speed performance of Gov*WiFi* services at government venues. The additional expenditure involved is around $70,000 per month. For example, we have doubled the user connection speed from 1-2 Mbps to 3-4 Mbps at government venues with high patronage, including all public libraries, to provide faster Internet service for the public.   We will continue to monitor the bandwidth usage of each Gov*WiFi* venue and timely adjust the overall bandwidth of individual venues to ensure service quality and cost-effectiveness.

To further enhance the security of Gov*WiFi*, we have fully adopted digital server certificate to facilitate the public to verify instantaneously the service connected is Gov*WiFi* with a view to minimising the risk of connecting bogus Wi-Fi hotspots.   A one-off expenditure of about $42,000 was used for enhancing the Gov*WiFi* captive portal.

(5)   The Gov*WiFi* Maintenance Board is responsible for managing the development and maintenance of Gov*WiFi* services as well as monitoring the service quality and contractor performance.   Members include representatives from major participating government departments.   No additional expenditure is involved for its operation.

For the use of encrypted channel service, we post signages at all Gov*WiFi* venues, and also promote and provide the encrypted channel service and the setup guides for common mobile devices on the Gov*WiFi* website, mobile application and promotional leaflets in order to facilitate the public to configure and access the Internet through encrypted channels.   In the past year, the expenditure for producing Gov*WiFi* promotional leaflets was about $20,000.

(6)   The Office of the Government Chief Information Officer had engaged a consultant to conduct a consultancy study on the future development direction of Gov*WiFi* services. The consultant completed the study report in February 2016.   No manpower or expenditure is involved in 2016-17.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1949)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please advise on the following:

(1)   The total number of vacancies of civil service information technology (IT) staff in government bureaux and departments (B/Ds) in 2015

Chief Systems Manager, Senior Systems Manager and Systems Manager	Analyst/ Programmer I	Analyst/ Programmer II	Number of Vacancies

(2)   The numbers of civil service IT staff in B/Ds in 2015 (in descending order by staff number)

B/D	Chief Systems Manager, Senior Systems Manager and Systems Manager	Analyst/ Programmer I	Analyst/ Programmer II	Total Number

(2)   The total number of full-time Non-Civil Service Contract (NCSC) staff providing IT support in B/Ds in 2015. Please provide the numbers of these staff in descending order;

(3) The total number of staff employed by T-contractors for B/Ds, and the year-on-year percentage change;

(4) Years of service and salaries of civil service IT staff in B/Ds in 2015

	Average Year of Service	Average Monthly Salary (Including Allowances)	Other Benefits
Chief Systems Manager			
Senior Systems Manager			
Systems Manager			
Analyst/ Programmer I			
Analyst/ Programmer II			

(5) Average years of service and salaries of staff employed by T-contractors for B/Ds

	Average Year of Service	Average Monthly Salary (Including Allowances)	Other Benefits
Senior IT Services Manager			
IT Services Manager			
Systems Analyst			
Analyst/ Programmer			

(6) The numbers of staff employed by T-contractors with 5 consecutive years of service or more in the past 3 years (Please provide a breakdown by B/D and post);

(7) What is the number of IT staff among the newly created civil service permanent posts in B/Ds in 2016-17?   (Please provide a breakdown by post title and B/D and list out in descending order by the total number); and

(8) Since the industry has reflected that the treatment for NCSC staff and T-contract IT staff is worse than civil servants performing similar duties, i.e. "unequal pay for equal work."   It is not conducive to manpower development of the industry.   Has the Government formulated any specific plans to review on the ways to assist T-contract IT staff having relatively long service and holding positions with long-term service needs to convert to civil servants.   If yes, what are the details?   If not, what are the reasons?

Asked by: Hon Charles Peter MOK (Member Question No. 21)

Reply:

The required information is as follows:

(1)   As at 31 December 2015, the numbers of civil service information technology (IT) staff [Note] and the number of vacancies of such staff in government bureaux and departments (B/Ds) are as follows:

Chief Systems Manager, Senior Systems Manager and Systems Manager	Analyst/ Programmer I	Analyst/ Programmer II	Number of Vacancies
285	369	297	47

   Note: Including civil service IT staff occupying permanent posts, time-limited posts and supernumerary posts.

The numbers of civil service IT staff in B/Ds as at 31 December 2015 are at Annex I.

(2)   The numbers of full-time [Note] non-civil service contract staff providing IT support employed by B/Ds as at 31 December 2015 are at Annex II.

   Note: "Full-time" means the employment is on a "continuous contract" as defined by the Employment Ordinance, namely an employee who works continuously for the same employer for 4 weeks or more, with at least 18 hours in each week.

(3)   In the past 3 years, the total numbers of staff engaged by B/Ds through T-contractors (commonly known as "T-contract staff"), and the year-on-year rate of change of such figures are as follows:

As at	Total Number	Rate of Change
31 December 2013	2 165	+4%
31 December 2014	2 406	+11%
31 December 2015	2 602	+8%

(4)   As at 31 December 2015, the years of service and salaries of civil service IT staff in B/Ds are as follows:

Rank	Average Number of Years of In-rank Service	Monthly Salary [Note] (HK$)
Chief Systems Manager	4.4	130,500 – 142,750
Senior Systems Manager	7.6	101,620 – 117,080
Systems Manager	9.1	63,095 – 95,215
Analyst/Programmer I	11.3	49,465 – 62,235
Analyst/Programmer II	2.6	28,140 – 47,235

Note: According to the prevailing civil service pay scales.

The allowances and other benefits of the IT staff of the ranks listed above are subject to and determined by the terms of appointment, eligibility of officers and the prevailing civil service mechanism.

(5)   The average lengths of service of staff engaged by B/Ds through T-contractors as at 31 December 2015 are as follows:

Category	Average Length of Service [Note]
Senior Project Manager	10.6
Project Manager	5.9
Senior Systems Analyst	7.2
Systems Analyst	5.2
Analyst/Programmer	3.6

Note: Length of service refers to the number of years of continuous employment of T-contract staff by T-contractors to provide service in the same B/D.

T-contract staff are employees of contractors.   The remuneration offered to T-contract staff by T-contractors would depend on the prevailing job market situation as well as the employment terms and conditions made between the contractors and their individual staff.   Given that the employment terms and conditions as well as the remuneration package made between a contractor and its individual staff are the internal affairs and related to the business operations of that contractor, the Government does not have information in this regard.

(6)   In the past 3 years, the numbers of T-contract staff employed for 5 consecutive years or more are at Annex III.

(7)   The new civil service IT permanent posts planned for creation in B/Ds in 2016-17 are at <u>Annex IV</u>.

(8)   Given that the nature of T-contract services is to complement the core team of civil servants in order to allow for flexibility to meet peaks and troughs in IT project-based manpower demand, it would not be effective and efficient to replace T-contract services by permanent civil service staff.   At present, there is neither a mechanism nor a plan to directly convert T-contract staff to civil servants.   Individual staff may apply for related civil service posts they are interested in.

Numbers of Civil Service IT Staff in B/Ds
(position as at 31 December 2015)

B/Ds	Chief Systems Manager, Senior Systems Manager and Systems Manager	Analyst/ Programmer I	Analyst/ Programmer II	Total
Office of the Government Chief Information Officer	99	139	69	307
Hong Kong Police Force	15	27	37	79
Immigration Department	12	19	21	52
Housing Department	10	20	11	41
Department of Health	10	8	13	31
Inland Revenue Department	8	11	11	30
Customs and Excise Department	9	14	5	28
Census and Statistics Department	4	8	13	25
Judiciary	9	9	5	23
Treasury	7	11	5	23
Social Welfare Department	7	5	9	21
Working Family and Student Financial Assistance Agency	4	7	10	21
Education Bureau	8	8	3	19
Leisure and Cultural Services Department	6	3	9	18
Rating and Valuation Department	4	7	6	17
Marine Department	1	4	9	14
Post Office	6	5	3	14
Land Registry	5	5	3	13
Hong Kong Observatory	1	2	8	11
Trade and Industry	2	4	5	11

B/Ds	Chief Systems Manager, Senior Systems Manager and Systems Manager	Analyst/ Programmer I	Analyst/ Programmer II	Total
Department				
Civil Service Bureau	2	2	6	10
Planning Department	2	5	3	10
Food and Health Bureau	7	2	0	9
Security Bureau	3	3	3	9
Transport Department	4	2	3	9
Buildings Department	1	3	3	7
Department of Justice	3	2	2	7
Labour Department	3	1	3	7
Registration and Electoral Office	2	2	2	6
Companies Registry	3	2	0	5
Government Logistics Department	2	2	1	5
Home Affairs Department	1	3	1	5
Lands Department	1	3	1	5
Chief Secretary for Administration's Office	2	2	0	4
Development Bureau (Works Branch)	1	1	2	4
Drainage Services Department	2	1	1	4
Environmental Protection Department	1	1	2	4
Food and Environmental Hygiene Department	2	1	1	4
Information Services Department	2	0	2	4
Agriculture,	1	1	1	3

B/Ds	Chief Systems Manager, Senior Systems Manager and Systems Manager	Analyst/ Programmer I	Analyst/ Programmer II	Total
Fisheries and Conservation Department				
Development Bureau (Planning and Lands Branch)	0	2	1	3
Legal Aid Department	1	1	1	3
Labour and Welfare Bureau	1	1	1	3
Commerce and Economic Development Bureau (Communications and Creative Industries Branch)	1	1	0	2
Commerce and Economic Development Bureau (Commerce, Industry and Tourism Branch)	1	1	0	2
Financial Services and the Treasury Bureau (The Treasury Branch)	1	1	0	2
Home Affairs Bureau	1	1	0	2
Highways Department	1	1	0	2
Official Receiver's Office	0	2	0	2
Transport and Housing Bureau (Transport Branch)	1	1	0	2
Auxiliary Medical Service	0	0	1	1
Civil Aid Service	0	0	1	1
Civil Engineering and Development Department	1	0	0	1

B/Ds	Chief Systems Manager, Senior Systems Manager and Systems Manager	Analyst/ Programmer I	Analyst/ Programmer II	Total
Constitutional and Mainland Affairs Bureau	1	0	0	1
Electrical and Mechanical Services Department	1	0	0	1
Government Flying Service	0	1	0	1
Intellectual Property Department	1	0	0	1
University Grants Committee Secretariat	0	1	0	1
Water Supplies Department	1	0	0	1

**Number of Full-time Non-civil Service Contract (NCSC) Staff
Providing IT Support in B/Ds
(position as at 31 December 2015)**

B/Ds	Number of NCSC staff
Electrical and Mechanical Services Department	143
Education Bureau	61
Leisure and Cultural Services Department	27
Efficiency Unit	22
Working Family and Student Financial Assistance Agency	20
Rating and Valuation Department	18
Lands Department	17
Hong Kong Observatory	16
Inland Revenue Department	15
Post Office	14
Office of the Communications Authority	11
Radio Television Hong Kong	10
Water Supplies Department	9
Fire Services Department	7
Drainage Services Department	6
Trade and Industry Department	4
Financial Services and the Treasury Bureau	3
Home Affairs Department	3
Invest Hong Kong	3
Labour Department	3
Social Welfare Department	3
Department of Health	2
Environmental Protection Department	2

B/Ds	Number of NCSC staff
Government Laboratory	2
Innovation and Technology Commission	2
Planning Department	2
Treasury	2
Chief Secretary and Financial Secretary's Offices	1
Civil Aviation Department	1
Civil Engineering and Development Department	1
Commerce and Economic Development Bureau	1
Office of the Government Chief Information Officer	1
Registration and Electoral Office	1
University Grants Committee Secretariat	1

**Numbers of T-contract Staff Employed in the Same B/D
for 5 Consecutive Years or More**

（a）Position as at 31 December 2015

B/Ds	Senior Project Manager	Project Manager	Senior Systems Analyst	Systems Analyst	Analyst/ Programmer	Total
Agriculture, Fisheries and Conservation Department	0	2	0	3	5	10
Buildings Department	0	2	0	0	0	2
Census and Statistics Department	0	0	0	1	0	1
Civil Aviation Department	0	0	0	2	1	3
Civil Engineering and Development Department	0	0	0	2	1	3
Civil Service Bureau	1	1	1	5	0	8
Companies Registry	0	1	1	2	1	5
Customs and Excise Department	0	1	2	27	7	37
Department of Health	0	12	6	23	8	49
Department of Justice	0	0	0	4	8	12
Development Bureau	0	0	3	4	1	8
Drainage Services Department	0	0	0	1	2	3
Education Bureau	0	1	3	25	19	48
Environmental Protection Department	0	0	2	13	10	25
Food and Environmental Hygiene Department	0	1	2	21	14	38
Food and Health Bureau	0	0	0	1	0	1
Government Logistics Department	0	0	1	2	1	4
Highways Department	0	0	1	2	2	5
Home Affairs Department	0	0	0	1	0	1
Hong Kong Police Force	0	0	0	6	9	15
Housing Department	0	3	16	25	9	53
Immigration Department	0	3	6	14	4	27
Information Services Department	0	1	0	1	6	8
Inland Revenue Department	2	1	2	16	10	31
Judiciary	0	0	4	2	0	6

B/Ds	Senior Project Manager	Project Manager	Senior Systems Analyst	Systems Analyst	Analyst/ Programmer	Total
Labour and Welfare Bureau	0	0	1	1	0	2
Labour Department	0	4	4	13	16	37
Land Registry	0	3	7	4	0	14
Lands Department	0	0	0	6	2	8
Legal Aid Department	0	1	0	1	4	6
Leisure and Cultural Services Department	0	2	1	9	7	19
Marine Department	0	0	0	2	3	5
Office of the Government Chief Information Officer	1	19	40	81	23	164
Official Receiver's Office	0	0	0	1	0	1
Planning Department	0	0	1	2	4	7
Post Office	2	5	4	9	7	27
Rating and Valuation Department	0	0	0	6	2	8
Registration and Electoral Office	0	0	0	1	1	2
Security Bureau	0	0	0	4	2	6
Social Welfare Department	0	1	0	5	4	10
Trade and Industry Department	0	0	3	2	4	9
Transport and Housing Bureau	0	0	1	0	0	1
Transport Department	1	6	5	11	2	25
Treasury	0	0	0	8	6	14
Water Supplies Department	0	0	0	0	4	4

（b）Position as at 31 December 2014

B/Ds	Senior Project Manager	Project Manager	Senior Systems Analyst	Systems Analyst	Analyst/ Programmer	Total
Agriculture, Fisheries and Conservation Department	0	1	0	3	2	6
Buildings Department	0	2	0	0	1	3
Census and Statistics Department	0	0	0	1	0	1
Civil Aviation Department	0	0	0	1	1	2
Civil Engineering and Development Department	0	0	0	1	2	3
Civil Service Bureau	1	1	1	4	1	8
Companies Registry	0	0	2	1	0	3
Customs and Excise Department	0	1	2	25	8	36
Department of Heath	0	12	6	17	5	40
Department of Justice	0	0	1	4	7	12
Development Bureau	0	0	3	1	2	6
Drainage Services Department	0	0	1	1	1	3
Education Bureau	0	1	2	25	19	47
Environmental Protection Department	0	0	2	12	9	23
Food and Environmental Hygiene Department	0	1	2	21	15	39
Food and Health Bureau	0	0	0	1	0	1
Government Logistics Department	0	0	1	1	0	2
Highways Department	0	0	1	2	1	4
Home Affairs Department	0	0	0	1	2	3
Hong Kong Police Force	0	0	0	3	8	11
Housing Department	0	4	13	30	10	57
Immigration Department	0	3	3	16	1	23
Information Services Department	0	1	0	1	6	8
Inland Revenue Department	2	2	2	15	8	29
Judiciary	0	0	3	0	0	3
Labour and Welfare Bureau	0	0	1	1	0	2
Labour Department	0	4	4	13	17	38
Land Registry	0	3	7	4	0	14
Lands Department	0	0	0	3	4	7

B/Ds	Senior Project Manager	Project Manager	Senior Systems Analyst	Systems Analyst	Analyst/ Programmer	Total
Legal Aid Department	0	1	0	1	4	6
Leisure and Cultural Services Department	0	1	0	13	6	20
Marine Department	0	0	0	2	2	4
Office of the Government Chief Information Officer	3	18	36	86	22	165
Official Receiver's Office	0	0	0	1	0	1
Planning Department	0	0	1	2	3	6
Post Office	2	4	3	6	3	18
Rating and Valuation Department	0	0	0	6	1	7
Registration and Electoral Office	0	0	0	0	1	1
Security Bureau	0	0	0	4	3	7
Social Welfare Department	0	1	0	6	5	12
Student Financial Assistance Agency	0	0	0	3	1	4
Trade and Industry Department	0	0	3	2	3	8
Transport and Housing Bureau	0	0	1	0	0	1
Transport Department	1	6	5	10	2	24
Treasury	0	0	0	5	3	8
Water Supplies Department	0	0	0	0	4	4

（c）Position as at 31 December 2013

B/Ds	Senior Project Manager	Project Manager	Senior Systems Analyst	Systems Analyst	Analyst/ Programmer	Total
Agriculture, Fisheries and Conservation Department	0	1	0	3	1	5
Buildings Department	0	2	0	0	0	2
Civil Aviation Department	0	0	0	1	0	1
Civil Engineering and Development Department	0	0	0	1	1	2
Civil Service Bureau	0	1	1	4	1	7
Companies Registry	0	0	1	1	0	2
Customs and Excise Department	0	1	2	18	9	30
Department of Health	0	11	6	11	4	32
Department of Justice	0	0	1	4	6	11
Development Bureau	0	0	1	0	4	5
Drainage Services Department	0	0	1	1	1	3
Education Bureau	0	1	2	23	20	46
Environmental Protection Department	0	0	2	8	9	19
Food and Environmental Hygiene Department	0	1	2	23	20	46
Food and Health Bureau	0	0	0	1	0	1
Government Logistics Department	0	0	1	1	0	2
Highways Department	0	0	1	2	0	3
Home Affairs Department	0	0	0	1	1	2
Hong Kong Police Force	0	0	0	2	2	4
Housing Department	0	4	16	26	12	58
Immigration Department	0	3	4	18	1	26
Information Services Department	0	1	0	1	6	8
Inland Revenue Department	2	0	3	11	9	25
Judiciary	0	0	3	0	0	3
Labour and Welfare Bureau	0	0	1	1	0	2
Labour Department	0	4	3	14	11	32
Land Registry	0	4	7	3	0	14
Lands Department	0	0	0	3	4	7
Legal Aid Department	0	1	0	1	4	6
Leisure and Cultural	0	1	0	14	6	21

B/Ds	Senior Project Manager	Project Manager	Senior Systems Analyst	Systems Analyst	Analyst/ Programmer	Total
Services Department						
Marine Department	0	0	0	2	2	4
Office of the Government Chief Information Officer	4	13	31	81	21	150
Official Receiver's Office	0	0	0	1	0	1
Planning Department	0	0	2	0	2	4
Post Office	2	4	3	6	3	18
Rating and Valuation Department	0	1	0	6	2	9
Registration and Electoral Office	0	0	0	0	1	1
Security Bureau	0	0	0	3	3	6
Social Welfare Department	0	1	0	6	4	11
Student Financial Assistance Agency	0	0	0	3	0	3
Trade and Industry Department	0	0	3	2	3	8
Transport and Housing Bureau	0	0	0	1	0	1
Transport Department	1	7	5	10	1	24
Treasury	0	2	0	5	5	12

**New Civil Service IT Posts in the Permanent Establishment
Planned for Creation in 2016-17**

B/Ds	Chief Systems Manager, Senior Systems Manager and Systems Manager	Analyst/ Programmer I	Analyst/ Programmer II	Total [Note]
Office of the Government Chief Information Officer	10	4	6	20
Judiciary	4	3	4	11
Immigration Department	4	3	0	7
Department of Health	4	2	0	6
Security Bureau	1	2	2	5
Commerce and Economic Development Bureau (Commerce, Industry and Tourism Branch)	4	0	0	4
Correctional Services Department	2	1	1	4
Education Bureau	0	1	2	3
Labour Department	1	1	1	3
Commerce and Economic Development Bureau (Communications and Creative Industries Branch)	1	0	0	1
Customs and Excise Department	0	1	0	1
Post Office	1	0	0	1
Lands Department	0	1	0	1
Leisure and Cultural Services Department	0	1	0	1
Rating and Valuation Department	0	1	0	1

Note: Including permanent posts and time-limited posts.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1950)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in Programme 1 that the Office of the Government Chief Information Officer provided common IT systems and support to government departments including cloud platforms, mobile applications reference modules and templates, electronic procurement system, electronic recordkeeping system, confidential messaging application. Please advise on the following:

(1)   Has the Government drawn up a specific timetable for implementing this plan, and put in place any specific indicators to evaluate the effectiveness?   If yes, what are the details?   If not, what are the reasons?

(2)   For the government bureaux and departments (B/Ds) adopting the Government Public Cloud Services (GPCS) in 2015-16, please list out in the table below the systems adopted as well as the names/titles of companies or services;

B/D	Productivity Applications	Business Applications	Cloud IT Services	Social Media Applications	Service Provider	Expenditure

(3)   Please provide in tabular form a list of GPCS providers that offer public cloud services to the Government, as well as the types of services offered; and

(4)   The Government mobile applications that are developed by currently using the "mobile applications reference modules and templates" in 2015-16.

Asked by: Hon Charles Peter MOK (Member Question No.4)

Reply:

The required information is provided as follows:

(1)   The Office of the Government Chief Information Officer (OGCIO) is progressively rolling out common e-government services on government cloud platforms for adoption by bureaux and departments (B/Ds).   The specific situations of relevant systems are as below:

- e-Procurement System: B/Ds have been using the e-Procurement System hosted on the cloud platform to conduct the procurement of IT products and services under standing offer agreements.   Furthermore, we are also rolling out the full functions of e-Procurement System to B/Ds.   At present, 10 B/Ds have been using the electronic mode of operation to deal with all their low-value purchases (not exceeding $1.43 million).   Our target is to have 30 B/Ds using e-Procurement System to conduct all their low-value purchases by the end of 2017-18;

- Electronic Recordkeeping System: On the basis of the successful implementation of Electronic Recordkeeping System (ERKS) in 5 B/Ds, we are taking forward the next stage of work to progressively develop the ERKS on cloud platform for another 6 representative departments.   We will conduct a review in 2017-18 to formulate strategy and devise concrete indicators for wider implementation of the system in the Government; and

- Confidential email system: We are coordinating and supporting B/Ds to implement their projects of upgrading the confidential email system according to their plans.   As at end February 2016, 7 system upgrade projects were completed, and all system upgrade projects are expected to be completed by mid-2017.   The new confidential email system was developed by the Government, achieving better cost-effectiveness in system maintenance and technology refresh, strengthening information protection and enhancing system functionality as well as supporting mobile devices.

(2) The total expenditure involved for the Government Public Cloud Services (GPCS) adopted by B/Ds in 2015-16 (as at end January 2016) is about $3.6 million. The B/Ds adopting GPCS, the systems implemented, the suppliers and services adopted are listed in the table below:

B/Ds	Productivity Applications	Business Applications	Cloud IT Services	Social Media Applications	Service Providers
Education Bureau	-	-	Cloud hosting service	-	Master Concept (Hong Kong) Limited
	-	-	Cloud hosting service with development	-	Master Concept (Hong Kong) Limited
	-	-	Web hosting, system maintenance and support service of the Quality Education Fund websites	-	SunnyVision Limited
Food and Health Bureau	-	Cloud-based e-mail service		-	Telecommunications & Technology Asia Limited
	-	-	Web hosting and operation services	-	Dimension Data China/Hong Kong Limited
Immigration Department	-	Cloud-based e-mail service	-	-	Telecommunications & Technology Asia Limited
Office of the Government Chief Information Officer	Office 365	-	-	-	Continuous Technologies International Limited
	-	-	Design, implementation and maintenance of a web portal and the related web hosting services	-	Cluster Technology Limited
	-	-	Web development and hosting in public cloud	-	Cluster Technology Limited
Planning Department	-	Cloud-based e-mail service	-	-	Telecommunications & Technology Asia Limited
Rating and Valuation Department	-	Cloud-based e-mail service	-	-	Telecommunications & Technology Asia Limited
Transport Department	-	-	Hosting services	-	Cluster Technology Limited

(3) The GPCS providers (in total 46) and their service categories are listed in the table below:

GPCS Providers	Productivity Applications	Business Applications	Cloud IT Services	Social Media Applications
Accenture Company Limited	✓	✓	✓	✓
Apptask Limited	✓			
Arcotect Limited	✓	✓	✓	✓
Automated Systems (H.K.) Limited	✓	✓	✓	✓
Azeus Systems Limited	✓			✓
China Comservice (Hong Kong) Limited	✓		✓	✓
CITIC Telecom International CPC Limited		✓	✓	
Cluster Technology Limited			✓	
Continuous Technologies International Limited	✓	✓	✓	✓
Designercity (HK) Limited	✓	✓	✓	✓
Dimension Data China/Hong Kong Limited	✓	✓	✓	✓
Diyixian.com Limited			✓	
Electronic Business Solutions Limited	✓	✓	✓	✓
EmployeeConnect (Greater China) Limited	✓	✓	✓	✓
EQUANT Hong Kong Limited			✓	
Expert Systems Limited	✓	✓	✓	✓
Global Technology Integrator Limited	✓	✓	✓	✓
Hewlett-Packard HK SAR Limited	✓	✓	✓	✓
Hong Kong Telecommunications (HKT) Limited			✓	
Hutchison Global Communications Limited	✓	✓	✓	✓
I Consulting Group Limited			✓	
IBM China/Hong Kong Limited	✓	✓	✓	✓
Jardine OneSolution (HK) Limited	✓	✓	✓	✓
KBQuest Hong Kong Limited	✓	✓	✓	✓
Kinetix Systems Limited	✓	✓	✓	✓
Master Concept (Hong Kong) Limited	✓	✓	✓	✓
Masterson Technology Limited			✓	

Microware Limited	✓	✓	✓	✓
NEC Hong Kong Limited	✓	✓	✓	✓
New World Telecommunications Limited		✓	✓	
Nexify Limited				✓
NTT Com Asia Limited		✓	✓	
OPM Systems Company Limited	✓	✓	✓	✓
Pacificnet Hosting Limited		✓	✓	
PCCW Solutions Limited	✓	✓	✓	✓
Portalvision Limited	✓			✓
Ricoh Hong Kong Limited	✓	✓	✓	✓
Speedy Group Corporation Limited		✓		✓
SunnyVision Limited	✓	✓	✓	✓
Superhub Limited	✓	✓	✓	
Systems Information Technology (HK) Limited	✓	✓	✓	✓
Telecommunications and Technology Asia Limited		✓		
UDomain Web Hosting Company Limited			✓	✓
Verizon Hong Kong Limited	✓		✓	
Wai On Services Limited	✓	✓	✓	✓
Wharf T&T Limited	✓	✓		
Number of Service Providers:	32	33	39	31

(4) At present, OGCIO provides a total of 8 mobile application reference module and templates, namely "Appointment Booking" reference module, "Mobile App Version Check", "Remote Content Retrieval", "Mobile Device System Configuration Check", "User-Friendly Navigation Framework", "Simple Form for Information Collection/Survey", "Illustration of Optical Character Recognition Technology" and "Collection of User Behaviour Statistics" templates. Generally speaking, they cover part of the functions that are commonly found in government mobile applications. Departments would normally make use of or refer to these templates when they conduct study or develop mobile applications.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 1951)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the "Digital-to-Digital" e-government services, will the Government advise on the following:

(1)   In respect of the GovHK portal, the operating and promotion expenditure, numbers of hits, total numbers of web page visits and the content most viewed (top 10) in the past 3 years;

(2)   The estimated manpower and expenditure required for revamping the GovHK portal in 2016-17.   Please provide the project details and expenditure involved if consultants or survey companies have been commissioned to conduct relevant research;

(3)   The details on the expenditure for promoting e-government services in the past year (government departments, titles and descriptions of the e-services, modes of service provision, promotion expenditure, modes and dates of promotion); and

(4)   Will government departments be encouraged to publish the utilisation details about their electronic public services and websites, and provide more channels for the public to express their views?

Asked by: Hon Charles Peter MOK (Member Question No.11)

Reply:

The required information is provided as follows:

(1)   The respective figures of the GovHK portal from 2013-14 to 2015-16 are as follows:

Year	2013-14	2014-15	2015-16 (as at end-February)
Operating and promotion expenditure	$3.15 million	$3.28 million	$3.3 million
Numbers of hits	28 740 000	25 210 000	24 240 000
Total numbers of web page visits	109 440 000	95 640 000	71 700 000
Most-viewed content (top 10)	1. Immigration Services: HKSAR Travel Documents 2. Taxes & Duties: eTAX 3. Immigration Services: Identity Cards and Right of Abode 4. Employment: Looking for a Job 5. Immigration Services: Births, Deaths and Marriage Registration 6. Taxes & Duties: Tax Computation of Salaries Tax and Personal Assessment 7. Culture, Leisure & Sports: Recreation & Sports 8. Immigration Services: Services for Non-permanent Residents 9. Taxes & Duties: Tax Return Filing,	1. Immigration Services: HKSAR Travel Documents 2. Taxes & Duties: eTAX 3. Immigration Services: Identity Cards and Right of Abode 4. Employment: Looking for a Job 5. Immigration Services: Births, Deaths and Marriage Registration 6. Taxes & Duties: Tax Computation of Salaries Tax and Personal Assessment 7. Immigration Services: Services for Non-permanent Residents 8. Culture, Leisure & Sports: Recreation & Sports 9. Taxes & Duties: Tax Return Filing,	1. Taxes & Duties: eTAX 2. Immigration Services: HKSAR Travel Documents 3. Immigration Services: Identity Cards and Right of Abode 4. Employment: Looking for a Job 5. Taxes & Duties: Tax Computation of Salaries Tax and Personal Assessment 6. Immigration Services: Services for Non-permanent Residents 7. Taxes & Duties: Tax Return Filing, Enquiry & Payment 8. Culture, Leisure & Sports: Recreation & Sports

Year	2013-14	2014-15	2015-16 (as at end-February)
	Enquiry & Payment 10. Transport & Motoring: Vehicle Registration & Examination	Enquiry & Payment 10. Transport & Motoring: Driving Licences & Tests	9. Immigration Services: Births, Deaths and Marriage Registration 10. Transport & Motoring: Driving Licences & Tests

(2) The Office of the Government Chief Information Officer (OGCIO) is now revamping the GovHK portal. Besides improving the layout, GovHK will adopt responsive web technology to facilitate smooth public access to government information and use of e-government services on various kinds of electronic devices (such as smart phones and tablets). The revamped portal is expected to be rolled out in the second half of 2016. The estimated manpower and expenditure in 2016-17 is about $2.45 million. Besides, OGCIO commissioned a consultancy to revamp the design of user interface of GovHK in 2015 at the cost of about $0.35 million.

(3) We promote e-government services mainly through the one-stop government portal "GovHK". The portal contains guidelines for e-government services provided by various government departments. This facilitates the public to search and utilise online services, so as to promote the use of e-government services. As the workload involved is absorbed by existing resources, breakdown of expenditure is not available.

(4) OGCIO briefs the Legislative Council Panel on Information Technology and Broadcasting annually on the latest progress on e-government development, including the usage rate of e-government services, utilisation of websites and mobile e-government services, such as the number of government mobile apps and the number of MyGovHK accounts. The public can provide their views on e-government services through various channels, such as by email, phone and 1823 mobile app. Respective departments will follow up as appropriate.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2301)

Head: (47) Government Secretariat : Office of the Government Chief
                       Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the release of public data in digital formats free of charge, please advise on the
following:

(1)   In respect of the data.gov.hk portal, the numbers of hits, numbers of web page visits,
      total numbers of datasets, numbers of data-providing ogranisations, data-providing
      ogranisations (please list out by the number of datasets provided), total numbers of
      datasets (please list out by category in descending order), total numbers of datasets
      provided by government departments and non-government organisations (NGOs),
      distribution of dataset formats (popular formats, please list out in descending order),
      numbers of downloads (please list out in descending order), numbers of
      (Government/non-Government) applications developed by using (data on the)
      data.gov.hk portal in the past 3 years.

(2)   What are the expenditure and manpower required for the setting up of a common
      platform for updating and releasing public sector information (PSI) as well as the
      routine maintenance/system operation in 2015-16?

(3)   The new PSI datasets which are planned to be released in 2016-17 in the table below:

Data-providing Organisation	Government Department/ NGO	Type of Data	Content of Data	File Format	Update Frequency	Start Date

(4)   What are the expenditure and manpower required for civil service training and work
      plans for releasing public data to enhance government efficiency and quality of
      government services in 2016-17?

(5) Does the Government plan to review if the file formats of the datasets are in line with specific commercial standards, e.g. replacing XLS files by CSV files or adopting open standards?   If there are work plans, what are the expenditure and manpower required?

(6) Has the Government formulated any standards and principles on opening up of information, set up a dedicated organisation for the co-ordination and implementation work, and followed the practice of foreign governments to introduce relevant legislation and open licence provision?

(7) Regarding the promotion of opening up more data by public service organisations and commercial organisations, does the Government have any specific plans and targets in 2016-17?   If yes, what are the expenditure and resources required?

Asked by: Hon Charles Peter MOK (Member Question No. 5)

Reply:

The required information is provided as follows:

(1), The figures related to "data.gov.hk" portal are as follows:
(2)
and
(3)

Year	2013-14	2014-15	2015-16 (as at end-February)
Visits	240 000	240 000	380 000
Page views	1 130 000	1 690 000	1 520 000

The "data.gov.hk" portal has more than 6 000 datasets in 18 broad categories provided by various government departments, public bodies and private organisations, covering policy areas such as food, city management, meterology, commerce and industry, development, education, employment and labour, environment, finance, health, housing, IT and broadcasting, law and security, leisure and culture, population, social welfare, transport, etc. The datasets are available in digital formats (including CSV, JSON, RSS, XLS, XML, etc).   Under the prevailing policy, government departments will progressively release Public Sector Information (PSI) in digital formats for free re-use by the public.   Given the vast variety and quantity of the datasets already released and to be released, such data cannot be listed separately.

The cost of developing the revamped portal by the Office of the Government Chief Information Officer (OGCIO) was $1.2 million and the estimated maintenance cost of the portal in 2015-16 is $0.8 million.

(4) OGCIO will continue to organise different forms of training in 2016-17 to brief government departments on the policy of releasing PSI in digital formats and the

detailed technical arrangements for data management.   As the workload involved will be absorbed by existing resources, breakdown of expenditure is not available.

(5)   To support departments in implementing the policy of releasing PSI, OGCIO has provided technical assistance and issued guidelines in early 2015 on the recommended PSI formats (including CSV, JSON, RSS, XLS, XML, etc), data management life cycle and other detailed technical arrangements.

(6)   Release of PSI for value-added re-use is an international trend.   The Government has been releasing free online government information in digital formats from 2015 onwards, with a view to tapping the creativity and ingenuity of the community to develop innovative applications using PSI.   This helps bring convenience to the public and open up new business opportunities.

OGCIO has issued a circular to government departments in early 2015 requesting them to release free online government information in digital formats.   We have also set up a dedicated team and a hotline to provide departments with technical and professional assistance.   The "data.gov.hk" portal has clearly set out the terms and conditions for the use of datasets.

(7)   In addition to the datasets provided by government departments, the "data.gov.hk" portal also makes available datasets collected and processed by public bodies and private organisations, such as datasets about train stations and services from the MTR Corporation Limited, locations of electric vehicle charging stations from the CLP Power Hong Kong Limited, accessible facilities from the Hong Kong Society of Rehabilitation, and property information from the Centaline Property Agency Limited. We will continue to encourage public bodies and private organisations to open up more PSI on the portal.   As the workload involved will be absorbed by existing resources, breakdown of expenditure is not available.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2302)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the mobile websites and mobile applications (apps) developed by government departments and public organisations, please provide information in the following format.

(a)   Please advise on the related information in 2015-16 in the table below:

Mobile Websites

Govt dept	Name	Content and purpose	Developed for specific users? If yes, what are the targets?	Developed for one-off public events? If yes, what are the events?	Mode of development (by internal development or contractors engaged by tender)	Cost (including development and routine maintenance)	Start date, official launch date of the project	Usage as at 29 Feb 2016 (average monthly visits)

Mobile Apps

Govt dept	Name	Content and purpose	Developed for specific users? If yes, what are the targets?	Developed for one-off public events? If yes, what are the events?	Appli-cable platform (e.g. Apple/ Android)	Mode of develop-ment (by internal develop-ment or contractors engaged by tender)	Develop-ment cost	Routine main-tenance cost	Promo-tion expen-diture	Start date, official launch date of the project	Usage as at 29 Feb 2016 (total number of downloads)	Average monthly number of new users last year	Average monthly number of active users last year	Percentage change in the number of downloads over last year (%)

(b) What is the use of expenditure of the "Mobile App Facilitation Unit" in 2015-16? Will it monitor the utilisation of various government mobile apps in 2016-17 for departments to evaluate the cost effectiveness, and examine the integration of mobile apps of different departments and if they should continue with the operation or development of new mobile apps? What are the work plan, timetable and expenditure involved of the Unit in the coming year?

(c) The information of mobile apps to be developed by government departments in 2016-17 (government departments / names of apps / content and purpose / platforms / modes of development / estimated development costs / estimated routine maintenance costs / estimated promotion expenditure / expected launch dates).

Asked by: Hon Charles Peter MOK (Member Question No. 24)

Reply:

The required information is provided as follows:

(a) Information on the mobile websites and apps developed by government bureaux, departments (B/Ds) and public organisations is set out at Annexes A and B respectively.

(b) In 2015-16, to facilitate B/Ds in developing more cost-effective mobile apps, the Mobile App Facilitation Unit (the Unit) published various information and guidelines, including updating a comprehensive practice guide for developing mobile apps, providing experience sharing on procurement and development processes, developed and provided practical app templates for common mobile app features, as well as provided the latest hardware and software for development and testing of mobile apps. The Unit also organised thematic seminars to update officers involved on the latest development and functions of mobile technology so that they could make the best use of it. The expenditure incurred in 2015-16 is about $1.42 million.

In 2016-17, the apps being developed for relevant departments are generally completed. The Unit will continue with its existing support to assist B/Ds in exploring the consolidation of different mobile apps and making the best use of integrated resources, such as mobile app platforms and templates, to enhance the cost-effectiveness of mobile app development. The estimated expenditure incurred by the Unit in 2016-17 is about $1.11 million.

(c) Information on the mobile apps to be developed by B/Ds and public organisations in 2016-17 is set out at Annex C.

Information on the mobile websites developed by government B/Ds and public organisations

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
Architectural Services Department	Tender Notices – Mobile Version	To facilitate enquiries of Tender Notices information by mobile user.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: 1 August 2010 Official launch date: 1 Apr 2011	Around 406
Census and Statistics Department	Census and Statistics Department Mobile Version Website	Provides latest statistics, press releases, statistical publications and tables, etc. for users to browse on mobile devices.	No	No	Developed by a contractor through tendering	Maintained internally and no additional cost was involved.	Project commencement date: 9 March 2012 Official launch date: 29 June 2012	Around 5 150
Civil Service Bureau	Civil Service Bureau and related websites	Contains general information on the policy, organisational structure, latest news and related documents of this bureau.	No	No	Developed by a contractor through tendering	System maintenance cost: $28,000	Project commencement date: January 2012 Official launch date: December 2012	Around 40 878
Commerce and Economic Development Bureau (Commerce, Industry and Tourism Branch)	Retail Manpower Development Portal	To provide information on the career and training opportunities offered by the retail industry.	No	No	Developed by a contractor through tendering	Development cost: $48,100 (Including desktop and mobile versions) Maintained internally and no additional cost was involved.	Project commencement date: 4 May 2015 Official launch date: 30 June 2015	Around 4 903 (Including desktop and mobile versions)
Commerce and Economic Development Bureau (Commerce, Industry and Tourism Branch)	Hong Kong – Asia's Wine Hub	To provide information on Hong Kong's wine business.	No	No	Developed by a contractor selected through open tender	Development cost: $212,000 (Including desktop and mobile versions) Maintained internally and no additional cost was involved.	Project commencement date: 29 September 2015 Official launch date: 4 November 2015	Around 7 505 (Including the desktop and mobile versions)
Commerce and Economic Development Bureau (Communications and Creative Industries Branch)	Digital TV	To provide information to the public on the benefits of digital TV and the implementation of digital terrestrial TV in Hong Kong.	No	No	Developed by contractors through tendering	System maintenance cost: $48,000 (Including desktop and mobile versions)	Project commencement and official launch date: 2006	Not available
Competition Commission	Competition Commission	To disseminate information of the Competition Ordinance and the	No	No	Developed by a contractor through tendering	Development and first-year maintenance cost: $413,000	Project commencement date: mid-August 2015	Around 37, 000 △ (Includin

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
	Website	Competition Commission to the public.				(Including desktop and mobile versions).	Official launch date: 14 December 2015	g both desktop and mobile versions)
Constitutional and Mainland Affairs Bureau	Methods for Selecting the Chief Executive in 2017 and for Forming the Legislative Council in 2016 – Public Consultation	To publicise the Public Consultation on the Methods for Selecting the Chief Executive in 2017 and for Forming the Legislative Council in 2016.	No	Public Consultation on the Methods for Selecting the Chief Executive in 2017 and for Forming the Legislative Council in 2016	Developed by a contractor through tendering	Development cost: $135,000 System maintenance cost: $156,855 (Including both desktop and mobile versions; no separate breakdown is available)	Project commencement date: November 2013 Official launch date: February 2014	Not available ※ (The updating of the website has ceased since 7 August 2015)
Constitutional and Mainland Affairs Bureau	The Basic Law Website	To promote the Basic Law.	No	No	Developed by a contractor	Development cost: $3,000 System maintenance cost: $26,807	Project commencement date: February 2011 Official launch date: May 2011	Not available
Constitutional and Mainland Affairs Bureau	The Office of the Government of the HKSAR in Beijing (Beijing Office)	To disseminate useful information to various parties, including Hong Kong people who are living, studying, working and investing in the Mainland and Hong Kong enterprises thereat. Information is also provided to Mainland enterprises interested in investing in Hong Kong and the Mainland people who are interested in living, studying, working and investing in Hong Kong.	Hong Kong and Mainland people	No	Developed by a contractor	Development cost: Subsumed into the Beijing Office webpage revamp contract: no separate breakdown is available. System maintenance cost: Subsumed into the general information technology service provided by the contractor; no separate breakdown is available.	Project commencement date: June 2013 Official launch date: December 2013	Not available ⊕
Constitutional and Mainland Affairs Bureau	The Hong Kong Economic and Trade Office in	To disseminate useful information to various parties, including Hong Kong people who are living, studying, working and	Hong Kong and Mainland people	No	Developed by a contractor	Development cost: Subsumed into the GDETO webpage revamp contract: no separate breakdown is available.	Project commencement date: January 2014 Official launch date:	Not available ⊕

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
	Guangdong (GDETO)	investing in the Mainland and Hong Kong enterprises thereat. Information is also provided to Mainland enterprises interested in investing in Hong Kong and the Mainland people who are interested in living, studying, working and investing in Hong Kong.				System maintenance cost: Subsumed into the system maintenance service provided by the GDETO website maintenance contractor; no separate breakdown is available.	April 2014	
Constitutional and Mainland Affairs Bureau	The Hong Kong Economic and Trade Office in Shanghai (SHETO)	To disseminate useful information to various parties, including Hong Kong people who are living, studying, working and investing in the Mainland and Hong Kong enterprises thereat. Information is also provided to Mainland enterprises interested in investing in Hong Kong and the Mainland people who are interested in living, studying, working and investing in Hong Kong.	Hong Kong and Mainland people	No	Developed by a contractor	Development cost: Subsumed into the SHETO webpage revamp contract: no separate breakdown is available. System maintenance cost: Subsumed into the general information technology service provided by the contractor; no separate breakdown is available.	Project commencement date: January 2014 Official launch date: April 2014	Not available ⊕
Constitutional and Mainland Affairs Bureau	The Hong Kong Economic and Trade Office in Chengdu (CDETO)	To disseminate useful information to various parties, including Hong Kong people who are living, studying, working and investing in the Mainland and Hong Kong enterprises thereat. Information is also provided to Mainland enterprises interested in investing in Hong Kong and the Mainland people who are interested in living, studying, working and investing in Hong Kong.	Hong Kong and Mainland people	No	Developed by a contractor	Development cost: Subsumed into the CDETO webpage revamp contract: no separate breakdown is available. System maintenance cost: Subsumed into the system maintenance service provided by the CDETO website maintenance contractor; no separate breakdown is available.	Project commencement date: January 2014 Official launch date: March 2014	Not available ⊕
Constitutional and Mainland	The Hong	To disseminate useful information to	Hong Kong	No	Developed by a contractor	Development cost: Subsumed into the	Project commencement	Not available

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
Affairs Bureau	Kong Economic and Trade Office in Wuhan (WHETO)	various parties, including Hong Kong people who are living, studying, working and investing in the Mainland and Hong Kong enterprises thereat. Information is also provided to Mainland enterprises interested in investing in Hong Kong and the Mainland people who are interested in living, studying, working and investing in Hong Kong.	and Mainland people			WHETO webpage development contract: no separate breakdown is available. System maintenance cost: Subsumed into the system maintenance service provided by the WHETO website maintenance contractor; no separate breakdown is available.	date: February 2014 Official launch date: April 2014	⊕
Correctional Services Department (CSD)	Hong Kong Correctional Services (Mobile / Accessible Version)	To revamp the old desktop website by using web accessibility design and adding mobile version to it to provide information on penal management and rehabilitation services of CSD.	No	No	Developed by a contractor through tendering	Development cost: $800,000 (Including both desktop and mobile versions; no separate breakdown is available) System maintenance cost: As the system maintenance cost is absorbed by the existing resources of CSD, no separate breakdown is available.	Project commencement date: Late September 2012 Official launch date: Mid-January 2014	Around 7 826
Create Hong Kong	Create Hong Kong	To introduce to the public of: ● work of Create Hong Kong; ● services offered by Create Hong Kong; and Events organized, sponsored and supported by Create Hong Kong	No	No	Developed by contractors through tendering	2015/16: $16,300	Project commencement date: 19 October 2011 Official launch date: 5 March 2012	Around 5 642
Customs and Excise Department	Customs and Excise Department	To provide the public with up-to-date information of the Department.	No	No	Developed by a contractor through tendering	Development cost: $39,000 System maintenance cost: $36,100	Project commencement date: 26 September 2013 Official launch date: 19 December 2013	Around 17 418
Department of Health (Primary Care	Primary Care Director	Contains practice-based information about	No	No	Developed by a contractor, which is	Development cost and system maintenance cost are	Project commencement date:	Not applicable△

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
Office)	y	different primary care providers (including doctors, dentists and Chinese medicine practitioners) to facilitate the public to search for their own primary care providers.			Hospital Authority	directly funded by Food and Health Bureau to Hospital Authority	7 January 2015 Official launch date: Not officially rolled-out yet (Soft launched on 23 February 2016, tentatively to be launched in mid to late March 2016)	
Department of Health (Oral Health Education Unit)	Oral Health Education Unit	To promote the awareness of oral health, oral hygiene practices and the proper use of oral health care services in Hong Kong.	No	No	Developed by a contractor through tendering	Development cost: $141,100 Routine maintenance cost per year: $16,370	Project commencement date: 2 January 2013 Official launch date: 28 January 2013	Around 1 248
Department of Health (Infection Control Branch)	I pledge to use Antibiotics Responsibly	To raise awareness on the threat of Antimicrobial resistance and the importance of prudent antibiotic use	Healthcare Professionals and Other Allied Healthcare Workers	No	Developed by a contractor through tendering	Development cost: $108,000 System maintenance cost: $15,000 Cost for security risk assessment and audit: $49,152 Cost for privacy impact assessment: $47,910.5	Project commencement date: 31 March 2015 Official launch date: 16 November 2015	Around 2 755⊕
Department of Health (Special Preventive Programme)	21171069.com	To promote knowledge about human immunodeficiency virus (HIV) infection, HIV Antibody Test and safer sex.	Men who have sex with men	No	Developed by contractor through tendering	Development cost: $78,000 System maintenance cost: $30,000	Project commencement date: 7 May 2015 Official launch date: 11 September 2015	Around 1 893⊕
Department of Health (Central Health Education Unit)	Joyful@HK (responsive website)	www.joyfulathk.hk is the thematic website of the "Joyful@HK" Campaign. The Campaign is a three-year territory-wide mental health promotion programme launched by the Department of Health with an aim of increasing the public's engagement in promoting mental well-being and enhancing their knowledge and understanding about	No	No	Developed by a contractor through tendering	Development cost: $142,000 System maintenance cost: $12,000	Project commencement data: 30 September 2015 Official launch date: 29 January 2016	Around 12 278△

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
		mental health.						
Department of Justice	Bilingual Laws Information System	To provide mobile version of the website.	No	No	Developed by a contractor through tendering	Maintained internally and no additional cost was involved	Project commencement date: 17 October 2010 Official launch date: 16 May 2011	Around 115 000
Department of Justice	Department of Justice Website	To provide mobile version of the website.	No	No	Developed by a contractor through tendering	Maintained internally and no additional cost was involved	Project commencement date: 27 June 2012 Official launch date: 5 March 2013	Around 86 745 (Total usage of the website; no separate breakdown for mobile version is available.)
Department of Justice	Standing Committee on Legal Education and Training Website	To provide mobile version of the website.	No	No	Developed by a contractor through tendering	Maintained internally and no additional cost was involved	Project commencement date: 10 October 2012 Official launch date: 22 January 2013	Around 4 078 (Total usage of the website; no separate breakdown for mobile version is available.)
Department of Justice	The Law Reform Commission of Hong Kong Website	To provide mobile version of the website.	No	No	Developed by a contractor through tendering	Maintained internally and no additional cost was involved	Project commencement date: 22 August 2012 Official launch date: 29 January 2013	Around 37 736 (Total usage of the website; no separate breakdown for mobile version is available.)
Drainage Services Department	Drainage Services Department (mobile version)	To facilitate citizens to browse the website with mobile phones or devices.	No	No	Developed by a contractor through tendering	Development cost: $118,000 System maintenance cost: $10,020	Project commencement date: 11 September 2014 Official launch date: 28 April 2015	Around 3 800

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
Education Bureau (EDB)	EDB Website	EDB related information.	No	No	Developed by a contractor	Combined with websites, not separately available.	Project commencement date: November 2011 Official launch date: February 2013	Around 14 439
Education Bureau (Life-wide Learning and Library Section)	e-Navigator	This searching tool helps students search for course information across different local institutions and levels (e.g. degrees, higher diplomas and associate degrees, Yi Jin Diploma and Qualifications Framework) under the New Academic System to assist them in planning for their future studies according to their interest and abilities.	All senior secondary students of Hong Kong	No	Developed by a contractor through tendering	Development cost: $282,800 (Life-wide Learning and Library Section) $468,000 (Information Technology in Education Section) System maintenance cost: $164,000 (Note: e-Navigator contract covers both mobile app and mobile website, therefore this expenditure includes the cost for developing and maintaining e-Navigator app)	Project commencement date: October 2011 Official launch date: 18 May 2012	Around 4 277⊕
Education Bureau (Life-wide Learning and Library Section)	Book Works Reading Site	To enhance students' motivation in reading and to develop their good reading habits.	All primary school students of Hong Kong	No	Developed by a contractor through tendering	Development cost: $300,000 System maintenance cost: $20,000	Project commencement date: 11 November 2013 Official launch date: 19 January 2015	Around 180 941⊕
Education Bureau (Further Education Division)	Concourse for self-financing post-secondary education	To provide information on self-financing post-secondary education sector.	No	No	Developed by a contractor through tendering	Development cost: $274,750 System maintenance cost: $27,475	Project commencement date: February 2014 Official launch date: January 2015	Around 8 000
Electrical and Mechanical Services Department (EMSD)	EMSD Mobile Version Website	Provide the latest public business information of EMSD.	No	No	Developed by a contractor through tendering	Development cost and 2 years of maintenance: $1,430,000 (for desktop and mobile websites)	Project commencement date: 22 September 2014 Official launch date: 20 November 2015	Around 118 810
Electrical and Mechanical Services Department	Energy Label Net	Provide information about the Mandatory Energy Efficiency Labelling Scheme.	No	No	In-house development	Development cost and 1 year of maintenance: $214,000	Project commencement date: 8 April 2015	Around 6 000

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
							Official launch date: 7 September 2015	
Environment Bureau (ENB)	Mobile Version	To provide information of the ENB via mobile devices.	No	No	Developed by a contractor through tendering	Developed together with desktop version. No additional resources involved	Project commencement date: 7 December 2012 Official launch date: 4 March 2014	Around 3 934
Environmental Protection Department (EPD)	Mobile Version	To provide information of the EPD via mobile devices.	No	No	Developed by a contractor through tendering	Developed together with desktop version. No additional resources involved	Project commencement date: 7 December 2012 Official launch date: 16 June 2014	Around 9 773
Environmental Protection Department	Recycling Fund website	To provide the information about the Recycling Fund. Contents of the mobile version are the same as the desktop version.	No	No	Developed by a contractor through tendering	Developed together with desktop version. No separate breakdown is available.	Project commencement date: January 2016 Official launch date: Not yet launched	Not applicable△
Environmental Protection Department	Hong Kong Second-hand Exchange Mobile Version	To facilitate the exchange of unwanted but reusable items for donation or for sale at a nominal charge to help reduce, reuse and recycle waste similar to the desktop version.	No	No	Developed by a contractor through tendering	Development cost: $404,000 System maintenance cost: $183,000	Revamped website Project commencement date: 8 January 2013 Official launch date: 18 August 2014	Around 62 000
Environmental Protection Department	Waste Reduction Website Mobile Version	To provide information about waste generation, reduction, recycling and management in Hong Kong similar to the desktop version.	No	No	Developed by a contractor through tendering	Development cost: $300,000 System maintenance cost: $243,000	Project commencement date: 8 January 2013 Official launch date: 11 February 2015	Over 48 000
Environmental Protection Department	Environmental Protection Department Website Mobile Version for Beach Grading	To provide the beach grading information of the Environmental Protection Department via mobile devices.	No	No	In-house development	Developed in-house together with the EPIC Revamp project, no separate breakdown is available.	Project commencement date: 21 October 2011 Official launch date: 26 July 2013	Around 17
Environmental Protection	Hong Kong	To provide real-time air quality health	No	No	Developed by a contractor	Development cost: $544,000	Project commencement	Around

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
Department	Air Quality Health Index	index recorded at the 12 general and 3 roadside monitoring stations.			through tendering	System maintenance cost: $72,000 (cover both mobile and desktop versions)	date: 2 January 2013 Official launch date: 30 December 2013	36 230 (Include both mobile and Desktop versions)
Environmental Protection Department	Environmental Protection Department Website Clinical Waste Management Website Mobile Version	To provide the common and latest Clinical Waste Management information of the Environmental Protection Department via mobile devices.	No	No	Developed by a contractor through tendering	Developed together with other web pages; no separate breakdown is available.	Project commencement date: 5 November 2013 Official launch date: 24 June 2015	Around 43
Environmental Protection Department	Full Implementation of the Plastic Shopping Bag Charging (PSB)	To provide information of the PSB Charging via mobile devices. It serves to enhance the public's understanding on the PSB Charging and its exemption arrangements.	No	No	Developed by a contractor through tendering	Development cost: Around $17,000 First year system maintenance cost: Around $1,200	Project commencement date: 20 May 2014 Official launch date: 31 October 2014	Around 9 254
Equal Opportunities Commission (EOC)	EOC Mobile Website	An introduction to the EOC, a brief description of the four anti-discrimination ordinances, EOC's latest news, a multimedia centre and a mini-game.	No	No	Developed by a contractor	Development cost: $70,000	Official launch date: June 2013	Around 214
Office of the Secretary for Financial Services and the Treasury	Office of the Secretary for Financial Services and the Treasury Website Mobile Version	To facilitate citizens to browse the website with mobile phones or devices.	No	No	Developed by a contractor	Development cost of mobile website has been included in the total development cost of the Website Revamp Project, which cost $518,000. Maintained internally and no additional cost was involved.	Project commencement date: April 2013 Official launch date: 16 December 2013	Around 10 639
Financial Services and the Treasury Bureau (The Treasury Branch)	Financial Services and the Treasury Bureau (The Treasury Branch) Website Mobile	To facilitate citizens to browse the website with mobile phones or devices.	No	No	Developed by a contractor			Around 3 143

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
	Version							
Financial Services and the Treasury Bureau (The Treasury Branch)	Board of Review (Inland Revenue Ordinance) Website Mobile Version	To facilitate citizens to browse the website with mobile phones or devices.	No	No	Developed by a contractor			Around 4 087
Food and Environmental Hygiene Department	Mobile Version (Food and Environmental Hygiene Department)	To provide a more convenient way to view in mobile devices information of latest news of the department, and common telephone numbers and district environmental hygiene offices.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: December 2010 Official launch date: March 2011	Around 11 010
Food and Environmental Hygiene Department	Centre for Food Safety	To provide a more convenient way to view in mobile devices information of food alerts, activities and latest news and brief provided by the Centre.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: July 2010 Official launch date: October 2010	Around 5 228
Food and Environmental Hygiene Department	Internet Memorial Service	To facilitate the public to pay tribute and show condolence to their beloved who have passed away.	No	No	Developed by contractors through tendering	Development cost: $75,000 System maintenance cost: $25,000	Project commencement date: June 2011 Official launch date: September 2011	Around 1 033
Highways Department	Road Damage or Defect Report (through GovHK website)	To facilitate the general public to raise their views on road maintenance	No	No	In-house development	Development and maintenance costs are covered in the operating cost of the whole departmental website.	Project commencement date: September 2011 Official launch date: December 2011	Around 90
Highways Department	Fault Report on Traffic Signs/Road Markings (through GovHK website)	To facilitate the general public to raise their views on road maintenance.	No	No	In-house development	Development and maintenance costs are covered in the operating cost of the whole departmental website.	Project commencement date: September 2011 Official launch date: December 2011	Around 34
Home Affairs Bureau	Mobile version of Service Corps	To promote and introduce the Service Corps Programme, and to recruit Hong Kong youth aged	No	No	Developed by Contractor	Development cost: $19,800 System maintenance cost:	Project commencement date: October 2015	Around 1 400△

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
	Programme Website	between 18 and 29 to join the programme.				No separate breakdown is available.	Official launch date: February 2016	
Home Affairs Bureau	Mobile version of Public Affairs Forum	To facilitate mobile users to express views on political affairs and public issues in Hong Kong.	No	No	Developed by a contractor through tendering	Development and system maintenance costs: Subsumed in the costs for the corresponding website	Project commencement date: June 2015 Official launch date: April 2016	Not applicable△
Hong Kong Applied Science and Technology Research Institute Company Limited	Hong Kong Applied Science and Technology Research Institute Company Limited	To provide corporate information including events, news, job opportunities, publications and technologies, etc.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: 1 April 2015 Official launch date: 1 September 2015	Around 10 000 (Total usage of the website; no separate breakdown for mobile version is available)
Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI)	ASTRI Innovation Runway Entrepreneurship Fellow Program	To provide information on ASTRI Innovation Runway Program.	Technology entrepreneurs and tertiary students in Hong Kong	Program period from 1 July 2015 to 31 December 2016	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: 1 June 2015 Official launch date: 1 July 2015	Around 1 000⊕※ (Total usage of the website; no separate breakdown for mobile version is available)
Hong Kong Examinations and Assessment Authority (HKEAA)	Hong Kong Examinations and Assessment Authority	To provide information and latest news regarding the HKEAA to candidates and members of the public.	General public, candidates, schools, teachers, examination personnel, and parents	No	Developed by a contractor through tendering	Developed and maintained together with the HKEAA corporate website.	Project commencement date: December 2012 Official launch date: November 2013	Around 6 400⊕
Hong Kong Housing Authority (HA)/ Housing Department (HD)	HA / HD Mobile Website	To provide information regarding the policy and plans of public housing of HA/HD. The mobile version is to allow members of the public to access HA/HD information conveniently and speedily via mobile	No	No	Developed by a contractor through tendering	System maintenance cost: $517,000 (including the desktop and mobile versions, and content management system)	Project commencement date: August 2010 Official launch date: March 2012	Around 48 724

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
		devices.						
Hong Kong Observatory	Hong Kong Observatory Website (Mobile Version)	To provide weather information for mobile users.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: Second half of 2010 Official launch date: Q1 2011	Around 63 000 000
Hong Kong Observatory	Hong Kong Observatory Website (WAP Version)	To provide weather information for WAP mobile users.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: First half of 2001 Official launch date: Late 2001	Around 7 100
Hong Kong Police Force	Police Public Page	To communicate with and disseminate information of the Hong Kong Police Force to the public.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Official launch date: June 1996	Around 406 303
Hongkong Post	Hongkong Post	A mobile version of the Hongkong Post website.	No	No	Developed by a contractor through tendering	Development cost: $95,000 Maintained internally and no additional cost was involved.	Project commencement date: August 2014 Official launch date: October 2015	Around 464 000
Hong Kong Productivity Council (HKPC)	HKPC corporate website	Provide information of HKPC's one-stop industry support services and corporate information.	No	No	Developed by a contractor	Development cost: 250,000 System maintenance cost: 24,000	Project commencement date: October 2014 Official launch date: 1 April 2015	Around 5 200
Hong Kong Tourism Board	Discover HongKong.com	To introduce Hong Kong's attractions, events and festivals, arts and performance, culture and heritage, great outdoors, tours and walks, dine and drink, shopping, useful travel information, cruise travel and travel beyond Hong Kong. DiscoverHongKong.com is the official website of the Hong Kong Tourism Board. The site aims to promote Hong Kong	Potential visitors to Hong Kong	No	Developed by a contractor through tendering	Development cost Frontend Development cost: $1,272,000 Hardware and software cost: $598,000 System maintenance cost: $300,000	Project commencement date: August 2015 Official launch date: February 2016 (First market site) (Other market sites will be rolled out in 2016 in phases)	647 000 △⊕

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
		as a world-class tourist destination, The mobile website provides 11 market versions and in 5 languages.						
Hong Kong Trade Development Council	hktdc.com	Provides a business-matching platform that connects global buyers and suppliers, market intelligence, trade leads and information about business events, etc.	Global buyers, traders, manufacturers, service providers and investors, etc.	No	In-house development and developed by a contractor through tendering	Not available	Official launch date: 2000	Around 5 000 000⊕ (Including both desktop and mobile versions)
Independent Commission Against Corruption (ICAC)	Independent Commission Against Corruption Website (Mobile version)	Provides ICAC information and promotes probity messages.	No	No	Developed by a contractor	Development cost: $160,000 Maintained internally and no additional cost was involved.	Project commencement date: late 2010 Official launch date: Mid-2011	Around 61 000
Independent Police Complaints Council (IPCC)	Independent Police Complaints Council (mobile version)	To provide information of the IPCC via mobile devices. Contents of the mobile version are the same as the desktop version.	No	No	Developed by a contractor through tendering	Development cost: Included in the whole IPCC website revamp project; as it is not an individual project, no separate breakdown is available. Maintained internally and no additional cost was involved.	Project commencement date: 7 October 2014 Official launch date: 27 April 2015	18 497 (Total usage of the website; no separate breakdown for mobile version is available.)
Information Services Department	news.gov.hk	To present government news and information seven days a week in a dynamic multimedia fashion.	No	No	Developed by contractors through tendering	Developed and maintained together with the desktop version. No additional cost was involved.	Project commencement date: September 2008 Official launch date: October 2010	Around 1 730 000 (Including desktop and mobile version)
Information Services Department	brandhk.gov.hk (Mobile Version)	To facilitate citizens to browse the content of brandhk.gov.hk with smartphones or mobile services.	No	No	Developed by a contractor through tendering	Development and system maintenance costs are included in the expenditure of revamping the website.	Project commencement date: December 2009 Official launch date: March 2010	Around 52 500 (Including desktop and mobile version)
Inland Revenue Department (IRD)	IRD Website Mobile Version	The public can obtain a wide range of updated information on Hong Kong	Tax payers, tax represe	No	Developed by a contractor through tendering	Development cost: $300,000 System maintenance	Project commencement date: 1 June 2012	Around 500 000⊕ (Total

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
		taxation and IRD through the Website. Contents of the mobile version are the same as the desktop version.	ntatives and the public			cost: Maintained together with the desktop version. No additional costs were involved.	Official launch date: 14 June 2013	usage of the website; no separate breakdown for mobile version is available.)
Innovation and Technology Bureau (ITB)	Innovation and Technology Bureau	To provide information of the ITB via mobile devices. Contents of the mobile version are the same as the desktop version.	No	No	In-house development	Developed internally and no additional cost was involved. System maintenance cost: $79,950	Official launch date: 20 November 2015	Around 4 502
Innovation and Technology Commission	InnoCarnival	To introduce and promote InnoCarnival activities and encourage participation.	General public, especially youngsters and families	InnoCarnival (Annual event)	Developed by a contractor through tendering	2013-14: $26,000 2014-15: $106,000 (including the cost of revamping the mobile website and adding new functions) 2015-16: $12,000	Project commencement date: 1 April 2013 Official launch date 2013-14: 17 September 2013 2014-15: Late September 2014 2015-16: Late September 2015	2014-15: 376⊕※ (up to 31 August 2015) 2015-16: To be confirmed⊕※
Innovation and Technology Commission	The 31st meeting of the International Organization for Standardization (ISO) Technical Committee 176 (TC 176) Mobile Website	Introduction, meeting schedule, registration, news and transportation arrangement. It also introduced Hong Kong's testing and certification industry to others.	Participants and their respective organisations	ISO/TC 176 annual meeting	Developed by a contractor through quotations	$23,400	Project commencement date: 12 February 2015 Official launch date: 16 June 2015	3 017⊕※ (Total number for the entire period)
Invest Hong Kong	Invest Hong Kong Website Mobile Version	Departmental website.	No	No	Developed by a contractor through tendering	Development cost: $45,000 Maintained internally and no additional cost was involved.	Project commencement date: 9 January 2013 Official launch date: 21 June 2013	Around 41 567
Kwai Tsing District	Kwai Tsing	● To introduce the history, structure and	No	No	Developed by contractors	Development cost: $5,000	Project commencement	Around 1 247

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
Council	District Council Website	terms of reference of Kwai Tsing District Council ● To provide contact information of District Council members ● To introduce Kwai Tsing District Office ● To introduce useful information of Kwai Tsing district, e.g, tourist and transport information To organize an online competition			through tendering	System maintenance cost: $36,000 (Including Website and Mobile website)	date: November 2014 Official launch date: January 2015	
Labour and Welfare Bureau	Women's Commission Website Mobile Version	To facilitate citizens to browse the website with mobile phones or devices.	No	No	Developed by a contractor	Development cost: $77,000 Maintained together with the desktop version. No additional costs were involved.	Project commencement date : 29 October 2014 Official launch date : 13 March 2015	Around 1 500
Labour and Welfare Bureau	Public Engagement Exercise on Retirement Protection	To publicise and enhance public awareness of the public engagement exercise; promote public understanding of the various retirement protection issues; encourage public participation in the public engagement exercise by inviting members of the public to give their views; and keep the public abreast of the latest news and activities and the report on the views collected after the end of the consultation period.	No	No	Developed by a contractor through tendering	Development and system maintenance cost: $100,123 (including the development of non-mobile website and first-year system maintenance of the website)	Project commencement date: October 2015 Official launch date: Late December 2015	Around 25 035△ (Usage as at 31 January 2016) (Figure for February 2016 is not available yet.)
Lands Department	Slope Maintenance Responsibility Information System	Slope Maintenance Responsibility Information System is a web-based mapping application which allows users to view slope location and retrieve slope maintenance responsibility information.	No	No	In-house development	Development cost: Around $4,600,000 System maintenance cost: Around $600,000	Official launch date of the revamped version: 10 Aug 2015	Around 18 320 (Include both desktop and mobile access)
Lands	GeoMob	GeoMobile Map HK	No	No	In-house	Developed and	Official launch	Around

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
Department	ile Map HK	is a mobile mapping service which allows users to view government maps and search for community facilities using smartphones while on the move. GeoMobile Map HK offers a powerful geographic search engine, detailed maps, many useful map tools, etc. Apart from the monthly updated base map, it also integrates geospatial information of public facilities provided by 26 government departments and bureaux.			development	maintained internally. No additional costs were involved.	date: 22 June 2011 Official launch date of the revamped version: 29 May 2015	26 260
Land Registry	Integrated Registration Information System Online Services (Mobile Version)	Search of land records in Hong Kong.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: March 2013 Official launch date: 10 May 2014	Around 545
Legal Aid Department	Mobile Version of Means Test Calculator	The Means Test Calculator provides a means for prospective applicants to conduct a preliminary self assessment of their financial eligibility for legal aid before lodging an application.	No	No	In-house development	Maintained internally and no additional cost was involved.	Project commencement date: 31 May 2011 Official launch date: 20 July 2011	Around 373
Leisure and Cultural Services Department	Multimedia Information System	Provides 24-hour access to digitized resources, including ebooks, images, audio and video materials in the Multimedia Information System (MMIS) portal of the Hong Kong Public Libraries	No	No	Developed by a contractor through tendering	Its development cost was included in the implementation cost of the MMIS Major Upgrade Project. As it is not an individual project, no separate breakdown is available.	Project commencement date: October 2011 Official launch date: August 2013	Around 16 220
Leisure and Cultural Services Department	Hong Kong Public Libraries	Provide accesses to Hong Kong Public Libraries information and services.	No	No	Developed by a contractor	Development and maintenance costs were included in the Hong Kong Public Libraries Portal	Project commencement date: September 2012	Around 37 984

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
						Project; as it is not an individual project, no separate breakdown is available.	Official launch date for mobile version: May 2015 Note: The mobile website is part of the Hong Kong Public Libraries Portal Project. The project commencement date was of the whole project.	
Leisure and Cultural Services Department (LCSD)	Leisure and Cultural Services Department Mobile Website	The mobile website is a simplified version of the LCSD Website to allow public access on mobile devices.	No	No	Developed by a contractor through tendering	Included in the cost of the Web Accessibility of Departmental and Selected Thematic Websites Project and no separate cost information is available.	Project commencement date: 17 May 2012 Official launch date: 21 July 2015	Around 25 913
Leisure and Cultural Services Department	The 5th Hong Kong Games	To provide the 5th Hong Kong games background information, publicity events and competition details in mobile platform.	No	5th Hong Kong Games	Developed by a contractor through tendering	Included in the cost of the Enhancement of the Annual Sports Activities System and development of mobile application for the Hong Kong Games Project and no separate cost information is available.	Project commencement date : 28 October 2013 Official launch date: 19 May 2014	Around 8 542※
Leisure and Cultural Services Department	Hong Kong Archaeological Archive System	A system featuring various archaeological finds in Hong Kong. Photos, artefacts information and interactive 360-degree viewing of selected finds are now made accessible online.	No	No	Developed by contractors through tendering	Subsumed in the system implementation project of the Hong Kong Archaeological Archive System; no separate breakdown is available.	Project commencement date: February 2010 Official launch date: June 2013	Around 42 285 (Include desktop and mobile versions)
Leisure and Cultural Services Department	Hong Kong Traditional Chinese Architectural Information System	Hong Kong Traditional Chinese Architectural Information System provides information on the history and features of some traditional Chinese buildings and villages in Hong Kong. Citizens can search these information using personal computer, Internet-enabled mobile phone and	No	No	Developed by contractors through tendering	Subsumed in the system implementation project of the Hong Kong Traditional Chinese Architectural Information System; no separate breakdown is available.	Project commencement date: October 2003 Official launch date: March 2008	Around 733

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
		tablet via the Internet.						
Leisure and Cultural Services Department	Virtual Heritage Explorer	The "Virtual Heritage Explorer" project provides 360-degree cubical panorama for 63 historic buildings and sites. Citizen can access the system using personal computer, Internet-enabled mobile phone and tablet via the Internet.	No	No	Developed by contractors through tendering	Subsumed in the system implementation project of the Virtual Heritage Explorer; no separate breakdown is available.	Project commencement date: September 2004 Official launch date: July 2007	Around 2 563 (Include desktop and mobile version)
Leisure and Cultural Services Department	Generic Platform for Virtual Reality Touring Programme for Monuments	This platform provides the multimedia information of the restoration of King Yin Lei, including videos, animations, photos, computer graphics and games. Citizen can access the system using personal computer, Internet-enabled mobile phone and tablet via the Internet to understand the restoration process and the restored appearance of King Yin Lei.	No	No	Developed by contractors through tendering	Subsumed in the system implementation project of the Generic Platform for Virtual Reality Touring Programme for Monuments; no separate breakdown is available.	Project commencement date: May 2011 Official launch date: November 2013	Around 266
Leisure and Cultural Services Department	Library Catalogue – Mobile Version	Provides 24-hour library service e.g. searching of library materials and renewal of borrowed items, etc.	No	No	Developed by contractors through tendering	Included in the Replacement of the Library Automation System Project; as it is not an individual project, no separate breakdown is available	Project commencement date: January 2010 Official launch date: December 2011	Around 32 731
Marine Department	Marine Department Website (Mobile Version)	The mobile website enables the public to obtain some information of the Marine Department more quickly and conveniently via mobile device.	No	No	Developed by contractors through tendering	Development cost: Nil (system rolled out in 2010) System maintenance cost: $70,000	Project commencement date: March 2010 Official launch date: October 2010	Around 4 800
Office of the Communications Authority	Communications Authority	Provide information of the Communications Authority to the public.	No	No	Developed by a contractor through tendering	Paid by the Trading Fund of the Office of the Communications Authority.	Project commencement date: March 2011 Official launch date: April 2012	Around 5 196
Office of the Communications Authority	Office of the Communications	Provide information of the Office of the Communications Authority to the	No	No	Developed by a contractor through tendering	Paid by the Trading Fund of the Office of the Communications Authority.	Project commencement date: March 2011	Around 3 870

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
	Authority	public.					Official launch date: April 2012	
Office of the Communications Authority	Smooth Net Surfing	Provide guidance on mobile Internet services, consumer tips and security issues to the public.	No	No	Developed by a contractor through tendering	Paid by the Trading Fund of the Office of the Communications Authority.	Project commencement date: January 2010 Official launch date: April 2010	Around 3 724
Office of the Government Chief Information Officer	Common Chinese Language Interface	Promote the adoption of Chinese Standard for facilitating the public in more effective use of Chinese for electronic communications and information handling.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date : Late April 2013 Official launch date: 30 July 2013	Around 5 306
Office of the Government Chief Information Officer	Cyber Security Information Portal	Promote cyber security related information and best practice.	No	No	Developed by contractor through tendering	Development cost: $186,000 System maintenance cost: $42,500	Project commencement date : September 2014 Official launch date: 28 January 2015	Around 50 866
Office of the Government Chief Information Officer	GovHK (Mobile Version)	GovHK is the one-stop portal of the Hong Kong Special Administrative Region Government, and its mobile version is optimized and simplified so as to make it more suitable for citizens to browse with mobile network and device.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Official launch date: 23 March 2010	Around 677 980
Office of the Government Chief Information Officer	InfoCloud mobile version	InfoCloud is established as a one-stop portal for the general public and enterprises (especially the small and medium-sized enterprises) to effectively access information and resources on cloud computing technologies.	No	No	Developed by a contractor through tendering	Development cost: $52,000 System maintenance cost: $12,000	Project commencement date: 30 October 2012 Official launch date: 5 March 2013	Around 860
Office of the Government Chief Information Officer	International IT Fest 2014	To provide event information and facilitate application.	No	IT Fest (Annual event)	Developed by Contractor through tendering	Development cost is included in the promotion package ·	Project commencement date: 29 October 2013 Official launch	Not available ※

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
							date: 31 December 2013	
Office of the Government Chief Information Officer	International IT Fest 2015/ 2016	To provide event information and facilitate application.	No	IT Fest (Annual event)	Developed by Contractor through tendering	Development cost: $234,000 System maintenance cost: $32,500 (Include desktop and mobile versions)	Project commencement date: 27 October 2014 Official launch date: 31 December 2014	Not available ※
Office of the Government Chief Information Officer	Government Computer Emergency Response Team Hong Kong	Disseminate information on security threats and vulnerabilities, and advisories.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date : February 2015 Official launch date: 18 May 2015	Around 34 738
Office of the Government Chief Information Officer	MyGov HK Mobile version	Users can access various e-government services and receive information and reminders from various B/Ds through the "MyGovHK" e-service.	No	No	Developed by a contractor through tendering	Development and system maintenance costs were included in the expenditure for MyGovHK e-service.	Official launch date: September 2014	Monthly average no. of logins: Around 65 583
Office of the Government Chief Information Officer	Office of the Government Chief Information Officer Mobile Version	The mobile version is designed for viewing on mobile devices. Contents of the mobile version are the same as the desktop version.	No	No	Developed by a contractor through tendering	Development and system maintenance cost were included in the expenditure for Office of the Government Chief Information Officer's website.	Project commencement date: 1 June 2011 Official launch date: 18 December 2011	Around 21 879
Office of the Government Chief Information Officer	SME Cloud Promotion Campaign website	Content: Training programme, cloud competition, success stories of cloud adoption Purpose: To promote cloud computing adoption among small and medium-sized enterprises (SMEs)	SMEs	Promotion Campaign from December 2014 to June 2015	Developed by contractor through quotation	Development cost: $267,750 (Include desktop and mobile versions)	Project commencement date: September 2014 Official launch date: December 2014	Around 2 461⊕※
Office of the Privacy Commissioner for Personal Data	Website of the Office of the Privacy Commissioner	To provide information about personal data privacy protection for the public and organisations.	No	No	Developed by a contractor	Development cost: $280,000 System maintenance cost: $24,000	Project commencement date: January 2014 Official launch date:	Around 48 304

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
	for Personal Data						November 2014	
Planning Department	Planning Department Website	To facilitate citizens to access the activities of the Planning Department and the information on the land use planning in Hong Kong.	No	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: February 2011

Official launch date: August 2011 | Around 2 427 |
| Planning Department | Town Planning Board Website | To facilitate citizens to access the activities of the Town Planning Board and the information on Plan Making and Planning Application. | No | No | In-house development | Developed and maintained internally. No additional costs were involved. | Project commencement date: February 2011

Official launch date: August 2011 | Around 5 227 |
| Planning Department | City Gallery Website | The City Gallery is the first planning and infrastructure gallery in Hong Kong. This website introduces the venue of the City Gallery and exhibitions and other activities held there. | No | No | Developed by a contractor through tendering | Development cost was subsumed in City Gallery mobile apps development; no separate breakdown is available

Maintained internally and no additional cost was involved. | Project commencement date: August 2012

Official launch date: November 2012 | Around 4 250 |
| Planning Department | Statutory Planning Portal 2 Mobile Version | The website shows statutory plan which are recently gazetted and Applications for Planning Permission and Amendment of Plan, as well as Representations/ Objections to Statutory Plans recently considered by the Town Planning Board. | No | No | In-house development | Developed and maintained in-house. No additional costs were involved. | Project commencement date: May 2014

Official launch date: January 2015 | Around 17 383 |
| Rating and Valuation Department | RVD Website Mobile version | Enable citizens to browse the website of the Rating and Valuation Department by mobile device at any time and any place. | No | No | Developed by a contractor | System maintenance cost was included in the expenditure of the Rating and Valuation Department website; no separate breakdown is available. | Project commencement date: 13 December 2011

Official launch date : 17 December 2012 | Around 42 276 |
| Registration and Electoral Office | Online Voter Information Enquiry System (OVIES) | To allow members of the public to check any time whether they are a registered elector and whether their registered address is still their principal place of residence, as well as | Members of the public who are eligible for voter registration | No | In-house development | Development cost: $2,700,000 (2013-16)

System maintenance cost: $440,000 (2015/16) | Project commencement date: October 2013

Official launch date: September 2014 | Not available ⊕ |

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
		their existing constituencies. The OVIES will also provide polling-related information to electors before the polling day of an election.						
Sha Tin District Office	Sha Tin Arts and Culture Promotion Committee Website	● To introduce the work of Sha Tin Arts and Culture Promotion Committee ● To promote and review activities held by the Committee ● To provide a platform for promotion arts and culture activities in Sha Tin ● To present the report on Sha Tin Culture Studies Scheme	No	No	Developed by contractors through tendering	Development cost: $19,700 System maintenance cost per year: $4,820	Project commencement date: December 2013 Official launch date: January 2014	Around 355
Trade and Industry Department	Trade and Industry Department website	The TID Web Portal system is the entry portal of TID to provide trade-related information to the public and the trading community. It also provides e-Services to facilitate authorized users to submit applications online as well as functions to facilitate relevant parties to obtain the necessary information.	No	No	In-house development	Development cost: $18,000 (Including both desktop and mobile versions) System maintenance cost: $56,000 (The cost is to be shared among some other websites of TID.)	Project commencement date: 8 May 2012 Official launch date: 26 February 2013	Around 1 675
Trade and Industry Department	Brand Development and Promotion website	Provides useful information on brand development and promotion, such as funding and various support measures, promotional activities, training opportunities, etc.	No	No	In-house development	Shared the same platform with TID website.	Project commencement date: 8 May 2012 Official launch date: 31 December 2012	Around 365
Trade and Industry Department	Dedicated Fund on Branding, Upgradi	To disseminate information on the BUD Fund (Organisation Support Programme) and to provide public	No	No	In-house development	Shared the same platform with TID website.	Project commencement date: 8 May 2012 Official launch	Around 122

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
	ng and Domestic Sales (BUD Fund) (Organisation Support Programme) Website	e-enquiry service for the public.					date: 31 December 2012	
Trade and Industry Department (TID)	SME Funding Schemes website	To disseminate information on the four Funding Schemes, namely, SME Loan Guarantee Scheme, Special Loan Guarantee Scheme, SME Development Fund and SME Export Marketing Fund.	No	No	Developed by a contractor through tendering	Development cost: $9,000 (including both desktop and mobile versions; shared the same platform with TID website) System maintenance cost: Shared the same platform with TID website.	Project commencement date: 8 May 2012 Official launch date: 28 March 2013	Around 3 141
Trade and Industry Department	Strategic Commodities Control System website	To provide information about Hong Kong's strategic trade control system.	No	No	Developed by a contractor through tendering	Development cost: $16,800 (Including both desktop and mobile versions) System maintenance cost: $52,000	Project commencement date: 8 May 2012 Official launch date: 8 April 2013	Around 559
Trade and Industry Department	Chemical Weapons (Convention) Ordinance Website	To provide information about the implementation of the Chemical Weapons (Convention) Ordinance.	No	No	Developed by a contractor through tendering	Shared the same platform with Strategic Commodities Control System website.	Project commencement date: 8 May 2012 Official launch date: 4 January 2013	Around 159
Trade and Industry Department	SUCCESS Website	Contains a comprehensive range of business information that are of interest to SMEs, including requirements on government licences and permits.	No	No	Developed by a contractor through tendering	Development cost: $39,000 System maintenance cost: $60,000	Project commencement date: 3 December 2012 Official launch date: 30 August 2013	Around 548
Transport Department	Hong Kong eTransport	Public transport route enquiry service.	No	No	Developed by contractors through tendering	Developed and maintained together with the desktop version. No additional costs were involved.	Project commencement date: November 2010 Official launch date: August 2011	Around 51 000
Transport Department	Hong Kong eRouting	Driving route searching service.	No	No	Developed by contractors through	Developed and maintained together with the desktop	Project commencement date:	Around 1 400

Government Department	Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Mode of Development	Development Cost and System Maintenance Cost	Project Commencement Date & Official launch date	Usage as at 29 Feb 2016 (average monthly visits)
					tendering	version. No additional costs were involved.	January 2011 Official launch date: August 2011	
The Treasury	Payment of Government Bills Mobile Version	To facilitate members of the public to understand and provide links for payment methods of various Government bills.	No	No	In-house development	Maintained internally and no additional cost was involved.	Project commencement date: 8 November 2012 Official launch date: 2 January 2013	1 471
Water Supplies Department (WSD)	Water Supplies Department (Mobile version)	Public can browse the common and latest information of WSD via the mobile phone.	No	No	Developed by a contractor	Included in the expenditure of WSD website; separate breakdown is not available.	Project commencement date: 10 October 2008 Official launch date: 18 May 2009	Around 15 053 (as at 31 January 2016)
Working Family and Student Financial Assistance Agency	Sir Edward Youde Memorial Fund	To provide relevant information of the Sir Edward Youde Memorial Fund and enhance its publicity.	Individuals' browsing for updated information of the Fund, its scholarship schemes and sponsorship programme	No	Developed by a contractor	Development cost: As part of the implementation of the website revamp project at a total cost of $362,600; no separate breakdown is available Maintained internally and no additional cost was involved.	Project commencement date for website revamp: 23 January 2015 Official launch date: 1 March 2016	Not applicable△⊕
Working Family and Student Financial Assistance Agency (Working Family Allowance Office)	Low-income Working Family Allowance (LIFA) Scheme	To provide the public with an overview of the Working Family Allowance Office, its businesses, the latest news and information of the LIFA Scheme.	No	No	Developed by a contractor	Development cost and first year of system maintenance: $158,000 (Include both desktop and mobile versions)	Project commencement date: 8 July 2015 Official launch date: 24 November 2015	Around 750
Vocational Training Council	S6 Admission	For full time programmes admission for Secondary 6 students	Applicant of Secondary 6 students and VTC internal students	No	In-house development	Developed and maintained internally. No additional costs were involved.	Project commencement date: August 2015 Official launch date: 29 November 2015	Around 12 375⊕

⊕: Mobile website which targets specific user groups.

※: Mobile website on a one-off public event.
△: Mobile website which has been launched for less than 3 months.

Information on the mobile apps developed by government B/Ds and public organisations (Note)

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Airport Authority	HKG My Flight	Provide passengers with information on flight status and alerts, terminal facilities, map, ground transportation, shopping and dining, carpark, and ferry/coach to mainland China.	Airport Passengers	No	iOS and Android	Developed by a contractor	Around $2,970,000	Around $800,000	Around $300,000	Project commencement date: September 2012 Official launch date: March 2013	605 540⊕	Around 38 931	Around 338% increase
Agriculture, Fisheries and Conservation Department	Enjoy Hiking	The app showcases various hiking trails and routes in Hong Kong. Users can select suitable routes with reference to their interest, physical fitness and experience to enjoy hiking in the countryside of Hong Kong.	No	No	iOS, Android and Windows	Developed by contractors through tendering	$49,600	From 1 April 2015 to 31 October 2015 and from 1 January 2016 to 31 March 2016: One maintenance contract awarded through tendering, covering Enjoy Hiking and Country Parks Tree Walks. Total maintenance cost : $132,683	Nil	Project commencement date: September 2010 Official launch date: December 2010	Around 304 100	Around 2 633	Around 12% increase
Agricultu	Country	The app features 96	No	No	iOS,	Developed by	$615,000		Nil	Project	Around 38	Around 233	Around

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
re, Fisheries and Conservation Department	Parks Tree Walks	species of trees planted along the 16 Tree Walks in country parks with photos, text descriptions and transportation guide. The online Google map function provides the location of the users in real time. Users can also tour a tree walk using the offline maps. The AR mode enables users to locate trees. Simply by inputting a tree name or selecting a month, users can easily find those tree species that are currently in the flowering period with their locations in the Tree Walks.			Android and Windows	contractors through tendering	(Including defect liability, system maintenance and hosting cost for the first year)			commencement date: March 2011 Official launch date: April 2012	100		8% increase
Agriculture, Fisheries and Conservation Department	Hong Kong Wetland Park (HKWP)	The app provides the latest news of HKWP, navigation through HKWP, ticketing and traffic information, multimedia information at points of interests, information about the wildlife and interactive games. The purpose is to facilitate visits to HKWP, enhance public awareness of wetland animals and promote wetland conservation.	No	No	iOS and Android	Developed by a contractor through tendering	$237,300	Maintained internally and no additional cost was involved	Not available	Project commencement date iOS: August 2009 Android: November 2011 Official launch date: iOS: May 2010 Android: May 2012 Off-shelf date:	Around 14 800 (As at 28 February 2015; not including the download figures for iOS platform) Off-shelf date: March 2015	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
										March 2015			
Agriculture, Fisheries and Conservation Department	Reef Check Hong Kong	Citizens may use this app to browse the coral coverage rate of the 33 survey sites in the eastern waters of Hong Kong as well as the distribution and photos of 48 indicator species including reef building corals, fish and invertebrates.	No	No	iOS and Android	Developed by a contractor through tendering	$94,950	$8,800	Nil	Project commencement date iOS: August 2011 Android: April 2012 Official launch date iOS: December 2011 Android: November 2012	Around 5 300	Around 67	Around 18% increase
Agriculture, Fisheries & Conservation	Red Tide Information Network	The app provides smartphone users with the updated information of red tide and allows them to report red tide sighting instantly. Connected to the "Hong Kong Red Tide Database", the App enables users to retrieve records of red tide species in Hong Kong with photos and text descriptions. Besides, through the App which links up to the 24-hour real-time water quality monitoring system at fish culture zones, users may browse the latest data on	Local mariculturists and public interested in red tide. e.g. scientific researcher.	No	iOS and Android	Developed by a contractor through tendering	$128,000	$13,000	Not available	Project commencement date: October 2012 Official launch date: January 2014	Around 1 200⊕	Around 42	Around 98% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		water quality easily and expeditiously.											
Architectural Services Department (ArchSD)	Architour	Through demonstrating some examples, this app aims to enhance citizens' understanding and interest in public buildings, and encourage them to participate in the guided tours as well as exchange and share related information. The content includes general information, concept of design, photos, videos, location and other relevant information of some ArchSD projects.	No	No	iOS and Android	Developed by contractors through tendering	i) Development cost (Excluding part ii): Phase 1: $257,000 Phase 2: $289,000 ii) Videos and write ups for shared-use by the mobile apps, ArchSD internet, ArchSD YouTube, running design awards organised by the industry, etc. Phase 1: $160,000 Phase 2: $340,000	Annual fee for iOS platform: $788 For first year maintenance after official launch (Subsequent yearly maintenance will be undertaken by internal resources): Phase 1: $30,000 Phase 2: $30,000	Not applicable	Project commencement date Phase 1: September 2012 Phase 2: January 2014 Official launch date Phase 1: May 2013 Phase 2: October 2014	3 461	Around 64	Around 29% increase
Buildings Department	Quick Guide for Minor Works	To provide the public with a handy way to access information about the procedures and requirements for carrying out minor works. To allow users to easily identify class/type/item of minor works, provide search function on the	No	No	iOS and Android	Developed by a contractor through tendering	$289,800	$68,500	Nil	Project commencement date iOS: 1 March 2014 Android : 25 July 2014 Official launch date iOS:	10 659	Around 467	Around 111% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		registers of building professional/contractors; and to provide information on Validation Schemes for Household Minor Works and Unauthorised Signboards, and Designated Exempted Building Works.								25 September 2014 Android: 31 October 2014			
Buildings Department	Signboard Report Pilot System	Provide a convenient mobile app for reporting dangerous/abandoned signboards by BD staff and appointed student pioneers.\n\nThe mobile app includes GPS and photo-taking features for recording and reporting dangerous/abandoned signboards.	Only provided for BD staff and appointed student pioneers download and use.	No	iOS and Android	Developed by a contractor through tendering	$149,000	System maintenance cost for 6 months: $12,000\n\nLicense Subscription for 6 months (30 users) : $20,700	Nil	Project commencement date: 23 December 2014\n\nOfficial launch date: 12 February 2015	591⊕	Around 47	Around 2 011% increase
Civil Aviation Department (CAD)	51st Asia/Pacific Directors General of Civil Aviation (DGCA) Conference Information Centre	Provided participants of the 51st DGCA Conference, held at the CAD headquarters, with related information such as agenda, working papers, announcement and transportation arrangement etc.	Participants of the 51st DGCA Conference	51st DGCA Conference	iOS and Android	In-house development	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Nil	Official launch date: 19 October 2014\n\nOff-shelf date: 1 December 2014	220⊕※\n\nOff-shelf date: 1 December 2014	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Civil Engineering and Development Department	HK Geology	To give a simplified account of the geology of Hong Kong as a reference tool in the field, which is useful for geotechnical practitioners as well as teachers, students and members of the public.	No	No	iOS and Android	In-house development	Around $1,000	Around $800	Nil	Project commencement date: January 2012 Official launch date: March 2013	4 128	Around 66	Around 24% increase
Civil Engineering and Development Department	HK Landslides	Electronic version of the book "When Hillsides Collapse – A Century of Landslides in Hong Kong". It documents the many notable historic landslide events in Hong Kong and provides a visual reminder for the public the potential for landslides to wreak havoc in Hong Kong. It also serves as one of our public education initiatives.	No	No	iOS and Android	In-house development	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Nil	Project commencement date: January 2013 Official launch date: February 2014 Off-shelf date (Android): March 2016	1 072 (Android version was off-shelved in March 2016)	Around 13	Around 18% increase
Civil Engineering and Development Department	HK Slope Safety	Serves as a platform for the public to look for the important information on slope safety, landslip warning and associated precautionary measures, slope maintenance and Dangerous Hillside Order.	No	No	iOS and Android	In-house development	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Nil	Project commencement date: November 2013 Official launch date: February 2015	467	Around 32	Around 470% increase Note: This App was launched in February 2015.
Civil	Greener	To promote the	No	No	iOS	In-house	Developed and	Developed and	Nil	Project	41	Not	Not

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Engineering and Development Department	Slopes Better Cityscape	successful example of landscape treatment for slopes under the Landslip Preventive Measures Programme/ Landslip Prevention and Mitigation Programme.				development	maintained internally. No additional costs were involved.	maintained internally. No additional costs were involved.		commencement date: August 2015 Official launch date: October 2015		applicable	applicable
Civil Service Bureau	Government Vacancies	To facilitate the public to browse or search for information of government vacancies by mobile communication devices.	No	No	iOS and Android	Developed by a contractor through tendering	$980,000	As the maintenance service provided by a contractor has covered other systems, no separate breakdown on an individual system is available.	We have made use of existing channels (e.g. CSB's website, government vacancy advertisements) for promotion. No additional expenditure is involved.	Project commencement date: June 2013 Official launch date iOS: 11 September 2015 Android: 8 July 2015	77 329	Not applicable (The app was launched AFTER 28 February 2015)	Not applicable
Constitutional and Mainland Affairs Bureau	Mobile Application for Promotion of Children's Rights	E-book of the Convention on the Rights of the Child, including a full version and a child-friendly version of the Convention; Second Report of the Hong Kong Special Administrative Region under the Convention; and a game related to the Convention. To facilitate users of smartphones and tablets to use and receive	Children groups and community organisations promoting children's rights	No	iOS and Android	Developed by a contractor	$448,000 (Including system maintenance for the first year)	Nil	Nil (Included in the development cost)	Project commencement date: January 2013 The app became available for public download in July 2014. Off-shelf date: October 2015	140⊕ Off-shelf date: October 2015	Not applicable	Around 268% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		messages regarding the Convention.											
Constitutional and Mainland Affairs Bureau	A Basic Law Quiz A Day	To enhance the general public's knowledge and understanding of the Basic Law and to allow viewing of the Basic Law articles and related materials.	No	No	iOS and Android	Developed by a contractor	$296,000 (Development cost and system maintenance cost cannot be separately singled out and itemised)	Development cost and system maintenance cost cannot be separately singled out and itemised.	The app was promoted in other Basic Law promotion activities. Promotion expenditure cannot be separately singled out and itemised.	Project commencement date: March 2015 Official launch date: July 2015	5 640	Not applicable	Not applicable
Constitutional and Mainland Affairs Bureau	Basic Law Genie	To enhance the general public's knowledge and understanding of the Basic Law and to allow viewing of the Basic Law articles and related materials.	No	No	iOS and Android	Developed by a contractor	$1,075,750 (Development cost, system maintenance cost and promotional expenditure cannot be separately singled out and itemised)	Development cost, system maintenance cost and promotional expenditure cannot be separately singled out and itemised.	Development cost, system maintenance cost and promotional expenditure cannot be separately singled out and itemised.	Project commencement date: August 2013 Official launch date: March 2014 Off-shelf date: June 2015	7 121 Off-shelf date: June 2015	Not applicable	Not applicable
Constitutional and Mainland Affairs Bureau	《基本法》保衞戰 (An app on Basic Law)	To enhance the general public's knowledge and understanding of the Basic Law and to allow viewing of the Basic Law articles and related materials.	No	No	iOS and Android	Developed by a contractor	$918,000 (Development cost, system maintenance cost and promotional expenditure cannot be separately singled out and itemised)	Development cost, system maintenance cost and promotional expenditure cannot be separately singled out and itemised.	Development cost, system maintenance cost and promotional expenditure cannot be separately singled out and itemised.	Project commencement date: August 2012 Official launch date: February 2013 Off-shelf date: February 2014	5 584 Off-shelf date: February 2014	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Construction Industry Council	Zero Carbon Building (ZCB)	This App is used for Quick Response Code reading to get the information of features of ZCB in a portable way.	Visitors of the ZCB	No	iOS and Android	Developed by a contractor, a local small and medium enterprise, through tendering	$200,000	No routine cost; upgrade and maintenance on a need basis	Not applicable	Project commencement date: June 2012 Official launch date: October 2013	431⊕	Not applicable	Not applicable
Construction Industry Council	Jobsnet	This App provides online construction employment platform for construction job searching.	Job seekers who would like to find a job in the construction industry	No	iOS and Android	Developed by a contractor, a local small and medium enterprise, through tendering	$125,000	No routine cost; upgrade and maintenance on a need basis	Not applicable	Project commencement date: April 2011 Official launch date: September 2011	12 892⊕	Around 393	Around 58% increase
Construction Industry Council	Trade test	This App provides instant trade test enrollment channel for construction industry workers.	Trade test applicants	No	iOS and Android	Developed by a contractor, a local small and medium enterprise, through tendering	$616,500	Under warranty	Not applicable	Project commencement date: March 2015 Official launch date: June 2015	1 643⊕	Not applicable	Not applicable
Consumer Council	The Oil Price Calculator	"The Oil Price Calculator" provides the latest price and related information on auto-fuel (unleaded gasoline) in the market according to the personalised data input by consumers, thus facilitates consumers to	Gasoline car drivers	No	iOS and Android	Developed by a contractor through tendering. The contractor is a local small and medium	$86,800	$35,000	Nil	Project commencement date: 13 October 2011 Official launch date iOS:	22 316⊕	Around 304	Around 20% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		make informed decisions.				enterprise.				20 July 2012 Android: 26 November 2012			
Consumer Council	The Diesel Price Calculator	"The Diesel Price Calculator" provides the latest price and related information on auto diesel fuel in the market according to the personalised input by consumers. It also provides detailed information on filling stations (e.g. facilities and services provided), thus facilitating consumers to make informed decisions.	Diesel car drivers	No	iOS and Android	Developed by a contractor through tendering. The contractor is a local small and medium enterprise.	$350,000	$70,000	Nil	Project commencement date: 17 March 2014 Official launch date 5 February 2015	1 037⊕	Around 33	Around 63% increase
Correctional Services Department	Hong Kong Correctional Services Department Mobile App	To enhance communication with all sectors of the community. It enables the public to receive the latest and important information of the Department (including the locations and visiting hours of correctional facilities as well as travel routes), and learn more about the Department.	No	No	iOS and Android	Developed by contractors through tendering	$308,000	$80,000	Not applicable	Project commencement date iOS: 6 June 2014 Android: 9 October 2013 Official launch date: 16 February 2015	5 987	Around 444	Around 813% increase
Create Hong Kong	Inspiration Sparks HK	To supplement the other elements of the Inspiration Sparks HK campaign which was	No	Inspiration Sparks HK campaign	iOS and Android	Developed by a local contractor (a small and	$280,000	Not applicable	The mobile apps was part of the Inspiration	Project commencement date: 22 November	772※ Off-shelf date:	Not applicable	Not applicable

Governm ent Departm ent	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commenceme nt Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloa ds over Last Year (%)
		launched to promote awarded local creative talents and the talent development initiatives organised, sponsored and supported by Create Hong Kong.				medium enterprise) through tendering			Sparks HK campaign and hence it was promoted under the campaign as a whole. No separate expenditure was dedicated to promote the mobile apps.	2012 Official launch date: 30 March 2013 Off-shelf date: 29 March 2014	29 March 2014		
Customs and Excise Departme nt	HK Car First Registrati on Tax	To provide the public with information on the motor vehicle first registration tax.	No	No	iOS and Android	Developed by contractor through tendering	$230,000	$23,000	Not applicable	Project commencement date: February 2014 Official launch date: 30 May 2014	5 024	Around 228	Around 119% increase
Departme nt of Health (Student Health Service)	Student Body Weight for Height Check	A tool for students to check their body weight for height and monitor their growth. It also provides health tips on diet and physical activities.	Primary and seconda ry school students	No	iOS and Android	Developed by contractor through tendering	(Including system maintenance for the first 6 months) iOS (Chinese version): $148,000 iOS (English version) and Android (English and Chinese version): $138,000	$36,000	Promotion (mainly using established networks with no extra cost) to the general public to use this app.	Project commencement date iOS (Chinese version): 28 March 2013 iOS (English version) and Android (English and Chinese version): 15 July 2014 Official launch	15 585⊕	Around 545	Around 72% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
										date iOS (Chinese version): 16 December 2013 iOS (English version) and Android (English and Chinese version): 9 February 2015			
Department of Health (Primary Care Office)	Primary Care Directory	Contains practice-based information about different primary care providers (including doctors, dentists and Chinese medicine practitioners) to facilitate the public to search for their own primary care providers.	No	No	iOS and Android	In-house development	Around $840,000 (Around $140,000 paid by the Primary Care Office; whereas around $700,000 was paid by the Office of the Government Chief Information Officer)	$50,000	Promotion (mainly using established networks with no extra cost) to both the general public to use the Directory and health professionals to enrol as Service Providers.	Project commencement date: 17 January 2013 Official launch date: 22 August 2013	17 787	Around 645	Around 77% increase
Department of Health (Primary Care Office)	Framework@PC (English version only)	Provides healthcare professionals with evidence-based recommendations on hypertension and diabetes care, as well as preventive care for children and older adults in primary care settings	Healthcare professionals	No	iOS and Android	Developed by a contractor	$196,000	$69,896	There is no expenditure information specific to the promotion of this app.	Project commencement date iOS: 11 July 2012 Android: 28 November 2013	1 323⊕	Around 44	Around 66% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		in Hong Kong. Also provides alerts on important primary care related notices issued by the Department of Health.								Official launch date iOS: 9 September 2013 Android: 28 July 2014			
Department of Health (Infection Control Branch)	IMPACT (English version only)	IMPACT is a mobile app to provide "Reducing bacterial resistance with IMPACT guidelines". This apps has search function. Users can use this app to browse the guidelines uploaded by the Clusters of Hospital Authority and to perform calculator functions using pre-set medical formulae. This app aims to enhance the awareness of medical staff on using antibiotics and is a very important reference.	Clinicians	No	iOS and Android	Developed by a contractor through tendering	$146,250	$15,000 Cost for Security Risk Assessment and Audit: $32,952.75	There is no expenditure information specific to the promotion of this app.	Project commencement date iOS: 25 October 2012 Android: 1 February 2013 Official launch date iOS: 5 February 2013 Android: 8 May 2013	9 478⊕	Around 144	Around 22% increase
Department of Health (Special Preventive Programme)	1069 試戴樂 (Chinese version only)	Promote Human Immunodeficiency Virus Antibody Test and safer sex.	Men who have sex with men	No	iOS and Android	Developed by contractors through tendering	$148,230	$53,400	$159,918	Project commencement date: 9 November 2011 Official launch date iOS : 23 April 2012 Android: 24 April 2012	25 544⊕	Around 149	Around 8% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Department of Health (Central Health Education Unit)	Snack Nutritional Classification Wizard	By inputting product information of prepackaged snacks, consumers will know whether the product conforms to healthy eating principles. By doing so, the Wizard enables health conscious people to make healthy choices.	No	No	iOS and Android	Developed by a contractor through tendering	iOS $20,000 Android $64,000	iOS $3,600 Android: Included in development cost	The promotion expenditure cannot be separately identified as it is absorbed by the overall provision for health promotion.	Project commencement date iOS: 2 August 2011 Android: 13 September 2013 Official launch date iOS: 21 March 2012 Android: 7 January 2014	7 813	Around 84	Around 15% increase
Department of Health (Central Health Education Unit)	CookSmart (Removed from App Store in December 2015 as replaced by "CookSmart: EatSmart Recipes")	"CookSmart" magazine puts together selected recipes contributed by chefs from EatSmart Restaurants and the locations of the EatSmart Restaurants. It facilitates health conscious people to eat healthily whether at home or when dining out.	No	No	iOS	Developed by a contractor through tendering	$257,500	$34,800	The promotion expenditure cannot be separately identified as it is absorbed by the overall provision for health promotion.	Project commencement date: 17 September 2014 Official launch date: 8 June 2015 Off-shelf date: December 2015	1 912 Off-shelf date: December 2015	Not applicable	Not applicable
Department of Health (Central Health Education Unit)	CookSmart: EatSmart Recipes	"CookSmart: EatSmart Recipes" mobile application allows users to view the CookSmart magazine as well as access to over 200 EatSmart recipes on	No	No	iOS and Android	Developed by a contractor through tendering			The promotion expenditure cannot be separately identified as it is absorbed	Project commencement date iOS: 17 September 2014 Android:	22 408△	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		users' mobile device.							by the overall provision for health promotion.	7 August 2015 Official launch date: 23 December 2015			
Department of Health (Central Health Education Unit)	EatSmart Restaurant	"EatSmart Restaurant" mobile application contains information of all EatSmart restaurants in Hong Kong. Through its simple search engine and GPS navigation, users can find their favourite ones instantly.	No	No	iOS and Android	Developed by a contractor through tendering	$76,000	$15,600	The promotion expenditure cannot be separately identified as it is absorbed by the overall provision for health promotion.	Project commencement date: 6 November 2014 Official launch date iOS: 24 June 2015 Android: 30 March 2015	12 119	Not applicable	Not applicable
Department of Health (Tobacco Control Office)	Quit Smoking App	For Quitters This app provides a wealth of information on quitting smoking, and introduces quitting methods as well as offers users tips to cope with withdrawal symptoms through video clips featuring local celebrities. The app also offers appropriate quitting advice, keeps track of their quitting progress and issues regular reminders according to their smoking habit.	No	No	iOS and Android	Developed by a contractor through tendering	$294,700	$58,800	Tobacco Control Office promotes smoke-free culture through publicity and health education. Information related to the mobile app is included in the website, Announcements in the Public	Project commencement date iOS: March 2011 Android: March 2012 Official launch date iOS: August 2011 Android: August 2012	41 619	Around 314	Around 10% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		For Non-smokers Non-smokers can learn more about quitting smoking and recommend the app to their family and friends.							Interest, press release, health promotion materials whenever feasible. As such, the promotion expenditure cannot be separately identified.				
Department of Health (Chinese Medicine Division)	Hong Kong Chinese Materia Medica Standards (HKCMMS)	Content: HKCMMS Volume I which includes nine monographs of CMM. Purpose: To facilitate the Chinese medicines trade, profession and research institutes to access the information.	Chinese medicines traders, Chinese medicine professionals, testing and certification sector and research institutes (both local and overseas)	No.	iOS	Developed by a contractor through tendering	$100,000	$110,000 (System maintenance cost from January 2015 to January 2016)	Absorbed by the existing provision. Breakdown is not available.	Project commencement date: 23 June 2011 Official launch date: 11 November 2011	13 470⊕ (As at 31 January 2016)	Around 116	Around 10% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Department of Health (Family Health Service)	Info for Nursing Mum	Content: Breastfeeding policy, infant and young child feeding, questions & answers on breastfeeding and community resources Purpose: To provide latest information on breastfeeding.	No	No	iOS and Android	In-house development	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Absorbed by existing resources	Project commencement date: 4 December 2014 Official launch date iOS: 24 February 2016 Android: 19 February 2016	9△ (The app was just launched in mid-February 2016)	Not applicable	Not applicable
Development Bureau (DEVB)	Build Up Hero	DEVB, in collaboration with the Construction Industry Council, introduced the "Build Up" Publicity Campaign to attract new blood to join the construction industry. In this "Build Up Hero" iPhone apps, which was an initiative under the Campaign, the work processes in the construction industry were turned into interesting animation games to allow users to try out activities like surveying, bar fixing, formwork and concreting.	No	No	iOS	Developed by a contractor through tendering	$250,000	Maintained internally and no additional costs were involved.	Not applicable	Project commencement date: 1 May 2011 Official launch date: 15 December 2011 Off-shelf date: 1 May 2014	1 438 Off-shelf date: 1 May 2014	Not applicable	Not applicable
Development	Tree & Landscap	This app aims to highlight the greening	No	No	iOS and Android	Developed by a contractor	Development cost	Maintained internally and	$16,233	Project commencement	5 181	Around 112	Around 35%

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Bureau	e Map	and landscape assets in different parts of Hong Kong, so as to promote the understanding, appreciation and enjoyment of open spaces and trees by the general public. Users can use the different search functions in the app to preview and plan their tree and landscape visits, as well as save and share their favourite items.				through tendering	iOS: $207,000 Android: $75,300 Revamp versions: $132,000	no additional costs were involved.		date iOS: 22 March 2012 Android: 17 July 2013 Revamp versions: 19 September 2014 Official launch date iOS: 14 October 2012 Android: 3 December 2013 Revamp versions: 21 January 2015			increase
Development Bureau (In collaboration with Construction Industry Council)	Working at Height Training	This game serves as a safety training tool for construction workers. The game is divided into two parts. In the first part, the player needs to identify seven working-at-height hazards in a building construction site and select the necessary safety precautionary measures for each of the hazards. In the second	All practitioners of construction industry involved working at height	No	iOS	Developed by a contractor through tendering	$160,000	Maintained internally and no additional costs were involved	In-house promotion	Project commencement date: 28 March 2013 Official launch date: 27 May 2013	2 502⊕	Around 42	Around 25% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		part, the player is required to erect a metal scaffold according to a safe working sequence. The player is also required to answer some questions about various requirements of a properly erected metal scaffold.											
Development Bureau (In collaboration with Construction Industry Council)	Construction Safety App	To establish a single hub of major construction safety related information for all levels of practitioners.	All practitioners of construction industry	No	iOS and Android	Developed by a contractor through tendering	$883,400 (Including maintenance for first two years)	Not applicable for first two years, then maintained internally and no additional costs would be involved.	In-house promotion	Project commencement date: 25 February 2015 Official launch date: 27 May 2015	9 450⊕	Not applicable	Not applicable
Drainage Services Department (DSD)	DSD Connect	DSD Connect provides a fast and convenient way for citizens to access information about the department.	No	No	iOS and Android	Developed by a contractor through tendering	$170,000	Maintained internally and no additional costs were involved.	Nil	Project commencement date iOS: 21 November 2012 Android: 3 April 2013 Official launch date iOS: 9 January 2013 Android: 14 June 2013	2 235	Around 36	Around 24% increase
Education	Hearing-I	Content:	Senior	No	iOS and	Developed by	Development	Not applicable	Not	Project	1 814⊕	Around 87	Around

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Bureau (Speech and Hearing Services Section)	mpaired Students' Lexicon Learning	It includes 4 video clips and 3 interactive games of 4 phonological-related domains. Purpose: Aim at enhancing the understanding of the orthographic-phonological -semantic relationship of Chinese characters by encouraging students with hearing-impairment in senior primary and junior secondary school levels to utilize their residue hearing and to use visual strategies, etc. when learning Chinese lexicon.	primary /junior secondary students with hearing impairment, parents, teachers and professionals		Android	a contractor through tendering (Local small and medium enterprise.)	cost: $170,000* (*Part of the development cost of a resource package on Hearing-Impaired Students' Lexicon Learning and 12-month maintenance cost.)		applicable	commencement date: December 2012 Official roll out date: April 2014			135% increase (Last year's number of download is 773)
Education Bureau (Kindergarten Administration Section)	Profile of Kindergartens or Kindergarten-cum-child care centres 2015	To enhance the transparency of kindergartens and provide relevant information to facilitate parents to make informed choices for their children.	No	No	iOS and Android	Developed by a contractor through tendering	The development cost of this mobile app was subsumed in the cost of the whole project on the KG Profile. As it is not a stand-alone project, breakdown is not available. (Total cost of the project on KG Profile: $562,000)	The system maintenance cost of this mobile app was subsumed in the project on KG Profile. As it is not a stand-alone project, breakdown is not available.	Not applicable	Project commencement date: January 2015 Official launch date: September 2015	Not available (The figure will be provided by the contractor through a report of the project at the end of the 2015/16 school year.)	Not applicable	Not applicable
Education	ApL App	Purpose:	Student	No	iOS and	Developed by	$216,500	$46,000	Not	Project	9 168⊕	Around 110	Around

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Bureau (Applied Learning Section)		Let students, parents, teachers and schools understand the curriculum of Applied Learning and help students choose suitable courses. Content: Information on courses of Applied Learning, Snapshots of students' sharing, Frequently Asked Questions and What's New, etc.	s, parents, teachers and schools		Android	a contractor through tendering			applicable.	commencement date: May 2011 Official launch date: 5 September 2011			17% increase
Education Bureau (Curriculum Resources Section)	ETV App	It provides a convenient platform for students, teachers and parents to view about 800 programmes related to the current curriculum, broadcasting schedule, latest information, information of ETV, etc. at anytime and anywhere.	No	No	iOS and Android	Developed by a contractor through tendering	$48,800	$90,000 (Including ETV website and mobile application. No separate breakdown is available.)	Not applicable	Official launch date: 1 December 2012	31 061	Around 1 103	About 74% increase
Education Bureau (Life-wide Learning and Library Section)	e-Navigator	This career exploration tool helps students search for course information across different local institutions and levels (e.g. degrees, higher diplomas and associate degrees, Yi Jin Diploma and other programmes from the Qualifications Register) under the new	All senior secondary students of Hong Kong	No	iOS and Android	Developed by a contractor through tendering	Life-wide Learning and Library Section: $282,800 Information Technology in Education Section: $468,000	$164,000 (Note: e-Navigator contract covered both mobile app and mobile website, therefore, the expenditure above included	2013/14: $12,600 2014/15: $5,600 2015/16: $5,900	Project commencement date: October 2011 Official launch date: 18 May 2012	125 503⊕	Around 1 714	Around 20% increase

Governm ent Departm ent	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commenceme nt Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloa ds)	Average Monthly Number of New Users Last Year	Change in the Number of Downloa ds over Last Year (%)
		academic system to assist them in planning for their future studies according to their interests and abilities.					(Note: e-Navigator contract covered both mobile app and mobile website, therefore, the expenditure above included the cost for developing e-Navigator mobile website.)	the cost for maintaining e-Navigator mobile website.)					
Education Bureau (Native-s peaking English Teacher (NET) Section)	Reading Town 1	Short story and phonics books with interactive features to develop P1 students' interest in reading and their literacy skills and to support the piloting of a primary literacy programme designed by the NET Section.	P1 students requirin g support for develop ment of their literacy skills	No	iOS and Android	Developed by a contractor through tendering	$395,000	No additional cost is involved	No additional expenditure (Promoting through ongoing school-based support to schools)	Project commencement date: 1 April 2014 Official launch date: 16 May 2015	21 176⊕	Not applicable	Not applicabl e
Education Bureau (Native-s peaking English Teacher (NET) Section)	Reading Town 2 & 3	Short story and phonics books with interactive features to develop P2 & P3 students' interest in reading and their literacy skills and to support the piloting of a primary literacy programme designed by the NET Section.	P2 & P3 students requirin g support for develop ment of their literacy skills	No	iOS and Android	Developed by a contractor through tendering	$920,000	No additional cost is involved.	No additional expenditure (Promoting through ongoing school-based support to schools)	Project commencement date: 24 October 2014 Official launch date: 1 October 2015	Reading Town 2: 5 752⊕ Reading Town 3: 3 304⊕	Not applicable	Not applicabl e

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Education Bureau (Personal, Social and Humanities Education Section)	E-book of Understanding the Law, Access to Justice – Basic Law Learning Package (Junior Secondary)	The Learning Package aims to help students grasp the knowledge of the Basic Law and foster their generic skills of thinking and problem solving. It comprises ten units, covering the Preamble, Articles and Annexes of the Basic Law as well as specific areas related to the Basic Law, and three enrichment units, to cater for students' diverse needs.	Mainly secondary school teachers and students	No	iOS and Android	Developed by a contractor through tendering	Separate development cost is not available as it is developed as a part of the e-book and e-portal.	Separate system maintenance cost per year is not available as it is developed as a part of the e-book and e-portal.	Not applicable.	Project commencement date: 26 January 2015 Official launch date iOS: 29 June 2015 Android: 15 June 2015	1 985⊕	Not applicable	Not applicable
Education Bureau (Further Education Division)	Mobile App for Concourse and E-APP	To provide information on the Concourse for the self-financing post-secondary education and Electronic Advance Application System for Post-secondary Programmes (E-APP)	No	No	iOS and Android	Developed by a contractor through tendering	$274,750	$27,475	Not applicable	Project commencement date: February 2014 Official launch date: January 2015 E-APP feature: December 2015	Around 5 000	Not applicable	Not applicable
Education Bureau (Quality Education Fund)	QEF ebook	Content: To support students with special educational needs (SEN), eight sets of e-deliverables are developed covering six areas, namely Autism Spectrum Disorders, Intellectual Disability,	Students with specific special educational needs (SEN)	No	iOS and Android	Developed by contractors through tendering	2013/14: $173,000 2014/15: $185,000 2015/16: Nil	$132,000 (Including mobile app and website)	Nil (Promoted with other promotional activities)	Project commencement date: March 2012 Official launch date iOS: February 2013	381⊕	Around 12	Around 58% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		Specific Learning Difficulties, Visual Impairment, Attention Deficit/ Hyperactivity and Physical Disability. Purpose: To enhance the learning effectiveness and promote self-directed learning of SEN students.								Android: April 2014			
Education Bureau (Language Fund)	Workplace English Tic-Tac-Toe	Content: To provide practical English conversation applicable to various job nature and workplace context. Purpose: To enhance learning of English in the workplace for frontline working adults who have completed senior secondary education.	Frontline working adults who have completed senior secondary education	No	iOS and Android	Developed by a contractor (a local small and medium enterprise) through tendering	$606,000 (Including first year system maintenance cost and promotion expenditure)	First year system maintenance cost included in development cost	Included in development cost	Project commencement date: October 2013 Official launch date: 20 January 2016	5 951△⊕	Not applicable	Not applicable (Not yet officially launched last year)
Education Bureau (Information Technology in Education Section)	Beyond Campus	Educational e-tool for teachers to conduct outdoor activities.	Teachers	No	iOS	In-house development	Not applicable	Not applicable	Not applicable	Official launch date: 5 August 2013	3 330⊕	Around 88	Around 46% increase
Education Bureau (Informat	悅文 (Chinese version	Contains reading articles for Chinese Language.	Teachers	No	iOS	In-house development	Not applicable	Not applicable	Not applicable	Official launch date: 5 August 2013	4 050⊕	Around 242	Around 252% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
ion Technology in Education Section)	only)												
Education Bureau (Information Technology in Education Section)	Grouping Wizard	Student grouping tool for teachers' use.	Teachers	No	iOS	In-house development	Not applicable	Not applicable	Not applicable	Official launch date: 30 July 2013	8 250⊕	Around 395	Around 135% increase
Education Bureau (Information Technology in Education Section)	TSS Channel	Provides a convenient platform for teachers to view educational video.	Teachers	No	iOS and Android	Developed by contractors through tendering	$580,000	Not applicable	Not applicable	Project commencement date: 15 November 2012 Official launch date: 19 November 2014	571⊕	Around 38	Around 410% increase
Education Bureau (Information Technology in Education Section)	Eye Care for Hong Kong Students	Educational resource for teachers and parents to provide information about eye care.	Teachers and parents	No	iOS and Android	Developed by contractors through tendering	$229,600	Not applicable	Not applicable	Project commencement date: 1 November 2013 Official launch date: 12 January 2015	142⊕	Around 9	Around 330% increase
Efficiency Unit	Youth.gov.hk	Youth.gov.hk provides a series of healthy and interesting contents	Youth aged betwee	No	iOS and Android	Developed by a contractor through	Around $700,000	Maintained internally and no additional	Estimated Expenditure in 2016-17:	Project commencement date	11 662⊕	Around 80	Around 9% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		including arts and cultures, environmental protection, idols, community leaders, media experts and tips on application for government jobs, etc.	n 15 and 24			tendering		cost were involved	Nil	iOS: December 2010 Android: May 2012

Official launch date iOS: February 2011 Android: September 2012 | | | |
| Efficiency Unit | Where is Dr Sun | This app connects modern history of China with contemporary Hong Kong by using positioning technology and AR function. Users can use this app for virtual journey and field study. | Youth aged between 15 and 24 | No | iOS and Android | Developed by contractor through tendering | Around $200,000 | Maintained internally and no additional cost were involved | Estimated Expenditure in 2016-17: Nil | Project commencement date: June 2011

Official launch date: November 2011 | 2 975⊕ | Around 18 | Around 8% increase |
| Efficiency Unit | SIE Fund | SIE Fund has launched a mobile app as another channel to promote social innovation and connect the social innovation community.

The SIE Fund mobile app is loaded with information about social innovation and how the $500 million SIE Fund helps tackle poverty. For people who want to play a part in social innovation | No | No | iOS and Android | Developed by contractor through tendering | Around $300,000 | Around $70,000 | Estimated Expenditure in 2016-17: Around $50,000 | Project commencement date: April 2014

Official launch date: October 2014 | 4 288 | Around 188 | Around 111% increase |

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		and be a social entrepreneur, this app will provide them with intelligence and inspiration.											
Efficiency Unit	Tell me@1823 mobile app	To enable citizens to submit enquiries, complaints, compliments and suggestions to 1823	No	No	iOS and Android	Developed by internal contract staff of the Office of the Government Chief Information Officer	Not applicable	$160,000	No promotion expenditure was incurred	Project commencement date: October 2010 Official launch date: April 2011	88 919	Around 1 614	Around 28% increase
Efficiency Unit	1823 Online mobile app	To provide the public an interactive platform to get access to the information and services provided by 1823 and its participating departments	No	No	iOS and Android	Developed by a contractor	Around $700,000	$112,560	No promotion expenditure was incurred	Project commencement date: January 2015 Official launch date: December 2015	1 014△	Not applicable	Not applicable
Environment Bureau	MSW Charging - Online Views Collection Form Mobile Apps	Provides mobile apps function for the online views collection of Council for Sustainable Development in "Municipal Solid Waste Charging Public Engagement Process".	No	Views collection exercise	iOS and Android	Developed by a contractor through tendering	$65,300	Not applicable	Not applicable	Official launch date iOS: 1 November 2013 Android: 6 November 2013 Off-shelf date: 25 January 2014	42※ Off-shelf date: 25 January 2014	Not applicable	Not applicable
Environmental	Waste Less	Content: To provide information	No	No	iOS, Android	Developed by a contractor	Development and first year	$204,750	$766,260	Project commencement	13 530	Around 448	Around 66%

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Protection Department		of over 7000 recyclable collection points all over Hong Kong and the latest news and knowledge about waste management, reduction and recycling; Purpose: To enable members of the public to obtain information more easily on waste reduction and recycling; and share the "Waste Less" app and its message with their friends			and Windows Phone	through tendering	maintenance cost: $753,400			date: 17 September 2013 Official launch date: 10 March 2014			increase
Environmental Protection Department	Don't fly-tip	To introduce the enhanced control against illegal dumping of construction waste under the Waste Disposal (Amendment) Ordinance 2013. Its real-time map allows parties concerned and the public to identify locations with depositing activities acknowledged by the Department through the prior notification procedures.	Land owners, contractors, dump truck drivers and other parties involving in depositing activities on private land.	No	iOS and Android	Developed by a contractor through tendering	Development and first year maintenance cost : $197,000	$36,000	Nil	Project commencement date: 18 September 2014 Official launch date iOS: 1 June 2015 Android: 29 May 2015	165⊕ (As at 7 February 2016)	Not applicable	Not applicable
Environmental	PSB Charging	The application includes 10 cartoon animated	No	No	iOS, Android,	Developed by a contractor	Around $200,000	First year maintenance	No additional expenditure is	Project commencement	783	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Protection Department		stories (with voice-over) and 5 interactive games. It serves to enhance the public's understanding on the Plastic Shopping Bag Charging and its exemption arrangements.			and Windows Phone	through tendering		cost: Around $15,000	involved.	date: 20 May 2014 Official launch date iOS: 1 April 2015 Android: 31 March 2015 Windows Phone: 8 June 2015			e
Environmental Protection Department	Hong Kong Air Quality Health Index (QAHI)	To provide real-time AQHI recorded at the 12 general and 3 roadside air quality monitoring stations.	No	No	iOS and Android	Developed by a contractor through tendering	$160,000	$22,000	Not applicable	Project commencement date: 5 July 2013 Official launch date: 30 December 2013	31 608	Around 1 063	Around 68% increase
Equal Opportunities Commission (EOC)	EOC Mobile App	The EOC Mobile App features an introduction to the EOC, a brief description of the four anti-discrimination ordinances, EOC's latest news, a multimedia centre and a mini-game. Another significant feature of the app is that it provides users with "Barrier-Free Access Support" to cater to the special needs of different	No	No	iOS and Android	Developed by a contractor	$430,000	iOS: $20,000 Android: Maintained internally and no additional cost was involved	About $50,000	Official launch date: June 2013	5 937	Around 134	Around 37% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		users. The app provides options of large text, large icon as well as yellow text on black background, and supports existing iPhone and Android accessibility functions such as voice-over.											
Financial Secretary's Office (Economic Analysis and Business Facilitation Unit)	Business Consultation e-Platform mobile application	Provides the business community with an additional channel to access the Business Consultation e-Platform for browsing all the Government's regulatory proposals with business impact and related consultation information and offering their views. The App also provides users with additional functionalities (i.e. push notification, add-to-calendar, and sharing of consultation information on a specific regulatory proposal) over the Business Consultation e-Platform.	Business Sectors	No	iOS and Android	Developed by a contractor through tendering	$248,000	$44,250 (including technical support, application system and content hosting services)	Not applicable	Project commencement date iOS: 20 April 2012 Android: 6 June 2013 Official launch date iOS: 15 November 2012 Android: 9 October 2013	3 046⊕ (As at 27 February 2016)	Around 54	Around 27% increase
Fire Services Department	Hong Kong Fire Services Mobile Application	The Mobile App provides various information including "What's new" and events; job vacancies; locations of fire stations and	No	No	iOS and Android	Developed by a contractor through tendering	$900,000	For all the 3 apps of the Department: $96,000	For all the 3 apps of the department: $90,250	Project commencement date: 18 February 2013	16 921	Around 368	Around 35% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		ambulance depots; Augmented Reality interactive centre; and games download.								Official launch date: 15 May 2014			
Fire Services Department	Live safe, be watchful	"Live safe, be watchful" is a simulation game where players have to eliminate the potential hazards in a building; and assist an Ambulanceman in discharging his duties.	No	No	iOS and Android	Developed by a contractor through tendering	$250,000			Project commencement date: 18 February 2013 Official launch date: 15 May 2014	17 791	Around 533	Around 56% increase
Fire Services Department	Stay Calm & Collected	Through the series of games in "Stay Calm & Collected", players can learn more about fire safety and ambulance aid.	No	No	iOS and Android	Developed by a contractor through tendering	$250,000			Project commencement date: 18 February 2013 Official launch date: 15 May 2014	23 368	Around 39	Around 2% increase
Food and Environmental Hygiene Department	Nutrition Calculator	Help the public make better food choices by using nutrition labels.	No	No	iOS and Android	iOS: Developed by a contractor through tendering Android: In-house development	iOS: $150,000 Android: Developed internally and no additional cost was involved	Maintained internally and no additional cost was involved	Not applicable	Project commencement date iOS: June 2011 Android: June 2012 Official launch date iOS: October 2011 Android: December 2012	76 649	Around 222	Around 4% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Food and Environmental Hygiene Department	Food Safety	Make it easy for the public to obtain and download food safety messages, alerts, news and publications. Share food safety information via email, Facebook and WeChat.	No	No	iOS and Android	Developed by a contractor through tendering	$264,000	Maintained internally and no additional cost was involved	$37,600	Project commencement date: August 2013 Official launch date: April 2014	7 411	Around 211	Around 52% increase
Food and Environmental Hygiene Department	Food Safety Charter	Facilitate the public in their search for food premises which have signed up to the Food Safety Charter.	No	No	iOS	Developed by a contractor through tendering	$130,000	Maintained internally and no additional cost was involved	$144,000	Project commencement date: June 2011 Official launch date: March 2012 Off-shelf date: February 2016	1 465 Off-shelf date: February 2016	Around 7	Around 6% increase
Home Affairs Bureau	18 Handy Tips for Family Education	To promote family education, the Family Council introduces a series of family educational programmes, including parent-child education, with a view to promoting the core values of family and strengthening family values.	Families with children	No	iOS and Android	Developed by Contractor through tendering	iOS: $31,000 (Including $10,000 for updating in March 2016) Android: $18,000	$2,600	Nil	Project commencement date iOS: May 2011 Android: January 2016 Official launch date iOS: November 2011 Android: March 2016	3 050⊕	Around 12	Around 5% increase
Home Affairs Bureau	Family Education Package	With a view to helping parents with newborn babies understand and	Families with newbor	No	iOS and Android	Developed by Contractor through	$40,000	First-year maintenance cost was	Nil	Project commencement date:	572⊕	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
	for Families with Newborn Babies	adapt themselves to the new roles, the Family Council launched "Family Education Package for Families with Newborn Babies". Content includes expert advice on "parenting", "marital relationship" and "inter-generational support".	n babies			tendering		included in the development cost		March 2015 Official launch date: June 2015			
Home Affairs Bureau	"M" Mark Events App	The Major Sports Events Committee awards "M" Mark status to international major sports events held in Hong Kong. This app offers information about "M" Mark events, from general information and past results to photos and other information.	No	No	iOS and Android	Developed by Contractor through tendering	$70,000	$11,100	Not applicable	Project commencement date: April 2011 Official launch date: January 2013	1 098	Around 20	Around 27% increase
Home Affairs Department	Hong Kong Licensed Hotels and Guesthouses	Users can search for the latest details of the licensed hotels, guesthouses, holiday flats and holiday camps in Hong Kong. They can also report suspected unlicensed hotels and guesthouses and browse the latest news on regulation of hotels and guesthouses in Hong Kong with this mobile application.	Tourists and local residents	No	iOS and Android	Developed by contractors through tendering	178,000	24,000	Not applicable (No detailed breakdown as the promotion of apps is incorporated in the promotion materials of other subjects)	Project commencement date: 12 September 2013 Official launch date: 10 February 2015	2 882⊕	Around 187	Around 354% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Hong Kong Applied Science and Technology Research Institute Company Limited	ASTRI	To facilitate users' access and provide corporate information including events, news, job opportunities, publications and technologies, etc.	No	No	iOS and Android	In-house development	Already included in operating expenditure plus $975 for Google store and Apple store	Already included in operating expenditure plus $780 for Apple store	Not applicable	Project commencement date iOS: 1 October 2015 Android: 1 September 2015 Official launch date iOS: 11 January 2016 Android: 8 December 2015	55△	Not applicable	Not applicable
Hong Kong Examinations and Assessment Authority	HKDSE mobile application	To provide information to candidates and members of the public regarding the Hong Kong Diploma of Secondary Education (HKDSE) Examination and allow users to get the latest and important news of the HKDSE Examination.	General public, candidates, schools, teachers and parents	No	iOS and Android	Developed by a contractor through tendering	2013/14 (3.0 version): $27,000 2014/15 (4.0 version): $29,000 2015/16 (5.0 version): $27,000	Rental for dedicated server and bandwidth service, and daily maintenance: $102,000 - $120,000 per year	Not applicable	Project commencement date: December 2011 Official launch date Version 3.0: December 2013 Version 4.0: December 2014 Version 5.0: December 2015	Around 129 000 ⊕	Around 2 017	Around 23% increase
Hong Kong Observatory	MyObservatory	To provide weather information to mobile users.	No	No	iOS, Android, Windows Phone	In-house development	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Nil	Project commencement date: The second half of 2009 Official launch	Around 5 546 000	Around 63 800	Around 16% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
										date iOS: Q1 2010 Android: Q4 2010 Windows Phone: Q1 2014			
Hong Kong Observatory	MyWorld Weather	To provide official city weather forecast worldwide.	No	No	iOS and Android	In-house development	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Nil	Project commencement date: The first half of 2011 Official launch date iOS: Q4 2011 Android: Q1 2013	Around 181 000	Around 2 300	Around 18% increase
Hong Kong Observatory	iCWeatherOS	To provide a one-stop platform for users to take weather photos, produce weather observation reports and share them with fellow users, with a view to encouraging members of the public to carry out first-hand weather observation to broaden their knowledge in weather and climate. Some fun facts on weather are also provided in the mobile application for general educational	No	No	iOS	In-house development	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Nil	Project commencement date: Q4 2011 Official launch date: Q3 2013	Around 5 000	Around 83 000	Around 25% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		purpose.											
Hong Kong Police Force	Hong Kong Police Mobile Application	To engage the community and strengthen the communication with different sectors of the society, the Police launched the first "Hong Kong Police Mobile Application" on 18 July 2012. By using this mobile application on smart phones, people can access the latest police information at anytime and anywhere.	No	No	iOS and Android	In-house development	$750,000 (Expenditure in 2011-12 and 2012-13)	The system maintenance cost including the annual fee of US$99 for iOS was absorbed by the existing resources of the Hong Kong Police Force.	Included in other projects, no breakdown is available.	Project commencement date: September 2011 Official launch date: 18 July 2012	Around 137 800	Around 1 567	Around 16% increase
Hongkong Post	Hongkong Post (Adding a new function, "Correct Addressing", in September 2015)	To provide information on the services provided by Hongkong Post. Its functions include: - checking and tracking of the latest delivery status of mail items; - informing clients of the delivery status of their mail items; - calculating postages and comparing different postal services; - searching postal facilities and providing relevant information; - providing the latest notices or press releases of the Hongkong Post,	No	No	iOS and Android	In-house development	$328,000 New function : $130,000	Maintained internally and no additional cost was involved	Nil	Project commencement date: November 2010 Official launch date iOS: June 2011 Android: December 2011 New Function launch date: September 2015	Around 230 000	Around 2 000	Around 12% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		etc.; and - finding the correct address presentation for addresses in Hong Kong (a new function added to the HKP app in September 2015, instead of developing a separate dedicated app as originally planned, to allow easy public access to online services and information provided by HKP.)											
Hong Kong Productivity Council	SME Biz Easy	SME Biz Easy aims to provide latest information of government funding schemes, market intelligence and professional advice to SMEs in Hong Kong.	SMEs in Hong Kong	No	iOS and Android	iOS: Developed by a contractor Android: In-house developed	$370,000	$27,000	$312,300	Official launch date: 26 February 2016	287△⊕	Not applicable	Not applicable
Hong Kong Productivity Council	Lab Test One	Through the Lab Test One mobile apps, enterprises can tap the resources of 37 laboratories and testing facilities of Hong Kong Productivity Council, Hong Kong Science and Technology Parks Corporation, local universities, research centres and the Government covering areas including material analysis, electromagnetic	Local R&D companies and local testing labs	No	iOS and Android	Developed by a contractor	$95,000	$3,000	$59,000	Official launch date: 13 May 2015	Around 450 ⊕	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		compatibility, wireless/RF communications, electronics reliability, equipment calibration, environmental analysis, Chinese medicines and food safety, etc.											
Hong Kong Science and Technology Parks Corporation	Green Trail	Introduction of the green building design of Science Park Phase 3.	Primarily for internal users to conduct guided tours, but also available for public download for self-guided tour.	No	iOS and Android	Developed by a contractor through tendering	$740,000 (Including development of website, content management system and mobile app; as well as indoor- and outdoor-location based hardware devices)	Nil	Nil	Project commencement date : March 2014 Official launch date: September 2014	167⊕	Not available	Not available
Hong Kong Science and Technology Parks Corporation	APAC Innovation Summit 2014	Paperless measure for event participants to browse programme rundown and speakers' bios.	APAC Innovation Summit 2014 participants	APAC Innovation Summit 2014	iOS and Android	Developed by a contractor through tendering	$459,000 (Including development of content management system and mobile app)	Nil	Nil	Project commencement date: August 2014 Official launch date: December 2014	518⊕※	Not available	Not available
Hong Kong Science and	Smart Living@ Science Park	For visitors to understand details of each technologies in the Smart Living exhibition.	Visitors to Smart Living	Smart Living@ Science Park.	iOS and Android	Developed by a contractor through tendering	$80,000	Nil	Nil	Project commencement date: November	605△⊕※	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Technology Parks Corporation			@Science Park							2015 Official launch date: December 2015			
Hong Kong Science and Technology Parks Corporation (HKSTPC)	InnoHunt	Augmented Reality Hunting Games for Roadshows of HKSTPC and InnoCarnival.	No	InnoHunt Roadshows held in August and September 2015 and InnoCarnival in November 2015	iOS and Android	Developed by a contractor through tender	$100,000	$5,000	Nil	Project commencement date: July 2015 Official launch date: August 2015	1 756※	Not applicable	Not applicable
Hong Kong Tourism Board	My Hong Kong Guide	Allows visitors to create a virtual guide with friends, access and update it via PCs or mobile devices, get trip ideas from other travellers, share experiences on social media, and much more.	Potential visitors to Hong Kong	No	iOS and Android	Developed by a contractor engaged through tendering	$819,000 (Including system maintenance and enhancement costs)	No relevant costs yet	$200,000	Project commencement date: April 2013 Official launch date iOS: 3 March 2014 Android: 17 April 2014	Around 215 000⊕	Around 12 083	Around 207% increase
Hong Kong Tourism Board	Hong Kong Insider's Guide (Tablet App)	Highlights the unique characteristics, main attractions, histories, local cultures, delicacies and shopping hotspots in various districts, practical	Potential visitors to Hong Kong	No	iOS and Android	Developed by a contractor engaged through tendering	$428,000	No relevant costs yet	$100,000	Project commencement date: December 2013 Official launch	Around 13 000⊕	Not available	Not available

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		travel information and features sharing by local residents. The app has a recordkeeping function of users' journeys and is aimed at encouraging visitors to gain in-depth experience by exploring different districts.								date: iOS: 9 December 2014 Android: 10 March 2015			
Hong Kong Tourism Board	Hong Kong Pulse Sound Track	Visitors can turn their phones with this app into a personalised stereo with music that synchronises to the HKTB's Hong Kong Pulse 3D Light Show.	Potential visitors to Hong Kong	The six rounds of "Hong Kong Pulse 3D Light Show" launched in 2014/15 and 2015/16	iOS and Android	Developed by a contractor through tendering	$155,000	$20,000 (Including enhancement cost)	Nil	Project commencement date: September 2014 Official launch date iOS: 20 December 2014 Android: 16 December 2014 (temporarily off-shelf during the lapse of event)	Around 3 300⊕※ (temporarily off-shelf during the lapse of event)	Around 175	Around 175% increase
Hong Kong Tourism Board (HKTB)	Discover Hong Kong · Travel Pack	Contains a variety of travel guides published by the HKTB on dining, shopping, accommodation and sightseeing, as well as interactive travel information and local	Potential visitors to Hong Kong	No	iOS and Android	Developed by a contractor through tendering	$478,000	$164,000 (Including enhancement cost)	Nil	Project commencement date: November 2012 Official launch date	Around 167 000⊕ Off-shelf date: 1 March 2016	Around 1 417	Around 11% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		recommendations, etc. (This app was off the shelf as its main functions overlap with another app "My Hong Kong Guide".)								iOS: 29 March 2013 Android: 30 April 2013 Off-shelf date: 1 March 2016			
Hong Kong Tourism Board	Discover Hong Kong · City Walks	Equipped with the augmented reality function, it allows visitors to explore "Asia's World City" more conveniently and in greater depth. It takes visitors through four themed routes to get a feel of the metropolis' past and present and experience Hong Kong's East-meets-West culture.	Potential visitors to Hong Kong	No	iOS and Android	Developed by a contractor through tendering	$100,000	$325,000 (Including enhancement cost)	Nil	Project commencement date: September 2010 Official launch date: iOS: 11 May 2011 Android: 8 October 2011	Around 283 000⊕	Around 2 083	Around 10% increase
Hong Kong Tourism Board	Discover Hong Kong · Heritage Walks	Introduces 4 themed walking trails. Visitors can use the augmented reality function to obtain practical information of attractions.	Potential visitors to Hong Kong	No	iOS and Android	Developed by a contractor through tendering	$100,000	$325,000 (Including enhancement cost)	Nil	Project commencement date: September 2010 Official launch date iOS: 2 May 2012 Android: 20 April 2012	Around 107 000⊕	Around 725	Around 9% increase
Hong Kong Tourism Board	Discover Hong Kong · Island	Allows visitors to check information related 4 outlying islands, including information of	Potential visitors to Hong	No	iOS and Android	Developed by a contractor through tendering	$666,000	$385,000 (Including enhancement cost)	Nil	Project commencement date: October 2012	Around 158 000⊕	Around 1 700	Around 15% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
	Walks	over 70 sightseeing spots and transportation.	Kong							Official launch date iOS: 27 December 2012 Android: 1 March 2013			
Hong Kong Tourism Board	Discover Hong Kong · 720°	With selected 720-degree images of various attractions, the app provides visitors a feel as if they were at the spot to soak in Hong Kong's views. The app also provides Google maps, information and videos of attractions to allow visitors to tour Hong Kong freely. (This app was off the shelf as its main functions overlap with another app "My Hong Kong Guide".)	Potential visitors to Hong Kong	No	iOS	Developed by a contractor through tendering	$65,000	$26,000 (Including enhancement cost)	Nil	Project commencement date: December 2008 Official launch date: 31 May 2009 Off-shelf date: 4 January 2016	Around 824 000⊕ Off-shelf date: 4 January 2016	Around 2 000	Around 3% increase
Hong Kong Tourism Board	Discover Hong Kong · AR (Co-op between HKTB and Cathay Pacific)	Offers the AR function. Once switched on, the phone camera can be used to scan the visitor's surroundings to provide images, information and direction to attractions, so that visitors can explore Hong Kong in a more comprehensive manner. (This app was off the	Potential visitors to Hong Kong	No	iOS and Android	Developed by a contractor appointed by Cathay Pacific	$155,000	$578,000 (Including enhancement cost) (Expenditures shared equally with Cathay Pacific)	Nil	Project commencement date: March 2011 Official launch date iOS: 17 May 2011 Android: 25 November	Around 514 000⊕ Off-shelf date: 20 January 2016	Around 3 417	Around 9% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		shelf as its main functions overlap with another app "My Hong Kong Guide".)								2011 Off-shelf date: 20 January 2016			
Hong Kong Trade Development Council	HKTDC Mobile App	Allows users to source quality suppliers and exhibitors. The App also provides research information, fair details and webcasts.	Global SMEs	No	iOS, Android and Blackberry	In-house development and developed by contractors through tendering	Not available	Not available	Not available	Official launch date: October 2009	164 893⊕	Around 2 138	Around 18% increase
Hong Kong Trade Development Council (HKTDC)	HKTDC Marketplace App (renamed in February 2016) HKTDC Product Magazine App	Helps users get the latest product ideas and plan their visits to HKTDC fairs using the official catalogues.	Global buyers	No	iOS and Android	In-house development and developed by contractors through tendering	Not available	Not available	Not available	Official launch date iOS: May 2011 Android: October 2011	271 307⊕	Around 3 467	Around 18% increase
Hong Kong Trade Development Council	Asian Financial Forum Mobile App	Provides information on the Forum (including speakers' profile, webcast interviews, list of participants and programme, etc.), as well as allowing participants to directly network with each other and discuss potential business collaboration.	Participants of the Forum	No	iOS and Android	Developed by contractors through tendering	Not available	Not available	Not available	Official launch date: November 2011	11 274⊕	Around 104	Around 12% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Hospital Authority	Fall Prevention	To provide tips and education on fall prevention and strengthen patient support.	No	No	iOS	Developed by a contractor through tendering	$40,000	Maintained internally and no additional cost was involved	Not applicable	Project commencement date: October 2011 Official launch date: March 2012	492	Around 12	Around 42% increase
Hospital Authority	Finding Patient Groups	To provide patients and the general public with access to contact information of patient self-help groups.	No	No	iOS and Android	Developed by a contractor through tendering	$158,000	Maintained internally and no additional cost was involved	Not applicable	Project commencement date iOS: February 2012 Android: January 2013 Official launch date iOS: October 2012 Android: September 2013	4 074	Around 127	Around 60% increase
Hospital Authority	HAC 2015	To facilitate mobile access to programmes of the Hospital Authority Convention 2015.	No	No	iOS and Android	Developed by a contractor through tendering	$56,000	Maintained internally and no additional cost was involved	Not applicable	Project commencement date: Q3 2013 Official launch date: Q1 2014	2 485	Around 132	Around 176% increase
Hospital Authority	Touch Med	To alert patients when their drugs are ready for collection in the hospital pharmacies.	No	No	iOS and Android	In-house development	$410,000	Maintained internally and no additional cost was involved	Not applicable	Project commencement date: April 2013	38 733	Around 2 296	Around 246% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
										Official launch date iOS: March 2014 Android: May 2014			
Hospital Authority	Institute of Mental Health, Castle Peak Hospital 減壓情識 (Chinese Version only)	To help the public better understand their own emotions, encourage positive thinking and more effectively cope with the pressures of living.	No	No	iOS	Developed by a contractor through tendering	$60,000	Maintained internally and no additional cost was involved	Not applicable	Project commencement date: January 2011 Official launch date: October 2011	29 512	Around 104	Around 4% increase
Hospital Authority	United Christian Hospital 出藥一叮	To alert patients when their drugs are ready for collection.	No	No	iOS and Android	In-house development	$80,000	Maintained internally and no additional cost was involved	Not applicable	Project commencement date: April 2011 Official launch date: November 2011	17 054	Around 180	Around 14% increase
Hospital Authority	Prince of Wales Hospital PWH easyGo	To help visitors and patients searching the routes to buildings and facilities of the hospital.	No	No	iOS	In-house development	$100,000	Maintained internally and no additional cost was involved	Not applicable	Project commencement date: June 2014 Official launch date: January 2015	3 440	Around 266	Around 1 304% increase
Hospital Authority	HA Touch	To provide timely information on public	No	No	iOS and Android	Developed by a contractor	$225,000	Maintained internally and	Not applicable	Project commencement	5 289	Not applicable	Not applicabl

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		hospital services, including (i) alerts of the latest news; (ii) contact numbers and addresses of public hospitals and institutions; (iii) fees and charges; and (iv) waiting time of elective surgery and new case booking of specialist outpatient clinics.				through tendering		no additional cost was involved		date: January 2015 Official launch date: July 2015			e
Hospital Authority	Prince of Wales Hospital PWH AE Aid	To provide information on the service and triage system of Prince of Wales Hospital Accident & Emergency Department, current waiting numbers of patients, and contacts of nearby clinics which are open to facilitate patients' consideration of consultation channels.	No	No	iOS and Android	In-house development	$100,000	Maintained internally and no additional cost was involved	Not applicable	Project commencement date: January 2015 Official launch date: October 2015	1 247	Not applicable	Not applicable e
Immigration Department (ImmD)	Hong Kong ImmD Mobile Application	Facilitates Hong Kong residents and visitors to obtain information on estimated passenger waiting time at all land boundary control points and other ImmD information.	No	No	iOS and Android	In-house development	Around $130,000	The system maintenance cost including the annual fee of US$99 for iOS is absorbed by the existing resources of ImmD.	Not applicable	Project Commencement date: March 2013 Official launch date: 5 December 2013	115 028	Around 1 694	Around 21% increase
Independent	ICAC Smartpho	Provides ICAC information and promotes	No	No	iOS and Android	Developed by a contractor	$480,000	Maintained internally	Promoted through	Project commencement	Around 6 900	Around 104	Around 22%

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Commission Against Corruption (ICAC)	ne App	probity messages.							suitable ICAC activities	date: mid-2012 Official launch date: December 2013			increase
Independent Commission Against Corruption (ICAC)	ICAC eBooks Tablet App	Provides marketing channel of ICAC publications.	In particular families with children	No	iOS and Android (Tablet only)	Developed by a contractor	$212,000	Maintained internally	Promoted through suitable ICAC activities	Project commencement date: mid-2014 Official launch date: January 2015	Around 400 ⊕	Around 17	Around 100% increase
Information Services Department	Government Bookstore	To provide a way for members of the public to browse the list of government publications for sale, so as to attract the public to visit the online Government Bookstore.	No	No	iOS and Android	Developed by a contractor through tendering	$650,726	No additional cost was involved	$83,924	Project commencement date: 20 March 2013 Official launch date: 31 December 2013	Around 11 000	Around 400	Around 77% increase
Information Services Department	"Hong Kong Yearbook 2012" iPad/ Android Tablet app	This is a mobile app which enables members of the public to download and browse the content of "Hong Kong 2012". The book provides an in-depth account of government policy and activities and an overview of Hong Kong life and developments in 2012.	No	No	iOS and Android	Developed by a contractor through tendering in collaboration with OGCIO	$215,000	No additional cost was involved	Free (Promotion was done by issuing press release)	Project commencement date: 1 June 2013 Official launch date: 25 November 2013 Off-shelf date: 15 September 2014	1 233 Off-shelf date: 15 September 2014	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Information Services Department	"Hong Kong Yearbook 2013" iPad/ Android Tablet app	To enable downloading and browsing for the content of "Hong Kong Yearbook 2013". The Yearbook provides an in-depth account of government policy and activities and an overview of Hong Kong's development during the year.	No	No	iOS and Android	Developed by a contractor through tendering	$99,000	No additional cost was involved	Free (Promotion was done by issuing press release)	Project commencement date: 25 June 2014 Official launch date: 15 September 2014 Off-shelf date: 18 November 2015	976 Off-shelf date: 18 November 2015	Around 33	Around 67% increase
Information Services Department	"Hong Kong Yearbook 2014" iPad/ Android Tablet app	To enable downloading and browsing for the content of "Hong Kong Yearbook 2014". The Yearbook provides an in-depth account of government policy and activities and an overview of Hong Kong's development during the year.	No	No	iOS and Android	Developed by a contractor through tendering	$126,000	No additional cost was involved	Free (Promotion was done by sending email to all Government email users)	Project commencement date: 13 July 2015 Official launch date: 18 November 2015	890	Not applicable	Not applicable
Information Services Department	Discover the Basic Law	To commemorate the 25th Anniversary of the Promulgation of the Basic Law, ISD and the Hong Kong Design Institute (HKDI) teamed up to present a roving exhibition of creative student artworks representing various articles of the Basic Law. The public can appreciate	No	Discover the Basic Law roving exhibition	iOS and Android	Developed by HKDI's contractor	Included in project sum to HKDI and cannot be calculated separately	No additional cost was involved	Free (Promotion was done by issuing press releases and at the exhibition venues)	Project commencement date: Early 2015 Official launch date: 28 May 2015 Off-shelf date: 31 December 2015	1 176※ Off-shelf date: 31 December 2015	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		the artwork, find exhibition venues and learn more about the Basic Law on this App.											
Information Services Department	news.gov. hk (2.x)	To facilitate the browsing of news.gov.hk with smartphones or mobile devices.	No	No	iOS and Android	Developed by contractors through tendering	$269, 618	$30,408	Nil	Project commencement date: July 2014

Official launch date: November 2014 | Around 33 000 (version 2.x only) | Around 965 | Around 54% increase |
| Information Services Department | This is Hong Kong | This app is available in English, traditional Chinese and simplified Chinese. "This is Hong Kong" is themed on the city's core values, showcasing what makes Hong Kong a diverse, dynamic and cosmopolitan city closely connected to the rest of Asia and the world while also offering a secure environment to live and work. | No | No | iOS and Android | Developed by a contractor through tendering | This is Hong Kong 2013: $94,000

This is Hong Kong 2014 $150,000 | Already included in the development cost | This is Hong Kong 2013: Nil

This is Hong Kong 2014: $7,784.4 | This is Hong Kong 2013 Project commencement date: 25 July 2013 Official launch date: 1 December 2013 Off-shelf date: 20 November 2014

This is Hong Kong 2014 Project commencement date: 17 July 2014 Official launch date: 21 November | This is Hong Kong 2013: 4 118

Off-shelf date: 20 November 2014

This is Hong Kong 2014: 1 132

Off-shelf date: 24 August 2015 | Not applicable | Not applicable |

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
										2014 Off-shelf date: 24 August 2015			
Innovation and Technology Commission	McMug on Green Technology	The purpose of the App is to promote InnoCarnival 2013, the mega event of ITC in promotion of innovation and technology.	No	InnoCarnival 2013	iOS and android	Developed by contractors through tendering	$600,000	Already included in the development cost	Not applicable. We did not have any promotion solely for this app.	Project commencement date: July 2013 Official launch date iOS (off-shelved): 21 October 2013 Android: 9 October 2013	21 212※ (As the App was launched to promote InnoCarnival 2013, the highest download rate occurred in October, November and December 2013) Note: The contractor can only provide the total number of downloads up to 31 January 2016.	Around 53	Around 3% increase
Intellectual Property Department	"No Fakes Pledge" Shop Search	To facilitate tourists and consumers in searching for shop information of all participating retail merchants of the "No Fakes Pledge" Scheme.	No	No	iOS and Android	Developed by contractor through tendering	$389,600 (Including first year maintenance cost) Production cost	$84,040	$1,520,000 (2013-2016)	Project commencement date: 27 August 2012 Official launch	16 434	Around 478	Around 54% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		Users can easily find the location of a "No Fakes Pledge" shop by searching the map, district, merchant's name and merchandise category.					for additional features (2013-2014): $35,400			date: 4 February 2013			
Invest Hong Kong	Startmeuphk	StartmeupHK Festival 2016 (http://www.startmeup.hk/en/startmeuphk-festival-2016/).	Hong Kong Startup Community and other participants of the Festival.	StartmeupHK Festival 2016 from 23 to 30 January 2016	iOS and Android	Developed by a contractor	$150,000	Nil	Nil	Project commencement date: 2 October 2015 Official launch date: 30 December 2015	922△⊕※	Not applicable	Not applicable
Labour Department	iES	To facilitate job seekers to search suitable vacancies instantly by mobile devices from the huge job vacancy database of the Labour Department.	No	No	iOS and Android	Developed by a contractor through tendering	$125,000	$81,336	Nil	Project commencement date: 28 July 2011 Official launch date iOS: 31 January 2012 Android: 22 March 2012	629 996	Around 10 424	Around 25% increase
Labour Department	Work Safety Alert	To alert employers/contractors and employees about the occurrences of serious or fatal work injuries and	No	No	iOS and Android	Developed by a contractor through tendering	$75,000	$15,000	Nil	Project commencement date: 22 December 2011	13 366	Around 181	Around 19% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		the need to take relevant measures to prevent recurrence.								Official launch date iOS: 9 March 2012 Android: 27 April 2012			
Labour Department	Youth Employment Start	To provide latest employment support information of Youth Employment Start to young people.	Young people aged between 15 and 29	No	iOS and Android	Developed by a contractor through tendering	Development and first year maintenance cost: $149,000	Maintained internally and no additional cost was involved	Nil	Project commencement date: 2 September 2013

Official launch date: 26 June 2014 | 10 565⊕ | Around 331 | Around 60% increase |
| Lands Department | MyMapHK | "MyMapHK" is a pilot mobile map app which provides members of the public convenient and on-the-go access to up-to-date, detailed bilingual maps and integrated geospatial information of over 120 types of public facilities in Hong Kong.

"MyMapHK" also provides different themes, namely "Map", "Hiking", "Old Hong Kong", "Election", "SOS", and "Offline Map" with specific functions to account for | No | No | iOS and Android | In-house development | Developed and maintained internally. No additional costs were involved. | Developed and maintained internally. No additional costs were involved. | Promoted internally and no additional expenditures was involved | Official launch date: 26 June 2014 | 122 766 | Around 2 722 | Around 36% increase |

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		different users' needs.											
Leisure and Cultural Services Department	Multimedia Information	Provides access to digitized resources, including ebooks, images, audio and video materials in the Multimedia Information System (MMIS) portal (https://mmis.hkpl.gov.hk) of the Hong Kong Public Libraries at mobile devices anytime, anywhere.	No	No	iOS and Android	Developed by a contractor through tendering	The development cost was included in the implementation cost of the MMIS Major Upgrade Project. As it is not an individual project, no separate breakdown is available. Remark: An exercise to enhance the functionality and usability of the mobile app was carried out in 2014 and the one-off enhancement cost was $669,000.	The maintenance cost was included in the MMIS Major upgrade project. As it is not an individual project, no separate breakdown is available.	The promotion expenditure of the app was included in the overall promotion cost of public libraries services. As it is not an individual project, no separate breakdown is available.	Project commencement date: October 2011 Official launch date iOS: September 2014 Android: August 2013	18 192	Around 663	Around 78% increase
Leisure and Cultural Services Department	HKMA Outdoor Sculpture Guide	Provides mobile guided tour services for the 11 large outdoor sculptures near the Hong Kong Museum of Art. Audiences can start the tour of sculptures and listen to the contents of the guided tour anytime and anywhere with their mobile phones.	No	No	iOS and Android	Developed by contractors through tendering	Nil	$51,000	Nil	Project commencement date: September 2011 Official launch date: May 2012 Off-shelf date:	5 248 Off-shelf date: 1 September 2014	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
										1 September 2014			
Leisure and Cultural Services Department	Exploring Tsarskoye Selo	Offers exclusive information on the "Treasures from Tsarskoye Selo, Residence of the Russian Monarchs" exhibition, exhibit highlights and interactive games, to arouse public interest in the artefacts of the Russian monarchs.	No	"Treasures from Tsarskoye Selo, Residence of the Russian Monarchs" exhibition	iOS and Android	Developed by contractors through tendering	$180,000 (Fully funded by The Hong Kong Jockey Club Charities Trust)	Nil	Nil (Included in the expenditure for the publicity of the exhibition)	Project commencement date: August 2014 Official launch date: November 2014 Off-shelf date: 16 March 2015	3 644※ Off-shelf date: 16 March 2015	Not applicable	Not applicable
Leisure and Cultural Services Department	Portable Dunhuang Story Player	Adopted the "Indoor Positioning System" to add more interactive and educational elements to the exhibition. The contents of selected exhibits with dramatic elements were narrated by the Hong Kong Repertory Theatre in the form of lively radio dramas.	No	"Dunhuang – Untold Tales, Untold Riches" Exhibition	iOS and Android	Developed by a contractor through tendering	$185,000 (Fully funded by The Hong Kong Jockey Club Charities Trust)	Nil	Nil (Included in the expenditure for the publicity of the exhibition)	Project commencement date: September 2014 Official launch date: November 2014 Off-shelf date: 17 March 2015	6 733※ Off-shelf date: 17 March 2015	Not applicable	Not applicable
Leisure and Cultural Services Department	A Glimpse of Old Hong Kong	Offers visitors a good opportunity to look at how Hong Kong has evolved over the past century on site. Visitors can view old photographs of 14 selected "check-in" locations. The images on the historical building or	No	No	iOS	In-house development (A research project on the multimedia programmes with the assistance from the	Developed together with other interactive multimedia programmes. No separate breakdown of the development cost.	Nil	Nil	Project commencement date: October 2013 Official launch date: May 2014	822 Off-shelf date: 4 February 2016	Around 50	Around 261% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		street scenes will be displayed on the screen when visitors reach the "check in" points and activate this application.				Technological and Higher Education Institute of Hong Kong)				Off-shelf date: 4 February 2016			
Leisure and Cultural Services Department	King Yin Lei	Guides users through King Yin Lei, as if they were travelling on site. Multimedia information like videos aided with animations, panoramas, and still photos are available for further exploration of King Yin Lei.	No	No	iOS and Android	Developed by a contractor through tendering	Subsumed in the "Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available.	Subsumed in the maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.	Nil	Project commencement date: May 2011

Official launch date: April 2014

Off-shelf date: 24 February 2016 | 720

Off-shelf date: 24 February 2016 | Around 23 | Around 63% increase |
| Leisure and Cultural Services Department | Matching @ King Yin Lei | The game requires the player to match the patterns of King Yin Lei and complete the mission within the time limit. It enhances public's understanding on the architectural feature of King Yin Lei. | No | No | iOS and Android | Developed by a contractor through tendering | Subsumed in the "Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available. | Subsumed in the maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available. | Nil | Project commencement date: May 2011

Official launch date: April 2014

Off-shelf date: 24 February 2016 | 300

Off-shelf date: 24 February 2016 | Around 12 | Around 90% increase |
| Leisure and Cultural Departme | Photo ME@King Yin Lei | Users can take a photo or use saved photo to create a new picture with different scenes at King Yin Lei. It aims to arouse | No | No | iOS and Android | Developed by a contractor through tendering | Subsumed in the "Generic platform for Virtual Reality Touring | Subsumed in the maintenance cost of "Generic | Nil | Project commencement date: May 2011

Off-shelf date: 24 February | 706 | Around 24 | Around 69% increase |

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
nt		public's interest in King Yin Lei.					Programme for monuments" project; no separate breakdown is available.	platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.		Official launch date: April 2014 Off-shelf date: 24 February 2016	2016		
Leisure and Cultural Services Department	Puzzle@ King Yin Lei	The game requires player to restore King Yin Lei to its original glory by swapping the tiles in full speed. It enhances public's understanding on the architectural features of King Yin Lei.	No	No	iOS and Android	Developed by a contractor through tendering	Subsumed in the "Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available.	Subsumed in the maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.	Nil	Project commencement date: May 2011 Official launch date: April 2014 Off-shelf date: 24 February 2016	404 Off-shelf date: 24 February 2016	Around 19	Around 131% increase
Leisure and Cultural Services Department	Restore King Yin Lei	Allows players to join the restoration project by guessing the order of restoration processes of various architectural features. It enhances public's understanding on restoration process of King Yin Lei.	No	No	iOS and Android	Developed by a contractor through tendering	Subsumed in the "Generic platform for Virtual Reality Touring Programme for monuments" project; no separate breakdown is available.	Subsumed in the maintenance cost of "Generic platform for Virtual Reality Touring Programme for monuments"; no separate breakdown is available.	Nil	Project commencement date: May 2011 Official launch date: April 2014 Off-shelf date: 24 February 2016	250 Off-shelf date: 24 February 2016	Around 9	Around 82% increase
Leisure and	Appreciation of	To provide general information, audio guide	No	"Western Scientific	iOS and Android	Developed by contractors	$550,000 (Fully funded by	Nil	Nil (Included in	Project commencement	3 915※	Not applicable	Not applicabl

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Cultural Services Department	Qing Scientific Instruments	of highlighted exhibits, interactive and educational games to the "Western Scientific Instruments of the Qing Court" exhibition.		Instruments of the Qing Court" Exhibition		through tendering	The Hong Kong Jockey Club Charities Trust)		the expenditure for the publicity of the exhibition)	date: March 2015 Official launch date: June 2015 Off-shelf date: 29 February 2016	Off-shelf date: 29 February 2016		e
Leisure and Cultural Services Department	Bruce Lee: Kung Fu・Art・Life	To promote "Bruce Lee: Kung Fu・Art・Life" exhibition through interactive games.	No	"Bruce Lee: Kung Fu・Art・Life" exhibition	iOS and Android	Developed by a contractor through tendering	Development and first year maintenance cost: $128,000	Nil	Nil (Included in the expenditure for the publicity of the exhibition)	Project commencement date: May 2013 Official launch date: July 2013	39 423※	Around 705	Around 27% increase
Leisure and Cultural Services Department	Dino Raiser	For promoting the "Legends of the Giant Dinosaurs" exhibition, the app allows users to have a pleasurable learning experience of dinosaurs through a series of interesting questions.	No	"Legends of the Giant Dinosaurs" Exhibition	iOS and Android	Developed by a contractor through tendering	$50,000	Nil	Nil (Included in the expenditure for the publicity of the exhibition)	Project commencement date: August 2013 Official launch date: October 2013	25 355※	Around 367	Around 21% increase
Leisure and Cultural Services Department	Jurassic World	An informative and entertaining app for enhancing the educational and interactive appeal of the "Legends of the Giant Dinosaurs" exhibition.	No	"Legends of the Giant Dinosaurs" Exhibition	iOS and Android	Developed by a contractor through tendering	$518,000	Nil	Nil (Included in the expenditure for the publicity of the exhibition)	Project commencement date: August 2013 Official launch date: November 2013	33 894※	Around 1 079	Around 62% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Leisure and Cultural Services Department	Star Hoppers	A stargazing app to simulate the star field with Chinese and Western star charts. Information on constellations and celestial objects with Chinese and English narration are available. It also provides updates on astronomical events and activities of the Space Museum.	No	No	iOS and Android	Developed by a contractor through tendering	$700,000	Nil (Information to be updated by the Museum)	Nil	Project commencement date: August 2012 Official launch date: September 2014	81 645	Around 3 213	Around 89% increase
Leisure and Cultural Services Department	Hong Kong International Poster Triennial 2014	Provides more information on poster design and museum visiting experience of the exhibition.	No	"Hong Kong International Poster Triennial 2014" Exhibition	iOS and Android	Developed by a contractor through tendering	$135,000 (Including the maintenance cost for the first year)	$2,500	Nil (Included in the expenditure for the publicity of the exhibition)	Project commencement date: June 2014 Official launch date: December 2014	1 618※	Around 35	Around 36% increase
Leisure and Cultural Services Department	My Library	"My Library" provides a safe and convenient channel to access the services of the Hong Kong Public Libraries. Through the app, members of the public can: > Login their library account > Search, reserve and renew library materials, > Access My List in their library account and > Find out the branch	No	No	iOS and Android	Developed by a contractor	Development cost：$3,180,000 (Including software, hardware and related services e.g. Security Risk Assessment and Audit)	$313,000 Enhancement (2015): $140,000 (Remark: figures up to December 2015)	The promotion expenditure of the app was included in the overall promotion cost of public libraries services. As it is not an individual item, no separate breakdown is	Project commencement date: April 2013 Official launch date iOS: July 2014 Android: September 2014	177 544	Around 7 996	Around 118% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		libraries opening hours and address information.\n\nThe app also uses the push notification service to provide the personalized alert service on pick-up notice, due date reminder and etc.							available.				
Leisure and Cultural Services Department (LCSD)	My Culture	The app aims mainly to disseminate brief programme information to users in a user friendly manner that covers cultural presentations organised solely or jointly by LCSD and sponsored programmes under the Venue Partnership Scheme. It also covers film programmes and museum thematic exhibitions organised by LCSD.	No	No	iOS and Android	Developed by a contractor through tendering	$2,300,000 (Including implementation cost of My Culture, enhancement cost for existing Campaign Record System and Contract Staff cost)	$79,000\n\nEnhancement (2014): $44,100	$432,000 (Among which $191,000 was included in the development cost)\n\nOngoing promotion includes publicising in the department's publicity materials which involves no additional cost	Project commencement date: October 2011\n\nOfficial launch date: September 2012	39 620	Around 447	Around 16% increase
Leisure and Cultural Services Department	Fitness Walking	Purpose: To promote the "Fitness Walking" and encourage members of the public to establish a healthy lifestyle through regular physical exercise.	No	No	iOS and Android	Developed by a contractor through tendering	$250,000	$25,000 (System maintenance ended on 5 October 2015)	Promotion in LCSD publicity materials, no additional cost.	Project commencement date: March 2013\n\nOfficial launch	48 288	Around 1 031	Around 34% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
(LCSD)		It provides information of 34 LCSD walking tracks in 18 districts with the Global Positioning System function to locate the nearest walking track of the users. Other functions include recording the data of walking time, distance and calorie consumed, and calculation of target training heart rate etc.						Enhancement (2015): $40,800		date: August 2013			
Leisure and Cultural Services Department (LCSD)	LCSD Green Hong Kong Campaign (Previous version: Hong Kong Flower Show)	The app aims mainly to disseminate LCSD Green Hong Kong Campaign information and related events to users in a user friendly manner. (Previous version: To provide information, horticultural knowledge and educational activities for the Hong Kong Flower Show and Green Hong Kong Campaign.)	No	No	iOS and Android	Developed by a contractor through tendering	$214,000 (Fully funded by The Hong Kong Jockey Club Charities Trust)	$16,000 (System maintenance ended on 4 December 2015) (Fully funded by The Hong Kong Jockey Club Charities Trust)	$32,110	Project commencement date: December 2014 Official launch date: November 2015 (Previous version: March 2015)	8 552	Not applicable	Not applicable
Leisure and Cultural Services Department (LCSD)	My URBTIX	My URBTIX app allows patrons to browse events on sale through URBTIX, pick their seats and pay online for ticket purchases conveniently. Registered members can also enjoy personalised	No	No	iOS and Android	Developed by a contractor through tendering (as part of the contract for provision of back-end	Development and system maintenance costs are absorbed by the contractor	Development and system maintenance costs are absorbed by the contractor	Promotion in LCSD publicity materials and websites at no additional cost.	Project commencement date: March 2014 Official launch date iOS:	216 729	Around 10 654	Around 144% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		services such as email reminders at pre-defined number of days in advance to attend purchased events and email promotional information on their favourite event categories.				ticketing system and related services to LCSD)				August 2014 Android: July 2014			
Leisure and Cultural Services Department	Chinese Opera Festival 2013	This app aims to provide information for the Chinese Opera Festival 2013 for the promotion of Chinese Opera Festival programme.	No	Chinese Opera Festival 2013	iOS and Android	Developed by contractors through open quotation	Development and maintenance cost during event promotion period: $60,000	Nil	Nil	Project commencement date: January 2013 Official launch date: April 2013 Off-shelf date: January 2014	1 241※ Off-shelf date: January 2014	Not applicable	Not applicable
Leisure and Cultural Services Department	Enchanting Arts of Asia	This app covers all programmes and activities of the Arts Festival and provides concise information in a convenient way.	No	Enchanting Arts of Asia Arts Festival	iOS	Developed by contractors through open quotation	Development and maintenance cost during event promotion period: $40,770	Nil	Nil	Project commencement date: April 2011 Official launch date: August 2011 Off-shelf date: August 2013	969※ Off-shelf date: August 2013	Not applicable	Not applicable
Leisure and Cultural Services Departme	Lasting Legacies of Eastern Europe 2013	This app covers all programmes and activities of the Lasting Legacies of Eastern Europe 2013 and	No	Lasting Legacies of Eastern Europe 2013	iOS and Android	Developed by contractors through open quotation	Development and maintenance cost during event promotion period:	Nil	Nil	Project commencement date : April 2013	900※ Off-shelf date: March 2015	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
nt		provides concise information in a convenient way.					$60,770			Official launch date: September 2013 Off-shelf date: March 2015			
Leisure and Cultural Services Department	New Vision Arts Festival 2012	This app covers all programmes and activities of the Arts Festival and provides concise information in a convenient way.	No	New Vision Arts Festival 2012	iOS and Android	Developed by contractors through open quotation	Development and maintenance cost during event promotion period: $65,964	Nil	Nil	Project commencement date : April 2012 Official launch date: August 2012 Off-shelf date: March 2015	948※ Off-shelf date: March 2015	Not applicable	Not applicable
Office of the Communications Authority	OFCA Broadband Performance Test	Enables members of the public to measure the performance of broadband services. For details, please refer to the following website: http://speedtest.ofca.gov.hk/index.html	No	No	iOS and Android	Developed by a contractor through tendering	Covered by Trading Fund of the Office of the Communications Authority	Covered by Trading Fund of the Office of the Communications Authority	Covered by Trading Fund of the Office of the Communications Authority	Official launch date: 23 December 2010	Total number of tests: 55 583 965 Office of the Communications Authority does not have the figures on the number of users and number of downloads of the	Average monthly number of tests last year: Around 493 944	Change in the number of tests since last year: Around 12% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
											mobile app.		
Office of the Government Chief Information Officer	e-Auth	Provide information about e-authentication for IT professional and business users.	IT professional and business users	No	iOS	In-house development	Developed and maintained internally. No additional expenditures were involved.	Developed and maintained internally. No additional expenditures were involved.	Nil	Project commencement date : June 2013 Official launch date: September 2013	1 324⊕	Around 30	Around 37% increase
Office of the Government Chief Information Officer	EventHK	A one-stop inter-departmental platform that provides citizens a convenient way to look for public events organised by the government or under government premises.	No	No	iOS and Android	In-house development	Developed and maintained internally. No additional expenditures were involved.	Developed and maintained internally. No additional expenditures were involved.	Mainly promoted through public channels. Expenditure in 2013/14: Around $50,000	Project commencement date: October 2012 Official launch date: 21 April 2013	36 710	Around 651	Around 27% increase
Office of the Government Chief Information Officer	GovHK Notifications	An inter-departmental app that provides a convenient channel via a mobile platform for citizens to receive government information and alerts with mobile phones.	No	No	iOS and Android	In-house development	Developed and maintained internally. No additional expenditures were involved.	Developed and maintained internally. No additional expenditures were involved.	Mainly promoted through public channels. Expenditure in 2013/14: around $30,000	Project commencement date: June 2011 Official launch date: 17 August 2012	699 234	Around 2 368	Around 4% increase
Office of the Government Chief Information	GovHK Apps	A one-stop inter-departmental platform for citizens to search and download a series of government mobile apps.	No	No	iOS and Android	Version 1.0: Developed by a contractor through tendering	$600,000 (Developed internally since mid-August 2015 and no additional expenditure was	Around $35,000 (Maintained internally since mid-August 2015; no	Promoted through public channels; no additional expenditure	Project commencement date: December 2011 Official launch	162 035	Around 1 510	Around 13% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Officer						Version 2.0: In-house development	involved.)	additional expenditure was involved.)	was involved.	date: 17 August 2012			
Office of the Government Chief Information Officer	HK GovWiFi	Provide guidelines for the public and visitors to use the free GovWiFi service. Allow users to search GovWiFi hotspots of the service. Update users on launch of service in new premises.	No	No	iOS and Android	Developed by a contractor through tendering	$295,000	$47,850	$21,040	Project commencement date: January 2014

Official Launch date: May 2015 | 11 500 | Not applicable | Not applicable |
| Office of the Government Chief Information Officer | iStartup@HK | iStartup@HK is a one-stop portal with mobile apps. Apart from providing a comprehensive range of information on startup facilities, the portal also serves as a virtual networking and pitching platform where startups can showcase their company information and products videos, thus providing an additional channel for tech startups to reach out to potential investors and market. | Tech startups | No | iOS and Android | Developed by a contractor through tendering | $182,000 | $42,000 (Security risk analysis fee) | Promoted through GovHK, no addition expenditure was involved. | Project commencement date: November 2014

Official launch date iOS: 5 October 2015 Android: 22 June 2015 | 542⊕ | Not applicable | Not applicable |
| Office of the Government Chief Information Officer | Wi-Fi.HK | To facilitate the public and visitors in searching the free or free for a certain period of time Wi-Fi hotspots in Hong Kong under the Common Wi-Fi Brand scheme, Wi-Fi.HK. | No | No | iOS, Android and Windows | Developed by a contractor through tendering | $340,000 (Microsoft had sponsored the contractor to develop the Windows version) | $80,000 (Microsoft had sponsored the contractor to maintain the Windows version for first year) | $100,000 | Project commencement date: February 2014

Official launch date iOS and | 172 000 | Around 4 000 | Around 39% increase |

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
										Android: August 2014 Windows: September 2014			
Planning Department	City Gallery	This application has adopted indoor positioning technology to enable audio guided tour in English, Cantonese and Putonghua for different exhibition zones. Users can also check the latest events and exhibitions of the City Gallery with link to the relevant images and video clips.	No	No	iOS and Android	Developed by a contractor through tendering	$262,500	$97,500	Nil	Project commencement date App 1.0: November 2012 App 2.0: August 2013 Official launch date App 1.0: May 2013App 2.0: January 2014	4 584	Around 81	Around 27% increase
Radio Television Hong Kong (RTHK)	RTHK On The Go	Its functions include listening to Live Radio, watch Instant News, Photo News, Video News, Weather Forecast. Furthermore, the app also provides around 100 programmes of Podcast Highlights, and users can listen to or watch the latest ten episodes of each programme.	No	No	iOS, Android, Windows and Symbian	In-house development and developed by contractor through tendering	$200,000	Maintained internally and no additional expenditure was involved	Promoted through different platforms of RTHK	Official launch date iOS: 30 May 2010 Android: 13 March 2011 Windows: 24 December 2011 Symbian: 8 January 2012	1 716 259	Around 14 768	Around 12% of increase
Radio Television Hong Kong	Cat's World	Users can select funny frames and ANiCONs, added with photos, audio recording and freehand	No	No	iOS	Developed by a contractor through tendering	$56,000	Maintained internally and no additional expenditure	Nil	Project commencement date: May 2010	6 847 Off-shelf date:	Not Applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		drawings to create animation easily. Users can watch the winning animations of the Cat's World International Animation Festival and Animated Shorts Competition, the award ceremony and the workshop.						was involved		Official launch date: 22 November 2010

Off-shelf date: 30 June 2015 | 30 June 2015 | | |
| Radio Television Hong Kong (RTHK) | RTHK LENS | To promote the LENS photo competition of the RTHK eTVonline, this mobile app enables applicants to submit photos instantly and review other applicants' photos. | No | No | iOS and Android | In-house development | Developed and maintained internally. No additional expenditures were involved. | Developed and maintained internally. No additional expenditures were involved. | Promoted through different platforms of RTHK | Project commencement date: Q1 2011

Official launch date iOS: 13 September 2011 Android: Version 1.0 (off-shelved) 17 January 2013 Version 1.1 1 June 2015 | 5 870 | Around 49 | Around 11% increase |
| Radio Television Hong Kong (RTHK) | RTHK Thumb | RTHK Thumb is a mobile app based on TV programme "City Forum". Users can give instant response with the "Thumb Up", "Thumb down" buttons on the screen while watching the live broadcast, and | No | No | iOS | In-house development and developed by a contractor through tendering | $100,000 | Maintained internally and no additional expenditure was involved | Promoted through different platforms of RTHK | Official launch date: 19 September 2011 | 18 573 | Around 98 | Around 7% increase |

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		also express their views in the message board. Users can also review the period with the most "Thumb Up" or "Thumb Down", and share with friends or express their views via Facebook, Twitter and email.											
Radio Television Hong Kong (RTHK)	RTHK Node	Enables users to watch the Live Webcast and Video Archive of "鏗鏘集" and "Hong Kong Connection" via Wi-Fi or mobile network.	No	No	iOS	In-house development and developed by a contractor through tendering	$100,000	Maintained internally and no additional expenditure was involved	Promoted through different platforms of RTHK	Official launch date: 21 November 2011	29 848	Around 204	Around 9% increase
Radio Television Hong Kong (RTHK)	RTHK Prime	Displays RTHK video programme on tablet in a magazine layout. The user can create his / her layout by selecting individual channel from the default content list, including real-time news, video news, photo news, blogs, RTHK Facebook page, video Podcast, HK 300, RTHK+, etc.	No	No	iOS and Android	In-house development and developed by a contractor through tendering	$610,000	Maintained internally and no additional expenditure was involved	Promoted through different platforms of RTHK	Official launch date iOS: 12 December 2011 Android: 20 November 2012	123 257	Around 1 146	Around 13% increase
Radio Television Hong Kong	I want to be a LegCo Member	Uses quiz to increase user understanding of the function of Legislative Council and the work of LegCo members. It also encourages registered voters to vote and enhance their civic	No	No	iOS and Android	Developed by a contractor through tendering	$91,000	Maintained internally and no additional expenditure was involved	Nil	Official launch date iOS: 10 August 2012 Android: 8 August 2012	16 166	Around 246	Around 22% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		awareness.											
Radio Television Hong Kong (RTHK)	Chinese History – the Flourishing Age	Flourishing ages including the Han and Tang Dynasty are selected in the long Chinese history. Heroes and stories in these two dynasties are featured in audio drama, cartoon and text for easy understanding of the Chinese history. World events at the same period will also be shown. The app has functions of download and share. Users can either read the contents online or download individual events for offline reading, and share them through Google+, Facebook and Twitter.	No	No	iOS and Android	In-house development and developed by a contractor through tendering	$450,000	Maintained internally and no additional expenditure was involved	Promoted through different platforms of RTHK	Official launch date iOS: 21 November 2012 Android: 31 January 2013	66 297	Around 1 826	Around 49% increase
Radio Television Hong Kong (RTHK)	RTHK Cube	Provides an easy and simple way for users' mobile phones to access to RTHK's recommended music content. Users can search for favourite music, access to live radio programmes and share favourite music through social media.	No	No	iOS and Android	In-house development and developed by a contractor through tendering	$174,000	Maintained internally and no additional expenditure was involved	Promoted through different platforms of RTHK	Official launch date iOS: 17 June 2013 Android: 30 November 2013	41 208	Around 429	Around 14% increase
Radio Television Hong	RTHK Screen	Provides live webcast of RTHK TV 31 and 32, video-on-demand	No	No	iOS and Android	In-house development and	$250,000	Maintained internally and no additional	Promoted through different	Official launch date: 1 January 2014	251 020	Around 5 406	Around 35% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Kong (RTHK)		subscription. Users may also make a playlist of their favourite programmes for easy watching.				developed by a contractor through tendering		expenditure was involved	platforms of RTHK				
Radio Television Hong Kong (RTHK)	RTHK Vox	Users can use the app to shoot and upload their own music video to share their favorite songs. The selected videos will also be broadcasted in RTHK's YouTube channel.	No	No	iOS and Android	Developed by a contractor through tendering	$380,000	Maintained internally and no additional expenditure was involved	Promoted through different platforms of RTHK	Official launch date iOS: 20 June 2014 Android: 5 July 2014	5 610	Around 201	Around 75% increase
Radio Television Hong Kong (RTHK)	RTHK Memory	Your mobile library of RTHK classics productions, and a multimedia record of Hong Kong history. Users can use this app to upload photos and videos, to share the remarkable memory that connected with RTHK.	No	No	iOS and Android	In-house development and developed by a contractor through tendering	$280,000	Maintained internally and no additional expenditure was involved	Promoted through different platforms of RTHK	Official launch date iOS: 4 July 2014 Android: 28 July 2014	14 283	Around 499	Around 72% increase
Radio Television Hong Kong (RTHK)	RTHK Mine	Provides live radio RTHK, related video highlights, archives, traffic information and weather report. Users can use personalised settings such as "Favourite" and "Next programme" to create different playlists, and share with friends the popular programmes and video clips via social media.	No	No	iOS and Android	In-house development and developed by a contractor through tendering	$409,000	Maintained internally and no additional expenditure was involved	$1,134,400 and promoted through different platforms of RTHK	Official launch date: 19 September 2014	152 134	Around 4 334	Around 52% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Radio Television Hong Kong (RTHK)	RTHK News	Dedicated to the provision of RTHK news content in both Chinese and English, including latest news and news programmes. Users can listen to live programme of RTHK Radio 1 or Radio 3. Users can also use the "Push Alert" function to read the most updated world and local news.	No	No	iOS and Android	In-house development and developed by a contractor through tendering	$336,000	Maintained internally and no additional expenditure was involved	$755,400 and promoted through different platforms of RTHK	Official launch date: 24 August 2015	25 500	Not applicable	Not applicable
Security Bureau	Safeguard HK	Safeguard HK is a one-stop mobile platform providing useful information on safeguarding life and property in daily lives and while travelling.	No	No	iOS and Android	Developed by a contractor through tendering	$610,000	Maintained internally and no additional expenditure was involved	$60,000	Project commencement date: 17 July 2015 Official launch date: Late March 2016	Not applicable △	Not applicable	Not applicable
Social Welfare Department	Let Them Shine Gourmet Mobile App	Promote cafes operated by persons with disabilities and food made by PWDs.	No	No	iOS and Android	Developed by a contractor through tendering	2013/14 Development cost: $39,000 2014/15 Application Amendment: $9,600	$8,216	2013/14: $44,000 2014/15: Nil	Official launch date: 22 November 2013	Not available	Not available	Not available
Social Welfare Department	3E Mobile App	Promote social enterprises funded by Enhancing Employment of People with Disabilities through	No	No	iOS and Android	Developed by a contractor through tendering	$46,600	$9,546	2014/15: $49,500	Official launch date: 12 November 2014	Not available	Not available	Not available

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		Small Enterprise Project											
Social Welfare Department (SWD)	Senior Citizen Card Scheme	To facilitate both the elders and their family members to search and select the concessions and services under the Senior Citizen Card Scheme" of SWD	Elders and their family members	No	iOS and Android	Developed by a contractor through tendering	$147,000	$24,770	2015/16: $20,010	Official launch date: 15 September.2011	24 830⊕	Around 452	Around 28% increase
Tai Po District Council	"Tai Po Fun" – An app on Tourist Information on Tai Po	To provide the latest information on scenic beauty, restaurants, shopping areas in Tai Po.	No	No	iOS and Android	Developed by contractors through tendering	$180,111	$29,000	$5,500	Project commencement date: November 2013 Official launch date: March 2014	2 143	Around 48	Around 36% increase
Transport Department	Hong Kong eTransport	Public transport route enquiry service.	No	No	iOS and Android	Developed by contractors through tendering. The contractor is a local small and medium enterprise.	$1,100,000	Around $230,000	Nil	Project commencement date: November 2010 Official launch date iOS: August 2011 Android: November 2011	1 460 000	Around 13 333	Around 12% increase
Transport Department	Hong Kong eRouting	Driving route searching service.	No	No	iOS and Android	Developed by contractors through tendering. The contractor is a local small	$1,930,000	Around $110,000	Nil	Project commencement date: July 2012 Official launch date	129 000	Around 2 750	Around 34% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
						and medium enterprise.				iOS: March 2013 Android: January 2013			
Tuen Mun District Council (The Working Group on Economic Development in Tuen Mun under Commerce, Industry & Housing Committee)	Eco Shopping & Cultural Tour in Tuen Mun	To provide eco-shopping routes of Tuen Mun under the themes of "Play", "Eat" and "Buy" in order to promote the tourism of Tuen Mun.	No	No	iOS and Android	Developed by contractors through tendering	$180,000	$12,000	2013/14: $11,570 2015/16: $7,400	Project commencement date: 18 September 2013 Official launch date: 15 March 2014	2 635	Around 53	Around 32% increase
Tuen Mun District Council (The Working Group on Building Management under the Commerc	TuenMun BM	To promote the efficiency of building management in the district; To launch a mobile app to facilitate users to search for building management issues; and To increase public awareness on building management.	No	No	iOS and Android	Developed by contractors through tendering	$137,999	Not applicable (The contract covers one year free maintenance service)	2014/15: $520.2	Project commencement date: 10 November 2014 Official launch date: 18 March 2015	317	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
e, Industry & Housing Committee) & Tuen Mun District Office													
Vegetable Marketing Organization	Local Veggie Fresh	Local vegetables available for e-purchasing by the public.	No	No	iOS and Android	Developed by a contractor through tendering	$154,000	$25,440	Not Available	Official launch date iOS: December 2013 Android: November 2013	Around 19 900	Around 592	Around 55% increase
Vegetable Marketing Organization	Hong Kong Leisure Farms	To promote leisure farming and agro-tourism. It contains information of over 130 local leisure farms and tourist spots nearby, enabling the public to plan their visits to the farms.	No	No	iOS and Android	Developed by a contractor through tendering	$260,000 (Including first year maintenance)	2016/17: $18,000	$28,000	Project commencement date: July 2014 Official launch date:: December 2014	Around 5 700	Around 392	Around 470% increase
Vocational Training Council (VTC)	VTC@HK	VTC@HK provides a centralized platform for facilitating students, staff and general public to access IT resources and VTC formation. The current version of VTC@HK includes some useful functions like school news, events, latest timetable	3 groups of user (Public, Staff and Student)	No	iOS and Android	Developed by contractors through tendering	$473,200	Nil (Under the first year free warrantee)	Nil (Internal Promotion)	Project commencement date: 19 May 2015 Official launch date: 27 October 2015	16 220⊕	Not applicable	Not applicable

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		information, notification, telephone directory and Helpdesk Support etc.											
Vocational Training Council (VTC)	VTC@HK IM	This mobile app supplements VTC's Moodle Learning Management Platform through strengthening communication among students as well as between students and teachers. It allows students and teachers under the same Moodle course to share thoughts and collaborate interactively through the use of instant messaging, without the need of disclosing sensitive personal information such as mobile phone numbers.	2 groups of user (Staff and Student)	No	iOS and Android	Developed by contractors through tendering	$211,000	$30,000	Nil	Project commencement date: April 2015

Official launch date: November 2015 | 185⊕ | Not applicable | Not applicable |
| Vocational Training Council | 中學生升學必備 App (Chinese version only) | To provide information to the youths on vocational and professional education and training from diploma to degree level. | No | No | iOS and Android | Developed by contractors through tendering | $114,000 | $27,400 | Nil | Project commencement date: July 2012

Official launch date: November 2012 | 26 117 | Around 93 | Around 4% increase |
| Vocational Training Council (VTC) | V-Network | Mobile application V-network serves as a platform between VTC and Alumni, to facilitate | No | No | iOS and Android | Developed by contractors through tendering | $306,000 | Nil (Under the first 2-year free warrantee) | Nil | Project commencement date: 6 September | 7 990 | Around 83 | Around 14% increase |

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
		information sharing and assist alumni career development. Application features include job information, lifelong learning opportunities, alumni news, alumni benefits and privileges, event calendar, snapshot and photo sharing.								2013 Official launch date: 1 April 2014			
Vocational Training Council	CPD	To provide information to candidates of PEAK and allow users to get the latest CPD course details of the PEAK.	No	No	iOS	In-house development	Nil	Nil	Nil	Project commencement date: 30 January 2013 Official launch date: 3 October 2013	116	Around 1	Around 13% increase
Water Supplies Department (WSD)	WSD Mobile App	To enable public to browse water bill summary, bill reminder, temporary water suspension notices and important notifications of the WSD through mobile phones.	No	No	iOS and Android	Developed by a contractor	$1,565,000	$260,000	$5,330 spent on printing of leaflets	Project commencement date: April 2013 Launch of advance version iOS: 9 January 2014 Android: 30 December 2013 Official launch date: 22 April 2014	12 101	Around 355	Around 54% increase

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
West Kowloon Cultural District Authority	M+ Sigg Collection	M+ Sigg Collection app — a digital guide to enhance visitors' exhibition experience. Visitors can use it to learn about the art in front of them, hear from the artists and M+ curators, and keep a record of their favourite artworks to view at home.	Visitor of the exhibition as well as the international audience who are interested in the M+ Sigg Collection and M+ museum.	"M+ Sigg Collection"	iOS and Android	Developed by a contractor	$280,000	$4,000	Not applicable	Official launch date: 22 February 2016	Data not available/complete as the App has just been launched.△⊕※	Not applicable	Not applicable
West Kowloon Cultural District Authority	Someone Else (Hong Kong Version)	In Someone Else, the audience become the performers in a multi-part structured encounter that mixes sincerity, confession and humour, asking them to move out of the 'theatre' space and contemplate approaching a stranger somewhere in the city. Audience need to use the mobile app to participate into the performance.	Users who want to join "Some Else"	Someone Else (Hong Kong Version)	iOS and Android	Developed by a contractor	$100,000	$22,000 for half year	Not applicable	Official launch date: 19 January 2016	800△⊕※ (As of 1 March 2016)	Not applicable	Not applicable
West Kowloon	Freespace Happenin	The official mobile app for Freespace Happening,	Users who	Freespace Happenin	iOS and Android	Developed by a contractor	$150,000	$4,000	Not applicable	Official launch date:	10 000⊕※ (As of 1	Not applicable	Not applicabl

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Cultural District Authority	g	a series of free outdoor events at Hong Kong's West Kowloon on the second Sunday of each month. Visitors can download the free interactive guide and get up to date information in advance and during the event. Visitors can customize the programme to match their taste, explore the line up and artists details, map out where and where their favourite acts are performing, plan their own schedule and set up alerts to make sure they won't miss a thing. This app is made to enhance visitors' Freespace Happening experience.	attend Freespace Happening in Nursery Park	g in Nursery Park						9 August 2015	March 2016)		e
Wong Tai Sin District Fight Crime Committee	Happy WTS	To disseminate fight crime messages to the public. It also comes with a game designed to enhance public awareness about fighting crime.	No	No	Android	Developed by contractors through tendering	$50,000	Not applicable (No maintenance service required)	$10,000	Project commencement date: 2 August 2013

Official launch date: 3 October 2013

Off-shelf date: 31 January 2014 | 289

Off-shelf date: 31 January 2014 | Not applicable | Not applicable |
| Yau Tsim | YTM | Users can search for | Mums | No | iOS and | Developed by | $150,000 | Not applicable | Not | Project | 1 366⊕ | Not | Not |

Government Department	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commencement Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloads over Last Year (%)
Mong District Council (The Working Group on Women's Affairs) & Yau Tsim Mong District Office	Breastfeed	information on breastfeeding, locations, opening hours, facilities and photos of babycare rooms in shopping malls and government premises in Yau Tsim Mong District.	who will breastfeed		Android	contractors through tendering		(The contract covers one year free maintenance service)	applicable	commencement date: November 2014 Official launch date: March 2015		applicable	applicable
Yuen Long District Council	Heritage in Kam Tin	To introduce the heritages in Shui Tau Tsuen and Sui Mei Tsuen of Kam Tin, Yuen Long.	No	No	iOS and Android	Developed by contractors through tendering	$269,000	Not applicable (No maintenance service required)	Not applicable (No detailed breakdown as the promotion of apps is incorporated in the promotion materials of other subjects)	Project commencement date: March 2011 Official launch date: October 2011	Not available	Not available	Not available
Yuen Long District Office	Pilot Scheme on Enhancement of District Administration Through District Managem	To introduce the three projects implemented by YLDO under Pilot Scheme: (i) Curbing shop front extensions (viz. clearance of unauthorised platforms on pavement and illegal structures); (ii) Clearing illegally-parked bicycles;	No	No	iOS and Android	Developed by contractors through tendering	$59,000	Not applicable (The contract covers one year free maintenance service)	$11,510	Project commencement date: March 2015 Official launch date: October 2015	1 056	Not applicable	Not applicable

Governm ent Departm ent	App Name	Content and Purpose	For specific users? If yes, who are they?	For one-off public events? If yes, what are they?	Applicable Platform	Mode of Development	Development Cost	System Maintenance Cost	Promotion Expenditure	Project Commenceme nt Date & Official Launch Date	Usage as at 29 Feb 2016 (total number of downloads)	Average Monthly Number of New Users Last Year	Change in the Number of Downloa ds over Last Year (%)
ent Committe es in Yuen Long		and (iii) Enhancing anti-mosquito efforts/grass-cutting. Users can also locate the proper parking in close proximity to them with the Global Positioning System.											

Note: As the nature and target users of each mobile app are different, it is difficult to come up with a common definition for "active users".   In this connection, such data is not available.

△: Mobile app which has been launched for less than 3 months.
※: Mobile app on a one-off public event.
⊕: Mobile app which targets specific user groups.

Information on the mobile apps to be developed by B/Ds and public organisations in 2016-17

Government Department	App Name	Content and Purpose	Platform	Mode of Development	Estimated Development Cost	Estimated System Maintenance Cost	Estimated Promotion Expenditure	Expected Launch Date
Buildings Department	MBIS/MWIS Mobile App	To provide the public with a convenient way to understand MBIS/MWIS via pictures, flowcharts, FAQ, etc.	iOS and Android	To be developed by contractors through tendering	$299,000	$30,000	Nil	Mid-2016
Census and Statistics Department	Mobile e-Questionnaire Application	For the public to provide survey data for the 2016 Population By-Census.	iOS and Android	To be developed by contractors through tendering	Included in the development cost of the e-Data Collection sub-systems for the 2016 Population by Census. No separate breakdown is available.	Not applicable	Included in the promotion expenditure for the 2016 Population By-Census. No separate breakdown is available.	30 June 2016
Civil Aviation Department (CAD)	CAD Conference Information Centre	The mobile apps provides the general public with update information and developments in the aviation sector. It also provides participants of large scale conference/meetings held at the CAD Headquarters with related information such as agenda, working papers, announcement, transportation arrangement and video conference records etc.	iOS and Android	In-house development	To be developed internally and no additional expenditure will be involved.	To be maintained internally and no additional expenditure will be involved.	Nil	Project commencement date: Q2 2015 Estimated trials and launch dates: Q4 2015 to Q2 2016
Civil Engineering and Development Department	Bowen Road Slope Study Trail	An interactive audio tour introducing common landslide prevention and mitigation works to the public.	iOS	To be developed by contractors through tendering	$150,000	To be maintained internally and no additional expenditure will be involved.	Nil	July 2016
Department of Health (Infection Control Branch)	HKeIC	HKeIC provides a mobile platform in infection control training. Users can use this app to learn proper ways of donning and removal of personal protective equipment,	iOS and Android	To be developed by contractors through tendering	$150,000	$30,000 Cost for Security Risk Assessment and Audit: $32,952.75	There is no expenditure information specific to the promotion of this app.	April 2016

Government Department	App Name	Content and Purpose	Platform	Mode of Development	Estimated Development Cost	Estimated System Maintenance Cost	Estimated Promotion Expenditure	Expected Launch Date
		Infection Control Precautions, Hand Hygiene Techniques and Moments for Hand Hygiene.						
Department of Health (Special Preventive Programme)	1069試戴樂 (English version)	To promote Human Immunodeficiency Virus Antibody Test and safer sex to men who have sex with men, incorporate English version and to enhance information updating and retrieving functions.	iOS and Android	To be developed by contractors through tendering	Subject to the result of the tender exercise.	Subject to the result of the tender exercise.	To be confirmed at a later stage.	March 2017
Development Bureau's Energizing Kowloon East Office in collaboration with Lands Department	Smart Kowloon East (tentative)	The mobile app aims to promote the Smart City initiative and will serve as an interactive information platform, making use of geospatial information to facilitate better communication and real-time date sharing for Kowloon East.	iOS and Android	In-house development	To be developed internally and no additional expenditure will be involved.	To be maintained internally and no additional expenditure will be involved.	To be promoted through GovHK Apps and EKEO website; no additional expenditure will be involved	Q3 2016
Education Bureau	Profile of Kindergartens or Kindergarten-cum-child Care Centres (KG Profile) 2016	To enhance the transparency of kindergartens and provide relevant information to facilitate parents to make informed choices for their children.	iOS and Android	To be developed by contractors through tendering	The development cost of this mobile app was subsumed in the cost of the whole project on the KG Profile. As it is not a stand-alone project, breakdown is not available.	The system maintenance cost of this mobile app was subsumed in the project on the KG Profile. As it is not a stand-alone project, breakdown is not available.	Not applicable	September 2016
Environmental Protection Department	Explore the Sludge Treatment Facility (STF)	The app is to provide useful information regarding services booking and other interesting facts about the STF. Through the use of the apps' interactive map, photo-taking and other exploratory/guidance features, it will provide visitors and the public a handy	iOS and Android	To be developed by contractors through tendering	$710,000	$50,000	Nil	Q2 2016

Government Department	App Name	Content and Purpose	Platform	Mode of Development	Estimated Development Cost	Estimated System Maintenance Cost	Estimated Promotion Expenditure	Expected Launch Date
		way to explore the Environmental Education Centre of the STF and enhance visitors' enjoyment during their visits.						
Fire Services Department	Catch time, save life (Game app)	This mobile app contains five Mini-Games to promote the services offered by the Control Stream of the Fire Services Department.	iOS and Android	To be developed by contractors through tendering	$105,000	$15,000	$30,000	May 2016
Fish Marketing Organization	Local Fresh	Retail and promotion of Local Seafood.	iOS and Android	To be developed by contractors through tendering	$120,000	$20,000	$50,000	April 2016
Food and Environmental Hygiene Department	Internet Memorial Service Mobile App	To facilitate the public in paying tribute to their beloved who have passed away; provide information on post-death arrangements; and promote green burial.	iOS and Android	To be developed by contractors through tendering	iOS: $150,000 Android: $150,000	To be maintained internally and no additional expenditure will be involved.	Promotion for the mobile app will be included in the green burial promotion. No separate breakdown is available	Around middle of 2016
Hong Kong Examinations and Assessment Authority	HKDSE mobile application	To provide information to candidates and members of the public regarding the Hong Kong Diploma of Secondary Education (HKDSE) Examination and allow users to get the latest and important news of the HKDSE Examination.	iOS and Android	To be developed by contractors through tendering	2016-17 (6.0 version): Around $30,000	$120,000 (Include rental for dedicated server and bandwidth service)	Not applicable	December 2016
Hongkong Post	Mobile app for ShopThruPost	Facilitate the use of Hongkong Post's e-shopping platform (ShopthruPost) via mobile platform.	iOS and Android	To be developed by contractors	$400,000	To be maintained internally and no additional cost will be involved.	Nil	Q4 2016
Hospital Authority	Book HA	To enable patients in making Specialist Outpatient Clinic new case booking.	iOS and Android	In-house development	$500,000	To be maintained internally and no additional cost will be involved.	Not applicable	March 2016
Hospital Authority	Obstetric Mobile App	To provide precise and updated health information in order to empower pregnant ladies by improving their knowledge.	iOS and Android	To be developed by contractors through tendering	$590,000	$57,000	Not applicable	Q3 2016

Government Department	App Name	Content and Purpose	Platform	Mode of Development	Estimated Development Cost	Estimated System Maintenance Cost	Estimated Promotion Expenditure	Expected Launch Date
Hospital Authority	Prince of Wales Hospital and North District Hospital STOMA Care	To support stoma patients in their self-care.	iOS and Android	In-house development	$100,000	To be maintained internally and no additional cost will be involved.	Not applicable	iOS June 2016 Android To be planned
Independent Commission Against Corruption (ICAC)	ICAC Smartphone App 2.0 (upgrade of the existing ICAC Smartphone App)	Provides ICAC information and promotes probity messages.	iOS and Android	To be developed by contractors	$568,420	To be maintained internally and no additional cost will be involved.	To be promoted through suitable ICAC activities	Q3 2016
Lands Department	VoiceMapHK	"VoiceMapHK" is a pilot digital inclusion mobile map app, it takes advantages of the "Voice-over feature" of smartphones, facilitating the visually impaired users to retrieve location information conveniently. The location information provided by the App will be supplemented with orientation and distance information, in which further helps the visually impaired users to understand the surrounding environment.	iOS	In-house development	To be developed internally and no additional cost will be involved.	To be maintained internally and no additional cost will be involved.	To be promoted internally and no additional expenditures will be involved	Q1 2016
Leisure and Cultural Services Department	Museum Multi-media Information Guide system (MMGS)	Equipped with indoor positioning function, the system will allow visitors to use the app to obtain multi-media information of exhibits or enjoy personalized guided tours in the Hong Kong Science Museum and Hong Kong Space Museum.	iOS and Android	To be developed by contractors through tendering	Development cost is included in the project of the MMGS; as it is not an individual project, no separate breakdown is available.	Subsumed in the maintenance cost of MMGS; no separate breakdown is available.	To be confirmed.	Official launch date: October 2016
Leisure and Cultural Services Department	"Bamboo in Our Life: Museum of Art at My Home" (tentative	To provide general information on highlighted exhibits and bamboo culture, interactive and educational	iOS and Android	To be developed by contractors through tendering	$150,000	$15,000	Nil (To be included in the expenditure for the	August 2016

Government Department	App Name	Content and Purpose	Platform	Mode of Development	Estimated Development Cost	Estimated System Maintenance Cost	Estimated Promotion Expenditure	Expected Launch Date
	title)	games to the "Bamboo in Our Life: Museum of Art at My Home" Education Programme.					publicity of the exhibition)	
Tourism Commission	Provision of Mobile Applications of "A Symphony of Lights" (SoL)	To provide an e-option for visitors and the public to tune into the music and narration of the SoL and share information on the show through hand-held phones.	iOS and Android	To be developed by contractors through tendering	Subject to the result of the tender exercise	Subject to the result of the tender exercise	Nil (To be promoted by Hong Kong Tourism Board's official website)	Q1 2017
Transport Department	Special Traffic and Transport News (Name to be determined)	Notifications on traffic and transport incidents, and traffic and transport arrangements for large scale events and major road works.	iOS and Android	To be developed by contractors through tendering	$500,000 (including maintenance for the first two years)	$100,000	Nil	Q2 2016
Working Family and Student Financial Assistance Agency	Application Tracking and Appointment Booking of Student Finance Office	Application tracker: Applicants can be notified of the updated status of their applications through the push mails. Booking of counter service: Applicants can make appointment of counter services through the mobile application.	iOS and Android	To be developed by contractors	Around $500,000	Around $101,000	To be confirmed	Q1 2018

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2303)

Head: (47) Government Secretariat : Office of the Government Chief
                          Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the launching of the "Enriched IT Programme in Secondary Schools" during the 8 school years from 2015/16 to 2022/23 with an approved provision of $75 million, please advise on the following:

(1)   Details of the 8 partner schools selected to run enriched IT classes during the school years from 2015/16 to 2022/23

Partner School	Amount of Grant ($)	IT Class (Form and Number of Students)	Content and Nature of Curriculum	Number of Class Hours Completed (as at 29 Feb 2016)	Attendance Rate of Students (as at 29 Feb 2016)
Cheung Sha Wan Catholic Secondary School					
Christian Alliance SW Chan Memorial College					
Pak Kau College					
Pui Ching Middle School					

Shun Tak Fraternal Association Yung Yau College					
St. Paul's Convent School					
The Y.W.C.A. Hioe Tjo Yoeng College					
Tin Ka Ping Secondary School					

(2) Please advise on the total number of enriched IT activities organised by the partner schools in 2015/16 and the estimated number of places for students in these activities in the table below:

Partner School	Co-organiser	Title of Activity	Content and Nature	Date and Venue of Activity	Estimated Number of Places for Students and their Forms	Activity with/without Charge (if the former, how much is the charge)

(3) Please advise on the total number of activity programmes awarded to non-partner schools in 2015/16 and the estimated number of places for students in these activities in the table below:

School	Co-organiser	Title of Activity	Content and Nature	Amount of Grant	Activity with/without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms

Reply:

The required information is provided as follows:

(1) Please refer to **Annex 1** for details of the enriched IT classes organised by partner schools in the 2015/16 school year.

(2) Please refer to **Annex 2** for details of the enriched IT activities organised by the partner schools in the 2015/16 school year.

(3) Please refer to **Annex 3** for details of the enriched IT activities to be organised by non-partner schools in 2016 with the Government's funding supportgrant.

Details of Enriched IT Classes Organised by Partner Schools

Partner School	Amount of Grant（$）（2015/16-2022/23 School Year）	IT Class（Form & Number of Students）[1]	Content of Curriculum (2015/16 School Year）	Nature	Number of Class Hours Completed[1]	Attendance Rate of Students[1]
Cheung Sha Wan Catholic Secondary School	$1 million one-off facility grant and $5 million class grant	S2：36 Persons	S2 Creative Thinking (Core Module)	Lecture/ Exercise/ Workshop/ Group Discussion/ Small & Group Projects/Visit	24 hours	94%
			S2 Mobile Apps (Core Module)	Ditto	21 hours	94%
			S2 Digital Games (Core Module)	Ditto	18 hours	94%
			S2 Aerial Photography and Videography (Elective Module)	Ditto	30 hours	100%
Christian Alliance SW Chan Memorial College	$1 million one-off facility grant and $5 million class grant	S2：23 Persons	S2 Creative Thinking (Core Module)	Workshop/ Group Discussion/ Visit	30 hours	96%
			S2 Mobile Apps (Core Module)	Ditto	30 hours	92%
			S2 Digital Games (Core Module)	Ditto	6 hours	100%
			S2 Information Literacy Multi-media Exercise (Elective Module)	Group Project	3 hours	100%
Pak Kau College	$1 million one-off facility grant and $5 million class grant	S2：36 Persons	S2 Creative Thinking (Core Module)	Exercise/ Workshop/ Group Discussion/ Small & Group Projects	24 hours	90%
			S2 Mobile Apps (Core Module)	Exercise/ Workshop/ Group Discussion/ Small & Group Projects/Visit	24 hours	90%

Partner School	Amount of Grant（$）（2015/16-2022/23 School Year）	IT Class（Form & Number of Students）[1]	Content of Curriculum (2015/16 School Year）	Nature	Number of Class Hours Completed[1]	Attendance Rate of Students[1]
			S2 Digital Games (Core Module)	Ditto	6 hours	100%
			S2 Images Processing (Elective Module)	Ditto	Commence in early May	No information
Pui Ching Middle School	$1 million one-off facility grant and $6.5 million class grant	S2：31 Persons	S2 Creative Thinking (Core Module)	Lecture / Workshop / Group Discussion / Visit	24 hours	90%
			S2 Mobile Apps (Core Module)	Lecture / Exercise / Workshop / Group Discussion / Group Project / Reflection	24 hours	90%
			S2 Digital Games (Core Module)	Ditto	6 hours	100%
			S2 Introduction to Basic Algorithms (Elective Module)	Lecture / Workshop / Online Judge	18 hours	90%
		S4：27 Persons	S4 Software Development & Technology Appreciation 1 (Core Module)	Lecture / Workshop / Online Judge	48 hours	94%
			S4 Special Topics: Arrange students to join STEM competition (Project Module)	Special Topics	24 hours	94%
Shun Tak Fraternal Association Yung Yau College	$1 million one-off facility grant and $6.5 million class grant	S2：32 Persons	S2 Creative Thinking (Core Module)	Lecture / Exercise / Workshop / Group Discussion / Small & Group Projects / Visit	42 hours	88%
			S2 Mobile Apps (Core Module)	Ditto	Commence in early April	No information
			S2 Digital Games (Core Module)	Ditto	Commence in early April	No information

Partner School	Amount of Grant（＄）（2015/16-2022/23 School Year）	IT Class（Form & Number of Students）[1]	Content of Curriculum (2015/16 School Year）	Nature	Number of Class Hours Completed[1]	Attendance Rate of Students[1]
			S2 System and technical document writing, presentation skill and ICT system design and development project(1) (Elective Module)	Ditto	65 hours	92%
		S4：25 Persons	S4 Software Development & Technology Appreciation 1 (Core Module)	Lecture/ Exercise/ Workshop/ Group Discussion/ Small & Group Projects	68 hours	90%
			S4 Special Topics: Design and Develop a ICT System to Improve Quality of Daily Life (Project Module)	Special Topics	20 hours	96%
St. Paul's Convent School	$1 million one-off facility grant and $5 million class grant	S2：70 Persons	S2 Creative Thinking (Core Module)	Lecture/ Exercise/ Workshop/ Group Discussion/ Small & Group Projects	24 hours	95 %
			S2 Mobile Apps (Core Module)	Discussion/ Hands-on experience/ Group work/ Peer evaluation and creative and logical thinking	24 hours	93 %
			S2 Digital Games (Core Module)	Ditto	15 hours	98 %
			S2 Graphic Design and animations with Adobe Family and Web development with HTML and Dreamweaver (Elective Module)	Ditto	15 hours	93 %
The Y.W.C.A. Hioe Tjo Yoeng College	$1 million one-off facility grant and $5 million class grant	S2：35 Persons	S2 Creative Thinking (Core Module)	Exercise/ Workshop/ Group Discussion/ Small & Group Projects/Visit	24 hours	97%

Partner School	Amount of Grant（$）（2015/16-2022/23 School Year）	IT Class（Form & Number of Students）[1]	Content of Curriculum (2015/16 School Year）	Nature	Number of Class Hours Completed[1]	Attendance Rate of Students[1]
			S2 Mobile Apps (Core Module)	Ditto	21 hours	93%
			S2 Digital Games (Core Module)	Ditto	Commence in early April	No information
			S2 Advance Mobile Apps (Elective Module)	Ditto	Commence in early May	No information
Tin Ka Ping Secondary School	$1 million one-off facility grant and $5 million class grant	S2：35 Persons	S2 Creative Thinking (Core Module)	Exercise/ Workshop/ Group Discussion/ Small & Group Project/Visit	21 hours	90%
			S2 Mobile Apps (Core Module)	Ditto	30 hours	90%
			S2 Digital Games (Core Module)	Ditto	Commence in early April	No information
			S2 Robotics Foundation (Elective Module)	Ditto	Commence in early April	No information

[1]   as at 29 February 2016

Details of Enriched IT Activities Organised by Partner Schools

Partner School	Co-organiser	Title of Activity	Content & Nature	Date & Venue of Activity	Estimated Number of Places for Students and their Forms	Activity with/without Charge (if the former, how much is the charge)
Cheung Sha Wan Catholic Secondary School	ICT-in-PE Foundation, eeLearner Ltd., NOW Advertising Production Ltd.	Hong Kong DIY Robotics STEM Challenge 2016	Robotics design and competition	4/5 2016 Cheung Sha Wan Catholic Secondary School	300 primary and secondary students	Free
	ICT-in-PE Foundation, eeLearner Ltd., NOW Advertising Production Ltd.	Hong Kong STEM Enterprise Challenge 2016	ICT and STEM design and competition	30/4/2016 Cheung Sha Wan Catholic Secondary School	30 S1-S6	Free
	Hong Kong Institute of Vocational Education (Shatin)	Interactive Art and Music workshop with 3D Printing	Applied 3D printing in art workshop	7 to 8/2016 Hong Kong Institute of Vocational Education (Shatin)	30 S2-S4	Free
Christian Alliance SW Chan Memorial College		Science Park half day tour	Green Trail, Green Concepts, Professor Charles K. Kao: The Father of Fibre Optic Communications Showcase and Smart Living @ Science Park	24/10/2015 Science Park	40 S1-S2	Free
		3D Printing Workshop	TinkerCAD 3D printing Workshop	1,2,3&4/2/2016 Christian Alliance SW Chan Memorial College	80 secondary students	Free
		Minecraft Training Class	Applied STEM learning, Minecraft Workshop	24/2/2016, 29/2/2016 1/4/2016 Christian Alliance SW Chan Memorial College	150 secondary students	Free
		Augmented Reality (AR) Experience Course	Unity 3D Augmented Reality Workshop	7,14&21/5/2016 Christian Alliance SW Chan Memorial College	75 secondary students	Free
		Augmented Reality (AR) Advanced Course	Unity 3D Augmented Reality & Kinect technology workshop	8/7/2016 Christian Alliance SW Chan Memorial College	25 secondary students	Free

Partner School	Co-organiser	Title of Activity	Content & Nature	Date & Venue of Activity	Estimated Number of Places for Students and their Forms	Activity with/without Charge (if the former, how much is the charge)
Pak Kau College	iFuture Education Association, EDB, Microsoft, Hong Kong Digital Game Based Learning Association	Animation design workshop for Chinese History	Making use of IT to design an animation in Chinese History	21/11/2015 Pak Kau College	62 secondary students	Free
	iFuture Education Association, Microsoft, Hong Kong Digital Game Based Learning Association, University of Hong Kong	STEM Learning Fair 2016	Teacher conference, student competition and student learning showcase	19/3/2016 Pak Kau College	300 primary and secondary students	Free
	iFuture Education Association, Hong Kong Digital Game Based Learning Association	3D printing workshop	3D design and printing workshop	21/5/2016 Pak Kau College	30 secondary students	Free
Pui Ching Middle School	Kowloon City District Secondary School Heads Association	OGCIO-EITP Sharing Session - Introduce Innovative Technology Design Laboratory	Pui Ching Middle School EITP briefing session	14/1/2016 Pui Ching Middle School	90 teachers	Free
	The Hong Kong Association for Computer Education	HKBU High Performance Cluster Computing Centre	Visit High Performance Cluster Computing Centre, HKBU	19/2/2016 Hong Kong Baptist University	50 S2-S5	Free
	The Hong Kong Association for Computer Education	Experiential workshop on Mobile Programming	App Inventor Mobile App and Robot Control Program Workshop	16/4/2016 Pui Ching Middle School	30 S2-S3	Free
	The Association of Hong Kong Chinese Middle Schools	OGCIO-EITP Sharing Session - Introduce Innovative Technology Design Laboratory	Pui Ching Middle School EITP briefing session	5/5/2016 Pui Ching Middle School	150 teachers	Free
	La Salle College	Inter-school Programming Competition	Inter-school Programming Competition	Early 7/2016 Pui Ching Middle School	90 secondary students	Free

Partner School	Co-organiser	Title of Activity	Content & Nature	Date & Venue of Activity	Estimated Number of Places for Students and their Forms	Activity with/without Charge (if the former, how much is the charge)
			(ACM mode) Team of 3 members programming competition			
Shun Tak Fraternal Association Yung Yau College		Computer programming training – Foundation introduction	Computer programming and system development workshop for primary students	24, 31/10/2015 & 7/11/2015 Shun Tak Fraternal Association Yung Yau College	30-35 P3-P6 students	Free
		Computer programming training – Advance game design	Computer games design workshop for primary students	9, 16, 23, 30/1/2016 Shun Tak Fraternal Association Yung Yau College	30-35 P3-P6 students	Free
		Game and programming competition	Game and programming competition for primary students	3/2016 Shun Tak Fraternal Association Yung Yau College	30-35 P3-P6 students	Free
		Student ICT System Exhibition	For students to demonstrate their ICT innovative invention and game development product	23/4/2016 Yuen Long Theatre	60 S2 & S4	Free
		ICT Further Study and Career Talk	Inviting ICT industry experts and our school old boys from ICT sector to deliver speech about ICT career for secondary and primary students	2016/12/3 Shun Tak Fraternal Association Yung Yau College	500 secondary students	Free
		ICT Organisation and Industry Visit	Visit and study ICT organisations, universities etc.	7/2/2016 Cyberport	30 S2 & S4	Free
St. Paul's Convent School	To be decided	App jamming	Mobile Apps module Targeted at students in S1 to S3 in HK schools	Early 7/2016 St. Paul's Convent School	30 secondary students	Free
	To be decided	Robotics	Robotics workshop Targeted at students in S2 to	Early 7/2016 St. Paul's Convent School	30 secondary students	Free

Partner School	Co-organiser	Title of Activity	Content & Nature	Date & Venue of Activity	Estimated Number of Places for Students and their Forms	Activity with/without Charge (if the former, how much is the charge)
			S4 in HK schools			
	To be decided	Ebook development	Apple iBook workshop	Late 6/2016 St. Paul's Convent School	30 secondary students	Free
		Hour of Code	EITP Students led an Hour Of Code workshop for 14 visiting students from Sichuan	11/3/2016 St. Paul's Convent School	84 secondary students	Free
The Y.W.C.A. Hioe Tjo Yoeng College		Scratch students' work Exhibition & Workshop	Introduction to Scratch and make simple games	8/11/2015 The Y.W.C.A. Hioe Tjo Yoeng College	45 P3-S4	Free
		App Inventor 2 short courses	Introduction to App Inventor 2 and make simple mobile apps	23/4/2016 The Y.W.C.A. Hioe Tjo Yoeng College	35 S1-S3	Free
		Unity Game Development Course	Use the game engine to develop a simple mobile game	25/6/2016 The Y.W.C.A. Hioe Tjo Yoeng College	35 S1-S3	Free
Tin Ka Ping Secondary School		1st EITP Briefing Session & Course Demonstration	A Briefing session for our form 1 and form 2 students	2015/8/16 Tin Ka Ping Secondary School	81 S1-S2	Free
	PixeZ Creative Company, Manli 3D Printer Vendor, HKIEd	3D Inside Out	The four consecutive 3D, printing, animation and advanced design software workshop	28/1/2016, 4/2/2016, 12/2/2016, 18/2/2016 25/2/2016, 3/3/2016, 10/3/2016 Tin Ka Ping Secondary School 12/2/2016 HKIEd	120 secondary students	Free
	PixeZ Creative Company, Manli 3D Printer Vendor, HKIEd	3D Stop Motion Workshop	3D Printing and Stop Motion creation workshop	30/4/2016, 7/5/2016, 21/5/2016, 28/5/2016 29/5/2016 HKIEd	40 secondary students	Free
	Everbest Technologies, HKU	mBot Workshop & Competition (STEM in mBot)	The five consecutive mBot workshop, competition & visit the HKU	9/4/2016 Tin Ka Ping Secondary School 7/5/2016,	60 primary and secondary students	Free

Partner School	Co-organiser	Title of Activity	Content & Nature	Date & Venue of Activity	Estimated Number of Places for Students and their Forms	Activity with/without Charge (if the former, how much is the charge)
			Advanced Robotics Laboratory	16/7/2016 18-28/7/2016, 30/7/2016, 31/7/2016 HKU		

Details of Enriched IT Activities Organised by Non-Partner Schools

School	Co-organiser	Title of Activity	Content & Nature	Amount of Grant	Activity with / without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms
AD & FD POHL Leung Sing Tak College	Discovery Technologies Limited	Creative 3D Product Design Electronic Workshop	3D product design workshops	48,500	Free	2016	600-800 S1-S3
Baptist Lui Ming Choi Secondary School	To be decided	Developing aspiration of IT innovation through training in IOT technology and STEM skills and joint-school competitions	Workshops on Scratch programming, Arduino, Cloud, IOT technologies/Skills,	50,000	Free	2016	20 S1-S6
Baptist Wing Lung Secondary School	To be decided	Developing aspiration of IT innovation through training in IoT technology and STEM skills and joint-school competition	Workshops on Scratch programming, Arduino, Cloud, IOT technologies/Skills,	50,000	Free	2016	20 S1-S6
C.C.C. Kei Chi Secondary School	Intelligent Software Co. Ltd.	Quadcopters training Program and Aerial photography day (Talk and Workshop)	Training on Aerial Photography	49,480	Free	2016	190 S1-S3
C.C.C. Rotary Secondary School	Fevaworks	Virtual Reality Programme	Virtual Reality Programme	49,000	Free	2016	820 P5-S3
Catholic Ming Yuen Secondary School	Intelligent Software Co. Ltd.	Quadcopters training Program	Quadcopters Training Programme	49,750	Free	2016	20-25 S1-S6
CCBS Mrs. Aw Boon Haw Secondary School	Intelligent Software Co. Ltd.	Robot Short Course – mBot / mBlock / Arduino Training Program	Training on mBot/mBlock/ Arduino development	49,700	Free	2016	20-25 S1-S6
CCC Mong Man Wai College	Intelligent Software Co. Ltd.	Quadcopters training Program and Aerial photography day (Talk and Workshop)	Quadcopters & Aerial photography Training Programme	49,750	Free	2016	770 S1-S6
Chan Sui Ki (La Salle) College	To be decided	App programming courses	App programming in mobile phone (Android platform, using Construct2 App authoring software)	50,000	Free	2016	50 S2-S5
Cheung Chuk Shan College	Intelligent Software Co. Ltd.	Mobile Application Development and Robotic Exploration – Arduino Training Program	Workshops on Arduino and mobile app development	49,700	Free	2016	30 P4-P6, S3-S5
Chinese	Dreamerbring	Training Course for	Smart Home	50,000	Free	2016	20

School	Co-organiser	Title of Activity	Content & Nature	Amount of Grant	Activity with / without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms
YMCA College	Solutions Limited	Smart Home Maker	Design using coding, 2D/3D design and networking				S2-S5
Christian & Missionary Alliance Sun Kei Secondary School	Coding101 and Everbest Limited	Creativity IT STEM Activities Programme towards robotics, coding and Bio-Potential Control	Workshops on Scratch programming, Arduino, and Bio-Potential Control	50,000	Free	2016	30 S1-S5
Christian Alliance Cheng Wing Gee College	HKU Department of Computer Science	Scratch your Learning	Game design workshop and competition	50,000	Free	2016	36 S1-S3
CMA Secondary School	i-stem Association /HK Maker Club	Creative CommonsArm	Workshop on controlling meArm by Arduino, Bluetooth and hand gesture	50,000	Free	2016	60 S2-S5
Cognitio College (Kowloon)	Hong Kong New Generation Cultural Association/ Semia Ltd./ CUHK/HKUST Summer Institute	"Mission I'm Possible" – Intelligent Retriever in Inaccessible Locations	Workshop on robotics and aerial videography	50,000	Free	2016	800 P5-S5
De La Salle Secondary School, N.T.	Intelligent Software Co. Ltd.	De La Salle Sec. Sch., N.T. – Enriched IT Activities Programme 2016	Trainging on programming using MS Expression, Artrage, Smart Apps Creator	48,600	Free	2016	30 S4,S5
ELCHK Lutheran Secondary School	To be decided	Developing aspiration of IT innovation through training in IOT technology and STEM skills and joint-school competition	Workshops on Scratch programming, Arduino, Cloud, IOT technologies/Skills,	50,000	Free	2016	20 S1-S6
Fanling Kau Yan College	To be decided	Developing aspiration of IT innovation through training in IOT technology and STEM skills and joint-school competition	Workshops on Scratch programming, Arduino, Cloud, IOT technologies/Skills,	50,000	Free	2016	20 S1-S6
Henrietta Secondary School	Intelligent Software Co. Ltd.	Aerial photography day (Outing and Workshop)	Training on Aerial Photography	46,500	Free	2016	20-25 S1-S6
Heung To Middle School (Tin Shui Wai)	Discovery Technologies Limited	Product Design Workshop for Smart Home Applications	3D modeling and design workshop and competition	49,500	Free	2016	30 S1-S4
HKSKH Bishop Hall Secondary School	Big Dipper Studio	Digital Art and Virtual Reality Programming	Workshop on 3D art design and VR programming	50,000	Free	2016	30 S4
HKTA The Yuen Yuen Institute No. 2	Intelligent Software Co. Ltd.	2D Anime Design Training Program and 3D Anime	Training on 2D & 3D Anime Design using MS	49,980	Free	2016	20-25 S1-S5

School	Co-organiser	Title of Activity	Content & Nature	Amount of Grant	Activity with / without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms
Secondary School		Design Training Program	Expression, CrazyTalk, iClone and competition				
HKTA The Yuen Yuen Institute No. 3 Secondary School	Intelligent Software Co. Ltd.	Quadcopters training Program	Quadcopters Training Programme	49,750	Free	2016	20-25 S1-S5
HKUGA College	Kotech Educational Limited	Innovative IT Activities Programme towards 3D printing and Augmented Reality (AR) in HKUGA College	Workshop on 3D Modeling and Augmented Reality	45,600	Free	2016	~300 S1-S3
Ho Dao College (Sponsored by Sik Sik Yuen)	Intelligent Software Co. Ltd.	Aerial Photography Activities (Talk and Workshop) and Quadcopter Assembly Training Program	Quadcopters & Aerial photography Training Programme	49,750	Free	2016	Seminar: ~330 Workshop & class: 20 S2-S4
Ho Ngai College (Sponsored by Sik Sik Yuen)	SmartObject Network Limited	The Rise of Micro-controller	Workshop on mBot and robot control	49,970	Free	2016	160 P5,P6 & S3
Holy Trinity College	Discovery Technologies Limited	Arduino Coding and 3D Printing Workshop	3D modeling and design workshop and competition	49,600	Free	2016	120 S1-S4
Hong Kong Sea School	To be decided	Be a flying camera man	Training on Aerial Photography	50,000	Free	2016	20 S2-S6
Hong Kong Tang King Po College	Intelligent Software Co. Ltd.	Digital Art Training Program and 2D & 3D Anime Design Training Program	Training on 2D & 3D Anime Design using MS Expression, CrazyTalk, iClone and competition	50,000	Free	2016	20-25 S1-S5
Hong Kong Taoist Association The Yuen Yuen Institute No. 1 Secondary School	The University of Hong Kong (HKU), Globalactive Technology Limited	Developing students' aspiration of IT innovation through learning in programming and somatosensory technology	Workshop on controlling robot by Scratch, Kinect, and hand gesture	49,700	Free	2016	38 S1-S5
Hong Kong True Light College	Discovery Technologies Limited	Product Design Workshop for Internet of Things based Applications	3D Product design workshops	49,488	Free	2016	60 S3-S5
Islamic Kasim Tuet Memorial College	Intelligent Software Co. Ltd.	Aerial photography day (Talk and Workshop)	Training on Aerial Photography	45,750	Free	2016	750 S1-S6
Ju Ching Chu Secondary School (Tuen Mun)	To be decided	Developing aspiration of IT innovation through training in IOT technology and STEM skills and joint-school competition	Workshops on Scratch programming, Arduino, Cloud, IOT technologies/Skills,	50,000	Free	2016	20 S1-S6
Kiangsu-Chekiang College (Kwai Chung)	Intelligent Software Co. Ltd.	Aerial photography day (Talk and Workshop)	Training on Aerial Photography	48,250	Free	2016	Seminar: 100-150 Workshop:

School	Co-organiser	Title of Activity	Content & Nature	Amount of Grant	Activity with / without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms
							20-25 S1-S5
Kowloon Technical School	Robot Sapience Limited	Interest Group and Workshop of Intelligent Robot	Interest Group and Workshops on Robotics	50,000	Free	2016	18-24 S1-S5
Kwai Chung Methodist College	Intelligent Software Co. Ltd.	Developing mobile apps course	Mobile Apps workshops on Construct 2 and Smart Apps Creator	50,000	Free	2016	25-30 S1-S5
Kwok Tak Seng Catholic Secondary School	To be decided	Quadcopters training program	Quadcopters Construction Training Programme	49,750	Free	2016	20-25 S1-S6
Lai Chack Middle School	To be decided	Developing aspiration of IT innovation through applications of IOT and STEM education	Workshops on Scratch programming, Arduino, Cloud, IOT technologies/Skills	50,000	Free	2016	20-30 S1-S6
Lai King Catholic Secondary School	To be decided	Mobile Apps Development	Training on mobile app development using MIT App Inventor and Android Studio	50,000	Free	2016	~30 S2-S5
Lam Tai Fai College	To be decided	Robot Course - Microcomputer Robot Development Course	Workshop on Arduino control and development	49,700	Free	2016	20 S1-S5
Law Ting Pong Secondary School	Coding101 and Everbest Limited	Computational Thinking & STEM-Based Learning through Robotics	Workshop on Robotics projects on Sumo Tank, Drink Car and Ball Launcher	50,000	Free	2016	20-25 S1-S6
Ling Liang Church M H Lau Secondary School	Hong Kong Science Park	STEM Seed Project	Workshops on mobile apps Construct 2 and Smart Apps Creator, and Robotics on LEGO	50,000	Free	2016	380 P4-S5
Lingnan Dr Chung Wing Kwong Memorial Secondary School	Intelligent Software Co. Ltd.	Mobile Apps Development Course	Trainging on programming using MS Expression, Artrage, Smart Apps Creator	50,000	Free	2016	25-30 S1-S3
Lok Sin Tong Ku Chiu Man Secondary School	To be decided	Fun with WRO	Robotics workshops, projects and competition on LEGO	50,000	Free	2016	20 S1-S3
Lok Sin Tong Yu Kan Hing Secondary School	Kotech Educational Limited	Automation, the Internet of Things and their applications in real life	Workshops on Scratch programming, Cloud , IOT and robotics	50,000	Free	2016	250 P4-P6,S2 & S3
Ma Kam Ming Charitable Foundation Ma Chan	Intelligent Software Co. Ltd.	Robot Short Course - Arduino Training Program	Robotics workshops on Arduino Robotics	49,700	Free	2016	20-25 S1-S5

School	Co-organiser	Title of Activity	Content & Nature	Amount of Grant	Activity with / without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms
Duen Hey Memorial College							
Ma On Shan St. Joseph's Secondary School	Intelligent Software Co. Ltd.	Robotics development using microcomputer	Robotics training course on Arduino	50,000	Free	2016	20 S3-S5
Newman Catholic College	Intelligent Software Co. Ltd.	Certificate in Aerial Photography and Videography	Workshop on aerial photography and videography	50,000	Free	2016	20 S1-S5
Ning Po College	Intelligent Software Co. Ltd.	Think BIG, starts from Small Program (2D & 3D Digital Art Training Program)	Workshop on 3D modeling	50,000	Free	2016	20-25 S1-S6
Ning Po No.2 College	Intelligent Software Co. Ltd.	APPS Development Course – Smart Apps Creator Training Program	Multi-media and Mobile Apps workshops on Microsoft Expression Design and Smart Apps Creator, and participation in "2016-17 Digital Jamming Competition"	49,980	Free	2016	20-25 S1-S5
Notre Dame College	Intelligent Software Co. Ltd.	Diversification IT Creative Programme	Workshops on aerial photography & videography and mobile apps	49,960	Free	2016	Seminar: ~100-500 Workshop & Class: 20-25 S1-S6
Our Lady of the Rosary College	Kotech Educational Ltd, Drop Doppler, etc.	Exploring Robotics	Workshops, projects and industrial visits on robotics	48,930	Free	2016	20 S1-S3
Po Chiu Catholic Secondary School	To be decided	Developing aspiration of IT innovation through training in IOT technology and STEM skills and joint-school competition	Workshops on Scratch programming, Arduino, Cloud, and IOT	50,000	Free	2016	20 S1-S6
Po Leung Kuk Lo Kit Sing (1983) College	To be decided	Robotics and 3D Printing	Workshops on robotics, 3D modeling and 3D printing	50,000	Free	2016	60 P4-S1
Po Leung Kuk Ma Kam Ming College	Discovery Technologies Limited	IoT-based 3D product design workshop	IoT workshops on product design	49,500	Free	2016	30 S1-S4
Po Leung Kuk Tong Nai Kan Junior Secondary College	SmartObject Network Limited	Smart Object Interactive Robot Series	Workshop on interactive robotics	49,998	Free	2016	20 S1-S3
Po On Commercial Association Wong Siu Ching Secondary School	To be decided	Aerial Photography and Videography (Drones)	Workshops on aerial photography and videography	50,000	Free	2016	20 S2-S5
Pui Kiu	To be decided	Developing	Workshops and	50,000	Free	2016	20

School	Co-organiser	Title of Activity	Content & Nature	Amount of Grant	Activity with / without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms
Middle School		aspiration of IT innovation through training in IOT technology and STEM skills and joint-school competition	joint-school competition on IoT				S1-S6
QualiEd College	To be decided	Robot DIY	Workshops on robotics	25,000	Free	2016	20 S1
Queen Elizabeth School Old Students' Association Secondary School	Intelligent Software Co. Ltd.	Digital Art Training Program and 2D & 3D Anime Design Training Program	Training course on 2D & 3D modeling	50,000	Free	2016	20-25 S1-S5
Rhenish Church Pang Hok Ko Memorial College	BumpBe Creations Ltd	Android Interactive Creations	Mobile apps workshops on Android	48,000	Free	2016	21-25 S3-S4
S.K.H. Holy Trinity Church Secondary School	Apps Lab of CityU	Robotics & 3D Modeling	Workshops on robotics and 3D modelling, and visit to CityU 3D Printing Lab	50,000	Free	2016	25 P5,S1-S5
Salesian English School	Internal	Make your own robot	Robotics workshops and competition on LEGO EV3	49,400	Free	2016	40 S1-S3
Semple Memorial Secondary School	Intelligent Software Co. Ltd.	Robot Short Course - Arduino Training Program	Training course on Arduino	49,700	Free	2016	20-25 S1-S6
Sha Tin Methodist College	Coding101 and Everbest Limited	STMC Innovative IT and STEM Activities Programme towards robotics and smart fabrics	Workshops and industry visit on Scratch Programming and Arduino	50,000	Free	2016	25 S1-S3
SHK Bishop Mok Sau Tseng Secondary School	Intelligent Software Co. Ltd.	Aerial photography day (Talk and Workshop) and Quadcopters training Program	Workshops on aerial photography and videography	45,750	Free	2016	820 S1-S6
Shun Lee Catholic Secondary School	Intelligent Software Co. Ltd.	APPS Development Training Program	Mobile apps workshops on Construct 2 and Smart Apps Creator	50,000	Free	2016	20-25 S1-S5
SKH Bishop Baker Seconday School	Internal	Developing an IT-rich campus through professional training and student-directed project design	Workshops on creativity and programming	50,000	Free	2016	38 S1-S5
SKH St. Mary's Church Mok Hing Yiu College	Faculty of Education, The University of Hong Kong	Google Cardboards and Virtual Reality	Virtual reality workshops on Google Cardboard	49,900	Free	2016	Unlimited S1-S6
St Stephen's College	To be decided	Virtual reality and augmented reality	Workshops on virtual and	50,000	Free	2016	30 S1-S5

School	Co-organiser	Title of Activity	Content & Nature	Amount of Grant	Activity with / without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms
			augmented reality				
St. Joan of Arc Secondary School	Coding101 and Everbest Limited	Learning STEM on programmable robot with limitless fun	Robotics workshops on LEGO EV3	50,000	Free	2016	20 S1-S3
St. Margaret's Co-educational English Secondary and Primary School	PEAK/VTC	Innovative eMakers	Robotics workshops on innovative eMakers	50,000	Free	2016	30 S1
The Church of Christ in China Ming Yin College	Intelligent Software Co. Ltd.	Joint-School IT Week: Quadcopters training Program and Aerial photography day (Talk and Workshop)	Aerial photography and videography workshops on quadcopters	49,750	Free	2016	340 S1-S5
The ELCHK Yuen Long Lutheran Secondary School	Kotech Educational Limited	Innovative IT Activities Programme towards 3D printing and Augmented Reality (AR)	Training course on 3D printing and augmented reality	41,200	Free	2016	64 S1 & S2
The HKTA Ching Chung Secondary School	To be decided	Developing aspiration of IT innovation through training in IOT technology and STEM skills and joint-school competition	Workshops and joint-school competition on IoT	50,000	Free	2016	20 S1-S6
The Hong Kong Chinese Christian Churches Union Logos Academy	Big Dipper Studio	Enrich students App development experience	Workshops on mobile apps	50,000	Free	2016	320 P1-P6,S3 & S4
The Jockey Club EduYoung College	Fifth Wisdom Technology Ltd.	Swifting Program Design	Robotics workshop on swifting program design	49,950	Free	2016	120 S1
The Yuen Yuen Institute MFBM Nei Ming Chan Lui Chung Tak Memorial College	Nil	Lego Mindstorms Robotics Course	Robotics workshops and competition on LEGO EV3	49,800	Free	2016	46 P5-P6,S3-S5
TWGHs Lui Yun Choy Memorial College	To be decided	3D STEAM Project	Workshops on 3D modeling	50,000	Free	2016	30 S3-S5
TWGHs Mr & Mrs Kwong Sik Kwan College	Intelligent Software Co. Ltd.	2D & 3D Anime Design Training Program and 3D Digital Art Training Program	Workshops on 2D & 3D modeling, and "2016-17 Digital Jamming Competition"	50,000	Free	2016	20-25 S1-S6
TWGHs S. C. Gaw Memorial College	To be decided	Fly for a Beautiful Life – Train the Youth Trainer of Drone and Aerial Photography System	Workshops on aerial photography and videography	50,000	Free	2016	60-90 P4,P5,S4 & S5

School	Co-organiser	Title of Activity	Content & Nature	Amount of Grant	Activity with / without Charge (if the former, how much is the charge)	Date and Venue of Activity	Estimated Number of Places for Students and their Forms
TWGHs Wong Fut Nam College	Coding101 and Everbest Limited	Wong Fut Nam Creative IT STEM Activities Programme towards robotics and coding	Workshops on robotics and coding	50,000	Free	2016	40 S1-S3
United Christian College (Kowloon East)	Koding Kingdom	STEAM Maker Training Program	Training course on 3D printing	50,000	Free	2016	30 S1-S3
Yan Chai Hospital Law Chan Chor Si College	To be decided	Raspberry PI smart home workshop	Raspberry PI workshops on smart home	50,000	Free	2016	20 S2-S4
Yu Chun Keung Memorial College No. 2	HKU Engineering Faculty	Train the trainers to be the IT and STEM leaders (curriculum, activities and competitions)	Training course on robotics, 3D printing and virtual reality	49,900	Free	2016	90 P5,P6,S2 & S4

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2304)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the commissioning of consultancy to formulate a digital framework and standards and develop a blueprint for smart city development, please advise on the following:

(1) The type of tender, details, timetable as well as manpower and estimated expenditure required for the study in 2016-17;

(2) Is there any plan to follow up the Central Policy Unit's Research Report on Smart City and the strategies in the paper on Government Initiatives on Smart City Development?

(3) On developing a blueprint for smart city development, is there any plan to foster communication and co-operation among government departments, academia, research institutions and private sectors. If yes, what are the details, timetable as well as manpower and estimated expenditure required?

(4) On reviewing the compatibility and interoperability of different systems, what are the work details, timetable as well as manpower and estimated expenditure required for setting a common standard in data interchange format in 2016-17?

Asked by: Hon Charles Peter MOK (Member Question No. 13)

Reply:

The required information is provided as follows:

(1) to (3) The Office of the Government Chief Information Officer (OGCIO) will engage a consultant through open tender in 2016-17 to formulate a digital framework and technical standards suitable for Hong Kong as the foundation for smart city

development.   In doing so, we will consult stakeholders, including related government departments, the academia, research institutions and the private sectors.   The study will make reference to relevant papers on smart city development, including the Research Report on Smart City by the Central Policy Unit.   The expenditure incurred on the consultancy study is dependent upon the tender results.

The manpower required in OGCIO includes 1 Senior Systems Manager, 1 Systems Manager and 1 Analyst/Programmer I.

(4)   OGCIO regularly solicits views from government bureaux and departments, the academia and the industry on technical standards and data interchange formats in order to update the HKSARG Interoperability Framework document for use by the departments and relevant organisations.   The review for 2016 will commence in May for completion by the end of this year.   The work will be carried out by the existing staff of OGCIO.   No additional resources are involved.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2305)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the promotion of co-operation between the local information and communications technology (ICT) industry and the Mainland and overseas counterparts, please list out the following in tabular form:

(1)   Information of activities/visits/projects related to the Mainland, which were organised, participated, co-organised or promoted by the Office of the Government Chief Information Officer (OGCIO) in the past year, including the names of activities, organisers, participating organisations and numbers of participants, details and nature, venues and dates of activities, numbers and post titles of participating OGCIO staff, related expenditure and government funding (if any).   What are the details of activities that fall into the above category in the 2016-17 plan?

(2)   Information of activities/visits/projects related to the countries and regions along the Belt and Road, which were organised, participated, co-organised or promoted by OGCIO in the past year, including the names of activities, organisers, participating organisations and numbers of participants, details and nature, venues and dates of activities, numbers and post titles of participating OGCIO staff, related expenditure and government funding (if any).   What are the details of activities that fall into the above category in the 2016-17 plan?

(3)   Information of activities/visits/projects related to blockchain technology, which were organised, participated, co-organised or promoted by OGCIO in the past year, including the names of activities, organisers, participating organisations and numbers of participants, details and nature, venues and dates of activities, numbers and post titles of participating OGCIO staff, related expenditure and government funding (if any).   What are the details of activities that fall into the above category in the 2016-17 plan?

(4)   Information of activities/visits/projects related to internet of things and smart city, which were organised, participated, co-organised or promoted by OGCIO in the past year, including the names of activities, organisers, participating organisations and numbers of participants, details and nature, venues and dates of activities, numbers and post titles of participating OGCIO staff, related expenditure and government funding (if any).   What are the details of activities that fall into the above category in the 2016-17 plan?

Asked by: Hon Charles Peter MOK (Member Question No. 17)

Reply:

The required information is as follows:

(1)   Activities related to the Mainland, which were organised or participated by the Office of the Government Chief Information Officer (OGCIO) in the past year, are listed in Table 1 of the Annex.

Relevant activities planned for 2016-17 are listed in Table 2 of the Annex.

(2)   Activities related to the countries and regions along the "Belt and Road", which were participated by OGCIO in the past year, are listed in Table 3 of the Annex.

Relevant activities planned for 2016-17 are listed in Table 4 of the Annex.

(3)   In the past year, OGCIO did not organise or participate in activities which were related to blockchain technology.

There is no relevant activity planned for 2016-17 at the moment.

(4)   Activities related to internet of things and smart city, which were organised or participated by OGCIO in the past year, are listed in Table 5 of the Annex.

There is no relevant activity planned for 2016-17 at the moment.

(1) Details of activities/visits/projects related to the Mainland, which were organised, participated, co-organised or promoted by OGCIO in the past year (2015-16), are listed in the following table:

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
19th International Soft China	Ministry of Industry and Information Technology of the PRC	The delegation consisted of representatives of ICT industry organisations, practitioners and exhibitors, totaling about 55 participants.	To attend the 19th International Soft China, set up Hong Kong Pavilion to showcase local ICT products and services, and to assist the local industry to tap into the Mainland market.	Beijing, 27-29 May 2015	− Acting GCIO − AGCIO (Industry Facilitation) − Senior Systems Manager (Information Security) − Systems Manager A total of 4 OGCIO staff.	Total expenditure was $655,080 including (a) Expenditure on setting up Hong Kong Pavilion at $514,399 (b) Funding support to Hong Kong ICT Award winners to take part in exhibition at the Hong Kong Pavilion at $95,067	Item (b) of related expenditure

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
						(c) Expenses of OGCIO staff to participate in the event at $45,614.	
2015 Hong Kong/Guangdong Exchange Forum on Smart City and Cross-boundary E-commerce	OGCIO and The Economic and Information Commission of Guangdong Province (GDEI)	ICT industry participants from Hong Kong and Guangdong, totaling about 200.	Industry participants of the two places shared and exchanged ideas in smart city development and cross-boundary e-commerce.	Hong Kong, 30 July 2015	− GCIO − DGCIO − 3 AGCIOs − and other OGCIO staff. The total number is 70.	Expenses in organising the event were $41,495.	Not applicable
Delegation of leaders of Hong Kong innovation and technology industries to Beijing	Hong Kong Software Industry Association	The delegation consisted of representatives of ICT industry organisations, totalling about 50 participants.	To exchange with Mainland ICT enterprises and explore business opportunities on the Mainland.	Beijing, 15-17 September 2015	− GCIO − DGCIO (Policy and Community) − AGCIO (Industry Facilitation) − Chief Systems Manager (Digital Inclusion) − Senior Systems Manager	Expenses of OGCIO staff to participate in the event were around $85,448.	Not applicable

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
					(Industry Facilitation) − Systems Manager A total of 6 OGCIO staff.		
17th China Hi-tech Fair	Shenzhen Municipal People's Government	The Hong Kong delegation consisted of representatives of ICT industry organisations, practitioners and exhibitors, totaling about 50 participants.	To attend the 17th China Hi-tech Fair and the "Shenzhen, Hong Kong, Macao and Taiwan Information Technology Forum", set up "Hong Kong Outstanding Software Exhibition Booth" to showcase local ICT products and services, and to assist local industry to tap into the Mainland market.	Shenzhen, 16 November 2015	− GCIO − Senior Systems Manager (Industry Facilitation) A total of 2 OGCIO staff.	Expenses of OGCIO staff to participate in the event were $2,700.	Not applicable
3rd CSA APAC Congress 2015	Cloud Security Alliance	2 officers from OGCIO.	To exchange in cloud computing technologies with overseas government and	Guangzhou, 2-3 December 2015	− AGCIO (IT Strategy) − Senior Systems Manager (Information	Expenses of OGCIO staff to participate in the event were $12,305.	Not applicable

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
			industry representatives.		Security) A total of 2 OGCIO staff.		
Promotional meeting on "Development guide for comprehensive cloud computing standardization system" in Guangdong Province	Co-organised by Guangdong Software Industry Association and China Electronics Standardization Institute of Ministry of Industry and Information Technology	2 officers from OGCIO.	Government and ICT industry representatives of the two places to exchange in cloud computing technologies and standards.	Guangzhou, 4 December 2015	− Senior Systems Manager (Information Security) − Systems Manager A total of 2 OGCIO staff.	Expenses of OGCIO staff to participate in the event were around $6,281.	Not applicable
2nd World Internet Conference	Cyberspace Administration of China and the People's Government of Zhejiang Province	6 officers from OGCIO.	To exchange with Mainland and overseas government representatives and ICT industry representatives. GCIO delivered a speech at the "Cross Strait, Hong Kong and Macao Internet	Zhejiang, 16-18 December 2015	− GCIO − DGCIO (Policy and Community) − Chief Systems Manager (Industry Facilitation) − Senior Systems Manager (Industry Facilitation) − Systems Manager	Total expenditure was $339,970 (including expenditure for setting up exhibition booth at $280,000 and expenses of OGCIO staff to participate in the	Not applicable

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
			Development Forum". An exhibition booth was set up to promote "International IT Fest" and the 1st "Internet Economy Summit" to be held in Hong Kong in April 2016.		− Senior Marketing and Media Manager A total of 6 OGCIO staff.	event at $59,970).	
Visit to Guangzhou Municipal Commission of Commerce	OGCIO	Including representatives from e-commerce industry organisations of about 11 participants.	To study cross-boundary e-commerce development and government policies in Guangzhou, enhance exchange between e-commerce industries of the two places, and to	Guangzhou, 28 January 2016	− GCIO − DGCIO (Policy and Community) − AGCIO (Industry Facilitation) − Senior Systems Manger (Industry Facilitation) − 2 Systems Managers A total of 6 OGCIO staff.	Expenses of OGCIO staff to participate in the event were around $3,300.	Not applicable

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
			explore business opportunities. To visit Guangzhou Baiyun Airport Comprehensive Bonded Zone.				

Table 2

Details of activities/visits/projects related to the Mainland, which are planned to be organised, participated, co-organised or promoted by OGCIO in 2016-17, are listed in the following table:

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
20th International Soft China	Ministry of Industry and Information Technology of the PRC	The delegation will comprise representatives of ICT industry organisations, practitioners and exhibitors. Number of participants is to be determined.	To attend the 20th International Soft China, set up Hong Kong Pavilion to showcase local ICT products and services, and to assist local industry to tap into the Mainland market.	Beijing, May 2016	To be determined	To be determined	To be determined
2016 Hong Kong-Mainland Cyber Security Forum	OGCIO and Cyberspace Administration of China (Bureau of Cyber Security)	ICT industry participants of the two places. Number of participants is to be determined.	Industry participants of the two places to share and exchange ideas in the development of cyber security.	Hong Kong, April 2016	To be determined	To be determined	Not applicable

Table 3

(2) **Details of activities/visits/projects related to the countries and regions along the Belt and Road, which were organised, participated, co-organised or promoted by OGCIO in the past year (2015-16), are listed in the following table:**

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
APICTA Awards 2015	Asia Pacific ICT Alliance	Representatives of ICT industry organisations and teams from Hong Kong participating in the competition. There were about 55 participants.	To compete with teams from other participating economies in 17 categories of grand awards, so as to recognise and promote outstanding and innovative ICT inventions and applications. Participating economies included Australia, Bangladesh, Brunei, China, Chinese Taipei, Hong Kong, Indonesia, Japan, Macao, Malaysia, Myanmar, Nepal, Pakistan, Singapore, Sri Lanka and	Colombo, Sri Lanka, 18-21 November 2015	− GCIO − Systems Manager A total of 2 OGCIO staff.	Total expenditure was $163,800 including (a) Funding support to students and staff of non-profit organisations to participate in the event at $122,000 (b) Expenses of OGCIO staff to participate in the event at $41,800.	Item (a) of related expenditure

			Thailand.				
National CIO Forum 2015	Federation of IT Industry, Sri Lanka	2 officers from OGCIO.	GCIO delivered a speech in the forum to share with over 100 CIOs on the success stories of promoting IT development in Hong Kong.	Colombo, Sri Lanka, 20 November 2015	− GCIO − Systems Manager A total of 2 OGCIO staff.	Expenditure was covered in item (b) of the related expenditure of APICTA Awards 2015.	Not applicable

Table 4

Details of activities/visits/projects related to the countries and regions along the Belt and Road, which are planned to be organised, participated, co-organised or promoted by OGCIO in 2016-17, are listed in the following table:

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
APICTA Awards 2016	Asia Pacific ICT Alliance	Representatives of ICT industry organisations and teams from Hong Kong participating in the competition. Number of participants is to be determined.	To compete with teams from other participating economies in different categories of grand awards, so as to recognise and promote outstanding and innovative ICT inventions and applications.	Taipei, December 2016	To be determined	To be determined	To be determined

Table 5

(4) **Details of activities/visits/projects related to internet of things and smart city, which were organised, participated, co-organised or promoted by OGCIO in the past year (2015-16), are listed in the following table:**

Names of activities/visits/ projects	Organisers	Participating organisations and numbers of participants	Details and nature	Venues and dates of activities	Numbers and post titles of participating OGCIO staff	Related expenditure	Government funding
10th Guangdong-Hong Kong-Macau Internet of Things and Smart Manufacturing Summit	Guangdong IoT Alliance	2 officers from OGCIO.	To exchange with Mainland ICT industry in internet of things and smart manufacturing technologies. DGCIO delivered a speech at the Summit.	Guangzhou, 16 October 2015	− DGCIO (Policy and Community) − AGCIO (Industry Facilitation) A total of 2 OGCIO staff.	Expenses of OGCIO staff to participate in the event were $12,061.	Not applicable
EU-China Forum on Sustainable Urban Development 2015	China Centre for Urban Development	1 officer from OGCIO.	To exchange with Mainland ICT industry in smart city development.	Foshan, 18-19 December 2015	− Chief Systems Manager (Digital Inclusion)	Expenses of OGCIO staff to participate in the event were $3,900.	Not applicable

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2306)

Head: (47) Government Secretariat : Office of the Government Chief
                               Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the development of information technology (IT) human capital, will the Government advise on the following:

(1)   What are the number of government IT staff who obtained information and communications technology (ICT) professional qualifications, their post titles and titles of professional qualifications?   If there is government subsidy, how much is the amount?

(2)   In respect of the development of a unified framework for local ICT professional recognition, will the Government continue to consult the stakeholders to follow up the "implementation details" in the report prepared by the Task Force on Information and Communications Technology Professional Development and Recognition, with a view to promoting professional qualification recognition and enhancing the recognition and status of IT practitioners.   If not, what are the reasons?

(3)   How many professional qualification schemes of Hong Kong, the Mainland and other places obtained mutual recognition in the past 3 years?

(4)   How many activities related to ICT manpower development were held in 2015-16? What are the organisers, dates and venues of the activities, content of the activities, numbers of participants, the expenditure/amounts of funding involved?   What are the details of activities planned to be held in 2016-17?

(5)   What are the estimated expenditure and work plan for supporting ICT professionals and enhancing their capabilities in 2016-17?

Asked by: Hon Charles Peter MOK (Member Question No. 15)

Reply:

The required information is provided as follows:

(1) The number of government information technology (IT) staff who obtained information and communications technology (ICT) professional qualifications in the past 3 years, their grade titles and titles of professional qualifications are as follows:

	Analyst/ Programmer Grade	Computer Operator Grade
Certificate of Cloud Security Knowledge	1	-
Certified Data Centre Expert	-	1
Certified Data Centre Facilities Operations Manager	6	7
Certified Data Centre Professional	99	64
Certified Data Centre Specialist	10	-
Certified Information Systems Security Professional (CISSP)	2	1
Cloud Computing Foundation Certificate	1	-
ISO/IEC 20000 Auditor	-	3
ISO/IEC 27001:2013 Lead Auditor	-	4
ITIL Certifications (various levels)	286	94
PRINCE2 Foundation	1	-
Project Management Professional (PMP)	4	-
Technical certifications of vendors' products	11	5
Total	**421**	**179**

The Government has provided about $4.25 million in the past 3 years to arrange its IT staff to attend relevant courses on professional qualifications and subsidise them to obtain the qualifications.

(2) In respect of the development of a unified framework for local ICT professional recognition, the Task Force on ICT Professional Development and Recognition consulted the relevant stakeholders in 2014 and stated in its report published in 2015 that it would be difficult to implement the unified framework given that the industry and the public had not yet reached general consensus on some implementation details of the framework. Therefore, the Government does not have a plan to continue to consult the stakeholders at present. Nonetheless, with reference to the recommendations in the report, the Government will continue to communicate with the stakeholders through various means with a view to promoting professional qualification recognition and enhancing the recognition and status of IT practitioners. Relevant work areas in this regard include:

(i) implementing the "Enriched IT Programme in Secondary Schools" to cultivate IT talents;

(ii) providing funding support to ICT professional development initiatives through various existing funding schemes;

(iii) encouraging government IT staff to attain relevant ICT professional qualifications;

(iv) collaborating with other stakeholders to develop and update the Specification of Competency Standards for ICT industry under the Qualifications Framework; and

(v) encouraging qualifications awarding bodies to continue to explore cross recognition of professional qualification schemes between Hong Kong and the Mainland and other jurisdictions.

(3) The professional qualification schemes between Hong Kong and the Mainland and other jurisdictions that have cross recognition arrangements in the past 3 years are as follows:

(i) cross recognition arrangement between "Project Management Professional (PMP)" and "Certified Professional of IT (Project Manager)" of the Hong Kong Institute for IT Professional Certification; and

(ii) cross recognition arrangement between ITIL certificates in "Foundation", "Operational Support & Analysis" and "Release Control & Validation" and "Certified Professional of IT (Systems Operation Officer)" of the Hong Kong Institute for IT Professional Certification.

Moreover, since October 2014, the Sino Hong Kong Information Technology Development Centre has been coordinating the examination, namely 「中國計算機技術與軟件專業技術資格(水平)考試」 in Hong Kong to facilitate local ICT practitioners to obtain the qualifications recognised by the Mainland.

(4) In 2015-16, the Office of the Government Chief Information Officer (OGCIO) organised the following activities related to ICT manpower development:

Activities	Organisers	Dates and Venues	Number of Participants	Expenditure / Amounts of Funding
Setting up of an exhibition booth in the 26th Joint School Electronics and Computer Exhibition	Hong Kong Joint School Electronics and Computer Society	22 August 2015 Cyberport Ocean View Court	More than 200 students and parents visited the exhibition	Around $2,000
Setting up of an exhibition booth in the IT Career Expo 2015	Hong Kong Computer Society	26 September 2015 Conference Hall, 4/F, Hong Kong Productivity Council Building	Around 1 400 local students, job seekers, practitioners and professionals visited the exhibition	Around $16,000

Setting up of an exhibition booth in the Education and Careers Expo 2016	Hong Kong Trade Development Council	28-31 January 2016 Hong Kong Convention and Exhibition Centre	Around several thousand local students, job seekers, practitioners and professionals visited the exhibition	Around $7,000
Implementation of the "Enriched IT Programme in Secondary Schools" The Programme comprises two elements: (a) Enriched IT Class Programme - enriched IT classes run by 8 selected secondary schools (partner schools) to provide intensive IT training to students who are interested and talented in IT; and (b) Enriched IT Activities Programme - enriched IT activities organised by partner schools and participating secondary schools to enrich IT learning outside subject-based curriculum and provide opportunities for applying IT knowledge and nurturing creativity through IT or IT-related activities.	OGCIO, 8 partner schools and 85 secondary schools that organise enriched IT activities	Starting from 2015/16 school year for 8 years until 2022/23	Around 350 students enrolled for the enriched IT classes in the 2015/16 school year As the "Enriched IT Activities" for the 2015/16 school year have just started in March 2016, we do not have the participation figures in 2015-16 at present. The estimated number of participants for the "Enriched IT Activities" in	Estimated expenditure of around $11.25 million in 2015-16

			the 2016/17 school year is around 9 500 students.	
Provision of information on IT studies, IT careers and IT motions to students through the "Student IT Corner" Portal	OGCIO	Not Applicable	More than 2.17 million web page visits as at the end of January 2016	Deployment of internal resources to meet the service need

The activities planned to be held in 2016-17 will be similar to those held in 2015-16.

(5)   The Government will continue through various measures to promote local ICT professional development and enhance the capabilities of ICT professionals with reference to the recommendations in the report of the Task Force on ICT Professional Development and Recognition.   We will deploy internal manpower and resources to cope with the related work in 2016-17.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2307)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the International IT Fest, will the Government advise on the following:

(1) The total expenditure and its breakdown, numbers of participants in the events and numbers of local and international media coverage for the International IT Fest held from 2013 to 2015;

(2) Details on funding organisations to stage events by the Government for the International IT Fest held from 2013 to 2015.   Please list out in the table below the details of all events funded by the Government, numbers of funding obtained by the organisations and total amounts of funding (in tabular form):

Year	Title of Activity/Event	Date of Activity/ Event	Name of Organiser	Amount of Funding (if it is in form of non-monetary sponsorship, please provide the details)	Percentage of Funding against the Total Expenditure of Activity

(3) What are the criteria adopted by OGCIO in deciding whether an organisation or activity/event should be funded, scope and amount of funding, specific policies on which the criteria are based, procedures of accepting and approving applications for funding?

(4)   What are the estimated total expenditure for organising the Internet Economy Summit 2016, estimated number of participants, expenditure taken up by each co-organiser and distribution of revenue?

Reply:

The required information is as follows:

(1)   International IT Fest 2013 to 2015

Total Expenditure and Breakdown

The total expenditure on International IT Fest was mainly used for promotion and publicity activities.   The event organisers were responsible for planning and resources required for their individual events.   The breakdown of expenditure for International IT Fest held from 2013 to 2015 is as follows:

	Expenditure ($'000)		
	2013	**2014**	**2015**
Outdoor Promotion and Advertisements		890	670
Newspaper /Magazine Advertisements	1,920	640	410
Online / Social Media Advertisements		840	900
Setting Up Website	200	300	380
IT Exploration Tour for Secondary Students	-	230	140
Total Expenditure	2,120	2,900	2,500

Numbers of Participants in the Events

Statistics of International IT Fest 2013 are as follows:

	Event	**Number of Participants**
1	Hong Kong ICT Awards 2013 Awards Presentation Ceremony	810
2	Broadband Asia 2013	750
3	Hong Kong Digital Heroes	80
4	Information Security Seminar	165
5	MoDev Hong Kong 2013	160
6	Smart Elderly Awards Presentation Ceremony	700
7	IT and Infrastructure Seminar	60
8	Startup Weekend HK	86
9	International ICT Expo	30 582

		Event	Number of Participants
10		IET/MATE Hong Kong Underwater Robot Challenge 2013	210
11		iCity Opening Ceremony and Experience Sharing	110
12		BIP Asia Seminar Series – Panel Discussion on Software Copyrights Best Practices	102
13		Web Accessibility Recognition Scheme Awards Presentation Ceremony	230
14		China Outstanding Software Product Awards – Hong Kong Region Presentation Ceremony	85
15		Seminar on Market Analysis for Social Media	107
16		HK-GD Cloud Industry Collaboration Forum	200
17		Hong Kong Internet of Things Symposium	306
18		Digital Entertainment Leadership Forum 2013	426
19		ISACA China HK Chapter Annual Conference	80
20		Silicon Dragon Hong Kong 2013	257
21		"Top 10 .hk Website Competition" Award Presentation Ceremony	90
22		2013 Worldwide Cyber-security Landscape Forum	139
23		SME ICT & Cloud Experience Day	201
24		Seminar on Free and Open Source Software in Hong Kong	85
25		Launch of Mobility Experience Centre cum Exhibition	9 983
		Total Number of Participants	**46 004**

Statistics of International IT Fest 2014 are as follows:

		Event	Number of Participants
1		Hong Kong ICT Awards 2014 Awards Presentation Ceremony	820
2		ISO/IEC Joint Technical Committee 1 SubCommittee 27 Meeting	305
3		2014 Internet Hall of Fame Induction Ceremony	280
4		ICT Conference 2014 – Future Digital Opportunities for Better Life	100
5		Microsoft CityNext Forum Series: A Better Third Age Through Technology	121
6		The 8th Annual Counter eCrime Operations Summit (CeCos VIII)	122
7		Green Data Centre Experience Day	18
8		Internet Leadership Summit	220
9		Smarter City – Essential to Life	100
10		International Conference on Information Security Standards	398
11		Hong Kong Internet of Things Conference 2014	400

	Event	Number of Participants
12	SME ICT Experience Day	230
13	IT Exploration Tour for Secondary Students	912
14	Startup Weekend HK	87
15	CoCoon Pitch Day	147
16	IT Teacher Award Ceremony cum IT in Education Expo	120
17	Seminar on Free and Open Source Software in Hong Kong	58
18	The IET/MATE Hong Kong Underwater Robot Challenge 2014	400
19	MoDev Hong Kong 2014 – Forum, Disruptathon & Hackathon	143
20	E^2 Entrepreneur Square – Tech x Social	150
21	International ICT Expo	31 429
22	Battle Silicon in Cyberport	45
23	BIP Asia Seminar Series	95
24	International Conference on Mobile Technology	121
25	The Internet of Everything: Smarter Hong Kong – HK Electronics Symposium	174
26	Web Accessibility Recognition Scheme Awards Presentation Ceremony	355
27	ISACA China HK Chapter Annual Conference 2014 – The Next Generation of IT Governance & Risk Management	100
28	Silicon Dragon Hong Kong 2014	257
29	SME 2.6 Conference	170
30	Social Media 2014 – 19th Education and Technology Conference	459
31	Digital Entertainment Leadership Forum 2014	345
32	Internet of Things Symposium 2014	524
33	"Top 10 .hk Website Competition" Award Presentation Ceremony	100
34	Build a Secure Cyberspace Security Seminar	130
35	Smart Elderly IT Star Awards Presentation Ceremony	500
36	AppJamming – Girls Who Code Workshop	70
37	Easter Fun with Smart Objects at HK Internet of Things Centre of Excellence	2 600
38	Hong Kong ICT Fair	17 031
	Total Number of Participants	**59 636**

Statistics of International IT Fest 2015 are as follows:

	Event	Number of Participants
1	International IT Fest 2015 Opening Ceremony	1 200
2	Hong Kong Digital Life Carnival	88 000
3	Inter-School IT Elite Challenge 2015	220
4	Hong Kong ICT Awards 2015 Awards Presentation Ceremony	1 097
5	Social Media 2015 – 21st International Conference on ICT Teaching and Learning	437
6	Open Source Technology Day 2015 @ ITFest	61
7	Digital Inclusion Mobile App Appreciation Ceremony cum Exhibition	1 400
8	MoDev Hong Kong 2015 – FinTech and China-Hong Kong-Taiwan Hackathon	188
9	SME 2.7 Conference	70
10	Web Accessibility Recognition Scheme Awards Presentation Ceremony	400
11	International ICT Expo	29 888
12	IT Exploration Tours for Secondary Students	1 038
13	Software Excellence Symposium	50
14	Trade Chamber Series: Smart Retailing	60
15	Trade Chamber Series: Easy Trading on Cloud	75
16	"Digital Community Club" Hong Kong Conference	62
17	Privacy Campaign for Mobile App Development – Seminar on Developing Mobile Apps with Privacy Protection in Mind	144
18	Internet Finance Technology Summit	430
19	Trade Chamber Series: The Trend of Digital Media and Marketing	100
20	Trade Chamber Series: Internet of Things (IoT) – A New Era of Smart Life	40
21	Chicago Conversations	157
22	ICT Conference 2015 – Enriching Sustainability of Smart City	120
23	Internet of Things Symposium 2015 – Embracing Big Data Analytics and Cloud Computing with IoT Applications	556
24	Trade Chamber Series: Enhancing Competitiveness with ERP	66
25	Management Simulation Game on IT Services Management	17
26	Cocoon Pitch Night Final	150
27	O2O – Opportunities and Challenges	20
28	Cybersecurity and IT Governance Forum	90
29	Electronics Symposium 2015 – Sustainable IoT Development for Smart Cities	206
30	SME ICT Experience Day	110

	Event	Number of Participants
31	"Build a Secure Cyberspace 2015" Seminar	152
32	Hong Kong e-Commerce Business Competition 2015	400
33	Startup Weekend HK	107
34	AppJamming Summit – App Design Competition	130
35	e-Learning Carnival	1 100
36	E^2 Entrepreneur Square – Tech x Social	201
37	TEDxHongKongED 2015 – Never Stop	800
38	The IET / MATE Hong Kong Underwater Robot Challenge 2015	550
39	Greater China 3D Printing Seminar	52
40	Battle Silicon in Cyberport	70
41	Big Data in Enterprise Architecture & Data Driven Organisation	60
42	Essential for Smarter City – Digital Identity	280
43	"Best .hk Website Awards 2014" Award Presentation Ceremony	95
44	B2B Export e-Commerce Business Tips	100
45	Internet of Things – Smarter City	300
46	Data Scientists – The Trump Card for Big Data Success	71
47	Microsoft CityNext Forum – Engaging 21st Century Citizens	120
48	Silicon Dragon Hong Kong 2015	170
49	Digital Entrepreneur Leadership Forum 2015	433
50	Business on Cloud	95
51	Forum on Mobile Technology and Cloud for Infrastructure Developments in Hong Kong	52
52	Digital Inclusion Let IT Play	919
	Total Number of Participants	**132 709**

Number of Local and International Media Coverage

According to the information we collected, the figures on media coverage are tabulated as follows:

	2013	2014	2015
Local Media	26	16	25
Mainland Media	2	2	3
International Media	-	4	15

(2) & (3) The Government did not provide funding support to any organisations for organising events.

(4)   It is estimated to have 1 000 participants in the Internet Economy Summit 2016.   The estimated total expenditure is $2.4 million, to be borne by OGCIO and the Hong Kong Cyberport Management Company Limited.   Revenue will be fully used to offset expenditure of the Summit.

- End -

Reply Serial No.

CONTROLLING OFFICER'S REPLY	**ITB211**

(Question Serial No. 2308)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the new government data centre (complex) and the central IT infrastructure facilities, will the Government advise on the following:

(1) The expenditure for acquiring data centre services and data processing by government bureaux and departments (B/Ds) in 2015-16;

(2) The expenditure for renting private data centres or procuring data hosting services by B/Ds in 2015-16;

(3) How many data centres are currently operated by B/Ds? How many B/Ds are expected to be accommodated in the new data centre (complex) upon its completion and how much expenditure can be saved in this regard?

(4) What are the timetable, manpower and estimated expenditure for the pre-construction design work for the government data centre complex?

(5) Will another high-tier government data centre be planned to support the long-term demand for data centre services?

(6) What are the number of contracts awarded under the Standing Offer Agreement for Data Centre Services in 2015-16 as well as the B/Ds, details and value of the outsourced services, and names of the organisations involved?

Asked by: Hon Charles Peter MOK (Member Question No. 1)

Reply:

The required information is provided as follows:

(1) The expenditure incurred by government bureaux and departments (B/Ds) for operating government data centres in 2015-16 is about $175 million.

(2) The expenditure incurred by B/Ds on renting private data centres or procuring data hosting services in 2015-16 is about $116 million.

(3) Currently, B/Ds are operating 25 data centres. At the present stage, 9 B/Ds plan to use the new government data centre complex in the future. We will continue to discuss with B/Ds on the arrangements for the migration of data centres, with a view to achieving higher performance services and greater cost-effectiveness. As the project is still under preliminary design stage, we are not able to provide information on the estimated expenditure saving for the time being.

(4) In 2015, the Finance Committee of the Legislative Council approved the funding to carry out pre-construction consultancy services for the construction works of the government data centre complex. The consultancy work has commenced in late 2015 and is expected to be completed in late 2017. The manpower involved for supporting the consultancy work will be arranged through internal deployment. The estimated cost required for the consultancy work is about $52.6 million.

(5) At the present stage, we have no plan for the construction of another government data centre.

(6) Details of the contracts awarded under the Standing Offer Agreement for Data Centre Services in 2015-16 are as follows:

Number of Contracts Awarded	8
B/Ds Involved	Social Welfare Department*, Census and Statistics Department, Buildings Department, Department of Health, Lands Department, Registration and Electoral Office, Transport Department *Two contracts awarded
Details of Outsourced Services	Provision of hosting and management services of IT systems to various departments
Amount Involved	Total contract value of about $10 million
Name of Contractors	Hewlett-Packard HK SAR Ltd, Jardine OneSolution (HK) Limited, PCCW Solutions Limited

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2309)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the work of promoting high-tier data centre development, will the Government advise on the following:

(1)   The revised provision, including that for data centres, for 2015-16 under Programme 1 is $562.4 million.   What are those projects related to data centres and the expenditure involved?

(2)   The estimated provision, including that for data centres, for 2016-17 under Programme 1 is $560.8 million.   How much of it will be planned to be used for projects related to data centres?

(3)   The Gross Floor Area (GFA) currently available for high-tier data centre use (please list out respectively);

	Number of Lots	GFA
Tseung Kwan O Industrial Estate		
Tai Po Industrial Estate		
Private Market		

(4)   The GFA available for high-tier data centre use in industrial estates and the private market in the next 5 years (please list out respectively);

(5)   The numbers of data centres currently operating in various industrial estates;

(6)   Have the medium-term and long-term site requirements for high-tier data centres been evaluated?   If yes, what are the figures?

(7) Have the numbers and area of industrial buildings available for converting into data centres been evaluated? If yes, what are the figures?

(8) The numbers of applications for converting parts of industrial buildings into data centres and the numbers of approved cases in the past 5 years;

(9) The expenditure and details for promoting to the Mainland and overseas parties that Hong Kong (is suitable) for setting up data centres in the Asia Pacific Region in the past 3 years; and

(10) What is the progress of the second site in Tseung Kwan O that is reserved for the private market to develop data centres? Is there any plan to make available more land for the private market to develop data centres?

Asked by: Hon Charles Peter MOK (Member Question No. 3)

Reply:

The required information is provided as follows:

(1) and (2) To promote high-tier data centre development, the Office of the Government Chief Information Officer set up the Data Centre Facilitation Unit (DCFU) in 2011-12 to provide assistance to operators interested in setting up data centres in Hong Kong. The expenditure for DCFU is under Programme (3) "IT in the Community", mainly for employing contract staff to provide relevant services. In respect of such expenditure, the revised estimate in 2015-16 is $1.54 million and the estimated expenditure in 2016-17 is about $1.5 million.

(3) The Gross Floor Area (GFA) currently available for high-tier data centre use is as follows:

	Number of Lots	GFA (m^2)
Tseung Kwan O Industrial Estate	11	about 339 000
Tai Po Industrial Estate	1	about 17 000
Private Market	No relevant information	

(4) The Government has reserved 3 sites in Tseung Kwan O Area 85 for high-tier data centre development. The GFA to be provided in the next 5 years is as follows:

	Lot Number	Approximate Site Area (hectare)	Estimated GFA (m^2)	Remarks
(1)	Tseung Kwan O Town Lot No. 122	1.03	44 000	Sold in October 2013. Expected to be completed in 2017
(2)	Tseung Kwan O Town Lot No. 123	1.49	62 000	Expected to be put up for open bidding in 2019

(3)	Tseung Kwan O Town Lot No. 127	1.24	57 000	Expected to be put up for open bidding in 2017

At present, the Hong Kong Science and Technology Parks Corporation has no specific plan to reserve additional land to develop industrial estates for data centre use in the next 5 years.   We do not have relevant information relating to the private market.

(5)   Currently, there are 11 and 1 data centre(s) operating in Tseung Kwan O Industrial Estate and Tai Po Industrial Estate respectively.

(6)   The Planning Department has commissioned a "Review of Land Requirement for Grade A Offices, Business and Industrial Uses", which includes land requirements for data centre.   The review is expected to be completed within this year.

(7)   The feasibility of developing data centres in individual industrial buildings depends on the scale and design of the proposed data centres, their requirements for power supply, cooling system, water supply and communication network, etc.   Data centre operators may have different site requirements, and may have different views on the feasibility of converting individual industrial buildings into data centres.   Hence, we do not have relevant information in this regard.

(8)   Since June 2012, the Government has implemented two facilitation measures for converting parts of industrial buildings into data centres and development of high-tier data centre on industrial lots.   As at end-February 2016, 20 applications for converting parts of industrial buildings (14 applications were approved, 1 withdrawn and 5 being processed) and 1 application for development of high-tier data centre on industrial lot were received.

(9)   In the past 3 years, we have been promoting Hong Kong as a prime location for setting up data centres in the Asia Pacific Region through our data centre thematic website for Mainland and overseas parties.   No expenditure was involved in individual activities.

(10) The Outline Zoning Plan of the sites in Tseung Kwan O Area 85 reserved for high-tier data centre development was approved by the Executive Council in December 2015. We expect that next site will be put up for open tender in 2017 at the earliest.   We will continue to work with the Planning Department to identify suitable sites for data centre development.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2310)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the promotion of big data application in the Government, please advise on the following:

(1)   The details, estimated expenditure and its percentage against IT expenditure for the work of setting a common standard in data interchange format for government bureaux and departments (B/Ds) in 2015-16;

(2)   The details, estimated expenditure and its percentage against IT expenditure for the project of adopting big data analytics technologies in B/Ds in 2015-16;

(3)   Have resources been reserved in 2016-17 for setting a common standard in data interchange format and studying the adoption of big data analytics technologies in the Government to promote data linkage, integration and application in public and private sectors?   If yes, what are the details?

(4)   What are the B/Ds that have adopted big data analytics technologies, the titles, purpose and nature of projects, as well as the expenditure involved in the past 3 years?

(5)   How many training sessions and seminars on data analytics, data digitisation management, data sharing, privacy, cloud services have been arranged for government staff in 2015-16?   Please set out the departments concerned, dates, numbers of participants and details.

Asked by: Hon Charles Peter MOK (Member Question No. 7)

<u>Reply</u>:

The required information is provided as follows:

(1)   Since 2002, the Office of the Government Chief Information Officer (OGCIO) has been seeking inputs from government bureaux and departments (B/Ds), academia and the industry annually on the commonly used technical standards and data interchange formats in order to update the Government's guidelines on the Interoperability Framework for use by departments and related organisations. OGCIO also collects and releases information on some business-specific (e.g. healthcare, trading, logistics, public works, weather and geographical information) data interchange formats. The related work is being carried out by existing manpower of OGCIO. No additional resources are involved. We do not keep information on other B/Ds' work related to data interchange format.

(2) and (4)   In the past 3 years (including 2015-16), OGCIO did not have any projects that adopt big data analytics technologies. We have neither collected any information about the adoption of big data analytics technologies by other B/Ds in the past 3 years (including 2015-16).

(3)   In 2016-17, OGCIO will promote big data analytics technologies to B/Ds, explore with individual departments on the adoption of these technologies within the Government, and revise and develop the related standards for government data sharing and association. We will publish the relevant standards and guidelines with a view to facilitating data association, integration and usage in both public and private sectors. OGCIO will deploy existing manpower to carry out the study and development of relevant standards and guidelines. No additional resources are involved at this stage.

(5)   In 2015-16, OGCIO organised a total of 13 training sessions and seminars on data analytics, digital data management, data sharing and privacy as well as cloud services for around 460 government staff from more than 60 B/Ds.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2311)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the Green Data Centre Practices formulated by the Office of the Government
Chief Information Officer and the Government's long-term strategy on data centres, will the
Government advise on the following:

(1)   The revised provision, including that for data centres, for 2015-16 under Programme 1
      is $562.4 million. What are those projects related to green data centres and the
      expenditure involved?

(2)   The formula for measuring carbon footprints of government data centres is clearly
      stated on page 6 of the Green Data Centre Practices. Please set out the carbon
      footprints of government data centres based on this formula.

(3)   Has the Government formulated any carbon footprint indicator for data centres?
      What is the value?

(4)   The Civil Engineering and Development Department has completed the first stage
      study on the construction of data centres in rock caverns. What are the sites
      identified?

(5)   The next stage of work and timetable for construction of data centres in rock caverns.

Asked by: Hon Charles Peter MOK (Member Question No. 2)

Reply:

The required information is provided as follows:

(1)   Since 2010, the Office of Government Chief Information Officer (OGCIO) has been progressively enhancing the existing data centre facilities with reference to the Green Data Centre Practices (the Practices) in order to achieve better energy efficiency. The Practices form part of our ongoing work.   We do not have separate breakdown for the corresponding expenditure.

(2)   Currently, data centres operated by government bureaux and departments (B/Ds) are located in the offices of relevant B/Ds or government premises.   Power consumption for data centres has been included as an inseparable part of the overall power consumption of these offices or government premises.   Hence, we do not have information on the power consumption of individual government data centres nor their estimated carbon footprint.   Nevertheless, we are planning to set up facilities to record power consumption in the proposed Government Data Centre Complex in order to monitor its carbon footprint in future.

(3)   Considering the unique operating environment and facilities of the data centres operated by individual B/Ds, OGCIO does not set any targets for B/Ds on green data centre measures, including carbon footprint.   Individual B/Ds can set appropriate targets according to their business needs and operating environment.   If necessary, we will arrange training, experience sharing and workshops for B/Ds to promote the Practices in order to enhance their awareness of green data centre management and provide technical support.

(4) and (5) The Civil Engineering and Development Department has just finished the "Long-term Strategy for Cavern Development - Feasibility Study" to assess the technical feasibility of building different types of facilities, including data centres, in rock caverns.   At this stage, the Government does not have specific recommendations or timetable for building data centres in rock caverns.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2312)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the use of information technology (IT) in the Government, please advise on the following:

(1)   The estimated expenditure on procuring business software licences and related services by government bureaux and departments, and the percentage of such expenditure against their IT expenditure in 2015-16;

(2)   Does the Government plan to use more open source software if practicable?   If yes, what are the details, manpower and expenditure involved?

(3)   Does the Government plan to promote to enterprises, the education sector and the public the adoption of open source software for business and education purposes to facilitate the development of IT industry?   If yes, what are the details, manpower and expenditure involved?

Asked by: Hon Charles Peter MOK (Member Question No. 6)

Reply:

The required information is provided as follows:

(1)   In 2015-16, the estimated expenditure incurred by government bureaux and departments (B/Ds) on purchasing business software licences and related services for the implementation of computer projects under the Capital Works Reserve Fund Head 710 – Computerisation is $232 million, accounting for 14.2% of the estimated IT expenditure for that year.

(2) The Government has been adopting open source software (OSS), including server software, desktop software and office software, to set up government IT infrastructure and develop e-government services.   Moreover, the Office of the Government Chief Information Officer has all along been promoting and supporting B/Ds in the wider adoption of OSS where feasible, such as using OSS in the development of departmental portals and government mobile applications.   In general, the expenditure of related items has been included in the respective project budgets and operating budget of IT systems.   Hence, we do not have a separate breakdown of manpower and expenditure on the use of OSS.

(3) To encourage the adoption of OSS among SMEs in their business operations, since 2011-12, we have accorded priority to the application and development of OSS projects as one of the referenced considerations under the "Sector-specific Programme" (SSP).   As at today, 4 OSS projects, namely Taoyuan Project for medical and health sector, Security Cloud and Security Cloud Human Resources Management Module for security sector as well as Flag-bag Easy for logistics sector, have been funded under SSP, with a total funding of about $3.4 million.   The required manpower resources were absorbed internally.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2313)

Head: (47) Government Secretariat : Office of the Government Chief
                               Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the websites of government bureaux and departments, statutory and public organisations, please advise on the following:

(1)   What are the percentages of websites adopting responsive web design against the overall percentage?

(2)   What are the percentages of websites using HTTPS encryption by default against the overall percentage?

(3)   Does the Government plan to enhance user experience for government websites in 2016-17?   If yes, what are the details, timetable, expenditure and manpower involved?

Asked by: Hon Charles Peter MOK (Member Question No. 8)

Reply:

The required information is provided as follows:

(1)   Websites such as "MyGovHK", "data.gov.hk", "Pay e-Cheque Portal", "Cyber
and   Security Information Portal", "GovCERT.HK" and "Wi-Fi.HK" under the Office of
(2)   Government Chief Information Officer (OGCIO) have adopted responsive web technology.   Among them, "MyGovHK", "data.gov.hk" and "Pay e-Cheque Portal" also use HTTPS encryption by default.   As OGCIO does not keep records of the website information related to other government departments, statutory bodies and public organisations, we are not able to provide the requested figures.

(3)   To enhance users' experience and meet the ever-increasing public demand for mobile services, OGCIO is now revamping the GovHK portal.   Besides improving the

layout, GovHK will adopt responsive web technology to facilitate smooth public access to government information and use of e-government services on various kinds of electronic devices (such as smart phones and tablets). The revamped portal is expected to be rolled out in the second half of 2016. The estimated manpower and expenditure in 2016-17 is around $2.45 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2314)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in Programme (1) that there will be an increase of 15 posts in 2016-17. Please list out the post titles, numbers, job nature, salaries and allowances of these new posts.

Asked by: Hon Charles Peter MOK (Member Question No. 10)

Reply:

The required information of the 15 posts to be created in the Office of the Government Chief Information Officer in 2016-17 is provided as follows:

Rank	Number of Posts	Job Nature	Salary[1] (HK$)	Allowance
Senior Systems Manager	1	To implement information security management and cyber security threat surveillance	101,620 – 117,080	Subject to the terms of appointment, eligibility of officers, and the prevailing civil service mechanism
Systems Manager	2		63,095 – 95,215	
Analyst/ Programmer I	2		49,465 – 62,235	
Analyst/ Programmer II	2		28,140 – 47,235	
Senior Systems Manager	1	To oversee the implementation of the Government Data Centre Complex project	101,620 – 117,080	
Systems Manager	1	To provide information technology services for the implementation of Government Human Resources Management	63,095 – 95,215	
Analyst/ Programmer I	1		49,465 – 62,235	
Analyst/ Programmer II	1		28,140 – 47,235	
Executive Officer II	1	To provide administrative and back-end support for the Office of the Government Chief Information Officer	26,785 – 47,235	
Assistant Clerical Officer	1		13,120 – 26,785	
Workman II	2		11,570 – 13,640	

[1] According to the prevailing civil service pay scales

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2327)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the work to study the provision of digital identity to all citizens, will the
Government advise on the following:

(1)   The frequency of use of e-government services using digital certificates in the past 3
      years (please list out in descending order of frequency in the table below).

Government Department	E-government Service	Frequency of Use in 2013	Frequency of Use in 2014	Frequency of Use in 2015

(2)   The frequency of use of the identity card data stored in the chip embedded in Smart
      Identity Card by government departments and services in the past 3 years (please list
      out in the table below).

Government Department	Public Service	Frequency of Use in 2013	Frequency of Use in 2014	Frequency of Use in 2015

(3)   Regarding the work to promote the use of digital certificates in e-services requiring
      authentication, what are the e-services that plan to use digital certificates in 2016-17?
      What are the promotion work, manpower and expenditure involved?

Asked by: Hon Charles Peter MOK (Member Question No. 14)

Reply:

The required information is provided as follows:

(1) The frequency of use of e-government services using digital certificates in the past 3 years is as follows (listed in descending order of frequency):

Government Department	e-Government Service	Usage 2013	2014	2015	Total
Customs and Excise Department	1. To lodge Road Cargo Information	40 491 000	44 336 000	42 712 000	188 266 000
	2. To lodge the Import/Export Declarations	19 180 000	19 691 000	19 396 000	
	3. To submit import/export cargo manifests (except road cargo)	601 000	582 000	577 000	
	4. To apply for Electronic Dutiable Commodities Permit	119 000	148 000	152 000	
	5. To lodge the import returns, published retail price applications and application for the issuance of notification of motor vehicle provisional taxable value for Motor Vehicles First Registration Tax	60 000	107 000	114 000	
Trade and Industry Department	6. To apply for Import and Export Licence for Strategic Commodities	400 241	376 777	367 316	4 069 601
	7. To apply for Certificate of Origin	56 147	54 113	48 276	
	8. To submit Strategic Commodities (Product Pre-classification) Application	9 182	7 630	8 493	
	9. To apply for International Import Certificate	19	0	1	
	10. To apply for Textiles Notifications	1 570 156	1 167 816	0[1]	
	11. To apply for Lodging Production Notification of Cut-and-Sewn Garments	1 986	1 448	0[2]	
Intellectual Property Department	12. Application for trade mark registration, renewal of trade mark registration, change of applicant's/owner's name and/or address, and other proceedings relating to trade marks	52 310	56 265	57 211	298 322

Government Department	e-Government Service	Usage			
		2013	2014	2015	Total
	13. Request to record standard patent, registration and grant of standard patent, grant of short-term patent, renewal of patent, alteration of applicant's/owner's name and/or address, and other proceedings relating to patents	36 847	39 312	42 313	
	14. Application for design registration, renewal of registered design, alteration of applicant's/owner's name and/or address, and other proceedings relating to designs	4 307	4 331	5 426	
The Land Registry	15. Search of land records and request for copies of land documents	53 955	53 130	51 638	158 723
Government bureaux and departments	16. To submit e-Form	30 082	31 510	34 547	96 139
Drainage Services Department	17. To facilitate the transfer of underground utility information for roadwork excavation between relevant government departments and utility companies	24 992	26 229	24 999	76 220
Transport Department	18. Application for Certificate of Vehicle Particulars	16 019	16 775	22 332	58 922
	19. Application for Renewal of Vehicle Licence	750	890	1 124	
	20. Online Services for Personalised Vehicle Registration Marks	115	138	196	
	21. Online Booking for Driving Tests	102	228	158	
	22. Application for Renewal of Full Driving Licence	34	14	47	
Department of Health	23. Pharmaceuticals Licence Application and Movement Monitoring System (PLAMMS) - Application for Export Licences of pharmaceutical products	Not applicable	340	32 358	52 983
	24. e-Pharmaceutical Service (e-PS) Platform	5 323	5 986	5 630	
	25. Pharmaceuticals Licence Application and Movement Monitoring System (PLAMMS) - Application for Import Licences of pharmaceutical products	Not applicable	318	2 304	

Government Department	e-Government Service	Usage			
		2013	2014	2015	Total
	26. Pharmaceuticals Registration System (PRS2.0) - Application for Change of Registered Particulars of a Registered Pharmaceutical Product	Not applicable		586	
	27. Pharmaceuticals Registration System (PRS2.0) - Application for Registration of Pharmaceutical Products	Not applicable		70	
	28. Pharmaceuticals Registration System (PRS2.0) - Application for Renewal of Pharmaceutical Product Registration	Not applicable		68	
Inland Revenue Department	29. Stamping of Property Document Returns	No data available[3]	1 643	1 479	5 210
	30. Filing Tax		455	417	
	31. Application for Business or Branch Registration	306	268	208	
	32. Change of Business Registration Particulars and related documents	152	164	85	
	33. Application for Exemption from Payment of Business Registration Fee and Levy	Not applicable		33[4]	
Office of the Government Chief Information Officer	34. Change of Address Service	192	258	382	1 260
	35. To login "MyGovHK"	83	97	247	
	36. To submit quotations	1	0	0	
Registration and Electoral Office	37. Voter Registration	104	187	256	547
Food and Environmental Hygiene Department	38. Application for Granting of Exemption from Nutrition Labelling under Small Volume Exemption Scheme	Not applicable	92[5]	196	320
	39. Application for Registration as Food Importer/Food Distributor	5	6	21	
Government Logistics Department	40. Submission of Tender Offer	102	56	30	188
Environmental Protection Department	41. Environmental Protection Interactive Center (EPIC) Licences/Permits Applications	48	10	25	83
Hongkong Post	42. Shopthrupost login	9	27	33	69

Government Department	e-Government Service	Usage			
		2013	2014	2015	Total
Legal Aid Department	43. To submit Legal Aid Pre-application Information Forms	6	5	4	15
Working Family and Student Financial Assistance Agency	44. SFO E-link – My Applications	Not applicable	2	12	14
Rating and Valuation Department	45. To change Rates and/or Government Rent Payer's Particulars	0	0	3	3
Companies Registry	46. Electronic Incorporation and Registration of Company	Related data is currently not recorded in the system			

[1] The Textiles Notification requirement has been removed since the liberalisation of textiles control arrangement on 21 November 2014.

[2] The Production Notification requirement has been removed since the liberalisation of textiles control arrangement on 21 November 2014.

[3] Information could not be provided due to statistical data being purged.

[4] The new service was launched in 2015.

[5] The new service was launched on 24 March 2014.

(2)   The frequency of use of the identity card data stored in the chip embedded in Smart Identity Card by government departments and services in the past 3 years is as follows:

Government Department	Public Service	Usage		
		2013	**2014**	**2015**
Immigration Department	e-Channel (Automated Passenger Clearance System) service	About 115 590 000	About 114 360 000	About 118 790 000
	Vehicular e-Channel (Automated Vehicle Clearance System) service	About 6 390 000	About 6 060 000	About 5 780 000
	To submit passport application and renewal at the Self-service Kiosk	About 81 200	About 84 900	About 99 600
Leisure and Cultural Services Department	To borrow library books	6 152 510[6]	6 333 778	6 267 743
	To book facilities or enrol in programmes through "Leisure Link Self-service Kiosk"	90 552	76 157	33 310[7]
Department of Health	Schemes using eHealth System (Subsidies)	324 735	385 637	390 961
Hospital Authority	To enrol in "Public Private Interface – Electronic Patient Record Sharing Pilot Project"	25 022	29 160	32 426

[6] Number of items physically checked out by smart ID card in libraries.
[7] Leisure Link Self-service Kiosk reads the data from the card face instead of from the chip of HKID card since July 2015.

(3)   The promotion work, manpower and expenditure involved for the e-services that plan to use digital certificates in 2016-17 are as follows:

e-Service	Promotion Work	Manpower and Expenditure
Transport Department - Online Checking of Driving Licence Status	Publicity activities will be conducted on the website of Transport Department and GovHK	The work concerned will be absorbed by existing manpower. No additional expenditure will be involved.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2328)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the support for underprivileged groups in using information and communications technology (ICT), please advise on the following:

(1) Does the Government plan to expand the service scope and increase the funding for the implementers in order to extend the Internet Learning Support Programme? If yes, what are the details?

(2) Regarding the digital inclusion mobile apps, what are the names of apps, the organisations, numbers of downloads and amounts of funding under the first and second rounds of the funding scheme? What is the amount of funding earmarked for the third round of the funding scheme? Is there any plan to increase the resources for promoting these apps so as to benefit more users? If yes, what are the details?

(3) Regarding the ICT Outreach Programmes for Elderly, what are the organisations funded, titles of the projects, amounts of funding, numbers of events and numbers of elders reached in 2014 and 2015? How many resources have been earmarked for the Programmes in 2016-17? What are the details?

(4) What are the names of the statutory and public organisations whose websites have not yet conformed to the Level AA accessibility requirements of the World Wide Web Consortium? What is the estimated time of their meeting the requirements? What is the percentage of apps that have adopted accessibility design among those developed by statutory and public organisations? Is there any plan to allocate more resources to assist these organisations to adopt accessibility design in 2016-17? If yes, what are the details?

Asked by: Hon Charles Peter MOK (Member Question No. 18)

Reply:

The required information is provided as follows:

(1) The Office of the Government Chief Information Officer (OGCIO) launched a five-year Internet Learning Support Programme in July 2011. Having regard to the experience of the programme operation in the first 4 years and the review findings, and with the support of the Panel on Information Technology and Broadcasting of the Legislative Council, we will extend the programme for a period of 2 years up to the 2017/18 school year. The two implementers will continue to provide the existing services, including the provision of affordable computer equipment and Internet access service, training for students and parents, and technical and social support for students in need to provide them with convenient and suitable Internet learning opportunities. The service scope of the extended programme and the funding support to the implementers will generally be the same as the current programme. We will continue to monitor service needs and provide appropriate support to students from low-income families to facilitate Internet learning at home.

(2) The names of the funded apps, the organisations, number of downloads and amount of funding in the first round of the "Funding Scheme for Digital Inclusion Mobile Apps" are as follows:

Name	Organisation	Number of Downloads (as at 29 February 2016)	Amount of Funding ($)
Auditory and Speech Training App	Hong Kong Society for the Deaf	1 215	216,000
"Learn smart" teaching material publishing platform	Hong Kong Lutheran Social Service	4 237	178,000
Stories for Social Skills Made Easy	SAHK	13 545	210,000
Searching & Exploring with Speech Augmented Map Information (SESAMI)	Hong Kong Blind Union	1 344	393,000
Barrier-Free Travel Guide	Hong Kong Federation of Handicapped Youth	3 459	285,000
eElderly Activity Search	Hong Kong Society for the Aged	8 668	377,000
Hong Kong Easy	Yang Memorial Methodist Social Service	2 569	338,000
		Total:	$1,997,000

The names of the funded apps, the organisations, number of downloads and amount of funding in the second round of the Scheme are as follows:

Name	Organisation	Number of Downloads (as at 29 February 2016)	Amount of Funding ($)
Articulation Screening and Training Tool	Hong Kong Society for the Deaf	797	433,000
HOPE Chinese Character Game	Hong Kong Young Women's Christian Association	14 807	428,000
MathAid	Ebenezer School and Home for the Visually Impaired	419	174,000
One Click to Know Dementia	Jockey Club Centre for Positive Ageing	7 287	367,000
SignChat	Hong Kong Association of the Deaf	1 378	461,000
		Total:	$1,863,000

We have completed the assessment of the applications for another round of the "Funding Scheme for Digital Inclusion Mobile Apps". The amount of funding for this round of the Scheme is around $2 million.

We will continue to work closely with the funded organisations to mount various promotional activities to arouse public awareness and encourage use of these mobile apps by the persons in need. These promotional activities include promotion of the apps in outreach programmes for the target groups, publicity on social media and other online channels, distribution of posters at public housing estates, leisure and cultural venues, as well as social service organisations that serve the target groups.

(3) The main target beneficiaries of the ICT Outreach Programmes for the Elderly in 2014 were institutionalised elders and "hidden" elders. The programmes were implemented from March to December of 2014. Details are as follows:

Project Title / Responsible Organisation	(1) 「耆」樂無限–長者體驗數碼計劃* / Po Leung Kuk (2) 數碼共融外展計劃* / Evangelical Lutheran Church Social Service – Hong Kong (3) 長者全動網絡計劃* / Hong Kong Sheng Kung Hui Welfare Council Limited
Amount of Funding	Around $0.71 million
No. of Events	Around 350 visits and related activities

No. of Elders Reached	1 169 elders

* The non-governmental organisations (NGOs) do not have English names for their programmes.

The target beneficiaries of the ICT Outreach Programmes for the Elderly in 2015 were extended to elders in day care centre elderly and those receiving home care services, in addition to institutionalised and "hidden" elders.   The programmes were launched in July 2015 and are expected to be completed by mid-2016.   Details are as follows:

Project Title / Responsible Organisation	(1) 數碼樂聚‧影‧情真*/ The Hong Kong Society for the Aged (2) 樂在耆「連」長者數碼網絡計劃*/ Po Leung Kuk (3) 數碼共融外展計劃 2.0* / Evangelical Lutheran Church Social Service – Hong Kong
Amount of Funding	Around $1.2 million
No. of Events	Around 420 visits and related activities (as at January 2016)
No. of Elders Reached	Over 1 800 elders (as at February 2016)

* The NGOs do not have English names for their programmes.

We plan to launch the next round of ICT Outreach Programmes for the Elderly by end-2016 and a provision of $1.2 million has been made for this.

(4)   As at 7 March 2016, among the 79 statutory and public organisations, the websites of 27 organisations have not yet conformed to the Level AA accessibility requirements of the World Wide Web Consortium.   Of these 27 organisations, 14 either requested not to disclose their organisation names or refrained from reply.   For the remaining 13 organisations, their names and estimated year of meeting the requirements are as follows:

	Name of Organisation	Estimated Year of Meeting the Requirements
1.	Hong Kong Landscape Architects Registration Board	2016
2.	The Medical Council of Hong Kong	
3.	Occupation Safety and Health Council	
4.	Employees Retraining Board	2017
5.	Surveyors Registration Board	
6.	Hospital Authority	2018
7.	Standing Committee on Language Education and Research	
8.	The Hong Kong Academy for Gifted Education	
9.	Estate Agents Authority	No plan to adopt the design
10.	Federation of Hong Kong Industries	

11.	The Higher Rights Assessment Board	
12.	Securities and Futures Commission	
13.	Housing Managers Registration Board	

Among the 39 mobile apps developed by the statutory and public organisations, about 21% have adopted web accessibility design.

To assist the statutory and public organisations that have not yet met the web accessibility design standard, we provided them with assessment reports in October 2015 to analyse the gaps of their websites against web accessibility requirements, and shared with them the relevant best practices and knowledge on rectification skills Moreover, we will consider inviting the industry and academia to jointly develop innovative solutions to evaluate accessibility compliance more effectively, and develop practical tools to help transform websites into accessible version.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2919)

Head: (47) Government Secretariat : Office of the Government Chief
                           Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

It is mentioned in the Budget that the Cyberport will allocate $200 million to launch a
Cyberport Macro Fund for investing in its information and communications technology
start-ups.   In this connection, will the Government advise on the following:

(1)   What are the specific work details, timetable, manpower, operating expenditure of the
      Fund and the annual estimated provision in 2016-17?

(2)   What are the proposed application criteria, scope included, funding ceiling, estimated
      number of applications to be approved each year and estimated approval time for each
      application?

(3)   The Cyberport will set aside a dedicated space in its co-working space Smart-Space,
      and roll out a designated programme to provide support to 150 Fintech start-ups over
      the next 5 years.   In this connection, please advise on the details of the designated
      programme, including the project details of the programme, timetable, manpower,
      operating expenditure, annual estimated provision, application criteria and estimated
      approval time for each application.

(4)   Regarding the support mentioned in (3) above, please advise on the numbers of
      Fintech start-ups that will be supported in each of the next 5 years.

Asked by: Hon Charles Peter MOK (Member Question No. 35)

<u>Reply</u>:

The requested information is provided as follows:

(1) and (2)   Cyberport will allocate $200 million from its internal reserves to set up the Cyberport Macro Fund (CMF) for investment in its information and communications technology start-ups and help them attract more investment from other funds.   The Board of Directors of Cyberport has set up a task force to work out the plan details, including the modus operandi, manpower plan, estimated expenditure, etc.   The CMF is expected to be rolled out in the second half of 2016.

(3) and (4)   Cyberport will provide through a designated incubation programme financial, technical and business advisory support to Fintech start-ups, e.g. rent-free accommodation in Cyberport.   The incubation programme will also provide start-ups with financial assistance of up to $330,000 to cover expenses for marketing and promotion, professional services, training, and use of technology services provided by Cyberport.   Applicants are required to submit a business plan for vetting, which will generally be completed in 2 to 3 months.   Cyberport's Incubation Programme will provide support to 150 Fintech start-ups over the next 5 years.   The actual annual intake may vary depending on the actual circumstances.   Since Cyberport will launch the programme with its own resources, no government expenditure will be incurred.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3461)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the "iStartup@HK" platform, will the Government advise on the following:

(1)   What are the total numbers of visits, average monthly visits, development costs,
      operating expenditure and advertising revenue of the portal from its launch to 29
      February 2016?

(2)   The background of startups which created profile on the portal (broken down by type,
      number of incubatees of Cyberport or Hong Kong Science Parks, number of private
      incubators/accelerators); and

(3)   What are the numbers of downloads, development costs, routine maintenance costs,
      promotion expenditure and developers of "iStartup@HK" mobile applications?

Asked by: Hon Charles Peter MOK (Member Question No. 19)

Reply:
The required information is provided as follows:

(1)   iStartup@HK, an interactive portal developed by the Office of the Government Chief
      Information Officer, provides a comprehensive range of practical information for
      technology start-ups and serves as a promotional and networking platform for start-ups
      to upload their company information and promotional videos, thereby providing an
      alternative channel for reaching out to investors and markets.   Between March 2014
      (when the portal was launched) and mid-March 2016, there were a total of 296 192
      page visits and an average monthly page visits of around 12 800.   The development
      cost of the portal was around $300,000 and the system maintenance expenditure
      (mainly the fees for digital certificate for enhanced data transfer security and security

risk assessment services) was about $60,000 in 2015-16.   The portal has no advertising revenue.

(2)   As at mid-March 2016, the portal has 688 registered users, of which 207 start-ups have uploaded their profiles.   A breakdown by category is as follows:

Category	Number of Start-ups
Advertising	17
Animation	4
Applications and Entreprise Solutions	74
Creative Digital Lifestyle	21
Education / Infotainment	23
Game	5
Green Technologies / Biotechnologies	9
Music / Audio	2
Others	52
Total:	**207**

Among the above start-ups, 51 and 52 are incubatees of the Cyberport and the Hong Kong Science Park respectively.   Since we do not require registered users to declare the private incubation programmes or accelerators to which they belong, we are not able to provide such information.

(3)   The iStartup@HK portal and mobile app were developed by the same contractor, and the development cost of the mobile app was around $180,000.   In 2015-16, the system maintenance expenditure of the mobile app was around $40,000 (which was the fee for security risk assessment services).   We promoted the mobile app mainly through the page "Government Mobile Applications" on the GovHK portal and no additional expenditure was incurred.   The number of downloads of the mobile app is 567 as at mid-March 2016.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3462)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the details, organisations, project titles (nature), targets, dates, amounts of funding and numbers of participants of the activities and training for promoting adoption of cloud computing services among small and medium enterprises in 2015?

Asked by: Hon Charles Peter MOK (Member Question No. 20)

Reply:

The Office of the Government Chief Information Officer launched the SME Cloud Promotion Campaign between December 2014 and June 2015 to encourage wider adoption of cloud computing among SMEs.   The Campaign provided training programmes on cloud applications to various industry sectors, benefitting over 3 800 SME practitioners.   Details are as follows:

Industry Sector	Training Organiser	Implementation Agent	Target Participants	Training Description	Date	Funds Provided ($'000)	Attendance
Retail	Hong Kong Retail Technology Industry Association Limited	Hong Kong Productivity Council	Retail SMEs	Introduction of general knowledge on cloud computing; cloud solutions suitable for the retail sector; and success cases	18 Dec 2014 to 30 Apr 2015	400	754

Industry Sector	Training Organiser	Implementation Agent	Target Participants	Training Description	Date	Funds Provided ($'000)	Attendance
Catering	The Association For Hong Kong Catering Services Management Limited	PEAK of Vocational Training Council	Catering SMEs	Introduction of general knowledge on cloud computing; cloud solutions suitable for the catering sector; and success cases	20 Jan to 12 May 2015	340	915
Import & Export Trade	The Hong Kong Chinese Importers' and Exporters' Association	Hong Kong Telecom	Import & Export Trade SMEs	Introduction of general knowledge on cloud computing; cloud solutions suitable for the import & export trade sector; and success cases	19 Dec 2014 to 14 Apr 2015	400	850
Logistics & Land Transport	The Chamber of Hong Kong Logistics Industry Limited	Hong Kong Productivity Council	Logistics & Land Transport SMEs	Introduction of general knowledge on cloud computing; cloud solutions suitable for the logistics & land transport sector; and success cases	22 Jan to 30 Jun 2015	200	350
Sales & Marketing	SME Global Alliance Limited	Asia Solution Corporation Limited	Sales & Marketing SMEs	Introduction of general knowledge on cloud computing; cloud solutions suitable for the sales & marketing sector; and success cases	13 Jan to 3 Jun 2015	200	519
HRM & Accounting	SME Global Alliance Limited	Asia Solution Corporation Limited	HRM & Accounting SMEs	Introduction of general knowledge on cloud computing; cloud solutions suitable for the HRM & accounting sector; and success cases	13 Jan to 26 Jun 2015	200	459
					Total:	1 740	3 847

In addition, we organised a competition on applications of cloud computing under the Campaign to elect the "Best SME Cloud Adopters" Awards and the "Best SME Cloud Solutions" Awards.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3463)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please advise on the information regarding the breaking down of large-scale government IT projects into smaller projects in 2015-16.   Does the Government plan to allocate resources in the coming year to look into the policy of according priority to using local R&D (deliverables) under the existing policy framework?   If there are other measures, what are the details?   If not, what are the reasons?

Asked by: Hon Charles Peter MOK (Member Question No. 23)

Reply:

Where practicable and without affecting the overall project, government bureaux and departments (B/Ds) may break a large-scale IT project down into multiple projects of manageable sizes and award contracts in phases as far as possible.   In 2015-16, 5 large-scale projects had been broken down by the related B/Ds into more than 10 smaller-scale projects; and IT services, software and hardware were procured through the use of various Standing Offer Agreements or tenders, and relevant contracts were awarded in phases.   We do not have detailed information on the number and total value of the contracts awarded for the smaller-scale projects.

The Government of the Hong Kong Special Administrative Region has acceded to the Agreement on Government Procurement of the World Trade Organization (WTO GPA). Having regard to the WTO GPA, the Government has taken various measures and will continue to explore other possible initiatives to encourage local suppliers, including small and medium enterprises (SMEs) and local businesses of innovative products, to bid for government projects so as to increase the opportunities of using their products and services by the Government.   The measures taken include:

(a)   Publishing the "Quarterly Catalogue of Opportunities for Private Sector Participation" on the Digital 21 Strategy website;

(b)   Setting up the platforms of "Suppliers Community Portal" and "IT Promotion Database" on the OGCIO website to facilitate the suppliers, including SMEs, to introduce their business scope and products to B/Ds;

(c)   Launching the e-Procurement service website to improve the tenderers' efficiency and reduce their effort in preparing tender submission; and

(d)   Avoiding awarding to the same tenderer as far as possible for tender involving more than one contract.

In addition, the Public Sector Trial Scheme established under the Innovation and Technology Fund (ITF) provides additional funding to completed research and development (R&D) projects funded by the ITF to cover production of tools/prototypes/samples and conduct trials in the public sector to facilitate the realisation of R&D results. It is announced in the 2016-17 Budget that the Scheme will be extended to cover the incubatees of the Cyberport and the Science Park, with a view to facilitating commercialisation of R&D results.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3464)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the organisation of the Hong Kong Information and Communications Technology (HKICT) Awards, will the Government advise on the following:

(1)   The total expenditure and its breakdown, numbers of participants in the activities and numbers of local and international media coverage for the HKICT Awards organised from 2013 to 2015;

(2)   Details on funding organisations to organise the HKICT Awards by the Government from 2013 to 2015.   Please list out in the table below the details of all awards funded by the Government, numbers of funding obtained by the organisations and total amounts of funding (in tabular form):

Year	Title of Award	Name of Organiser	Amount of Funding	Percentage of Funding against the Total Expenditure of Activity

(3)   What are the criteria adopted by the Office of the Government Chief Information Officer in deciding whether an organisation should be funded to organise the Awards, scope and amount of funding, specific policies on which the criteria are based, procedures of accepting and approving applications for funding?

Asked by: Hon Charles Peter MOK (Member Question No. 26)

Reply:

The required information is as follows:

(1) The total expenditure and breakdown, numbers of entries and numbers of local and international media coverage for the HKICT Awards from 2013 to 2015 are as follows:

HKICT Awards	Total Expenditure ($m)	Breakdown of Total Expenditure ($m)		Number of Entries	Number of Local and International Media Coverage
		Sponsorship to Leading Organisers	Organising Various Activities*		
2013	6.4	2.7	3.7	610	56
2014	6.7	2.4	4.3	1 150	129
2015	7.2	2.3	4.9	972	159

* Including promotion, organising award presentation ceremony, exhibition of winning entries and logistics, etc.

(2) Details of funding support by the Government to organisations to organise the Awards from 2013 to 2015 are as follows:

HKICT Awards 2013

Title of Award	Name of Organiser	Amount of Funding Support ($'000)	Percentage of Funding Support over the Total Expenditure of Activity
Best Business Award	Hong Kong Computer Society	298	31%
Best Collaboration Award	Hong Kong Software Industry Association	288	43%
Best Digital Entertainment Award	Hong Kong Digital Entertainment Association Limited	297	47%
Best Digital Inclusion Award	Hong Kong Council of Social Service	298	64%
Best Green ICT Award	Green ICT Consortium	235	60%
Best Innovation & Research Award	Internet Professional Association	271	62%
Best Lifestyle Award	Hong Kong Information Technology Federation	283	32%
Best Mobile Apps Award	Hong Kong Wireless Technology Industry Association	271	54%
Best Public Service Application Award	Hong Kong Institution of Engineers - Information Technology Division	222	97%
Best SME ICT Award	Information and Software Industry Association	270	53%

Title of Award	Name of Organiser	Amount of Funding Support ($'000)	Percentage of Funding Support over the Total Expenditure of Activity
	Total	2,733	

HKICT Awards 2014

Title of Award	Name of Organiser	Amount of Funding Support ($'000)	Percentage of Funding Support over the Total Expenditure of Activity
Best Business Solution Award	Hong Kong Computer Society	243	28%
Best Digital Entertainment Award	Hong Kong Digital Entertainment Association Limited	242	36%
Best Digital Inclusion Award	Hong Kong Council of Social Service	243	46%
Best Green ICT Award	Communications Association of Hong Kong	243	62%
Best ICT Startup Award	Internet Society Hong Kong	243	67%
Best Innovation Award	Hong Kong Institution of Engineers - Information Technology Division	215	95%
Best Lifestyle Award	Hong Kong Information Technology Federation	243	34%
Best Mobile Apps Award	Hong Kong Wireless Technology Industry Association	242	55%
Best SME ICT Award	Information and Software Industry Association	240	64%
Best Student Invention Award	Hong Kong New Emerging Technology Education Association	229	57%
	Total	2,383	

HKICT Awards 2015

Title of Award	Name of Organiser	Amount of Funding Support ($'000)	Percentage of Funding Support over the Total Expenditure of Activity
Best Business Solution Award	Hong Kong Computer Society	242	36%
Best Digital Entertainment Award	Hong Kong Digital Entertainment Association Limited	242	33%
Best Digital Inclusion Award	Hong Kong Council of Social Service	242	83%
Best ICT Startup Award	Internet Society Hong Kong	241	69%
Best Innovation Award	Hong Kong Institution of Engineers - Information Technology Division	179	82%

Title of Award	Name of Organiser	Amount of Funding Support ($'000)	Percentage of Funding Support over the Total Expenditure of Activity
Best Lifestyle Award	Hong Kong Information Technology Federation	242	44%
Best Mobile Apps Award	Hong Kong Wireless Technology Industry Association	234	53%
Best Smart Hong Kong Award	GS1 Hong Kong Limited	241	76%
Best SME ICT Award	Information and Software Industry Association	242	72%
Best Student Invention Award	Hong Kong New Emerging Technology Education Association	228	92%
	Total	2,333	

<u>Number of times of funding support obtained by the organisations and total amount of funding support</u>

Organiser of HKICT Awards 2013-2015	Number of Times of Funding Support Obtained	Total Amount of Funding Support ($'000)
Hong Kong Computer Society	3	783
Hong Kong Software Industry Association	1	288
Hong Kong Digital Entertainment Association Limited	3	781
Hong Kong Council of Social Service	3	783
Green ICT Consortium	1	235
Internet Professional Association	1	271
Hong Kong Information Technology Federation	3	768
Hong Kong Wireless Technology Industry Association	3	747
Hong Kong Institution of Engineers - Information Technology Division	3	616
Information and Software Industry Association	3	752
Communications Association of Hong Kong	1	243
Internet Society Hong Kong	2	484
Hong Kong New Emerging Technology Education Association	2	457
GS1 Hong Kong Limited	1	241

(3)   The Office of the Government Chief Information Officer (OGCIO) invited non-profit organisations interested in organising the HKICT Awards to submit proposals through open bidding process.   Individual organisers were selected in accordance with

established selection procedures and evaluation criteria, including effectiveness of proposals, organising capabilities and past performance.

Each organiser can obtain funding support to carry out major tasks, including promotion, administration of adjudication and award presentation activities. The amount of funding support was capped at $298,000, $243,000 and $242,000 in 2013, 2014 and 2015 respectively. The use of funds must comply with the published "Guide to Application for OGCIO Sponsorship".

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3465)

Head: (47) Government Secretariat : Office of the Government Chief
                             Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the uplifting of the image of the information and communications technology
(ICT) industry, please advise on the following:

(1)   What are the specific content of the promotion work and timetable in 2015-16, as well
      as the estimated provision for 2016-17 for publicising the contribution of the ICT
      industry to social and economic development so as to uplift the industry's image?

(2)   The Office of the Government Chief Information Officer (OGCIO) makes use of
      social media to facilitate communication with the public.   What are the details of
      social media accounts administered by OGCIO, including their names, related
      activities, social networking platforms used, numbers of subscribers/"likes", numbers
      of posts published in the past year, numbers of "likes" received and messages posted
      as well as the expenditure involved?

Asked by: Hon Charles Peter MOK (Member Question No. 27)

Reply:

The required information is provided as follows:

(1)   To uplift the image of the information and communications technology (ICT) industry,
the Office of the Government Chief Information Officer (OGCIO) showcased Hong Kong's
innovative ICT development and achievements to the community mainly through organising
the International IT Fest (held in April) and the Hong Kong ICT Awards (held from
September to April the next year) in 2015-16.   This helps enhance Hong Kong's
international image as an ICT hub in the region.   We have made a provision of $9 million
for these two events in 2016-17.

(2)   Regarding the uplifting of the image of the ICT industry, details of the social media accounts administered by OGCIO are as follows:

Name	Related Activities	Social Networking Platform(s) Used	No. of Subscribers / "Likes" / No. of Posts Published in the Past Year / No. of "Likes" Received and Messages Posted by Others (as at 29 Feb 2016)	Expenditure Involved (as at 29 Feb 2016)
Hong Kong ICT Awards	To promote the Hong Kong ICT Awards since 2009	Facebook	No. of Subscribers / "Likes": 9 357 No. of Posts Published in the Past Year: 34 No. of "Likes" Received and Messages Posted : 358	The expenditure is included in the outsourced promotional service contract with no breakdown for the social media account
International IT Fest	To promote and share information about events of the International IT Fest since early 2015	Facebook (Jan)	No. of Subscribers / "Likes": 1 839 No. of Posts Published in the Past Year: 84 No. of "Likes" Received and Messages Posted : 4 046	The expenditure is included in the outsourced promotional service contract with no breakdown for the social media account
		Twitter (Mar)	No. of Followers: 2 292 No. of Posts Published in the Past Year: 10 No. of "Likes" Received and Messages Posted: 85	

Name	Related Activities	Social Networking Platform(s) Used	No. of Subscribers / "Likes" No. of Posts Published in the Past Year / No. of "Likes" Received and Messages Posted by Others (as at 29 Feb 2016)	Expenditure Involved (as at 29 Feb 2016)
International IT Fest	To share videos of events of the International IT Fest since November 2015	YouTube	No. of Videos Uploaded: 47 No. of Views: 787 No. of Subscribers: 6	It was absorbed by existing manpower and resources in OGCIO. No additional resources were involved.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No.3466)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Will the Government advise on the activities/events (e.g. seminars, exhibitions and student IT contests) organised by IT organisations annually with the funding of the Office of the Government Chief Information Officer, the names and nature of activities/events (broken down by the name of funded organisations), funded projects, dates of activities/events, amounts of funding, numbers of funding obtained by the organisations each year (please list out in descending order) in the past 5 years?

Asked by: Hon Charles Peter MOK (Member Question No. 28)

Reply:

The respective figures of activities/events organised by IT organisations from 2011-12 to 2015-16 with the funding support of the Office of the Government Chief Information Officer are set out at Annex.

Activities/events organised by IT organisations from 2011-12 to 2015-16

with the funding support of the Office of the Government Chief Information Officer

2011-12 (Note 1)

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Hong Kong Computer Society (3)	Organising Asia Pacific ICT Alliance (APICTA) Awards 2011 Delegation	11/2011	51,349
	Hong Kong ICT Awards 2012 [Best Business Award]	11/2011-6/2012	389,140
	Development of a Certification Roadmap for IT Professional Certification" Project	4/2009 – 3/2012	983,156
Hong Kong Council of Social Service (2)	Hong Kong ICT Awards 2012 [Best Digital Inclusion Award]	11/2011-6/2012	316,958
	Operation of the District Cyber Centres Scheme	4/2012-3/2013	900,000
Hong Kong Software Industry Association (2)	Hong Kong ICT Awards 2012 [Best Collaboration Award]	11/2011-6/2012	303,038
	2011 The 15th International Soft China - International Forum and Hong Kong Pavilion	5/2011	626,000
Internet Professional Association (2)	Data.One Campaign	11/2011-4/2012	696,080
	Hong Kong ICT Awards 2012 [Best Innovation & Research Award]	11/2011-6/2012	507,428
British Computer Society (Hong Kong Section) (1)	Hong Kong ICT Awards 2012 [Best Professional Development Award]	11/2011-6/2012	246,264
Chamber of Security Industry (1)	2011-12 Sector-specific Programme for Business Services Sector	2/2012-4/2014	925,860
CPMS Social Center for the Elderly of Grace (1)	ICT training programme for the elderly	1-8/2012	261,551
Evangelical Lutheran Church Social Service – Hong Kong (1)	ICT training programme for the elderly	1-8/2012	260,906

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Green ICT Consortium (1)	Hong Kong ICT Awards 2012 [Best Green ICT Award]	11/2011-6/2012	400,100
GS1 Hong Kong (1)	2011-12 Sector-specific Programme for wholesale/retail Sector	2/2012-11/2013	886,278
Hong Kong Digital Entertainment Association (1)	Hong Kong ICT Awards 2012 [Best Digital Entertainment Award]	11/2011-6/2012	293,997
Hong Kong Information Technology Federation (1)	Hong Kong ICT Awards 2012 [Best Lifestyle Award]	11/2011-6/2012	395,000
Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies Ltd (1)	2011 Guangdong-Hong Kong RFID Technology Application Summit	9/2011	100,000
Hong Kong Wireless Technology Industry Association (1)	Hong Kong ICT Awards 2012 [Best Ubiquitous Networking Award]	11/2011-6/2012	381,550
Internet Society Hong Kong (1)	IPv6 in Action! (Thematic website, seminars, exhibitions, radio programmes, pamphlets, consumer guide, etc.)	10/2011-10/2012	995,000
Po Leung Kuk (1)	ICT training programme for the elderly	1-8/2012	287,333
The Hong Kong Institution of Engineers - IT Division (1)	Hong Kong ICT Awards 2012 [Best Public Service Application Award]	11/2011-6/2012	223,695

2012-13 (Note 1)

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Hong Kong Computer Society (2)	Hong Kong ICT Awards 2013 [Best Business Award]	11/2012-6/2013	297,500
	Organising Asia Pacific ICT Alliance (APICTA) Awards 2012 Delegation	12/2012	81,914

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Chinese YMCA of Hong Kong (2)	The "iCity" project (Survey, visits, talks, competition and television programme)	12/2012- 12/2014	900,041
Green ICT Consortium (1)	Hong Kong ICT Awards 2013 [Best Green ICT Award]	11/2012-6/2013	234,921
Hong Kong Council of Social Service (1)	Hong Kong ICT Awards 2013 [Best Digital Inclusion Award]	11/2012-6/2013	297,500
Hong Kong Digital Entertainment Association (1)	Hong Kong ICT Awards 2013 [Best Digital Entertainment Award]	11/2012-6/2013	297,494
Hong Kong Information Technology Federation (1)	Hong Kong ICT Awards 2013 [Best Lifestyle Award]	11/2012-6/2013	282,967
Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies Ltd (1)	2012 Guangdong-Hong Kong IoT Technology Application Summit	8/2012	100,000
Hong Kong Society for the Aged (1)	Smart Elderly Awards	12/2012-4/2013	800,000
Hong Kong Software Industry Association (2)	Hong Kong ICT Awards 2013 [Best Collaboration Award]	11/2012-6/2013	288,462
	2012 The 16th International Soft China - International Forum and Hong Kong Pavilion	5-6/2012	841,687
Hong Kong Wireless Technology Industry Association (1)	Hong Kong ICT Awards 2013 [Best Mobile Apps Award]	11/2012-6/2013	271,400
Information and Software Industry Association (1)	Hong Kong ICT Awards 2013 [Best SME ICT Award]	11/2012-6/2013	269,500
Internet Professional Association (1)	Hong Kong ICT Awards 2013 [Best Innovation & Research Award]	11/2012-6/2013	270,827
The Hong Kong Institution of Engineers - IT Division (1)	Hong Kong ICT Awards 2013 [Best Public Service Application Award]	11/2012-6/2013	221,675

2013-14 (Note 1)

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Hong Kong Council of Social Service (2)	Hong Kong ICT Awards 2014 [Best Digital Inclusion Award]	11/2013-6/2014	242,500
	2013-14 Sector-specific Programme for Logistics Sector	12/2013-7/2015	456,926
Hong Kong Society for the Aged (2)	Smart Elderly IT Star Awards	12/2013-8/2014	740,000
	Development of digital inclusion mobile application (eElderly Activity Search)	4/2013-3/2014	377,000
Hong Kong Wireless Technology Industry Association (2)	Hong Kong ICT Awards 2014 [Best Mobile Apps Award]	11/2013-6/2014	241,500
	SafeWiFi Campaign 2013 (Survey, seminar and website)	12/2013-7/2014	100,000
Centre for Innovation and Technology, The Chinese University of Hong Kong (1)	IT Exploration Tours for Secondary Students during the International IT Fest 2014 (Visits)	4/2014	101,520
Communication Association of Hong Kong (1)	Hong Kong ICT Awards 2014 [Best Green ICT Award]	11/2013-6/2014	242,500
Evangelical Lutheran Church Social Service - Hong Kong (1)	ICT Outreach Programme for the Elderly	3-12/2014	249,439
Hong Kong Blind Union (1)	Development of digital inclusion mobile application (Searching & Exploring with Speech Augmented Map Information)	4/2013-3/2014	393,000
Hong Kong Computer Society (1)	Hong Kong ICT Awards 2014 [Best Business Solution Award]	11/2013-6/2014	242,500

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Hong Kong Digital Entertainment Association (1)	Hong Kong ICT Awards 2014 [Best Digital Entertainment Award]	11/2013-6/2014	242,154
Hong Kong Information Technology Federation (1)	Hong Kong ICT Awards 2014 [Best Lifestyle Award]	11/2013-6/2014	242,500
Hong Kong Lutheran Social Service (1)	Development of digital inclusion mobile application ("Learn smart" teaching material publishing platform)	4/2013-3/2014	178,000
Hong Kong New Emerging Technology Education Association (1)	Hong Kong ICT Awards 2014 [Best Student Invention Award]	11/2013-6/2014	228,530
Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies Ltd (1)	2013 Guangdong-Hong Kong IoT Technology Application Summit	9/2013	100,000
Hong Kong Sheng Kung Hui Welfare Council (1)	ICT Outreach Programme for the Elderly	3-12/2014	240,070
Information and Software Industry Association (1)	Hong Kong ICT Awards 2014 [Best SME ICT Award]	11/2013-6/2014	240,250
Internet Society Hong Kong (1)	Hong Kong ICT Awards 2014 [Best ICT Startup Award]	11/2013-6/2014	242,500
Po Leung Kuk (1)	ICT Outreach Programme for the Elderly	3-12/2014	215,661
The Society of Anaesthetists of Hong Kong (1)	Development of digital inclusion mobile application (Stories for Social Skills Made Easy)	4/2013-3/2014	210,000

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
The Hong Kong Association for Computer Education (1)	IT Exploration Tours for Secondary Students during the International IT Fest 2014 (Visits)	4/2014	100,000
The Hong Kong Federation of Handicapped Youth (1)	Development of digital inclusion mobile application (Barrier-Free Travel Guide)	4/2013-3/2014	285,000
The Hong Kong Institution of Engineers - IT Division (1)	Hong Kong ICT Awards 2014 [Best Innovation Award]	11/2013-6/2014	215,459
The Hong Kong Society for Rehabilitation (1)	2013-14 Sector-specific Programme for Land Transport Sector	12/2013-2/2015	700,715
The Hong Kong Society for the Deaf (1)	Development of digital inclusion mobile application (Auditory and Speech Training App)	4/2013-3/2014	216,000
Yang Memorial Methodist Social Service (1)	Development of digital inclusion mobile application (Hong Kong Easy)	4/2013-3/2014	338,000

2014-15 (Note 1)

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Hong Kong Computer Society (2)	Hong Kong ICT Awards 2015 [Best Business Solution Award]	11/2014-6/2015	242,000
	Asia Pacific ICT Awards (APICTA) 2014 Delegation	12/2014	93,416
SME Global Alliance (2)	SME Cloud Promotion Campaign Training Programme for Sales & Marketing	1-6/2015	199,898
	SME Cloud Promotion Campaign Training Programme for HR Management & Accounting	1-6/2015	199,953

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Chamber of Security Industry (1)	2014-15 Sector-specific Programme (Security sector)	8/2014-6/2016	500,000
Ebenezer School and Home for the Visually Impaired (1)	Digital Inclusion Mobile Apps (MathAid)	7/2014	156,150
GS1 Hong Kong Limited (1)	Hong Kong ICT Awards 2015 [Best Smart Hong Kong Award]	11/2014-6/2015	240,800
Hong Kong Association of the Deaf (1)	Digital Inclusion Mobile Apps (SignChat)	7/2014	414,675
Hong Kong Digital Entertainment Association Limited (1)	Hong Kong ICT Awards 2015 [Best Digital Entertainment Award]	11/2014-6/2015	241,974
Hong Kong Information Technology Federation (1)	Hong Kong ICT Awards 2015 [Best Lifestyle Award]	11/2014-6/2015	242,000
Hong Kong New Emerging Technology Education Association (1)	Hong Kong ICT Awards 2015 [Best Student Invention Award]	11/2014-6/2015	228,059
Hong Kong Retail Technology Industry Association (1)	SME Cloud Promotion Campaign Training Programme for Retail	12/2014-4/2015	378,754
Hong Kong Society for the Deaf (1)	Digital Inclusion Mobile Apps (Articulation Screening and Training Tool)	7/2014	389,610
Hong Kong Software Industry Association (1)	18th International Soft China Forum and Hong Kong Pavilion	05/2014	533,040
Hong Kong Wireless Technology Industry Association (1)	Hong Kong ICT Awards 2015 [Best Mobile Apps Award]	11/2014-6/2015	233,600
Hong Kong Young Women's Christian Association (1)	Digital Inclusion Mobile Apps (HOPE Chinese Character Game)	7/2014	385,200
Internet Society Hong Kong (1)	Hong Kong ICT Awards 2015 [Best ICT Startup Award]	11/2014-6/2015	240,513

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Jockey Club Centre for Positive Ageing (1)	Digital Inclusion Mobile Apps (One Click to Know Dementia)	7/2014	330,300
The Association For Hong Kong Catering Services Management (1)	SME Cloud Promotion Campaign Training Programme for Catering	1-5/2015	264,875
The Chamber of Hong Kong Logistics Industry (1)	SME Cloud Promotion Campaign Training Programme for Logistics & Land Transport	1-6/2015	178,111
The Hong Kong Chinese Importers' & Exporters' Association (1)	SME Cloud Promotion Campaign Training Programme for Import & Export Trade	12/2014-4/2015	380,546
The Hong Kong Council of Social Service (1)	Hong Kong ICT Awards 2015 [Best Digital Inclusion Award]	11/2014-6/2015	242,000
The Hong Kong Institution of Engineers - Information Technology Division (1)	Hong Kong ICT Awards 2015 [Best Innovation Award]	11/2014-6/2015	178,534
The Information and Software Industry Association (1)	Hong Kong ICT Awards 2015 [Best SME ICT Award]	11/2014-6/2015	242,000

2015-16 (by end 2016) (Note 1)

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Hong Kong Computer Society (2)	Hong Kong ICT Awards 2016 [Best Business Solution Award]	10/2015-6/2016	121,000
	Asia Pacific ICT Awards (APICTA) 2015 Delegation	12/2015	121,960
Evangelical Lutheran Church Social Service - Hong Kong (1)	數碼共融外展計劃 2.0 (Note 2)	7/2015-7/2016	249,988
GS1 Hong Kong Limited (1)	Hong Kong ICT Awards 2016 [Best Smart Hong Kong Award]	10/2015-6/2016	121,000

Organisation (Number of sponsored activity/event in the year)	Name of activity/event	Date	Amount of funding (HK$)
Hong Kong Digital Entertainment Association Limited (1)	Hong Kong ICT Awards 2016 [Best Digital Entertainment Award]	10/2015-6/2016	121,000
Hong Kong Information Technology Federation (1)	Hong Kong ICT Awards 2016 [Best Lifestyle Award]	10/2015-6/2016	121,000
Hong Kong Information Technology Joint Council (1)	Hong Kong ICT Awards 2016 [Best ICT Startup Award]	10/2015-6/2016	110,000
Hong Kong Institute of Bankers (1)	Hong Kong ICT Awards 2016 [Best FinTech Award]	10/2015-6/2016	121,000
Hong Kong New Emerging Technology Education Association (1)	Hong Kong ICT Awards 2016 [Best Student Invention Award]	10/2015-6/2016	121,000
Hong Kong Software Industry Association (1)	19th International Soft China Forum and Hong Kong Pavilion	5/2015	505,025
Hong Kong Wireless Technology Industry Association (1)	Hong Kong ICT Awards 2016 [Best Mobile Apps Award]	10/2015-6/2016	121,000
Po Leung Kuk (1)	樂在耆「連」長者數碼網絡計劃 (Note 2)	7/2015-7/2016	285,060
The Hong Kong Society for the Aged (1)	數碼樂聚・影・情真 (Note 2)	7/2015-7/2016	180,000

Note 1: Depending on when the sponsorship was approved.

Note 2: English name not available.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5281)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Will the Government advise on the following:

(1)   How many new civil service IT posts has the Office of the Government Chief Information Officer applied with the Civil Service Bureau (CSB) in the past 3 years? How many posts applied for have been approved by the CSB (please list out by department, year and post title)?

(2)   If applications for the IT posts have been revised or rejected, what are the justifications of the CSB?

Asked by: Hon Charles Peter MOK (Member Question No. 55)

Reply:

The required information is provided as follows:

(1)   The numbers of new civil service posts approved for creation in the information technology (IT) grades in the Office of the Government Chief Information Officer in the past 3 years are as follows:

Financial Year	Number of New Posts Approved
2013-14	4
2014-15	5
2015-16	5

(2)   The Government's guiding principles for considering the creation of additional civil service posts are as follows: when the operational need is fully justified; and the work involved cannot be handled by streamlining the procedures, re-organisation, re-deployment of existing staff or any other means.   The above principles are applicable across all the civil service grades, including the IT grades.   Manpower in

the IT grades will be increased as and when it is fully justified on the grounds of maintaining effective operation and addressing the manpower needs arising from new and improved services.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5300)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

In respect of the public relations expenditure of government departments, please inform this Committee of the following:

(1)   the total expenditure of the Office of the Government Chief Information Officer for publishing advertisements, sponsored content or advertorials in newspapers registered under the Registration of Local Newspapers Ordinance in the past year as well as the relevant details:

Date of publish (Day/Month/Year)	Status (one-off/ ongoing/done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Name of media organisation and newspaper	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)

(2)   the expenditure of the Office of the Government Chief Information Officer for sponsoring local free-to-air television stations, paid television stations and radio stations to provide information and produce programmes or materials in the past year as well as the relevant details:

Date of broadcast (Day/Month/Year)	Status (one-off/ ongoing/ done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Media organisation	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016)

(3)   the media organisations which published or broadcast advertisements/sponsored content of the Office of the Government Chief Information Officer in the past 3 years, as well as the frequency and the total expenditure involved (in descending order of amount spent):

Name of media organisation	Frequency	Total expenditure ($)

(4)   the websites/network platforms on which the Office of the Government Chief Information Officer published online advertisements/sponsored content in the past 3 years, as well as the frequency, the duration (days) and the total expenditure involved (tabulated in descending order of amount spent):

Website/ network platform	Content of advertisement	Frequency	Duration (days)	Hit rate, frequency of exposure and number of viewers	Total expenditure ($)

Asked by: Hon Charles Peter MOK (Member Question No. 74)

Reply:

The required information is provided as follows:

(1)   The total expenditure of the Office of the Government Chief Information Officer (OGCIO) for publishing advertisements, sponsored content or advertorials in newspapers registered under the Registration of Local Newspapers Ordinance in the past year as well as the relevant details are as follows:

Date of publish (Year/Month/ Day)	Status (one-o ff/ ongoin g/ done) (as at 29 Februa ry 2016)	Government or public organisation (including policy bureau/ department/ public organisation/ government advisory body)	Name and purpose of advertisement	Name of media organisation and newspaper	Frequen cy (as at 29 February 2016)	Expenditu re (as at 29 February 2016) ($)
2015/4/2	Done	Office of the Government Chief Information Officer	Name: "Digital Inclusion Let IT Play" Concert Purpose: Promote the event and encourage public participation	Milk Magazine	1	18,900
(1) 2015/4/9 (2) 2015/4/11 (3) 2015/4/16 (4) 2015/4/17 (5) 2015/4/18 (6) 2015/4/21 (7) 2015/4/22 (8) 2015/4/23 (9) 2015/4/24	Done	Office of the Government Chief Information Officer	Name: International IT Fest (IT Fest) Purpose : Promote IT Fest and showcase the development in ICT	Hong Kong Economic Times	9	206,000
2015/4/9	Done	Office of the Government Chief Information Officer	Name: International IT Fest (IT Fest) Purpose : Promote IT Fest and showcase the development in ICT	Headline Daily	1	62,000
(1) 2015/4/9 (2) 2015/4/21	Done	Office of the Government Chief Information Officer	Name: International IT Fest (IT Fest) Purpose :	Ming Pao	2	50,400

			Promote IT Fest and showcase the development in ICT			
2015/4/9	Done	Office of the Government Chief Information Officer	Name: International IT Fest (IT Fest) Purpose : Promote IT Fest and showcase the development in ICT	PC Market	2	37,000
(1) 2015/4/9 (2) 2015/4/24	Done	Office of the Government Chief Information Officer	Name: International IT Fest (IT Fest) Purpose : Promote IT Fest and showcase the development in ICT	e-zone	2	29,500
2015/4/10	Done	Office of the Government Chief Information Officer	Name: Hong Kong ICT Awards 2015 Purpose: Promote Hong Kong ICT Awards 2015	The Standard	1	48,500
2015/4/10	Done	Office of the Government Chief Information Officer	Name: Hong Kong ICT Awards 2015 Purpose: Promote Hong Kong ICT Awards 2015	Sing Tao Daily	1	90,600
2015/4/13	Done	Office of the Government Chief Information Officer	Name: Web Accessibility Recognition Scheme 2015 Purpose: Announce awarded organisations of Web Accessibility Recognition	Oriental Daily	1	110,000

			Scheme and promote web accessibility			
2015/4/22	Done	Office of the Government Chief Information Officer	Name: International IT Fest (IT Fest) Purpose : Promote IT Fest and showcase the development in ICT	The Standard	1	26,000
2015/6/8	Done	Office of the Government Chief Information Officer	Name: Common Wi-Fi Brand Wi-Fi.HK Purpose: Promote "Wi-Fi.HK" brand	Hong Kong Economic Times am730	1 1	36,000 32,000
2015/6/22	Done	Office of the Government Chief Information Officer	Name: Common Wi-Fi Brand Wi-Fi.HK Purpose: Promote "Wi-Fi.HK" brand	Ming Pao Sky Post	1 1	37,500 24,000
2015/7/7	Done	Office of the Government Chief Information Officer	Name: Common Wi-Fi Brand Wi-Fi.HK Purpose: Promote "Wi-Fi.HK" brand	PC Market	1	23,000
2015/7/23	Done	Office of the Government Chief Information Officer	Name: Common Wi-Fi Brand Wi-Fi.HK Purpose: Promote "Wi-Fi.HK" brand	e-zone	1	0
2015/10/22	Done	Office of the Government Chief Information Officer	Name: Promotion booklet of Web Accessibility Recognition Scheme	Oriental Daily	1	30,000

			Purpose: Promote the new round of Web Accessibility Recognition Scheme and encourage participation by organisations			
2015/10/26	Done	Office of the Government Chief Information Officer	Name: Hong Kong ICT Awards 2016 Purpose: Promote Hong Kong ICT Awards 2016	Headline Daily	1	39,200
2015/11/7	Done	Office of the Government Chief Information Officer	Name: New Enriched IT Programme in Secondary Schools - Nurture the New Generation of IT Elites Purpose: Promote the Enriched IT Programme in Secondary Schools and introduce the 8 partner schools	Sing Tao Daily	1	102,000
2015/11/18	Done	Office of the Government Chief Information Officer	Name: Hong Kong ICT Awards 2016 Purpose: Promote Hong Kong ICT Awards 2016	Hong Kong Economic Times	1	23,000
2015/11/28	Done	Office of the Government Chief Information Officer	Name: Hong Kong ICT Awards 2016 Purpose: Promote Hong Kong ICT Awards 2016	iMoney	1	22,000
2015/12/14	Done	Office of the Government Chief	Name: Hong Kong ICT	The Standard	1	15,000

		Information Officer	Awards 2016 Purpose: Promote Hong Kong ICT Awards 2016				
2015/12/30	Done	Office of the Government Chief Information Officer	Name: Hong Kong ICT Awards 2016 Purpose: Promote Hong Kong ICT Awards 2016	PC Market	1	22,000

(2)   The expenditure of the OGCIO for sponsoring local free-to-air television stations, paid television stations and radio stations to provide information and produce programmes or materials in the past year as well as the relevant details are as follows:

Date of broadcast (Year/Month/Day)	Status (one-off/ ongoing / done) (as at 29 February 2016)	Government or public organisation (including policy bureau/ department/ public organisation / government advisory body)	Name and purpose of advertisement	Media organisation	Frequency (as at 29 February 2016)	Expenditure (as at 29 February 2016) ($)
(1) 2015/4/9 (2) 2015/4/11 (3) 2015/4/15 (4) 2015/4/17 (5) 2015/4/23 (6) 2015/4/24	Done	Office of the Government Chief Information Officer	Name: International IT Fest (IT Fest) Purpose : Promote IT Fest and showcase the development in ICT	Hong Kong Commercial Broadcasting Co Ltd	6	119,860

(3)   The media organisations which published or broadcast advertisements/sponsored content of the Office of the Government Chief Information Officer in the past 3 years, as well as the frequency and the total expenditure involved (in descending order of amount spent) are as follows:

Name of media organisation	Frequency	Total expenditure ($)
Sing Tao Daily	19	668,080
Headline Daily	5	649,410
Hong Kong Economic Times	29	599,500
Hong Kong Commercial Broadcasting Co Ltd	15	560,315

Oriental Daily	5	525,000
Sky Post	5	503,000
Ming Pao	7	345,450
MTR Corporation Limited	1	325,941
The Standard	8	290,600
e-zone	16	276,100
South China Morning Post	3	252,790
PC Market	12	212,000
am730	6	204,990
Metro Radio	3	139,000
The Kowloon Motor Bus Company (1933)	1	28,000
Hong Kong Economic Journal	1	23,000
iMoney	1	22,000
Milk Magazine	1	18,900
Metro Daily	1	18,000
U magazine	1	15,000
Capital CEO	1	9,000
unwire.hk	1	5,100

(4)   The websites/network platforms on which the OGCIO published online advertisements/sponsored content in the past 3 years, as well as the frequency, the duration (days) and the total expenditure involved (tabulated in descending order of amount spent) are as follows:

Website/network platform	Content of advertisement	Frequency	Duration (days)	Hit rate, frequency of exposure and number of viewers	Total expenditure ($)
Yahoo Hong Kong	Promote International IT Fest	3	63	No information	366,140
Facebook	Promote Hong Kong ICT Awards	6	195	No information	181,990
Mobile app advertising network (provided by the contractor)	Promote government mobile apps	1	28	Hit Rate：0.17% Frequency of exposure：17 702 241 Number of viewers：30 641	110,000
unwire.hk	Promote Hong Kong ICT Awards	4	9	No information	102,950
on.cc	Promote Web Accessibility Recognition Scheme	2	21	No information	90,000
unwire.hk	Promote International IT Fest	2	62	No information	80,800
Facebook Mobile App	Promote government mobile apps	1	28	Hit Rate：1.69% Frequency of exposure：1 319 041	80,000

				Number of viewers：22 256	
Sing Tao Daily Website	Promote Web Accessibility Recognition Scheme	1	14	No information	68,000
South China Morning Post	Promote Hong Kong ICT Awards	3	21	No information	67,500
e-zone	Promote Hong Kong ICT Awards	2	5	No information	58,000
PC Market	Promote Hong Kong ICT Awards	2	5	No information	55,000
Mobile Device Ads	Promote Hong Kong ICT Awards	3	28	No information	52,200
881903.com	Promote iStartup@HK activities and portal	1	49	Hit Rate：0.18% Frequency of exposure：2 208 757	50,000
Apple Daily Mobile App	Promote government mobile apps	1	7	Hit Rate：7.79% Frequency of exposure：315 891 Number of viewers：24 603	42,750
Ads factor Technology Channel	Promote iStartup@HK portal	1	28	Frequency of exposure is not less than 1 600 000 as stipulated in the contract	40,000
HKToolbar iPhone	Promote iStartup@HK activities	1	7	Hit Rate：1.63% Frequency of exposure 250 016	37,145
am730 Mobile App	Promote government mobile apps	1	7	Hit Rate：4.19% Frequency of exposure：203 629 Number of viewers：8 542	36,600
hkgolden.com	Promote Hong Kong ICT Awards	2	35	No information	36,440
YouTube	Promote government mobile apps	1	28	Hit Rate：11.34% Frequency of exposure：163 046 Number of	36,125

					viewers：18 489	
Computerworld	Promote Hong Kong ICT Awards	2	14	No information	35,330
Hong Kong Discussion Forum	Promote Hong Kong ICT Awards	3	28	No information	35,100
Hong Kong Economic Journal StartUpBeat	Promote International IT Fest	1	14	No information	35,000
Yahoo Hong Kong	Promote Hong Kong ICT Awards	2	42	No information	31,600
now News Mobile App	Promote government mobile apps	1	7	Hit Rate：0.59% Frequency of exposure：251 970 Number of viewers：1 493	31,200
Hong Kong Toolbar Mobile App	Promote Cyber Security Information Portal	1	13	No information	31,000
Yahoo Hong Kong	Promote government mobile apps	1	28	Hit Rate：0.08% Frequency of exposure：4 591 025 Number of viewers：3 753	30,000
Google Ad Display Network	Promote government mobile apps	1	28	Hit Rate：0.02% Frequency of exposure：32 041 243 Number of viewers：6 859	30,000
LinkedIn	Promote Hong Kong ICT Awards	2	50	No information	29,500
Timable	Promote International IT Fest	3	63	No information	28,500
Facebook	Promote Cyber Security Information Portal	1	23	No information	28,000
Sing Tao Daily Website	Promote Cyber Security Information Portal	1	7	No information	27,500
on.cc	Promote Hong Kong ICT Awards	2	42	No information	26,500
Headline Mobile App	Promote Cyber Security	1	14	No information	26,000

	Information Portal				
Sing Tao Daily Website	Promote Hong Kong ICT Awards	2	14	No information	25,100
e-zone and Utravel Website	Invite Hong Kong citizens to participate in selection of common Wi-Fi brand in Hong Kong	1	14	No information	25,000
Ads factor Technology Channel	Promote International IT Fest	1	21	No information	25,000
on.cc	Promote International IT Fest	1	21	No information	25,000
Hong Kong Discussion Forum and hket.com	Promote Hong Kong ICT Awards	1	30	No information	24,000
Hotmob	Promote "Wi-Fi.HK" brand	1	14	Hit rate: 0.84% Frequency of exposure: 553 713	23,750
Facebook	Promote International IT Fest	2	42	No information	23,250
Hong Kong Discussion Forum	Promote Cyber Security Information Portal	1	7	No information	16,300
881903.com	Promote "Digital Inclusion Let IT Play" Concert	1	14	Frequency of exposure： 100 000	15,750
Facebook and my903.com	Promote "Digital Inclusion Let IT Play" Concert	1	14	Frequency of exposure： 165 000	15,750
Facebook	Invite Hong Kong citizens to participate in selection of common Wi-Fi brand in Hong Kong	1	14	No information	15,000
Twitter	Promote International IT Fest	1	21	No information	14,630
Facebook	Promote "Wi-Fi.HK" brand	1	21	Hit rate: 2.67% Frequency of exposure: 223 565	13,750
HKEPC	Promote International IT Fest	1	21	No information	10,130

Ads factor News	Promote International IT Fest	1	21	No information	10,000
PC Market and Facebook	Promote International IT Fest	1	21	No information	10,000
WinandMac and Facebook	Promote International IT Fest	1	21	No information	10,000
e-zone and Facebook	Promote International IT Fest	1	21	No information	10,000
hket.com	Promote Hong Kong ICT Awards	1	14	No information	9,500
thehousenews.com	Promote Hong Kong ICT Awards	1	7	No information	8,500
LinkedIn	Promote International IT Fest	1	21	No information	8,250
am730	Promote Hong Kong ICT Awards	1	7	No information	7,200
unwire.hk	Promote Cyber Security Information Portal	1	7	No information	5,100
am730	Promote Cyber Security Information Portal	1	7	No information	3,100
Metro Daily	Promote Hong Kong ICT Awards	1	7	No information	2,650

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5324)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

(1)   Please list out in tabular form the social media platforms set up and operated by the Office of the Government Chief Information Officer (OGCIO) and its subvented organisations (including outsourced contractors or consultants) in 2015-16 (as at 29 February 2016).

Commencement of operation (Month/Year)	Status (keeps on updating/ ceased updating)	OGCIO/ subvented organisations	Name	Social media platforms	Purpose of setting up (the platforms)and content	Number of "Likes"/ subscribers/ average monthly visits	Compilation of summary of comments and follow-up on a regular basis (Yes/ No)	Average daily messages posted and interaction per message (number of "Likes", responses and shares in total)	Rank and number of officers responsible for the operation	Expenditure involved in setting up (the platforms) and daily operation

(2)   The numbers of messages deleted and accounts blocked on the above social media platforms.

Asked by: Hon Charles Peter MOK (Member Question No. 98)

Reply:

The required information is provided as follows:

(1) Details of the social media platforms set up and operated by the Office of the Government Chief Information Officer (OGCIO) and its subvented organisations (including outsourced contractors or consultants) in 2015-16 (as at 29 February 2016):

Commencement of operation (Month/Year)	Status (keeps on updating/ ceased updating)	OGCIO/ subvented organisations	Name	Social media platforms	Purpose of setting up (the platforms)and content	Number of "Likes"/ subscribers/ average monthly visits	Compilation of summary of comments and follow-up on a regular basis (Yes/No)	Average daily messages posted and interaction per message (number of "Likes", responses and shares in total)	Rank and number of officers responsible for the operation	Expenditure involved in setting up (the platforms) and daily operation
09/2009	Keeps on updating	OGCIO	Hong Kong ICT Awards	Facebook	To promote Hong Kong ICT Awards	Number of "Likes"/ subscribers: 9 357	No (comments immediately followed up)	Average daily messages posted: 0.1 Average interaction per message: 10.76	Daily operation outsourced	Absorbed within the outsourced promotion contract. No detailed cost breakdown available
03/2010	Keeps on updating	OGCIO	GovHK	YouTube	To disseminate feature or promotional video clips on government services and information	Number of subscribers: 2 006	No	Number of video clips uploaded in 2015-16: 3 Number of interactions: 198	1 Manager and 1 Analyst/ Programmer on a part-time basis	Implemented with OGCIO's existing manpower and resources and no additional resources are involved; it is not possible to provide breakdown of the financial resources involved in setting up and operating the social media

										platform
11/2012	Keeps on updating	OGCIO	Digital Inclusion for Active Ageing	Facebook	To provide information of OGCIO's initiatives to encourage ICT adoption among the elderly	Number of "Likes": 2 306 Average monthly visits: 240	No	Average daily messages posted: 0.2 i.e. an average of 1 post per week Average interaction per message: 37	1 Analyst/ Programmer on a part-time basis	Implemented with OGCIO's existing manpower and resources and no additional resources are involved
12/2012	Keeps on updating	OGCIO	InfoSec	YouTube	To promote information security to the public	Number of subscribers: 500 Average monthly visits: 4 091	No	A total of 181 video clips	1 Analyst/ Programmer on a part-time basis	Implemented with OGCIO's existing manpower and resources and no additional resources are involved; it is not possible to provide breakdown of the financial resources involved in setting up and operating the social media platform
09/2013	Keeps on updating	OGCIO	Common Chinese Language Interface	YouTube	To promote adoption of Chinese characters encoding standards	Number of subscribers: 113 Average monthly visits: 83	No	A total of 11 video clips	1 Analyst/ Programmer on a part-time basis	Implemented with OGCIO's existing manpower and resources and no additional resources are involved; it is not possible to provide breakdown of the financial resources

										involved in setting up and operating the social media platform
1) 09/2014 2) 02/2015	Keeps on updating	OGCIO	iStartup@HK	1) Facebook 2) Twitter	To disseminate the latest news about the tech startup community	1) Number of "Likes" : 792 2) Number of followers: 32 (As at 10/3/2016)	No	1) Facebook Average daily messages posted : around 1 Average interaction per message : around 10 2) Twitter Average daily messages posted : around 1 Average interaction per message : around 1	1 Assistant Manager and 1 Analyst / Programmer on a part-time basis	Implemented with OGCIO's existing manpower and resources and no additional resources are involved; it is not possible to provide breakdown of the financial resources involved in setting up and operating the social media platform
11/2014	Ceased updating	OGCIO	Web For All	YouTube	To promote web accessibility to the public	Number of "Likes": 4 Number of subscribers: 8	No	Not applicable	Not applicable	Not applicable

						Average monthly visits: 128				
12/2014	Keeps on updating	OGCIO	Cyber Security Information Portal	Twitter	To disseminate information about events and updates of the portal	Number of Followers: 41	No	A total of 142 Tweets posts	1 Analyst/ Programmer on a part-time basis	Implemented with OGCIO's existing manpower and resources and no additional resources are involved; it is not possible to provide the breakdown of the financial resources involved in setting up and operating the social media platform
01/2015	Keeps on updating	OGCIO	International IT Fest	Facebook	To promote International IT Fest	Number of "Likes" : 4 046

Number of Subscribers: 1 839 | No (comments immediately followed up) | Average Daily messages posted：0.24

Average interaction per message： 48.16 | Daily operation outsourced | Absorbed within the outsourced promotion contract.　No detailed cost breakdown available |
| 03/2015 | Keeps on updating | OGCIO | International IT Fest | Twitter | To promote International IT Fest | Number of "Likes" : 85

Number of followers : 2 292 | No (comments immediately followed up) | Average Daily Tweets posted：0.03

Average interaction per Tweet：8.5 | Daily operation outsourced | Absorbed within the outsourced promotion contract.　No detailed cost breakdown available |

| 11/2015 | Keeps on updating | OGCIO | International IT Fest | YouTube | To promote International IT Fest | Number of Subscribers: 6

Number of Views: 787 | No (comments immediately followed up) | A total of 47 video clips | 1 Analyst/ Programmer on a part-time basis | Implemented with OGCIO's existing manpower and resources and no additional resources are involved |
|---|---|---|---|---|---|---|---|---|---|---|
| 12/2015 | Keeps on updating | OGCIO | Digital Inclusion Mobile Apps | Facebook | To promote funded digital inclusion mobile apps | Number of "Likes": 72

Average monthly visits: 135 | No | Average daily messages posted: 0.2

i.e. an average of 1 post per week

Average interaction per message: 30 | 1 Analyst/ Programmer on a part-time basis | Implemented with OGCIO's existing manpower and resources and no additional resources are involved |

(2)　　OGCIO did not delete messages and block accounts on the above social media platforms.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5744)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

(1) Please provide, in table form, the number of requests for information under the Code on Access to Information received by the Office of the Government Chief Information Officer and its subvented organisations in 2015-16 as well as the relevant details:

Bureau/ Department/ Organisation	Number of requests received	Information involved (items)	Number of requests being handled	Number of requests in which all information was provided	Number of requests in which some information was provided	Average number of days taken to handle the requests (working days)

(2) the 3 pieces of information most frequently requested by the public and the number of such requests;

(3) the 5 requests for information which took the longest time to handle, the number of days taken to handle such requests and the reasons; and

(4) the content of the requests refused, the reasons for the refusal and the number of requests for reviews lodged by the public.

Asked by: Hon Charles Peter MOK (Member Question No. 179)

<u>Reply</u>:

From January 2015 to September 2015, the Office of the Government Chief Information Officer (OGCIO) received one request for information under the Code on Access to Information. It was a request for information relating to the block allocation for New Administrative Computer Systems. For the said case, full information was provided within 45 days upon receipt of the request. It took time to process the request because preparation/verification of large amount of information was involved. As at 30 September 2015, there is no outstanding case.

In the above-mentioned period, OGCIO did not receive any request for internal review on the processing of the case concerned.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2427)

Head: (47) Government Secretariat : Office of the Government Chief
                 Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the numbers of orders and value of government procurement under information technology category in the past year?   How many of these orders were undertaken by local small and medium enterprises (SMEs) and what was the value of these orders?   Following the establishment of the Innovation and Technology Bureau, what new measures does the Government take to increase the chances of local SMEs' technology deliverables being adopted by the Government?   What are the financial resources and manpower involved?

Asked by: Dr Hon Elizabeth QUAT (Member Question No. 2)

Reply:

In 2015-16 (as of end January), the number of procurement orders issued by government bureaux and departments (B/Ds) on information technology (IT) products and services through the standing offer agreements administered by the Office of the Government Chief Information Officer (OGCIO) amounted to 4 670 at a total value of $650 million.   Of these orders, 210 were undertaken by small and medium enterprises (SMEs) at a total value of $46 million.   In particular, the number of orders on IT services procured through the Standing Offer Agreement for Quality Professional Services (SOA-QPS) amounted to 337 at a total value of $250 million.   Of these orders, 60 were undertaken by SMEs at a total value of $33.9 million.

The Government's procurement policy is to conduct procurement in the most cost-effective manner through open, fair and competitive processes.   We do not favour or discriminate against any suppliers.   Nevertheless, having regard to the Agreement on Government Procurement of the World Trade Organization, the Government has taken the following measures to encourage local SMEs to bid for government IT projects:

(a) Where practicable and without affecting the overall project, breaking a large-scale project down into multiple projects of manageable sizes and awarding contracts in phases so that SMEs can have more opportunities to participate;

(b) Avoiding awarding to the same tenderer as far as possible for tender involving more than one contract so as to assist other SMEs in bidding for government tenders;

(c) Setting up specific service groups under the SOA-QPS for B/Ds to acquire IT professional services with contract value not exceeding $1.43 million;

(d) Providing more government IT project information to the market (for example, launching e-Procurement service to improve the tenderers' efficiency and reduce their effort in preparing tender submission; promoting their products and services to the Government through the "Government IT Business Window" and "Suppliers Community Portal" on the OGCIO website; and publishing the "Quarterly Catalogue of Opportunities for Private Sector Participation" on the Digital 21 Strategy website); and

(e) Reducing the financial burden on tenderers (for example, lowering or waiving the tender and contract deposit requirement; and only requiring a performance bond or bank guarantee from a successful tenderer for contract of high value or complex project if the tenderer is unable to supply adequate supporting information about its financial capability to perform its contractual obligations during financial vetting) so as to assist SMEs to participate in government tenders.

The above-mentioned work is undertaken by existing resources and manpower with no separate breakdown.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2428)

Head: (47) Government Secretariat : Office of the Government Chief
                          Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please list out the financial resources and manpower involved for the Government's setting
up and maintenance of the free public Wi-Fi network, as well as those used by the
Government during its collaboration with private sectors for offering the Wi-Fi network
completely free or free for a certain period of time in public places.

Asked by: Dr Hon Elizabeth QUAT (Member Question No. 3)

Reply:

Over 3 100 Wi-Fi hotspots have been installed at about 600 government venues for free use
by the public and visitors under the Government Wi-Fi (Gov*WiFi*) Programme. The Finance
Committee of the Legislative Council approved a total funding of $285.6 million in 2007
and 2011 for the provision of the Gov*WiFi* services for 10 years up to 2017. As at
February 2016, the total expenditure of Gov*WiFi* was around $236 million. The
non-recurrent manpower spent on the Gov*WiFi* services is about 90 man-months.   The
recurrent manpower for daily operation including programme coordination and management
is about 18 man-months each year.   In implementing the Gov*WiFi* programme, the
Government has taken up the programme coordination, management and support of the
services, as well as monitoring the performance of the contractor in its installation works
and daily operation and maintenance of the services.   We also perform monthly sample
checks at Gov*WiFi* venues to monitor the service performance, including the transmission
speed and connection stability to ensure service quality.

Apart from the provision of the Gov*WiFi* services, the Office of the Government Chief
Information Officer has also collaborated with the industry to launch the common branding
of "Wi-Fi.HK" in August 2014 for promoting free or time-limited free Wi-Fi services
provided by public and private organisations so as to facilitate the public and visitors to
locate and access free public Wi-Fi services across the territory.   With no prior registration,

users can immediately enjoy free public Wi-Fi services under the brand for at least 30 minutes.   The number of hotspots under the "Wi-Fi.HK" brand has increased from over 5 000 since its service launch to over 17 000 today.   The Government's expenditure for establishing and promoting the common Wi-Fi brand since its launch in 2014 is around $1.63 million, which includes inviting relevant organisations in the industry, and public and private organisations to participate in and promote the common branding, arranging an online voting for the public to select their preferred brand identity, developing and maintaining a website and a mobile app, as well as conducting related promotional activities for the common branding.   Free Wi-Fi services are provided by the public and private organisations participating in the Wi-Fi.HK common brand.   The operating expenditures involved are to be borne by these participating organisations.   The Government is mainly responsible for managing and promoting the brand without the need to provide additional funding for participating organisations to offer the Wi-Fi services.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2429)

Head: (47) Government Secretariat : Office of the Government Chief
                          Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

In the past year, what were the training programmes and courses organised as well as measures taken internally by the Government to enhance information and communications technology (ICT) awareness among its staff?   What are the financial resources and manpower involved?   How is the effectiveness evaluated?

Asked by: Dr Hon Elizabeth QUAT (Member Question No. 4)

Reply:

To enhance the knowledge of its staff about information and communications technology (ICT), the Government formulated a training strategy to provide systematic training for about 1 500 information technology (IT) staff working in the Office of the Government Chief Information Officer and other government bureaux and departments.

Based on the job requirements and professional development needs of staff, we developed annual training plan and provided relevant training to staff, enabling them to continuously upkeep knowledge and enhance skills in order to meet job requirements and continuing professional development needs.

We provided training through various channels, including face-to-face training, seminars, e-learning and course fee refund, to enable staff to obtain up-to-date professional knowledge and skills to cope with the implementation of various government ICT strategies.   The training covered a wide range of topics, including big data, cloud computing, information security, Internet of Things, smart city, information management, information system design and implementation, accessibility of e-services, and IT infrastructure and standards.

In 2015-16, ICT training involves an expenditure of about $4.47 million to deliver about 3 000 trainee-days.   About 10 staff are involved in the planning and coordination of training matters.   The effectiveness of training is generally positive, with about 95% of the trainees rated the programmes at "satisfactory" or above levels.

- End -

Reply Serial No.

ITB234

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2430)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please provide details in tabular form on the mobile applications launched by government departments and public organisations in the past year; the main functions, development costs, maintenance costs of each application; the organisations that developed and administered the applications; as well as the standards of accessibility that the applications achieved.

Asked by: Dr Hon Elizabeth QUAT (Member Question No. 5)

Reply:

Information on the mobile apps developed by government bureaux, departments and public bodies is set out at Annex.

Information on the mobile apps developed by government bureaux, departments and public bodies

Government Department	App Name	Content and Purpose	Mode of Development	Mode of Administration	Development Cost	System Maintenance Cost	Meet the "Baseline Accessibility Criteria"? ◇
Civil Engineering and Development Department	Greener Slopes Better Cityscape	To promote the successful example of landscape treatment for slopes under the Landslip Preventive Measures Programme/ Landslip Prevention and Mitigation Programme.	In-house development	In-house administration	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	No
Civil Service Bureau	Government Vacancies	To facilitate the public to browse or search for information of government vacancies by mobile communication devices.	Developed by a contractor through tendering	In-house administration	$980,000	As the maintenance service provided by a contractor has covered other systems, no separate breakdown on an individual system is available.	Yes
Constitutional and Mainland Affairs Bureau	A Basic Law Quiz A Day	To enhance the general public's knowledge and understanding of the Basic Law and to allow viewing of the Basic Law articles and related materials.	Developed by a contractor	Administered by a contractor	$296,000 (Development cost and system maintenance cost cannot be separately singled out and itemised)	Development cost and system maintenance cost cannot be separately singled out and itemised.	Yes
Construction Industry Council	Trade test	This App provides instant trade test enrollment channel for construction industry workers.	Developed by a contractor, a local small and medium enterprise, through tendering	In-house administration	$616,500	Under warranty	No
Department of Health (Central Health Education Unit)	CookSmart (Removed from App Store in December 2015 as replaced by "CookSmart: EatSmart Recipes")	"CookSmart" magazine puts together selected recipes contributed by chefs from EatSmart Restaurants and the locations of the EatSmart Restaurants. It facilitates health conscious people to eat healthily whether at home or when dining out.	Developed by a contractor through tendering	In-house administration	$257,500	$34,800	No
Department of Health (Central Health Education Unit)	CookSmart: EatSmart Recipes	"CookSmart: EatSmart Recipes" mobile application allows users to view the CookSmart magazine as well as access to over 200 EatSmart recipes on users' mobile device.	Developed by a contractor through tendering	In-house administration			
Department of Health (Central Health Education	EatSmart Restaurant	"EatSmart Restaurant" mobile application contains information of all EatSmart	Developed by a contractor through	In-house administration	$76,000	$15,600	No

Government Department	App Name	Content and Purpose	Mode of Development	Mode of Administration	Development Cost	System Maintenance Cost	Meet the "Baseline Accessibility Criteria"? ◇
Unit)		restaurants in Hong Kong. Through its simple search engine and GPS navigation, users can find their favourite ones instantly.	tendering				
Department of Health (Family Health Service)	Info for Nursing Mum	Content: Breastfeeding policy, infant and young child feeding, questions & answers on breastfeeding and community resources Purpose: To provide latest information on breastfeeding.	In-house development	In-house administration	Developed and maintained internally. No additional costs were involved.	Developed and maintained internally. No additional costs were involved.	Yes
Development Bureau (In collaboration with Construction Industry Council)	Construction Safety App	To establish a single hub of major construction safety related information for all levels of practitioners.	Developed by a contractor through tendering	In-house administration	$883,400 (Including maintenance for first two years)	Not applicable for first two years, then maintained internally and no additional costs would be involved.	Yes
Education Bureau (Kindergarten Administration Section)	Profile of Kindergartens or Kindergarten-cum-child care centres 2015	To enhance the transparency of kindergartens and provide relevant information to facilitate parents to make informed choices for their children.	Developed by a contractor through tendering	In-house administration	The development cost of this mobile app was subsumed in the cost of the whole project on the KG Profile. As it is not a stand-alone project, breakdown is not available. (Total cost of the project on KG Profile: $562,000)	The system maintenance cost of this mobile app was subsumed in the project on KG Profile. As it is not a stand-alone project, breakdown is not available.	No
Education Bureau (Native-speaking English Teacher (NET) Section)	Reading Town 1	Short story and phonics books with interactive features to develop P1 students' interest in reading and their literacy skills and to support the piloting of a primary literacy programme designed by the NET Section.	Developed by a contractor through tendering	In-house administration	$395,000	No additional cost is involved	Yes
Education Bureau (Native-speaking English Teacher (NET) Section)	Reading Town 2 & 3	Short story and phonics books with interactive features to develop P2 & P3 students' interest in reading and their literacy skills and to support the piloting of a primary literacy programme designed by the NET Section.	Developed by a contractor through tendering	In-house administration	$920,000	No additional cost is involved.	Yes
Education Bureau (Personal, Social	E-book of Understandin	The Learning Package aims to help students grasp the	Developed by a contractor	Administered by the Hong	Separate development	Separate system	Yes

Government Department	App Name	Content and Purpose	Mode of Development	Mode of Administration	Development Cost	System Maintenance Cost	Meet the "Baseline Accessibility Criteria"? ◇
and Humanities Education Section)	g the Law, Access to Justice – Basic Law Learning Package (Junior Secondary)	knowledge of the Basic Law and foster their generic skills of thinking and problem solving. It comprises ten units, covering the Preamble, Articles and Annexes of the Basic Law as well as specific areas related to the Basic Law, and three enrichment units, to cater for students' diverse needs.	through tendering	Kong Education City	cost is not available as it is developed as a part of the e-book and e-portal.	maintenance cost per year is not available as it is developed as a part of the e-book and e-portal.	
Education Bureau (Language Fund)	Workplace English Tic-Tac-Toe	Content: To provide practical English conversation applicable to various job nature and workplace context. Purpose: To enhance learning of English in the workplace for frontline working adults who have completed senior secondary education.	Developed by a contractor (a local small and medium enterprise) through tendering	In-house administration	$606,000 (Including first year system maintenance cost and promotion expenditure)	First year system maintenance cost included in development cost	No (App was launched before December 2014)
Efficiency Unit	1823 Online mobile app	To provide the public an interactive platform to get access to the information and services provided by 1823 and its participating departments	Developed by a contractor	In-house administration	Around $700,000	$112,560	No
Environmental Protection Department	Don't fly-tip	To introduce the enhanced control against illegal dumping of construction waste under the Waste Disposal (Amendment) Ordinance 2013. Its real-time map allows parties concerned and the public to identify locations with depositing activities acknowledged by the Department through the prior notification procedures.	Developed by a contractor through tendering	Administered by a contractor through tendering	Development and first year maintenance cost : $197,000	$36,000	Yes
Environmental Protection Department	PSB Charging	The application includes 10 cartoon animated stories (with voice-over) and 5 interactive games. It serves to enhance the public's understanding on the Plastic Shopping Bag Charging and its exemption arrangements.	Developed by a contractor through tendering	Administered by a contractor through tendering	Around $200,000	First year maintenance cost: Around $15,000	Yes
Home Affairs Bureau	18 Handy Tips for Family Education	To promote family education, the Family Council introduces a series of family educational programmes, including parent-child education, with a view to promoting the core values of family and strengthening family values.	Developed by Contractor through tendering	In-house administration	iOS: $31,000 (Including $10,000 for updating in March 2016) Android: $18,000	$2,600	Yes

Government Department	App Name	Content and Purpose	Mode of Development	Mode of Administration	Development Cost	System Maintenance Cost	Meet the "Baseline Accessibility Criteria"? ◇
Home Affairs Bureau	Family Education Package for Families with Newborn Babies	With a view to helping parents with newborn babies understand and adapt themselves to the new roles, the Family Council launched "Family Education Package for Families with Newborn Babies". Content includes expert advice on "parenting", "marital relationship" and "inter-generational support".	Developed by Contractor through tendering	In-house administration	$40,000	First-year maintenance cost was included in the development cost	Yes
Hong Kong Applied Science and Technology Research Institute Company Limited	ASTRI	To facilitate users' access and provide corporate information including events, news, job opportunities, publications and technologies, etc.	In-house development	In-house administration	Already included in operating expenditure plus $975 for Google store and Apple store	Already included in operating expenditure plus $780 for Apple store	No
Hong Kong Productivity Council	SME Biz Easy	SME Biz Easy aims to provide latest information of government funding schemes, market intelligence and professional advice to SMEs in Hong Kong.	iOS: Developed by a contractor Android: In-house developed	In-house administration	$370,000	$27,000	No
Hong Kong Productivity Council	Lab Test One	Through the Lab Test One mobile apps, enterprises can tap the resources of 37 laboratories and testing facilities of Hong Kong Productivity Council, Hong Kong Science and Technology Parks Corporation, local universities, research centres and the Government covering areas including material analysis, electromagnetic compatibility, wireless/RF communications, electronics reliability, equipment calibration, environmental analysis, Chinese medicines and food safety, etc.	Developed by a contractor	In-house administration	$95,000	$3,000	No
Hong Kong Science and Technology Parks Corporation	Smart Living@Science Park	For visitors to understand details of each technologies in the Smart Living exhibition.	Developed by a contractor through tendering	In-house administration	$80,000	Nil	No
Hong Kong Science and Technology Parks Corporation (HKSTPC)	InnoHunt	Augmented Reality Hunting Games for Roadshows of HKSTPC and InnoCarnival.	Developed by a contractor through tender	In-house administration	$100,000	$5,000	No
Hospital Authority	HA Touch	To provide timely information on public hospital services, including (i) alerts of the latest news;	Developed by a contractor through tendering	In-house administration	$225,000	Maintained internally and no additional cost was involved	No

Government Department	App Name	Content and Purpose	Mode of Development	Mode of Administration	Development Cost	System Maintenance Cost	Meet the "Baseline Accessibility Criteria"? ◇
		(ii) contact numbers and addresses of public hospitals and institutions; (iii) fees and charges; and (iv) waiting time of elective surgery and new case booking of specialist outpatient clinics.					
Hospital Authority	Prince of Wales Hospital PWH AE Aid	To provide information on the service and triage system of Prince of Wales Hospital Accident & Emergency Department, current waiting numbers of patients, and contacts of nearby clinics which are open to facilitate patients' consideration of consultation channels.	In-house development	In-house administration	$100,000	Maintained internally and no additional cost was involved	No
Information Services Department	"Hong Kong Yearbook 2014" iPad/ Android Tablet app	To enable downloading and browsing for the content of "Hong Kong Yearbook 2014". The Yearbook provides an in-depth account of government policy and activities and an overview of Hong Kong's development during the year.	Developed by a contractor through tendering	In-house administration	$126,000	No additional cost was involved	No
Information Services Department	Discover the Basic Law	To commemorate the 25th Anniversary of the Promulgation of the Basic Law, ISD and the Hong Kong Design Institute (HKDI) teamed up to present a roving exhibition of creative student artworks representing various articles of the Basic Law. The public can appreciate the artwork, find exhibition venues and learn more about the Basic Law on this App.	Developed by HKDI's contractor	By HKDI's contractor	Included in project sum to HKDI and cannot be calculated separately	No additional cost was involved	No
Invest Hong Kong	Startmeuphk	StartmeupHK Festival 2016 (http://www.startmeup.hk/en/startmeuphk-festival-2016/).	Developed by a contractor	In-house administration	$150,000	Nil	No
Leisure and Cultural Services Department	Appreciation of Qing Scientific Instruments	To provide general information, audio guide of highlighted exhibits, interactive and educational games to the "Western Scientific Instruments of the Qing Court" exhibition.	Developed by contractors through tendering	In-house administration	$550,000 (Fully funded by The Hong Kong Jockey Club Charities Trust)	Nil	No
Leisure and Cultural Services Department	LCSD Green Hong Kong Campaign (Previous version: Hong Kong Flower	The app aims mainly to disseminate LCSD Green Hong Kong Campaign information and related events to users in a user friendly manner. (Previous version: To	Developed by a contractor through tendering	In-house administration	$214,000 (Fully funded by The Hong Kong Jockey Club Charities Trust)	$16,000 (System maintenance ended on 4 December 2015) (Fully funded by	No

Government Department	App Name	Content and Purpose	Mode of Development	Mode of Administration	Development Cost	System Maintenance Cost	Meet the "Baseline Accessibility Criteria"? ◇
	Show)	provide information, horticultural knowledge and educational activities for the Hong Kong Flower Show and Green Hong Kong Campaign.)				The Hong Kong Jockey Club Charities Trust)	
Office of the Government Chief Information Officer	HK GovWiFi	Provide guidelines for the public and visitors to use the free GovWiFi service. Allow users to search GovWiFi hotspots of the service. Update users on launch of service in new premises.	Developed by a contractor through tendering	In-house administration	$295,000	$47,850	Yes
Office of the Government Chief Information Officer	iStartup@HK	iStartup@HK is a one-stop portal with mobile apps. Apart from providing a comprehensive range of information on startup facilities, the portal also serves as a virtual networking and pitching platform where startups can showcase their company information and products videos, thus providing an additional channel for tech startups to reach out to potential investors and market.	Developed by a contractor through tendering	In-house administration	$182,000	$42,000 (Security risk analysis fee)	Yes
Radio Television Hong Kong	RTHK News	Dedicated to the provision of RTHK news content in both Chinese and English, including latest news and news programmes. Users can listen to live programme of RTHK Radio 1 or Radio 3. Users can also use the "Push Alert" function to read the most updated world and local news.	In-house development and developed by a contractor through tendering	In-house administration	$336,000	Maintained internally and no additional expenditure was involved	Yes
Security Bureau	Safeguard HK	Safeguard HK is a one-stop mobile platform providing useful information on safeguarding life and property in daily lives and while travelling.	Developed by a contractor through tendering	In-house administration	$610,000	Maintained internally and no additional expenditure was involved	Yes
Vocational Training Council	VTC@HK	VTC@HK provides a centralized platform for facilitating students, staff and general public to access IT resources and VTC formation. The current version of VTC@HK includes some useful functions like school news, events, latest timetable information, notification, telephone directory and Helpdesk Support etc.	Developed by contractors through tendering	In-house administration	$473,200	Nil (Under the first year free warrantee)	Yes
Vocational Training Council	VTC@HK IM	This mobile app supplements VTC's	Developed by contractors	In-house administration	$211,000	$30,000	Yes

Government Department	App Name	Content and Purpose	Mode of Development	Mode of Administration	Development Cost	System Maintenance Cost	Meet the "Baseline Accessibility Criteria"? ◇
		Moodle Learning Management Platform through strengthening communication among students as well as between students and teachers. It allows students and teachers under the same Moodle course to share thoughts and collaborate interactively through the use of instant messaging, without the need of disclosing sensitive personal information such as mobile phone numbers.	through tendering				
West Kowloon Cultural District Authority	M+ Sigg Collection	M+ Sigg Collection app — a digital guide to enhance visitors' exhibition experience. Visitors can use it to learn about the art in front of them, hear from the artists and M+ curators, and keep a record of their favourite artworks to view at home.	Developed by a contractor	Not applicable	$280,000	$4,000	No
West Kowloon Cultural District Authority	Someone Else (Hong Kong Version)	In Someone Else, the audience become the performers in a multi-part structured encounter that mixes sincerity, confession and humour, asking them to move out of the 'theatre' space and contemplate approaching a stranger somewhere in the city. Audience need to use the mobile app to participate into the performance.	Developed by a contractor	Not applicable	$100,000	$22,000 for half year	No
West Kowloon Cultural District Authority	Freespace Happening	The official mobile app for Freespace Happening, a series of free outdoor events at Hong Kong's West Kowloon on the second Sunday of each month. Visitors can download the free interactive guide and get up to date information in advance and during the event. Visitors can customize the programme to match their taste, explore the line up and artists details, map out where and where their favourite acts are performing, plan their own schedule and set up alerts to make sure they won't miss a thing. This app is made to enhance visitors' Freespace Happening experience.	Developed by a contractor	Not applicable	$150,000	$4,000	No
Yuen Long	Pilot Scheme	To introduce the three	Developed by	Administered	$59,000	Not	No

Government Department	App Name	Content and Purpose	Mode of Development	Mode of Administration	Development Cost	System Maintenance Cost	Meet the "Baseline Accessibility Criteria"? ◇
District Office	on Enhancement of District Administration Through District Management Committees in Yuen Long	projects implemented by YLDO under Pilot Scheme: (i) Curbing shop front extensions (viz. clearance of unauthorised platforms on pavement and illegal structures); (ii) Clearing illegally-parked bicycles; and (iii) Enhancing anti-mosquito efforts/grass-cutting. Users can also locate the proper parking in close proximity to them with the Global Positioning System.	contractors through tendering	by contractors through tendering		applicable (The contract covers one year free maintenance service)	

◇: The World Wide Web Consortium that implements web accessibility standards has yet to publish an official set of accessibility standards that are fully applicable to mobile apps. In this connection, the Office of the Government Chief Information Officer has publicised the "Mobile Application Accessibility Handbook" and formulated a set of "Baseline Accessibility Criteria" applicable to mobile apps for the reference of government departments and public organisations.

- End -

Reply Serial No.

ITB235

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2432)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the digital framework and standards for smart city development, what are the Government's policies and measures as well as the progress? What are the financial resources and manpower involved?

Asked by: Dr Hon Elizabeth QUAT (Member Question No. 11)

Reply:

The Office of the Government Chief Information Officer (OGCIO) will engage a consultant in 2016-17 to formulate a digital framework and technical standards suitable for Hong Kong as the foundation for smart city development. The expenditure on the consultancy study will be dependent upon the tender results.

The manpower required in OGCIO includes 1 Senior Systems Manager, 1 Systems Manager and 1 Analyst/Programmer I.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0468)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Policy Address 2016 stated that the Government will progressively expand the coverage of free Wi-Fi services by doubling the number of hotspots to 34 000 within three years and it has earmarked $500 million for the expansion plan according to the Budget Speech. In this connection, please advise the following information :

(a) schedule of installing about 17,000 new Wi-Fi hotspots; the location of the these Wi-Fi hotspots broken down by District Council districts and the use of area (such as public rental housing estates and public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points);

(b) whether the privacy, stability of connection & data transmission speed of these new Wi-Fi hotspots will be enhanced? Whether it had considered relaxing or abolishing the time limit for each Wi-Fi connection?

Asked by: Hon Abraham SHEK Lai-him (Member Question No. 37)

Reply:

The required information is provided as follows:

(a)   We have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling its number of hotspots from 17 000 to 34 000 within 3 years.   Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points.   We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

We are examining the details of the project and do not have a breakdown by individual districts at this stage.

(b)   Under the public-private collaboration arrangement, we will request service providers to adopt the latest Wi-Fi international standards to provide service with better stability and performance.   Service providers shall also comply with the laws of Hong Kong, including the Personal Data (Privacy) Ordinance, to protect the privacy of the public. We will also request service providers to adopt digital server certificates to enable the public to verify instantaneously that the service connected is Wi-Fi.HK, with a view to minimising the risk of connecting to fake Wi-Fi hotspots.

In general, public Wi-Fi services impose connection time limits to ensure fair use of the services among users, and avoid occupying the resources for a long time by individual users thereby affecting other users.   Moreover, different venues will provide different free connection durations to meet different needs.   For example, free Wi-Fi services of longer durations will be provided in libraries and youth service centres while 30-minute to 1-hour free Wi-Fi services will be provided at outdoor venues to meet the momentary needs of the public.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2270)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding Government Wi-Fi, what is the existing coverage rate of the facilities at government premises?   What mainly are the government premises without Wi-Fi coverage?   When will service coverage be expected to reach 100%?

Asked by: Hon SIN Chung-kai (Member Question No 35)

Reply:

The Government Wi-Fi (Gov*WiFi*) Programme was launched in 2008, providing free Wi-Fi services mainly at government venues with high patronage.   As at February 2016, over 3 100 Wi-Fi hotspots have been installed at about 600 government venues in the 18 districts across Hong Kong under the Gov*WiFi* Programme for free use by the public.   Venues with 100% coverage include all public libraries, public enquiry service centres of District Offices, law court buildings, job centres and community halls/centres.   Other venues with higher coverage include cooked food markets/centres, sports venues as well as cultural and recreational centres (about 60%).   We will take into consideration the patronage and demand when adding new Gov*WiFi* venues and will not install Wi-Fi hotspots at all government venues.   We will monitor the utilisation of Gov*WiFi* services and make adjustments when necessary to better meet public needs and ensure cost-effectiveness.

- End -

Examination of Estimates of Expenditure 2016-17   Reply Serial No.

CONTROLLING   OFFICER'S   REPLY

ITB238

(Question Serial No. 5037)

Head: (47) Government Secretariat : Office of the Government Chief
                    Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding matters on conducting security checking for government websites and web
applications, will the Government inform this Committee of the following:

a)   What is the expenditure on the related security checking?   Are there any results and
     conclusion achieved?   If yes, what are the details?   How does the Government
     handle and respond to the results of such checking, and strengthen its internal
     capabilities in protecting its information systems?   If not, what are the reasons?

b)   Will the Government continue to strengthen its internal capabilities in protecting its
     information systems in 2016-17?   If yes, what are the details?   What is the
     expenditure involved?   If not, what are the reasons?

Asked by: Hon SIN Chung-kai (Member Question No. 46)

Reply:

The required information is provided as follows:

a)   The security checking is conducted through redeployment of resources and no
     additional resources are involved.   The results revealed that government bureaux and
     departments (B/Ds) have implemented effective information security measures to
     guard against cyber attacks.   Besides, B/Ds will also conduct security risk
     assessments periodically and enhance the protection capabilities of their information
     systems in a timely manner.

b)   In 2016-17, the Office of the Government Chief Information Officer (OGCIO) will
     complete the review on the prevailing "Government IT Security Policy and
     Guidelines" to strengthen the compliance requirements and security practices, in order

to address different types of emerging threats.   The estimated expenditure for the review is about $3 million.   In addition, OGCIO plans to establish a cyber threat information sharing platform in 2017 to collect and analyse information on cyber security vulnerabilities and threats from various sources, and disseminate timely warnings and provide recommendations of responses to protect government information systems.   The estimated expenditure for the project is about $6 million. B/Ds will also enhance the protection capabilities of their own information systems according to their respective risk levels and cyber threats.   We do not have a breakdown for the estimated expenditure of B/Ds in this regard in 2016-17.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5038)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding the mobile applications (apps) of government departments, will the Government
inform this Committee of the following:

a)   The mobile apps developed as well as the government bureaux/departments involved;

b)   The download rates of the apps concerned;

c)   What apps are expected to be available for public download in 2016-17?   What are
      the development costs involved?

Asked by: Hon SIN Chung-kai (Member Question No. 47)

Reply:
The required information is provided as follows:

a)   The mobile apps developed by government bureaux and departments (B/Ds) and their
and   download rates are set out at Annex A.
b)

c)   Information on the mobile apps to be launched by B/Ds in 2016-17 is set out at
      Annex B.

Information on the mobile apps developed by government bureaux and departments

Government Department	App Name	Total Number of Downloads (As at 29 February 2016)
Agriculture, Fisheries and Conservation Department	Enjoy Hiking	Around 304 100
Agriculture, Fisheries and Conservation Department	Country Parks Tree Walks	Around 38 100
Agriculture, Fisheries and Conservation Department	Hong Kong Wetland Park	Around 14 800 (As at 28 February 2015; not including the download figures for iOS platform) Off-shelf date: March 2015
Agriculture, Fisheries and Conservation Department	Reef Check Hong Kong	Around 5 300
Agriculture, Fisheries & Conservation	Red Tide Information Network	Around 1 200⊕
Architectural Services Department	Architour	3 461
Buildings Department	Quick Guide for Minor Works	10 659
Buildings Department	Signboard Report Pilot System	591⊕
Civil Aviation Department	51st Asia/Pacific Directors General of Civil Aviation Conference Information Centre	220⊕※ Off-shelf date: 1 December 2014
Civil Engineering and Development Department	HK Geology	4 128
Civil Engineering and Development Department	HK Landslides	1 072 (Android version was off-shelved in March 2016)
Civil Engineering and Development Department	HK Slope Safety	467
Civil Engineering and Development Department	Greener Slopes Better Cityscape	41
Civil Service Bureau	Government Vacancies	77 329
Constitutional and Mainland Affairs Bureau	Mobile Application for Promotion of Children's Rights	140⊕ Off-shelf date: October 2015
Constitutional and Mainland Affairs Bureau	A Basic Law Quiz A Day	5 640
Constitutional and Mainland Affairs Bureau	Basic Law Genie	7 121 Off-shelf date: June 2015
Constitutional and Mainland Affairs Bureau	《基本法》保衞戰 (An app on Basic Law)	5 584 Off-shelf date: February 2014
Correctional Services Department	Hong Kong Correctional Services Department Mobile App	5 987
Create Hong Kong	Inspiration Sparks HK	772※ Off-shelf date: 29 March 2014
Customs and Excise Department	HK Car First Registration Tax	5 024
Department of Health (Student Health Service)	Student Body Weight for Height Check	15 585⊕
Department of Health (Primary Care Office)	Primary Care Directory	17 787
Department of Health (Primary Care Office)	Framework@PC (English version only)	1 323⊕
Department of Health (Infection Control Branch)	IMPACT (English version only)	9 478⊕

Government Department	App Name	Total Number of Downloads (As at 29 February 2016)
Department of Health (Special Preventive Programme)	1069試戴樂 (Chinese version only)	25 544⊕
Department of Health (Central Health Education Unit)	Snack Nutritional Classification Wizard	7 813
Department of Health (Central Health Education Unit)	CookSmart (Removed from App Store in December 2015 as replaced by "CookSmart: EatSmart Recipes")	1 912 Off-shelf date: December 2015
Department of Health (Central Health Education Unit)	CookSmart: EatSmart Recipes	22 408△
Department of Health (Central Health Education Unit)	EatSmart Restaurant	12 119
Department of Health (Tobacco Control Office)	Quit Smoking App	41 619
Department of Health (Chinese Medicine Division)	Hong Kong Chinese Materia Medica Standards (HKCMMS)	13 470⊕ (As at 31 January 2016)
Department of Health (Family Health Service)	Info for Nursing Mum	9△ (The app was just launched in mid-February 2016)
Development Bureau	Build Up Hero	1 438 Off-shelf date: 1 May 2014
Development Bureau	Tree & Landscape Map	5 181
Development Bureau (In collaboration with Construction Industry Council)	Working at Height Training	2 502⊕
Development Bureau (In collaboration with Construction Industry Council)	Construction Safety App	9 450⊕
Drainage Services Department	DSD Connect	2 235
Education Bureau (Speech and Hearing Services Section)	Hearing-Impaired Students' Lexicon Learning	1 814⊕
Education Bureau (Kindergarten Administration Section)	Profile of Kindergartens or Kindergarten-cum-child care centres 2015	Not available (The figure will be provided by the contractor through a report of the project at the end of the 2015/16 school year.)
Education Bureau (Applied Learning Section)	ApL App	9 168⊕
Education Bureau (Curriculum Resources Section)	ETV App	31 061
Education Bureau (Life-wide Learning and Library Section)	e-Navigator	125 503⊕
Education Bureau (Native-speaking English Teacher (NET) Section)	Reading Town 1	21 176⊕
Education Bureau (Native-speaking English Teacher (NET) Section)	Reading Town 2 & 3	Reading Town 2: 5 752⊕ Reading Town 3: 3 304⊕
Education Bureau (Personal, Social and Humanities Education Section)	E-book of Understanding the Law, Access to Justice – Basic Law Learning Package (Junior Secondary)	1 985⊕
Education Bureau (Further Education Division)	Mobile App for Concourse and E-APP	Around 5 000
Education Bureau (Quality Education Fund)	QEF ebook	381⊕
Education Bureau (Language Fund)	Workplace English Tic-Tac-Toe	5 951△⊕
Education Bureau (Information Technology in Education Section)	Beyond Campus	3 330⊕
Education Bureau (Information Technology in Education Section)	悅文 (Chinese version only)	4 050⊕
Education Bureau (Information	Grouping Wizard	8 250⊕

Government Department	App Name	Total Number of Downloads (As at 29 February 2016)
Technology in Education Section)		
Education Bureau (Information Technology in Education Section)	TSS Channel	571⊕
Education Bureau (Information Technology in Education Section)	Eye Care for Hong Kong Students	142⊕
Efficiency Unit	Youth.gov.hk	11 662⊕
Efficiency Unit	Where is Dr Sun	2 975⊕
Efficiency Unit	SIE Fund	4 288
Efficiency Unit	Tell me@1823 mobile app	88 919
Efficiency Unit	1823 Online mobile app	1 014△
Environment Bureau	MSW Charging - Online Views Collection Form Mobile Apps	42※ Off-shelf date: 25 January 2014
Environmental Protection Department	Waste Less	13 530
Environmental Protection Department	Don't fly-tip	165⊕ (As at 7 February 2016)
Environmental Protection Department	PSB Charging	783
Environmental Protection Department	Hong Kong Air Quality Health Index (QAHI)	31 608
Financial Secretary's Office (Economic Analysis and Business Facilitation Unit)	Business Consultation e-Platform mobile application	3 046⊕ (As at 27 February 2016)
Fire Services Department	Hong Kong Fire Services Mobile Application	16 921
Fire Services Department	Live safe, be watchful	17 791
Fire Services Department	Stay Calm & Collected	23 368
Food and Environmental Hygiene Department	Nutrition Calculator	76 649
Food and Environmental Hygiene Department	Food Safety	7 411
Food and Environmental Hygiene Department	Food Safety Charter	1 465 Off-shelf date: February 2016
Home Affairs Bureau	18 Handy Tips for Family Education	3 050⊕
Home Affairs Bureau	Family Education Package for Families with Newborn Babies	572⊕
Home Affairs Bureau	"M" Mark Events App	1 098
Home Affairs Department	Hong Kong Licensed Hotels and Guesthouses	2 882⊕
Hong Kong Observatory	MyObservatory	Around 5 546 000
Hong Kong Observatory	MyWorldWeather	Around 181 000
Hong Kong Observatory	iCWeatherOS	Around 5 000
Hong Kong Police Force	Hong Kong Police Mobile Application	Around 137 800
Hongkong Post	Hongkong Post (Adding a new function, "Correct Addressing", in September 2015)	Around 230 000
Immigration Department	Hong Kong ImmD Mobile Application	115 028
Independent Commission Against Corruption	ICAC Smartphone App	Around 6 900
Independent Commission Against Corruption	ICAC eBooks Tablet App	Around 400⊕
Information Services Department	Government Bookstore	Around 11 000
Information Services Department	"Hong Kong Yearbook 2012" iPad/ Android Tablet app	1 233 Off-shelf date: 15 September 2014
Information Services Department	"Hong Kong Yearbook 2013" iPad/ Android Tablet app	976 Off-shelf date: 18 November 2015
Information Services Department	"Hong Kong Yearbook 2014" iPad/	890

Government Department	App Name	Total Number of Downloads (As at 29 February 2016)
	Android Tablet app	
Information Services Department	Discover the Basic Law	1 176※ Off-shelf date: 31 December 2015
Information Services Department	news.gov.hk (2.x)	Around 33 000 (version 2.x only)
Information Services Department	This is Hong Kong	This is Hong Kong 2013: 4 118 Off-shelf date: 20 November 2014 This is Hong Kong 2014: 1 132 Off-shelf date: 24 August 2015
Innovation and Technology Commission	McMug on Green Technology	21 212※ (As the App was launched to promote InnoCarnival 2013, the highest download rate occurred in October, November and December 2013) Note: The contractor can only provide the total number of downloads up to 31 January 2016.
Intellectual Property Department	"No Fakes Pledge" Shop Search	16 434
Invest Hong Kong	Startmeuphk	922△⊕※
Labour Department	iES	629 996
Labour Department	Work Safety Alert	13 366
Labour Department	Youth Employment Start	10 565⊕
Lands Department	MyMapHK	122 766
Leisure and Cultural Services Department	Multimedia Information	18 192
Leisure and Cultural Services Department	HKMA Outdoor Sculpture Guide	5 248 Off-shelf date: 1 September 2014
Leisure and Cultural Services Department	Exploring Tsarskoye Selo	3 644※ Off-shelf date: 16 March 2015
Leisure and Cultural Services Department	Portable Dunhuang Story Player	6 733※ Off-shelf date: 17 March 2015
Leisure and Cultural Services Department	A Glimpse of Old Hong Kong	822 Off-shelf date: 4 February 2016
Leisure and Cultural Services Department	King Yin Lei	720 Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Matching@ King Yin Lei	300 Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Photo ME@King Yin Lei	706 Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Puzzle@ King Yin Lei	404 Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Restore King Yin Lei	250 Off-shelf date: 24 February 2016
Leisure and Cultural Services Department	Appreciation of Qing Scientific	3 915※

Government Department	App Name	Total Number of Downloads (As at 29 February 2016)
	Instruments	Off-shelf date: 29 February 2016
Leisure and Cultural Services Department	Bruce Lee: Kung Fu・Art・Life	39 423※
Leisure and Cultural Services Department	Dino Raiser	25 355※
Leisure and Cultural Services Department	Jurassic World	33 894※
Leisure and Cultural Services Department	Star Hoppers	81 645
Leisure and Cultural Services Department	Hong Kong International Poster Triennial 2014	1 618※
Leisure and Cultural Services Department	My Library	177 544
Leisure and Cultural Services Department	My Culture	39 620
Leisure and Cultural Services Department	Fitness Walking	48 288
Leisure and Cultural Services Department	LCSD Green Hong Kong Campaign (Previous version: Hong Kong Flower Show)	8 552
Leisure and Cultural Services Department	My URBTIX	216 729
Leisure and Cultural Services Department	Chinese Opera Festival 2013	1 241※ Off-shelf date: January 2014
Leisure and Cultural Services Department	Enchanting Arts of Asia	969※ Off-shelf date: August 2013
Leisure and Cultural Services Department	Lasting Legacies of Eastern Europe 2013	900※ Off-shelf date: March 2015
Leisure and Cultural Services Department	New Vision Arts Festival 2012	948※ Off-shelf date: March 2015
Office of the Communications Authority	OFCA Broadband Performance Test	Total number of tests: 55 583 965 Office of the Communications Authority does not have the figures on the number of users and number of downloads of the mobile app.
Office of the Government Chief Information Officer	e-Auth	1 324⊕
Office of the Government Chief Information Officer	EventHK	36 710
Office of the Government Chief Information Officer	GovHK Notifications	699 234
Office of the Government Chief Information Officer	GovHK Apps	162 035
Office of the Government Chief Information Officer	HK GovWiFi	11 500
Office of the Government Chief Information Officer	iStartup@HK	542⊕
Office of the Government Chief Information Officer	Wi-Fi.HK	172 000
Planning Department	City Gallery	4 584
Radio Television Hong Kong	RTHK On The Go	1 716 259
Radio Television Hong Kong	Cat's World	6 847 Off-shelf date: 30 June 2015
Radio Television Hong Kong	RTHK LENS	5 870
Radio Television Hong Kong	RTHK Thumb	18 573
Radio Television Hong Kong	RTHK Node	29 848
Radio Television Hong Kong	RTHK Prime	123 257
Radio Television Hong Kong	I want to be a LegCo Member	16 166

Government Department	App Name	Total Number of Downloads (As at 29 February 2016)
Radio Television Hong Kong	Chinese History – the Flourishing Age	66 297
Radio Television Hong Kong	RTHK Cube	41 208
Radio Television Hong Kong	RTHK Screen	251 020
Radio Television Hong Kong	RTHK Vox	5 610
Radio Television Hong Kong	RTHK Memory	14 283
Radio Television Hong Kong	RTHK Mine	152 134
Radio Television Hong Kong	RTHK News	25 500
Security Bureau	Safeguard HK	Not applicable△
Social Welfare Department	Let Them Shine Gourmet Mobile App	Not available
Social Welfare Department	3E Mobile App	Not available
Social Welfare Department	Senior Citizen Card Scheme	24 830⊕
Tai Po District Council	"Tai Po Fun" – An app on Tourist Information on Tai Po	2 143
Transport Department	Hong Kong eTransport	1 460 000
Transport Department	Hong Kong eRouting	129 000
Tuen Mun District Council (The Working Group on Economic Development in Tuen Mun under Commerce, Industry & Housing Committee)	Eco Shopping & Cultural Tour in Tuen Mun	2 635
Tuen Mun District Council (The Working Group on Building Management under the Commerce, Industry & Housing Committee) & Tuen Mun District Office	TuenMun BM	317
Vegetable Marketing Organization	Local Veggie Fresh	Around 19 900
Vegetable Marketing Organization	Hong Kong Leisure Farms	Around 5 700
Water Supplies Department	WSD Mobile App	12 101
Wong Tai Sin District Fight Crime Committee	Happy WTS	289 Off-shelf date: 31 January 2014
Yau Tsim Mong District Council (The Working Group on Women's Affairs) & Yau Tsim Mong District Office	YTM Breastfeed	1 366⊕
Yuen Long District Council	Heritage in Kam Tin	Not available
Yuen Long District Office	Pilot Scheme on Enhancement of District Administration Through District Management Committees in Yuen Long	1 056

⊕: Mobile app which targets specific user groups.

※: Mobile app on a one-off public event.

△: Mobile app which has been launched for less than 3 months.

Information on the mobile apps to be launched by government bureaux and departments in 2016-17

Government Department	App Name	Expected Development Cost
Buildings Department	MBIS/MWIS Mobile App	$299,000
Census and Statistics Department	Mobile e-Questionnaire Application	Included in the development cost of the e-Data Collection sub-systems for the 2016 Population by Census. No separate breakdown is available.
Civil Aviation Department	CAD Conference Information Centre	To be developed internally and no additional expenditure will be involved.
Civil Engineering and Development Department	Bowen Road Slope Study Trail	$150,000
Department of Health (Infection Control Branch)	HKeIC	$150,000
Department of Health (Special Preventive Programme)	1069試戴樂 (English version)	Subject to the result of the tender exercise.
Development Bureau's Energizing Kowloon East Office in collaboration with Lands Department	Smart Kowloon East (tentative)	To be developed internally and no additional expenditure will be involved.
Education Bureau	Profile of Kindergartens or Kindergarten-cum-child Care Centres (KG Profile) 2016	The development cost of this mobile app was subsumed in the cost of the whole project on the KG Profile. As it is not a stand-alone project, breakdown is not available.
Environmental Protection Department	Explore the Sludge Treatment Facility (STF)	$710,000
Fire Services Department	Catch time, save life (Game app)	$105,000
Fish Marketing Organization	Local Fresh	$120,000
Food and Environmental Hygiene Department	Internet Memorial Service Mobile App	iOS: $150,000 Android: $150,000
Hongkong Post	Mobile app for ShopThruPost	$400,000
Independent Commission Against Corruption	ICAC Smartphone App 2.0 (upgrade of the existing ICAC Smartphone App)	$568,420
Lands Department	VoiceMapHK	To be developed internally and no additional cost will be involved.
Leisure and Cultural Services Department	Museum Multi-media Information Guide system (MMGS)	Development cost is included in the project of the MMGS; as it is not an individual project, no separate breakdown is available.
Leisure and Cultural Services Department	"Bamboo in Our Life: Museum of Art at My Home" (tentative title)	$150,000
Tourism Commission	Provision of Mobile Applications of "A Symphony of Lights"	Subject to the result of the tender exercise
Transport Department	Special Traffic and Transport News (Name to be determined)	$500,000 (including maintenance for the first two years)
Working Family and Student Financial Assistance Agency	Application Tracking and Appointment Booking of Student Finance Office	Around $500,000

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5039)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Regarding matters on the Wi-Fi.HK, will the Government inform this Committee of the following:

a)   What are the implementation details in 2015-16?   What is the expenditure involved?

b)   Has the Government consulted users on the service after programme implementation? If yes, what are the details? If not, what are the reasons?

c)   What is the detailed work plan in relation to the above matter in 2016-17? What is the expenditure involved?

Asked by: Hon SIN Chung-kai (Member Question No. 48)

Reply:

The required information is provided as follows:

a)   In 2015-16, the number of "Wi-Fi.HK" hotspots increased by more than 3 000, with the number of hotspots increased from over 5 000 since its service launch in 2014 to over 17 000 today, covering locations including the Hong Kong International Airport, major tourist attractions (e.g. Ocean Park Hong Kong, Ngong Ping Cable Car and Village, Repulse Bay Beach, Golden Bauhinia Square, etc), shopping centres, shops, public phone booths, fast food restaurants, Chinese restaurants, cafés, convenience stores, university and tertiary institution campuses, public hospitals and clinics, Cyberport, Hong Kong Science Park, government venues covered by the "Government Wi-Fi Programme" and venues of some government-related organisations.

The expenditure for establishing and promoting the common Wi-Fi brand since its launch in 2014 is around $1.63 million, including inviting relevant organisations in the industry and public and private organisations to participate in and promote the common branding, arranging an online voting for the public to select their preferred brand identity, developing and maintaining a website and a mobile app, as well as conducting related promotional activities on the common branding.

b) At present, all participating organisations of Wi-Fi.HK have provided hotline or email support for enquiry and request from the public.   To further understand the views of the public on the "Wi-Fi.HK" services, we plan to conduct a survey to collect user views later this year.   Details of the survey are still under consideration.

c) To develop Hong Kong into a Wi-Fi connected city, we have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling its number of hotspots from 17 000 to 34 000 within 3 years.   Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points.   We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

- End -

CONTROLLING OFFICER'S REPLY	**ITB241**

(Question Serial No. 5040)

Head: (47) Government Secretariat : Office of the Government Chief
                                        Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the measures for revamping the GovHK government portal in 2016-17?   What is
the expenditure involved?

Asked by: Hon SIN Chung-kai (Member Question No. 49)

Reply:

To enhance users' experience and meet the ever-increasing public demand for mobile
services, the Office of the Government Chief Information Officer is now revamping the
GovHK portal.   Besides improving the layout design, GovHK will adopt the responsive
web technology to facilitate smooth public access to government information and use of
e-government services on various kinds of electronic devices (such as smart phones and
tablets).   The revamped portal is expected to be rolled out in the second half of 2016.   The
estimated expenditure in 2016-17 is about $2.45 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5041)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government states that it will organise the Internet Economy Summit in 2016-17. What are the details and expenditure involved?

Asked by: Hon SIN Chung-kai (Member Question No. 50)

Reply:

The Office of the Government Chief Information Officer will hold the inaugural Internet Economy Summit on 13 April 2016.   The Summit aims to explore the future development directions and strategies for Internet economy.   The Summit features various topics including impact of global innovation and technology trends on business strategy, opportunities arising from big data and Internet of Things (IoT), Internet+, Internet-driven economic growth as seen on the Mainland, etc.   The Summit will help the industry better understand development trends of the Internet economy through exchange among industry experts and business leaders from across the world.   The estimated total expenditure of the Summit is $2.4 million.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 5045)

Head: (47) Government Secretariat : Office of the Government Chief
                    Information Officer

Subhead (No. & title):

Programme:

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary mentioned in paragraph 148 of the 2015-16 Budget that '(I) asked all policy bureaux to achieve more efficient use of resources through re-engineering and re-prioritising.   I have also launched the "0-1-1" envelope savings programme to reduce operating expenditure by a total of two per cent over the next three financial years. Resources saved will be re-allocated for new services.'   Please inform this Committee of how the "0-1-1" programme is implemented in the office in 2015-16, 2016-17 and 2017-18, as well as the services affected and the details of the expenditure involved.

Asked by: Hon SIN Chung-kai (Member Question No. 55)

Reply:

To implement the "0-1-1" envelope savings programme in 2015-16, 2016-17 and 2017-18, the Office of the Government Chief Information Officer reduces its operating expenditure by reviewing and re-arranging its work in order to achieve more effective use of resources for improving existing services and implementing new services.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0817)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:
How many "Wi-Fi.HK" hotspots were set up in 2015-16?   How many "Wi-Fi.HK" hotspots will be set up in 2016-17?   What is the geographical distribution of these hotspots?   Will the Government set up "Wi-Fi.HK" hotspots in tourist areas like Mong Kok, Tsim Sha Tsui and Causeway Bay for the convenience of visitors?   If yes, what are the details?   If not, what are the reasons?   What is the expected completion date of the plan for setting up 30 000 "Wi-Fi.HK" hotspots?

Asked by: Hon TAM Yiu-chung (Member Question No. 15)

Reply:
In 2015-16, we have increased the number of "Wi-Fi.HK" hotspots by more than 3 000, up to the current 17 000.   We have earmarked $500 million to progressively expand the coverage of "Wi-Fi.HK" by doubling its number of hotspots to 34 000 within 3 years. Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points.   We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

At present, there are 281, 368 and 229 "Wi-Fi.HK" hotspots in Mong Kok, Tsim Sha Tsui and Causeway Bay respectively, covering a number of shops/shopping centres, ferry terminal, museums, Hong Kong Cultural Centre cum Tsim Sha Tsui Promenade, Kowloon Park, Victoria Park, Hong Kong Tourism Board Visitor Centre, restaurants, etc.   We will continue to increase the number of "Wi-Fi.HK" hotspots in the 18 districts across Hong Kong, including in tourist areas, through the public-private collaboration model.

- End -

Reply Serial No.

ITB245

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4646)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

In 2016-17, the Government will commence pre-construction consultancy work for the government data centre complex to support the long-term demand for data centre services in bureaux and departments.   In this connection, will the Government inform this Committee of the following:

(1)   Has the Government evaluated the existing demand and supply of data centre services in bureaux and departments?   If yes, what are the details? If not, when will the evaluation be done?

(2)   What are the details of the consultancy work, estimated expenditure on the consultancy services involved, as well as the specific schedule of constructing the government data centre complex?

Asked by: Hon James TIEN Pei-chun (Member Question No. 79)

Reply:

The required information is provided as follows:

(1) Through regular reviews with government bureaux and departments (B/Ds) on their demands for data centre services, the Office of the Government Chief Information Officer explores opportunities to consolidate the existing government data centres and accommodate new demand for data centre services of B/Ds.   In the annual data centre operation survey of 2015, we collected the forecast of B/Ds on data centre service demand for the next 5 years.   We anticipate that 5 B/Ds with existing government data centres and 4 B/Ds with demand for new data centre service will use the new government data centre complex.

(2) The pre-construction consultancy work has commenced in late 2015 and is expected to be completed in late 2017. The estimated cost required is about $52.6 million. The scope of the consultancy work mainly comprises:

(i)   design of the government data centre complex;
(ii) associated site investigation works and minor studies; and
(iii) preparation of tender documents and assessment of tenders for building the government data centre complex.

The consultancy work will draw up the concrete schedule and the detailed estimate of expenditure for building the government data centre complex. If funding for constructing the complex is approved in 2017 as scheduled, the new complex is expected to be completed in 2020.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 2377)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government provided over 17 000 Wi-Fi hotspots over the Hong Kong territory.
What are the numbers of hotspots in each of the 18 districts?   What is the expenditure
involved for each district?

Asked by: Hon Michael TIEN Puk-sun (Member Question No. 39)

Reply:

As at February 2016, the distribution of "Wi-Fi.HK" hotspots in 18 districts is as follows:

District	Number of Hotspots
Hong Kong	
Central and Western District	3 281
Eastern District	504
Southern District	394
Wan Chai District	537
Kowloon	
Kowloon City District	3 334
Yau Tsim Mong District	831
Sham Shui Po District	412
Wong Tai Sin District	186
Kwun Tong District	451
New Territories	
Tai Po District	216
Yuen Long District	340
Tuen Mun District	1 289
North District	206

District	Number of Hotspots
Sai Kung District	904
Sha Tin District	3 388
Kwai Tsing District	330
Tsuen Wan District	323
Islands District	490
Total:	**17 416**

The free Wi-Fi services are provided by the public and private organisations participating in the "Wi-Fi.HK" scheme. The operating expenditures involved are to be borne by the participating organisations without public funding support. The current Government Wi-Fi Programme contributes about 3 100 "Wi-Fi.HK" hotspots in the 18 districts. From December 2007 to February 2016, the total expenditure for Government to provide Wi-Fi services was about $236 million. We do not have the breakdown of expenditure by individual district.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0867)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Government has earmarked $500 million to increase the number of Wi-Fi.HK hotspots to over 30 000.   Is there a timetable for the plan to increase the number of Wi-Fi.HK hotspots to over 30 000?   If yes, what are the details?   How does the Government work out that the $500 million earmarked is sufficient for the expenditure involved?

Asked by: Hon WONG Ting-kwong (Member Question No. 19)

Reply:

We have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling its number of hotspots from 17 000 to 34 000 within 3 years.   Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong,   including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points.   We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

In the second quarter of 2016, we will consult the relevant Panel of the Legislative Council (LegCo) on the details of the proposal, including the timetable, manpower and expenditure required, and seek funding approval from the Finance Committee of LegCo afterwards.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 0878)

Head: (47) Government Secretariat : Office of the Government Chief
                         Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

What are the Government's policies, measures and progress on assisting small and medium enterprises to apply the concept and technologies of e-Commerce?   What are the financial resources and manpower involved?

Asked by: Hon WONG Ting-kwong (Member Question No. 30)

Reply:

The Government seeks to encourage small and medium enterprises (SMEs) to engage in e-commerce and seize opportunities to conduct business online.   The Expert Group on E-commerce (EGE) was established in May 2015 under the Working Group on Manufacturing Industries, Innovative Technology, and Cultural and Creative Industries of the Economic Development Commission to study the development potential of e-commerce in Hong Kong and recommend on strategies and measures for promoting e-commerce. Existing staff of the Innovation and Technology Bureau and the Office of the Government Chief Information Officer (OGCIO) are deployed to support the work of the Expert Group. No additional expenditure is involved.

To promote e-commerce, OGCIO and Alibaba jointly organised the "Hong Kong e-Commerce Business Competition" in April 2015 to showcase the outstanding achievements of local SMEs engaging in e-commerce and to promote the development of e-commerce in Hong Kong.   Both parties also jointly organised the "B2B Export e-Commerce Business Tips" seminar for sharing success stories of e-commerce operators and exploring opportunities of doing business online.   In April 2016, OGCIO will join hands with Alibaba again to organise the "2016 Hong Kong E-Commerce Ecosystem Summit and 2nd Hong Kong E-Commerce Award Competition".   The Government did not/ will not provide financial support to the aforesaid activities.   Related work was/ will be absorbed by existing staff.

On cross-boundary e-commerce, OGCIO and the Economic and Information Commission of Guangdong Province jointly organised in July 2015 the "2015 Hong Kong/Guangdong Exchange Forum on Smart City and Cross-boundary e-Commerce" to promote exchange between industries of both sides.   In January 2016, OGCIO together with a delegation of local e-commerce industry organisations visited the Guangzhou Municipal Commission of Commerce with an aim to enhance exchange and collaboration and promote the development of cross-boundary e-commerce between both places.   Total expenditure for the aforesaid two activities was about $50,000.   Related work was absorbed by existing staff.

- End -

Reply Serial No.

ITB249

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4573)

Head: (47) Government Secretariat : Office of the Government Chief Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please list out the mobile applications (apps) that the Government plans to develop this year.

What criteria will the Office of the Government Chief Information Officer adopt to determine if the mobile apps proposed by various departments can cater for public needs?

Asked by: Hon WONG Yuk-man (Member Question No. 84)

Reply:

Information on the mobile apps planned to be developed by government bureaux and departments (B/Ds) in 2016-17 is set out at Annex.

Depending on their respective operational needs and modes of service delivery, B/Ds could decide if they should develop a mobile app.   To assist and support them to develop apps that are practical and user-friendly, the Office of the Government Chief Information Officer has formulated a practice guide for B/Ds' study and reference.   The practice guide stipulates that B/Ds are required to set objectives, understand target users' needs and evaluate the cost-effectiveness when developing an app.   The app should properly leverage various mobile device features, such as camera, Global Positioning System and push notifications, and collect statistics on downloads and usage for regular reviews to ensure target users' needs could be met.

Information on the mobile apps planned to be developed by government B/Ds in 2016-17

Government Department	App Name
Buildings Department	MBIS/MWIS Mobile App
Census and Statistics Department	Mobile e-Questionnaire Application
Civil Aviation Department	CAD Conference Information Centre
Civil Engineering and Development Department	Bowen Road Slope Study Trail
Department of Health (Infection Control Branch)	HKeIC
Department of Health (Special Preventive Programme)	1069試戴樂 (English version)
Development Bureau's Energizing Kowloon East Office in collaboration with Lands Department	Smart Kowloon East (tentative)
Education Bureau	Profile of Kindergartens or Kindergarten-cum-child Care Centres 2016
Environmental Protection Department	Explore the Sludge Treatment Facility
Fire Services Department	Catch time, save life (Game app)
Fish Marketing Organization	Local Fresh
Food and Environmental Hygiene Department	Internet Memorial Service Mobile App
Hongkong Post	Mobile app for ShopThruPost
Independent Commission Against Corruption	ICAC Smartphone App 2.0 (upgrade of the existing ICAC Smartphone App)
Lands Department	VoiceMapHK
Leisure and Cultural Services Department	Museum Multi-media Information Guide system (MMGS)
Leisure and Cultural Services Department	"Bamboo in Our Life: Museum of Art at My Home" (tentative title)
Tourism Commission	Provision of Mobile Applications of "A Symphony of Lights"
Transport Department	Special Traffic and Transport News (Name to be determined)
Working Family and Student Financial Assistance Agency	Application Tracking and Appointment Booking of Student Finance Office

- End -

Reply Serial No.

ITB250

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 4574)

<u>Head</u>:   (47) Government Secretariat : Office of the Government Chief Information Officer

<u>Subhead (No. & title)</u>:

<u>Programme</u>:   (3) IT in the Community

<u>Controlling Officer</u>:   Government Chief Information Officer (Allen YEUNG)

<u>Director of Bureau</u>:   Secretary for Innovation and Technology

<u>Question</u>:

The venues with the highest usage under the Government Wi-Fi services are the Hong Kong - Macau Ferry Terminal and various libraries.   Has the Office of the Government Chief Information Officer (OGCIO) calculated the usage in law court buildings, community centres, sports venues, clinics and parks?

OGCIO will flexibly deploy the overall Wi-Fi bandwidth.   Is the overall bandwidth in the Hong Kong - Macau Ferry Terminal and various libraries higher?

Please list out the additional Wi-Fi hotspots to be provided this year.

<u>Asked by</u>: Hon WONG Yuk-man (Member Question No. 85)

<u>Reply</u>:

To ensure the quality and cost-effectiveness of the Government Wi-Fi (Gov*WiFi*) services, we monitor the number of users and bandwidth usage at various venues, and regularly review and adjust the bandwidth and number of hotspots of the venues.   The usage of Gov*WiFi* services at law court buildings, community centres, sports venues, clinics and parks in 2015 is as follows:

Type of Venues	Number of Venues (as at December 2015)	Average Number of Daily Users Per Venue (in ascending order of the number of users)
Community Centre	104	12
Clinic	64	13

Sports Venue	115	62
Law Court Building	12	65
Park	41	112

We will adjust the bandwidth of each venue based on its bandwidth usage and demand with a view to meeting specific needs.   We provide higher bandwidth for venues with higher usage, such as Hong Kong – Macau Ferry Terminal and most of the public libraries.   For venues with lower usage, we provide suitable bandwidth to meet the basic requirements of users and achieve cost-effectiveness.

We have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling its number of hotspots from 17 000 to 34 000 within 3 years.   Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points.   We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

- End -

Reply Serial No.

ITB251

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4575)

Head: (47) Government Secretariat : Office of the Government Chief
                     Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

Please specifically advise on the effectiveness of the new round of "ICT Outreach Programmes for Elderly" which was launched in the middle of last year.

Please list out the projects and participating organisations of this year's "ICT Outreach Programmes for Elderly".

Asked by: Hon WONG Yuk-man (Member Question No. 86)

Reply:

The second round of the ICT Outreach Programmes for Elderly was launched in July 2015 and is expected to be completed by mid-2016.   The programme details are as follows:

Project Title / Responsible Organisation	(1) 數碼樂聚‧影‧情真* / The Hong Kong Society for the Aged (2) 樂在耆「連」長者數碼網絡計劃* / Po Leung Kuk (3) 數碼共融外展計劃 2.0* / Evangelical Lutheran Church Social Service – Hong Kong
No. of Elderly Units Visited	57 elderly homes and day care centres (as at February 2016)
No. of Elders Reached	Over 1 800 elders (as at February 2016)

 * The non-governmental organisations (NGOs) do not have English names for their
    programmes.

In 2016-17, we will continue to collaborate with NGOs to encourage wider ICT adoption among the elderly.   We make a provision of $1.2 million to launch a new round of the ICT Outreach Programmes for Elderly.

- End -

CONTROLLING   OFFICER'S   REPLY

(Question Serial No. 3030)

Head: (47) Government Secretariat : Office of the Government Chief
                              Information Officer

Subhead (No. & title):

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer (Allen YEUNG)

Director of Bureau: Secretary for Innovation and Technology

Question:

The Financial Secretary mentioned in the Budget Speech that the Government had earmarked $500 million to further increase the number of Wi-Fi.HK hotspots to over 30 000, bringing greater convenience to citizens and tourists.   Has the Government drawn up the implementation schedule?   What are the new Wi-Fi locations as well as the expenditure and maintenance cost of each hotspot?

Asked by: Hon YIU Si-wing (Member Question No. 349)

Reply:

We have earmarked $500 million to progressively expand the coverage of Wi-Fi.HK by doubling its number of hotspots from 17 000 to 34 000 within 3 years.   Through public-private collaboration, we will provide free public Wi-Fi services by installing additional Wi-Fi hotspots at locations with high patronage in the 18 districts across Hong Kong, including public rental housing estates, public hospitals, markets, parks, sitting-out areas, promenades, tourist spots, public transport interchanges and land boundary control points.   We will also offer free Wi-Fi services at all youth service centres and study rooms run by the Government and non-profit-making organisations.

In the second quarter of 2016, we will consult the relevant Panel of the Legislative Council (LegCo) on the details of the proposal, including the timetable, manpower and expenditure required, and seek funding approval from the Finance Committee of LegCo afterwards.

- End -