

**Replies to initial written questions raised by Finance Committee Members
in examining the Estimates of Expenditure 2009-10**

**Director of Bureau : Secretary for Commerce and Economic Development
Session No. : 2**

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**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)001

Question Serial No.

0325

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Bureau states that it is planning to engage the public in formulating the policy and arrangements for future public service broadcasting. What are the specific work plan, time schedule and estimated expenditure in this respect in 2009-10? Will the Government allocate resources for conducting large-scale consultation on public service broadcasting in 2009-10? If not, what are the reasons?

Asked by: Hon. CHAN Tanya

Reply: The Government is carefully examining the independent Review Committee's report on public service broadcasting (PSB) and studying all the matters relevant to the subject in a holistic manner. Once the study is completed, the Communications and Technology Branch of the Commerce and Economic Development Bureau (CTB) will widely engage the community, including RTHK staff, in public consultation to map out the future PSB policy. CTB will meet the expenditure involved within its allocation.

Name in block letters D.W. Pescod

Permanent Secretary for Commerce
and Economic Development
Post Title (Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)002

Question Serial No.

0327

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Bureau states that they will engage the local creative industries for participation in the Urban Best Practices Area Exhibition of the World Exposition 2010 Shanghai China (Shanghai Expo). Yet no specific support measures in this regard have been mentioned. Will the Administration inform the Committee of the concrete support or financial assistance to be offered to those who are interested in taking part in the Shanghai Expo? How much resources will the Government allocate in this regard? Moreover, will the Government give special assistance to the small and medium enterprises of the creative industries to join the event?

Asked by: Hon. CHAN Tanya

Reply: In July 2008, the Administration sought the Legislative Council Finance Committee's approval to create a new non-recurrent commitment of \$201 million under Head 144 – Government Secretariat: Constitutional and Mainland Affairs Bureau to meet the funding requirements arising from the HKSAR's participation in the World Expo 2010 Shanghai China, among which provision for our participation in the Urban Best Practices Area (UBPA) Exhibition amounts to some \$85 million. The allocation is not reflected under Head 55 – Government Secretariat: Commerce and Economic Development Bureau (Communications and Technology Branch). Details of the funding proposal can be found in FCR(2008-09)38.

We have been engaging the local creative industries in our participation in the UBPA Exhibition to showcase their achievements. This includes the development and execution of our exhibition design, development of exhibition contents as well as ideas on organising activities in promotion of our creative industries during the six-month Expo period. The \$85 million provision will be used to support UBPA Exhibition and related activities.

The UBPA Exhibition is a themed exhibition and the exhibition proposals were vetted by an international selection committee formed by the Organiser of the Expo. Participation is on a city basis, and the HKSAR's proposal was admitted by the selection committee in March 2008. There is no exhibition separately for individual small and medium enterprises in the UBPA Exhibition.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)003

Question Serial No.

0328

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: Despite the serious lack of sound broadcasting channels in the airwaves, no study on the development of digital radio broadcasting has been mentioned in the key tasks of the Bureau in 2009-10. Will the Government allocate resources for studying the enhancement of the channel capacity in the airwaves in 2009-10? If so, what are the details? If not, why?

Asked by: Hon. CHAN Tanya

Reply: The Government reviews the digital broadcasting policy from time to time. In light of market and technological development, we have promulgated an implementation framework for the introduction of new digital broadcasting services to widen programming choice benefiting Hong Kong audience, including the digital terrestrial television (DTT) and broadcast-type mobile TV services.

As for digital audio broadcasting (DAB), following the extensive public consultation and successful technical trials conducted by Radio Television Hong Kong and other commercial sound broadcasting licensees, we have adopted a market-driven approach. The Office of the Telecommunications Authority has reserved the relevant frequency spectrum for possible deployment for DAB services.

We will continue to monitor market and technological development in this area and consider how to facilitate the introduction of DAB in Hong Kong. The Communications and Technology Branch of the Commerce and Economic Development Bureau will meet the expenditure involved within its allocation.

Name in block letters D.W. Pescod
Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)
Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)004

Question Serial No.

0838

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (2) Telecommunications

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: Under this programme, the Bureau will continue to monitor the implementation of the Unsolicited Electronic Messages Ordinance and the Unsolicited Electronic Messages Regulation as well as other non-legislative anti-spamming measures in 2009-10. Will the Administration inform the Committee of whether indicators had been devised to measure the effectiveness of this task? If so, what was the effectiveness of the task completed in 2008-09? If not, why?

Asked by: Hon. CHAN Wai-yip, Albert

Reply: The Unsolicited Electronic Messages Ordinance (UEMO), which fully commenced operation on 22 December 2007, regulates the sending of commercial electronic messages, including pre-recorded messages sent to telephones, messages through short messaging services, faxes and emails. Since the full commencement of the UEMO, our bureau and the Office of the Telecommunications Authority (“OFTA”) have been monitoring the following indicators with a view to evaluating the effectiveness of the UEMO enforcement work.

(a) *The overall percentage of reports dealt with over the total number of reports received on suspected contravention of the UEMO*

The percentage of reports dealt with over total received reports has increased from 12% in January 2008 to 70% in December 2008. By the end of February 2009, the percentage further increased to 73%.

(b) *The percentage of reports dealt with over received reports for different types of messages*

	The percentage of reports dealt with over received reports			
	Reports against pre-recorded telephone messages	Reports against fax messages	Reports against short messages	Reports against email messages
Jan 2008	7%	6%	18%	34%
Dec 2008	78%	71%	54%	58%
Feb 2009	80%	75%	65%	56%

As more complaints against unsolicited pre-recorded telephone messages and fax messages were received, OFTA has spent comparatively more efforts in dealing with these reports, resulting in a higher percentage of reports dealt with over received reports for these two types of messages.

As regards complaints against emails, the percentage of reports that have been dealt with is relatively lower as compared to other types of messages. This is because a significant proportion of reports against email messages were related to allegations of the use of address-harvesting software¹ and automated means² for generating lists of email addresses for sending messages. The investigation into these allegations in general is more complicated and time-consuming. OFTA will continue to process these reports in an expeditious manner.

(c) *The number of enforcement notice, warning letter and advisory letter issued*

OFTA also monitors the number of enforcement notice³, warning letter⁴ and advisory letter⁵ issued for evaluating the effectiveness of the enforcement work. Up to end-February 2009, OFTA has issued one enforcement notice, 69 warning letters and 804 advisory letters.

We will continue to monitor the situation and consider the need for other indicators in light of the latest development in the enforcement of the UEMO.

Name in block letters	<u>D.W. Pescod</u>
Post Title	<u>Permanent Secretary for Commerce and Economic Development (Communications and Technology)</u>
Date	<u>18.3.2009</u>

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1. "Address-harvesting software" means software that is specifically designed or marketed for use for searching the Internet for electronic addresses; and collecting, compiling, capturing or otherwise obtaining those electronic addresses.
 2. "Automated means" means an automated process that generates possible electronic addresses by combining letters, characters, numbers or symbols into numerous permutations.
 3. If a sender is found to have contravened the UEMO, the Telecommunications Authority may issue an Enforcement Notice directing such sender to take steps to remedy the contravention. Failure to comply with the enforcement notice is an offence.
 4. A warning letter will be issued if a sender is found to have contravened the UEMO after investigation by OFTA, but is willing to undertake rectification measures.
 5. If the number of received reports against a sender is below a certain threshold, OFTA will issue an advisory letter to the sender, requiring it to observe the requirements under the UEMO. The objective of the advisory letter is to provide an opportunity to the concerned sender to review the compliance situation and take rectification actions accordingly. If OFTA continues to receive reports against the same sender after the issue of advisory letter, OFTA will take appropriate actions where necessary.

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)005

Question Serial No.

2516

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme:

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: From 2007-08 to 2009-10,

- (a) how much resources had been used/will be earmarked for payment of expenditure in entertaining, exchanging and meeting with officials and departments from the Mainland respectively?
- (b) how much resources had been used/will be earmarked for payment of expenditure in entertaining, exchanging and meeting with officials and departments from overseas respectively?

Asked by: Hon. HO Sau-lan, Cyd

- Reply:
- (a) In 2007-08, around \$108,000 was used for payment of expenditure in entertaining, exchanging and meeting with officials and departments from the Mainland and related activities. In 2008-09, the estimated expenditure is around \$127,000. For 2009-10, an estimate of \$140,000 is provided for this purpose.
 - (b) In 2007-08, around \$88,000 was used for payment of expenditure in entertaining, exchanging and meeting with officials and departments from overseas and related activities. In 2008-09, the estimated expenditure is around \$140,000. For 2009-10, an estimate of \$140,000 is provided for this purpose.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)006

Question Serial No.

2518

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme:

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the studies commissioned to consultants by the Bureau for the purposes of formulating and assessing policies, if any, please provide the relevant information in the following format:

- (a) For the funded projects related to public policy research and strategic public policy research from 2006-07 to 2008-09, please provide information in the following format:

Name of consultant (if any)	Content and objective	Consultancy fee (\$)	Progress of studies (under planning / in progress / completed)	Follow-up actions on the studies taken by the Administration and their progress (if any)	If completed, have they been published to the public? If so, through which channels? If not, what are the reasons?

- (b) Is there any project for which provision has been allocated for conducting consultancy study in 2009-10? If so, please provide the following information:

Name of consultant (if any)	Content and objective	Consultancy fee (\$)	Progress of studies (under planning / in progress / completed)	Will the studies be published to the public if they are expected to be completed in this financial year? If so, through which channels? If not, what are the reasons?

Asked by: Hon. HO Sau-lan, Cyd

Reply: (a) For the funded projects related to public policy research and strategic public policy research from 2006-07 to 2008-09 are as follows-

Name of consultant (if any)	Content and objective	Consultancy fee (\$)	Progress of studies (under planning / in progress / completed)	Follow-up actions on the studies taken by the Administration and their progress (if any)	If completed, have they been published to the public? If so, through which channels? If not, what are the reasons?
2006-07					
Ovum in partnership with Aegis and Indepen	Radio Spectrum Policy Review, the objective of which was to examine current spectrum policy and management in Hong Kong	4.37 million	Completed	Public consultation on the consultant's recommendations completed	The Government conducted a press conference in April 2007, announcing the conclusion on the review of spectrum policy and promulgating the "Radio Spectrum Policy Framework". The relevant documents have also been uploaded onto the websites of the Commerce and Economic Development Bureau and the Office of the Telecommunications Authority for access by the general public.
2007-08					
Nil					
2008-09					
Nil					

(b) There is no provision allocated for conducting consultancy study in 2009-10.

Name in block letters D.W. Pescod

Permanent Secretary for Commerce
and Economic Development
Post Title (Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)007

Question Serial No.

0701

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: The estimate of the financial provision for 2008-09 has increased substantially from the original \$28.4 million to the revised \$36.2 million, representing an increase of 27.5%. What are the reasons?

Asked by: Hon. IP LAU Suk-yee, Regina

Reply: The revised estimate for 2008-09 represents an increase of \$7.8 million (i.e. 27.5%) over the original estimate for 2008-09. This is mainly due to increased provision for projects relating to promotion of film and creative industries, and increased provision for salaries arising from 2008 civil service pay adjustment and internal deployment of staff in 2008-09.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)008

Question Serial No.

1375

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (2) Telecommunications

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: How effective is the measure of imposing number fee on the unified carrier licensees to prolong the life-span of the eight-digit number plan? What is the expected life-span of the eight-digit number plan?

Asked by: Hon. IP LAU Suk-yee, Regina

Reply: Pursuant to the condition stipulated in Unified Carrier Licence (UCL) introduced in August 2008, the licensee is required to pay an annual number fee of \$3 per telephone number. The objective is to provide an economic incentive to encourage operators to return idle numbers to the Office of the Telecommunications Authority (OFTA) so as to better utilize the scarce number resources. Given the short time since the implementation of UCL, only three mobile operators have transferred to UCL voluntarily. None have applied to return numbers. It is therefore premature to evaluate the effectiveness of the number fee.

The scope of application of number fee will be expanded to paging and mobile virtual network operator services with effect from June 2009. The four major fixed network operators will be granted UCL upon expiry of their existing licences in July 2010. We believe that the overall effectiveness of the number fee will become clearer thereafter. OFTA will closely monitor the effectiveness of the number fee.

By introducing the number fee and implementing a number of administrative measures to enhance the effective use of numbers, it is estimated that the life span of the existing 8-digit number plan can be extended to 2026 or beyond, assuming that:

- (i) the demand for number remains unchanged; and
- (ii) 50% of the idle fixed and mobile numbers and 75% idle paging number will be returned by operators, representing a total of 15 million telephone numbers (including unallocated prefix 7 numbers) for reallocation.

Name in block letters D.W. Pescod

Permanent Secretary for Commerce
and Economic Development
Post Title (Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)009

Question Serial No.

0426

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: The revised estimate for 2008-09 is 27.5% higher than the original estimate for 2008-09.
What are the reasons?

Asked by: Hon. LAM Kin-fung, Jeffrey

Reply: The revised estimate for 2008-09 represents an increase of \$7.8 million (i.e. 27.5%) over the original estimate for 2008-09. This is mainly due to increased provision for projects relating to promotion of film and creative industries, and increased provision for salaries arising from 2008 civil service pay adjustment and internal deployment of staff in 2008-09.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)010

Question Serial No.

0427

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: Please state in detail the manpower and resources involved in setting up the dedicated office for the creative industries.

Asked by: Hon. LAM Kin-fung, Jeffrey

Reply: To promote and speed up the development of our creative industries, the Chief Executive announced in the 2008 Policy Address that the Commerce and Economic Development Bureau (CEDB) would set up a dedicated creative industry office through integrating and realigning resources from various departments, including the Office of the Government Chief Information Officer (OGCIO), the Television and Entertainment Licensing Authority (TELA), the Innovation and Technology Commission (ITC) and the Trade and Industry Department.

As regards the staffing arrangement of the dedicated office, we propose to create a D3 post to head the dedicated office, to be offset by the deletion of a D2 post in the OGCIO. The number of posts to be redeployed from OGCIO, TELA and ITC are listed below:

	OGCIO	TELA	ITC
Civil Service Establishment	4	30	5
Non-Civil Service Contract Staff	0	5	2
Total	4	35	7

We briefed the Panel on Information Technology and Broadcasting on the setting up of the dedicated office to be named Create Hong Kong (CreateHK) at its meeting on 9 February 2009. Members generally supported the proposal. Details of the staffing arrangement can be found in the LC paper No. CB(1)715/08-09(03).

Separately, following the announcement of the Financial Secretary in the 2009-10 Budget that \$300 million has been earmarked to support Hong Kong's creative industries for the development of creative economy in the coming three years, we propose to set up the \$300 million CreateSmart Initiative (CSI) and to centralize the management of various existing funding resources relating to creative industries under the Communications and Technology Branch of CEDB. We also propose to transfer the \$320 million Film Development Fund and the \$30 million Film Guarantee Fund currently administered by the TELA; the \$250 million DesignSmart Initiative administered by the ITC and the \$100 million non-recurrent

commitment for the Hong Kong Design Centre under ITC to CreateHK. We consulted the Panel on Information Technology and Broadcasting on 9 March 2009 and Members generally supported the proposal. Details of the funding arrangement to support creative industries can be found in the LC Paper No. CB(1)955/08-09(05).

Name in block letters	<u>D.W. Pescod</u>
Post Title	<u>Permanent Secretary for Commerce and Economic Development (Communications and Technology)</u>
Date	<u>18.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)011

Question Serial No.

0619

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: It is mentioned in paragraph 69 of the Budget Speech that \$300 million will be earmarked to support the development of creative industries other than film and design in the coming three years. Please give an account of the specific plans and the respective expenditure involved.

Asked by: Hon. LEE Wai-king, Starry

Reply: Following the announcement of the Financial Secretary in the 2009-10 Budget that \$300 million has been earmarked to support Hong Kong's creative industries for the development of creative economy in the coming three years, we propose to set up the \$300 million CreateSmart Initiative (CSI) to be managed under the Communications and Technology Branch of CEDB.

The CSI is intended to provide targeted support to projects in the creative industries sectors other than those for which dedicated Government funds are already available. The CSI will fund projects with objectives that are in line with our strategic direction to drive the development of the creative industries, namely -

- (a) nurturing a pool of creative human capital which will form the backbone of our creative economy;
- (b) facilitating start-ups and the development of creative establishments;
- (c) generating demand for innovation and creativity and expanding the local market size for creative industries;
- (d) promoting Hong Kong creative industries in the Mainland and overseas to help explore outside markets;
- (e) fostering a creative atmosphere within the community;
- (f) developing creative clusters in the territory to generate synergy and facilitate exchanges; and
- (g) promoting Hong Kong as Asia's creative capital.

The \$300 million provision will be used to support these activities in the coming three years. We consulted the Panel on Information Technology and Broadcasting on the proposed funding arrangement to support creative industries on 9 March 2009 and Members generally supported the proposal. Details of the funding proposal can be found in the LC Paper No. CB(1)955/08-09(05).

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)012

Question Serial No.

2564

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: With regard to the setting up of a dedicated office for promoting creative industries in 2009-10, will the Administration inform the Committee of the following:

- (a) Which industries are identified as “creative industries” by this office? Is the work relating to the promotion of information technology, software, online content, etc. under the purview of the creative industries office?
- (b) Specifically speaking, how will this office promote the creative industries in Hong Kong?
- (c) In view of the setting up of this office, will the Government transfer the work currently handled by other departments to this office?
- (d) What is the establishment of this office?

Asked by: Hon. LEONG Kah-kit, Alan

Reply: (a) The term “creative industries” is a relatively new concept which has different scope and definition among different countries in the world. The United Kingdom defines creative industries as “those industries which have their origin in individual creativity, skill and talent and which have a potential for wealth and job creation through the generation and exploitation of intellectual property”¹. Making reference to this definition, we feel that Hong Kong has an edge in a number of creative industry domains, including motion pictures, television, design, architecture, animation and comics, advertising and digital entertainment, etc. The dedicated office will work with these sectors and will also support other domains that contribute to the creative industries in Hong Kong. The promotion of information technology, software, online applications, etc. would continue to be dealt with by the Office of the Government Chief Information Officer (OGCIO) who will work with the new office as appropriate.

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¹ Department for Culture, Media and Sport (1998 and 2001), *The Creative Industries: Mapping Document*.

(b) – (d) We briefed the Legislative Council Panel on Information Technology and Broadcasting at its meeting on 9 February 2009 on our proposal to set up a dedicated office for creative industries by redeploying resources from the OGCIO, the Television and Entertainment Licensing Authority (TELA), the Innovation and Technology Commission (ITC), and the Trade and Industry Department (TID). The dedicated office is to be named Create Hong Kong (CreateHK). CreateHK will group the work currently under these different departments for better coordination within the Government to drive creative industries development such that we would be able to more effectively respond to industries' demands and better serve the trade through a one-stop service. It will also work closely with the creative industry sectors in identifying areas for strengthening collaboration. We have also worked out a preliminary development strategy for CreateHK covering the following areas:

- (a) nurturing a pool of creative human capital which will form the backbone of our creative economy;
- (b) facilitating start-ups and the development of creative establishments;
- (c) generating demand for innovation and creativity and expanding local market size for creative industries;
- (d) promoting creative industries on the Mainland and overseas to help explore outside markets;
- (e) fostering a creative atmosphere within the community;
- (f) developing creative clusters in the territory to generate synergy and facilitate exchanges; and
- (g) promoting Hong Kong as Asia's creative capital.

As regards the establishment of the dedicated office, we propose to create a D3 post to head the dedicated office, to be offset by the deletion of a D2 post in the OGCIO. The number of posts to be redeployed from OGCIO, TELA and ITC are listed below:

	OGCIO	TELA	ITC
Civil Service Establishment	4	30	5
Non-Civil Service Contract Staff	0	5	2
Total	4	35	7

Details of the proposal on the setting up of CreateHK, including the organisation chart of CreateHK, can be found in the LC paper No. CB(1)715/08-09(03).

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)013

Question Serial No.

0181

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: Among the \$38.8 million under this Programme in the financial year of 2009-10,

- (a) how much will be allocated for engaging the creative industry to participate in the Urban Best Practices Area Exhibition at the World Exposition 2010 Shanghai China?
- (b) how much will be allocated for promoting the participation of film, digital entertainment and other sectors in the creative industry respectively?

Asked by: Hon. LEUNG Kwan-yuen, Andrew

Reply: In July 2008, the Administration sought the Legislative Council Finance Committee's approval to create a new non-recurrent commitment of \$201 million under Head 144 – Government Secretariat: Constitutional and Mainland Affairs Bureau to meet the funding requirements arising from the HKSAR's participation in the World Expo 2010 Shanghai China, among which provision for our participation in the Urban Best Practices Area (UBPA) Exhibition amounts to some \$85 million. The allocation is not reflected under Head 55 – Government Secretariat: Commerce and Economic Development Bureau (Communications and Technology Branch). Details of the funding proposal can be found in FCR(2008-09)38.

We have been engaging the local creative industries in our participation in the UBPA Exhibition. This includes the development and execution of our exhibition design, development of exhibition contents as well as ideas on organising activities in promotion of our creative industries during the six-month Expo period. The \$85 million provision will be used to support UBPA Exhibition and related activities. We will continue to work with the local creative industries in preparing in the UBPA Exhibition.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)014

Question Serial No.

1197

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: It is mentioned in the Budget that a dedicated office for promoting creative industries will be set up in mid-2009. What are the measures in promoting the creative industries? How much resources are expected to be allocated?

Asked by: Hon. LEUNG Mei-fun, Priscilla

Reply: We briefed the Legislative Council Panel on Information Technology and Broadcasting at its meeting on 9 February 2009 on our proposal to set up a dedicated office for creative industries to be named Create Hong Kong (CreateHK). CreateHK will group the work currently under different departments for better coordination within the Government to drive creative industries development such that we would be able to more effectively respond to industries' demands and better serve the trade through a one-stop service. It will also work closely with the creative industry sectors in identifying areas for strengthening collaboration. We have also worked out a preliminary development strategy for CreateHK in conjunction with the industries concerned, covering the following areas:

- (a) nurturing a pool of creative human capital which will form the backbone of our creative economy;
- (b) facilitating start-ups and the development of creative establishments;
- (c) generating demand for innovation and creativity and expanding local market size for creative industries;
- (d) promoting creative industries on the Mainland and overseas to help explore outside markets;
- (e) fostering a creative atmosphere within the community;
- (f) developing creative clusters in the territory to generate synergy and facilitate exchanges;
and
- (g) promoting Hong Kong as Asia's creative capital.

Details of the proposal on the setting up of CreateHK can be found in the LC paper No. CB(1)715/08-09(03).

Separately, following the announcement of the Financial Secretary in the 2009-10 Budget that \$300 million has been earmarked to support Hong Kong's creative industries for the development of creative economy in the coming three years, we propose to set up the \$300 million CreateSmart Initiative (CSI) and to centralize the management of various existing

funding resources relating to creative industries under the Communications and Technology Branch of the Commerce and Economic Development Bureau. We also propose to transfer the \$320 million Film Development Fund and the \$30 million Film Guarantee Fund currently administered by the Television and Entertainment Licensing Authority; the \$250 million DesignSmart Initiative administered by the Innovation and Technology Commission (ITC) and the \$100 million non-recurrent commitment for the Hong Kong Design Centre under ITC to CreateHK. We consulted the Panel on Information Technology and Broadcasting on 9 March 2009 and Members generally supported the proposal. Details of the funding arrangement to support creative industries can be found in the LC Paper No. CB(1)955/08-09(05).

Name in block letters	<u>D.W. Pescod</u>
Post Title	<u>Permanent Secretary for Commerce and Economic Development (Communications and Technology)</u>
Date	<u>18.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)015

Question Serial No.

1060

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (2) Telecommunications

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2009-10, the Commerce and Economic Development Bureau will continue to monitor the implementation of the Unsolicited Electronic Messages Ordinance and the Unsolicited Electronic Messages Regulation as well as other non-legislative anti-spamming measures. In this regard, please provide the following information:

- (a) How many complaints have been received so far since the Unsolicited Electronic Messages Ordinance and the Unsolicited Electronic Messages Regulation came into effect? How are they being followed-up?
- (b) How many prosecutions have been instituted since the Ordinance/Regulation came into effect? How many convictions are resulted in these cases? What are the maximum penalty, the minimum penalty and the penalty generally imposed?
- (c) Have the Ordinance/Regulation and measures been reviewed? If so, what are the details? Is there any plan to amend the Ordinance/Regulation?
- (d) How will the implementation of the Ordinance/Regulation and measures be monitored? What are the expenditure and manpower involved?

Asked by: Hon. TAM Wai-ho, Samson

Reply: The Unsolicited Electronic Messages Ordinance (UEMO) came into full operation on 22 December 2007. Since the full commencement of the UEMO, our bureau and the Office of the Telecommunications Authority (OFTA) have been monitoring the implementation of the Ordinance and other non-legislative anti-spamming measures.

- (a) Since the full commencement of the UEMO to 28 February 2009, OFTA has received 9 925 reports of suspected contravention of the UEMO, among which 7 274 reports have been dealt with (i.e. 73% of the total received reports). Up to 28 February 2009, OFTA has issued one enforcement notice¹, 69 warning letters² and 804 advisory letters³.

1. If a sender is found to have contravened the UEMO, the Telecommunications Authority may issue an enforcement notice directing such sender to take steps to remedy the contravention. Failure to comply with the enforcement notice is an offence.

2. A warning letter will be issued if a sender is found to have contravened the UEMO after investigation by OFTA, but is willing to undertake rectification measures.

3. If the number of received reports against a sender is below a certain threshold, OFTA will issue an advisory letter to the sender, requiring it to observe the requirements under the UEMO. The objective of the advisory letter is to provide an opportunity to the concerned sender to review the compliance situation and take rectification actions accordingly. If OFTA continues to receive reports against the same sender after the issue of advisory letter, OFTA will take appropriate enforcement actions where necessary.

- (b) Under the UEMO, any person who contravenes an enforcement notice served on him commits an offence and is liable on first conviction to a fine up to HK\$100,000. Up to 28 February 2009, one enforcement notice has been issued. So far, there is no evidence of contravention of the enforcement notice by the concerned sender and therefore no prosecution action has been taken. OFTA will continue to monitor the compliance situation and will consider taking appropriate actions if the situation warrants.
- (c) With a view to enhancing efficiency, OFTA has been reviewing the report handling procedures regularly during the past year. Furthermore, the form for lodging report with OFTA has been revised to facilitate members of the public to report suspected contravention of the UEMO. In addition, the registration system of the do-not-call registers has been fine-tuned a number of times since its establishment. As regards the legislation, since the UEMO only came into full operation on 22 December 2007, we do not have plan to amend the Ordinance. OFTA will continue to conduct regular review, including procedures related to reporting, investigation and enforcement to ensure that the UEMO enforcement against unsolicited commercial electronic messages is carried out in an effective and efficient manner.
- (d) Our bureau will continue to deploy existing resources to monitor the implementation of the UEMO. Currently, OFTA has established a division of 14 staff responsible for the implementation and enforcement of the UEMO. The necessary expenditure incurred will be absorbed by the OFTA Trading Fund. With a view to evaluating the effectiveness of the UEMO enforcement, we have been monitoring the following indicators, namely:
- the overall percentage of reports dealt with over the total number of reports received on suspected contravention of the UEMO;
 - the percentage of reports against different types of messages (i.e. fax messages, pre-recorded telephone messages, short messages and email messages) that have been dealt with; and
 - the number of enforcement notice, warning letter and advisory letter issued.

We will continue to monitor the situation and consider the need for other indicators in light of the latest developments in the enforcement of the UEMO.

Name in block letters	<u>D.W. Pescod</u>
Post Title	<u>Permanent Secretary for Commerce and Economic Development (Communications and Technology)</u>
Date	<u>18.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)016

Question Serial No.

1061

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (2) Telecommunications

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2009-10, the Commerce and Economic Development Bureau will continue to monitor the transition to the new regulatory framework for the convergence of fixed and mobile communication services, in particular the withdrawal of the regulatory guidance on fixed-mobile interconnection charge. Please inform the Committee of the following:

- (a) How many complaints have been received so far since the transition to the new regulatory framework for the convergence of fixed and mobile communication services took place? How are they being followed-up?
- (b) What is the monitoring mechanism? What are the expenditure and manpower involved?
- (c) How effective is the regulation work since the regulatory guidance on fixed-mobile interconnection charge was withdrawn?

Asked by: Hon. TAM Wai-ho, Samson

Reply: (a) With a dynamic market and technological developments, the distinction between fixed and mobile networks and services is becoming increasingly blurred. After consultation with the public and the industry, the Telecommunications Authority (TA) issued a statement in April 2007 affirming that under the market-driven approach, the role of the Government is to ensure that the regulatory environment is conducive to the development of new technologies, products and services under the Fixed Mobile Convergence (FMC) environment. Operators should be able to respond promptly to consumer demand for innovative converged services without unnecessary regulatory constraints. To this end, the TA decided to withdraw the current regulatory guidance on fixed-mobile interconnection charges (FMIC) which assumes an approach of "Mobile Party's Network Pays". There has been a two-year transitional period, which will end in April 2009. To facilitate the FMC development in Hong Kong, the Administration also introduced in August 2008 the Unified Carrier Licence (UCL) as the single licensing vehicle for all carrier services, including fixed, mobile and fixed-mobile converged services, with harmonized licensing conditions and licence fees.

Since the TA's announcement of the withdrawal of the regulatory guidance on FMIC, one fixed network operator appealed to the Telecommunications (Competition Provisions) Appeal Board (the Appeal Board), established under the Telecommunications Ordinance (TO), against the TA's decision. The appeal was dismissed by the Appeal Board as it determined that the issue was outside its jurisdiction since none of the competition provision under the TO was engaged. The operator was not content and applied to state a case to the Court of Appeal. The hearing is scheduled

for mid-March 2009. On the other hand, we have not received any complaint against the new licensing regime since the introduction of UCL.

- (b) The Office of the Telecommunications Authority (OFTA), being the regulator of the telecommunications industry, will be responsible for the daily monitoring of the implementation of the new regulatory regime. The necessary expenditure incurred and manpower involved will be absorbed by the OFTA Trading Fund.
- (c) The regulatory guidance on FMIC will be formally withdrawn by the end of April 2009. OFTA has been encouraging fixed and mobile operators to negotiate the future FMIC arrangements and is closely monitoring the development. If it appears that the public interest may be affected, the TA will consider appropriate intervention by exercising the powers vested with him under the TO to ensure that networks interconnectivity and the telecommunications services involved will not be adversely affected due to withdrawal of the regulatory guidance.

Name in block letters	<u>D.W. Pescod</u>
Post Title	<u>Permanent Secretary for Commerce and Economic Development (Communications and Technology)</u>
Date	<u>18.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)017

Question Serial No.

1062

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: With regard to the promotion of the development of creative industries, what is the progress of the setting up of a dedicated office for promoting the creative industries, including the recruitment of its Head? Can the office start operation on 1.4.2009 as scheduled? If not, why? What is the earliest date expected for setting up the office?

Asked by: Hon. TAM Wai-ho, Samson

Reply: To promote and speed up the development of our creative industries, the Chief Executive announced in the 2008 Policy Address that the Commerce and Economic Development Bureau (CEDB) would set up a dedicated creative industry office through integrating and realigning resources from various departments, including the Office of the Government Chief Information Officer, the Television and Entertainment Licensing Authority, the Innovation and Technology Commission and the Trade and Industry Department. We briefed the Panel on Information Technology and Broadcasting on the setting up of the dedicated office to be named Create Hong Kong (CreateHK) at its meeting on 9 February 2009. Members generally supported the proposal. We will seek the Establishment Sub-committee's endorsement on the staffing proposals and then the approval from the Finance Committee in April and May 2009 respectively. Meanwhile, we are working on the preparation to set up CreateHK.

Upon approval by the Finance Committee, we will proceed to set up the office and recruit the Head of CreateHK. We aim to establish CreateHK by the middle of 2009.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)018

Question Serial No.

1063

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2009-10, the Commerce and Economic Development Bureau will continue to engage the creative industries in respect of Hong Kong's participation in the Urban Best Practices Area Exhibition of the World Exposition 2010 Shanghai China. Please inform the Committee of the following:

- (a) What is the response of the local creative industries in respect of the participation in the above Exhibition?
- (b) What is the progress of engaging the creative industries in participating in the Exhibition and how effective it is?
- (c) Are there any specific measures for further engaging the creative industries to participate in the Exhibition? What are the expenditure and manpower involved?

Asked by: Hon. TAM Wai-ho, Samson

Reply: In July 2008, the Administration sought the Legislative Council Finance Committee's approval to create a new non-recurrent commitment of \$201 million under Head 144 – Government Secretariat: Constitutional and Mainland Affairs Bureau to meet the funding requirements arising from the HKSAR's participation in the World Expo 2010 Shanghai China, among which provision for our participation in the Urban Best Practices Area (UBPA) Exhibition amounts to some \$85 million. The allocation is not reflected under Head 55 – Government Secretariat: Commerce and Economic Development Bureau (Communications and Technology Branch). Details of the funding proposal can be found in FCR(2008-09)38.

We have been engaging the local creative industries in our participation in the UBPA Exhibition. This includes the development and execution of our exhibition design, development of exhibition contents as well as ideas on organising activities in promotion of our creative industries during the six-month Expo period. The \$85 million provision will be used to support UBPA Exhibition and related activities. The local creative industries have responded positively and are working actively with us on the participation work. We will continue to work with the local creative industries in preparing in the UBPA Exhibition.

With the FC's funding approval, we have established a dedicated team to deal with matters arising from the HKSAR's participation in the UBPA Exhibition. The team consists of four Non-Civil Service Contract (NCSC) staff. The estimated staff cost for the 2009-2010 financial year is \$2.4 million and is reflected under Head 144 – Government Secretariat: Constitutional and Mainland Affairs Bureau as part of the \$85 million allocation.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)019

Question Serial No.

1064

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: With regard to the digital terrestrial television (DTT) broadcasting in Hong Kong, please inform the Committee of the following:

- (a) How many complaints have been received since the implementation of DTT broadcasting? What are the types of these complaints and how are they being followed-up?
- (b) What are the respective coverage and take-up rates of DTT service in different districts in Hong Kong?
- (c) Is the effectiveness of the overseeing work of the implementation of DTT broadcasting being reviewed? If so, what are the details? If not, why?
- (d) Are there any specific measures to further increase the take-up rates of DTT service? What are the expenditure and manpower involved?

Asked by: Hon. TAM Wai-ho, Samson

- Reply:
- (a) All enquiries and complaints related to DTT are handled through the designated hotline of the Office of the Telecommunications Authority (OFTA). As of 6 March 2009, 11 983 cases were received. Over half of them are related to network coverage. Others are on various issues including upgrade/interconnect work for the communal aerial broadcast distribution (CABD) systems, DTT receivers, etc. In general, the concern of the enquirers could be addressed by offering correct and up-to-date consumer and technical information.
 - (b) As from August 2008, DTT service has been extended to the 18 districts reaching 75% of the population. According to our survey findings, DTT take-up rate reached 39.5%, 28.4% and 31.9% in Hong Kong Island, Kowloon Peninsula and New Territories respectively.
 - (c) The Government and the two free-to-air broadcasters have since 2006 established the Steering Committee on Digital Terrestrial Television, chaired by the Permanent Secretary for the Commerce and Economic Development (Communications and Technology), to oversee and steer the overall progress and implementation of DTT. Under the Steering Committee, two working groups have been set up to closely monitor the progress of DTT implementation with respect to the transmission network and reception equipment. Under the close monitoring by the Steering Committee and Working Groups, we note that DTT implementation is making reasonable progress.

- (d) DTT penetration hinges on network construction, CABD system upgrading and the procurement of household DTT receivers. We have been working closely with the two free-to-air broadcasters in dissemination of the relevant consumer and technical information to stimulate the DTT take-up. There is a dedicated digital television website (www.digitaltv.gov.hk) to provide the latest DTT progress information to the general public as well as professionals including property managers, engineers and technicians. We will sustain the publicity effort to raise public awareness and interest on DTT. Besides, we believe that the new digital programme channels and add-on services provided by the broadcasters will appeal to the viewing public and help to encourage them to shift to DTT channels.

In 2008-09, the Communications and Technology Branch, Commerce and Economic Development Bureau (CTB) committed some \$1.5 million for DTT-related publicity works. For 2009-10, CTB has earmarked about \$1.8 million for the purpose. The manpower requirement is absorbed by CTB, which is supported by the OFTA and the Television and Entertainment Licensing Authority.

Name in block letters	<u>D.W. Pescod</u>
Post Title	<u>Permanent Secretary for Commerce and Economic Development (Communications and Technology)</u>
Date	<u>18.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)020

Question Serial No.

2313

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: How much resources will the Government provide for the creative industries in engaging them to participate in the World Exposition 2010 Shanghai China? How will the resources be used?

Asked by: Hon. TONG Ka-wah, Ronny

Reply: In July 2008, the Administration sought the Legislative Council Finance Committee's approval to create a new non-recurrent commitment of \$201 million under Head 144 – Government Secretariat: Constitutional and Mainland Affairs Bureau to meet the funding requirements arising from the HKSAR's participation in the World Expo 2010 Shanghai China, among which provision for our participation in the Urban Best Practices Area (UBPA) Exhibition amounts to some \$85 million. The allocation is not reflected under Head 55 – Government Secretariat: Commerce and Economic Development Bureau (Communications and Technology Branch). Details of the funding proposal can be found in FCR(2008-09)38.

We have been engaging the local creative industries in our participation in the UBPA Exhibition. This includes the development and execution of our exhibition design, development of exhibition contents as well as ideas on organising activities in promotion of our creative industries during the six-month Expo period. We will continue to work with the local creative industries in preparing in the UBPA Exhibition.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)021

Question Serial No.

1364

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: As regards the digital terrestrial television (DTT) service, please inform the Committee of the following:

- (a) What is the existing coverage of the DTT service?
- (b) Is there any discrepancy between the actual progress and target progress in the implementation of DTT service?
- (c) Has the impact of the financial tsunami on the capital input of the two television broadcasters for implementing DTT service been assessed? If so, what are the details? If not, what will the Administration do if the broadcasters fail to implement digital broadcasting?

Asked by: Hon. WONG Ting-kwong

- Reply:
- (a) As from August 2008, the DTT coverage has been extended to the 18 districts reaching 75% of the Hong Kong population.
 - (b) The implementation of DTT service is in good progress. In fact, the two free-to-air broadcasters has advanced the DTT coverage to 75% in early August 2008, which was original scheduled for end-2008. By doing so, more people could enjoy watching the Beijing Olympics through DTT with more programming choices and high audio-visual quality.
 - (c) The Government has been closely monitoring the implementation of the DTT service and so far it is in good progress. According to our survey, some 32% of Hong Kong households were already equipped to watch DTT. We note that the two free-to-air broadcasters have been investing in the rollout of their DTT services in accordance with the respective licensing requirement and their submitted investment plans. Moreover, the two broadcasters are subject to a mid-term review of the domestic free television programme service licence by December 2009, of which their financial capabilities, as well as their six-year plans (for 2010 – 2015) on capital and programming investments, will be reviewed by the Government and the Broadcasting Authority.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)022

Question Serial No.

1366

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: With regard to the creative industries, please inform the Committee of the following:

- (a) In 2008-09, what new tasks had been carried out in respect of the creative industries?
- (b) How effective were the tasks carried out by the Government in respect of the creative industries?

Asked by: Hon. WONG Ting-kwong

Reply: In the 2008-09 financial year, the Administration has obtained the Legislative Council Finance Committee's approval for an additional budget of about \$25 million to launch the second phase of the Cyberport Digital Entertainment Incubation-cum-Training Programme, and offer office space, training opportunities, international networking and promotional support to our digital entertainment start-ups. The Administration has also allocated \$10 million to a new initiative to promote a culture of innovation, technology and design to the general public, particularly the younger generation to support the development of creative industries.

The Commerce and Economic Development Bureau (CEDB) is working on an overall strategy for developing the creative industries in Hong Kong. In the 2008-09 financial year, CEDB intends to set up a dedicated office titled "CreateHK" to better support our creative industries. CreateHK will take up the role of the inter-departmental coordinator on the further development of creative industries in Hong Kong.

CEDB briefed the Panel on Information Technology and Broadcasting on the setting up of CreateHK at its meeting on 9 February 2009. Members generally supported the proposal. Details of the proposal can be found in the LC paper No. CB(1)715/08-09(03).

In addition, the Administration has continued to promote the accomplishments of our creative industries outside Hong Kong in the 2008-09 financial year, including –

- (a) leading the trade to participate in the 4th China (Shenzhen) International Cultural Industries Fair held in Shenzhen in May 2008 by setting up a "CreateHK" exhibition with a theatre showing a 3-D film on Hong Kong's creative accomplishments, and organising various "Hong Kong Day" events to promote our creative industries;
- (b) supporting an exhibition on the "9707 Project" by the Hong Kong Design Centre to promote HK's design in major North American and European cities, namely Toronto (held in February 2008), Milan (held in April 2008), London (held in June 2008) and New York (held in September 2008). The exhibitions were well received;

- (c) supporting the local comics and animation industry to stage a roving exhibition to arouse the general public's interest in local comics and animation. The roving exhibition started in May 2008 and was concluded in January 2009. Exhibitions were staged in prominent places in Tsim Sha Tsui, Central, Shatin and Tin Shui Wai, as well as during the AniCom-Games Hong Kong 2009 held in August 2008. The exhibition was moved to Guangzhou in September 2008. The roving exhibition attracted 630 000 visitors;
- (d) supporting the local design industry's participation in the International Creative Industry Exhibition Shanghai, China 2008 held in October 2008 to showcase the accomplishments of Hong Kong's design sector;
- (e) supporting the Hong Kong Institute of Architects' participation in the 11th Venice Architecture Biennale in September 2008. The Institute staged an exhibition that showcased the multi-facet nature and creativity of Hong Kong's architecture and culture. The Hong Kong exhibition attracted around 33 000 visitors, or a quarter of all visitors to the Biennale;
- (f) supporting local film director Johnnie TO's participation in the 2008 edition of the *Nuit Blanche*, a famous Parisian overnight cultural event. A distinctive bamboo Chinese opera stage was set up outside a famous theatre in Paris, where a Cantonese Opera troupe performed opera acrobatics and kung fu to celebrate the accomplishments of Hong Kong kung fu films. The project was a great success as the bamboo stage was well received and regarded as one of the shows the participants had to visit during the event; and
- (g) supporting, through the Film Development Fund, a project to introduce film and animation education to the Visual Arts curriculum of the New Senior Secondary structure with a view to nurture new talents for the animation and film sector.

Name in block letters D.W. Pescod

Post Title Permanent Secretary for Commerce
and Economic Development
(Communications and Technology)

Date 18.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)023

Question Serial No.

1367

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (2) Telecommunications

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2008-09, what policies and measures had been implemented in monitoring the unsolicited electronic messages and spams? Please provide information on the effectiveness of the policies and measures, including number of complaints received, number of complaints processed, number of prosecutions instituted and results of prosecutions.

Asked by: Hon. WONG Ting-kwong

Reply: The Unsolicited Electronic Messages Ordinance (“UEMO”) came into full operation on 22 December 2007 to regulate the sending of commercial electronic messages, including pre-recorded telephone messages, short messages, fax and emails. Since the full commencement of the UEMO, our bureau and the Office of the Telecommunications Authority (OFTA) have been monitoring the implementation of the Ordinance and other non-legislative anti-spamming measures.

Enforcement of the UEMO

Since the full commencement of the UEMO to 28 February 2009, the OFTA has received 9 925 reports of suspected contravention of the UEMO, among which 7 274 reports have been dealt with (i.e. 73% of the total received reports). Up to 28 February 2009, OFTA has issued one enforcement notice¹, 69 warning letters² and 804 advisory letters³.

Under the UEMO, any person who contravenes an enforcement notice served on him commits an offence and is liable on first conviction to a fine up to HK\$100,000. So far, there is no evidence of contravention of the enforcement notice issued and no prosecution action has been taken. OFTA will continue to monitor the compliance situation and will consider taking appropriate actions if the situation warrants.

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- ¹ If a sender is found to have contravened the UEMO, the Telecommunications Authority may issue an enforcement notice directing such sender to take steps to remedy the contravention. Failure to comply with the enforcement notice is an offence.
 - ² If a sender is found to have contravened the UEMO, the Telecommunications Authority may issue an enforcement notice directing such sender to take steps to remedy the contravention. Failure to comply with the enforcement notice is an offence.
 - ³ If the number of received reports against a sender is below a certain threshold, OFTA will issue an advisory letter to the sender, requiring it to observe the requirements under the UEMO. The objective of the advisory letter is to provide an opportunity to the concerned sender to review the compliance situation and take rectification actions accordingly. If OFTA continues to receive reports against the same sender after the issue of advisory letter, OFTA may consider commencing investigation.

In addition to the figures mentioned above, we have also been monitoring the percentage of reports against different types of messages that have been dealt with, to evaluate the effectiveness of the UEMO enforcement.

The percentage of reports dealt with over received reports				
	Reports against pre-recorded telephone messages	Reports against fax messages	Reports against short messages	Reports against email messages
Jan 2008	7%	6%	18%	34%
Dec 2008	78%	71%	54%	58%
Feb 2009	80%	75%	65%	56%

As more complaints against unsolicited pre-recorded telephone messages and fax messages were received, OFTA has spent comparatively more efforts in dealing with these reports, resulting in a higher percentage of reports dealt with over received reports for these two types of messages.

The percentage of reports against email messages that have been dealt with is relatively lower as compared to other types of messages. This is because a significant proportion of reports against email messages were related to allegations of the use of address-harvesting software⁴ and automated means⁵ for generating lists of email addresses for sending messages. The investigation into these allegations in general is more complicated and time-consuming. OFTA will continue to process these reports in an expeditious manner.

Non-legislative anti-spamming measures

Apart from the enforcement of the UEMO, we have been implementing various non-legislative measures to tackle the problem of spamming. For example, the OFTA has established spam reporting channels with other regions such as Australia, the Mainland, South Korea, Japan, USA and UK through which OFTA can refer spam emails originated from these regions to the relevant agencies for follow-up action. Hong Kong is also one of the signatories of the Seoul-Melbourne Multilateral Memorandum of Understanding on Co-operation in Countering Spam. Through these international anti-spamming cooperation platforms, enforcement agencies of different jurisdictions can share with each other intelligence about spam as well as information on solutions to the spam problem, in accordance with the relevant laws and regulations of each jurisdiction.

We will continue to monitor the implementation of the UEMO and other non-legislative anti-spamming measures to ensure that we can effectively tackle the problem of spamming in Hong Kong.

Name in block letters D.W. Pescod
 Post Title Permanent Secretary for Commerce and Economic Development (Communications and Technology)
 Date 11.3.2009

4. "Address-harvesting software" means software that is specifically designed or marketed for use for searching the Internet for electronic addresses; and collecting, compiling, capturing or otherwise obtaining those electronic addresses.

5. "Automated means" means an automated process that generates possible electronic addresses by combining letters, characters, numbers or symbols into numerous permutations.

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)024

Question Serial No.

1194

Head: 55 – Government Secretariat : Subhead
Commerce and Economic (No. & title):
Development Bureau
(Communications and
Technology Branch)

Programme: (1) Broadcasting, Film Services and Creative Industries

Controlling Officer: Permanent Secretary for Commerce and Economic Development
(Communications and Technology)

Director of Bureau: Secretary for Commerce and Economic Development

Question: In the 10th DigiCon6 Awards Competition held by TBS of Japan in November 2008, a short animation film titled *Hidden Elders* produced by Hong Kong independent animators John Chan and Pam Hung had won the Grand Prize, the top prize of the competition. An article titled “Desperate Hong Kong Artists”, which has been widely circulated recently on the internet, reports that Mr Yuki Takafumi, the Chief Editor of TBS, came to Hong Kong earlier on and discussed with the Administration about the feasibility of organising an award presentation ceremony in Hong Kong. However, his proposal was rejected by the representative of the Administration with the reply, “the Hong Kong Government is now focusing on helping out the poor and so there is no excess money for the award ceremony.”

It is the aim of the Administration to promote the development of broadcasting, film and creative industries. The outstanding achievement made overseas by the local animators indeed provides a golden opportunity to promote our creative industries. Why did the Administration refuse to give financial support to the award ceremony mentioned above? Please also state the criteria for subsidising similar activities.

Asked by: Hon. WONG Yuk-man

Reply: The short animation titled *Hidden Elders* is one of the animation productions RTHK commissioned in 2007 under the project *Kaleidoscope of Ideas.*, This was an RTHK initiated project to commission programme production to outside animators to encourage local animation production and groom local creative talents. The series was broadcast between April and June 2008. RTHK subsequently submitted the animation for participation in the 10th DigiCon6 Awards with the help of the Hong Kong Productivity Council (HKPC) which facilitates local digital entertainment industry to participate in international competitions. After being awarded the First Prize locally, the animation entered the global contest in Tokyo where it subsequently won the Grand Prize. HKPC renders continuous support to the digital entertainment industry by organizing a prize presentation to be held in March during the Entertainment Expo. In addition, RTHK also plans to include this animation in its annual TV Programme Award Winning Celebration in May, to commend the animation and its creator, along with other programmes honoured with local or international recognition during the year.

The Administration has not had any discussions with the organiser of the DigiCon6 Awards regarding an award presentation ceremony to be held in Hong Kong. There is no question of the Administration rejecting any proposal to organise an award presentation ceremony in Hong Kong.

The Administration attaches great importance to promoting Hong Kong's creative industries. Any proposals that aim to recognise outstanding local creative talent and helping to promote Hong Kong's creative industries can be considered. As a key part of Hong Kong's creative

industries, we have been providing staunch support to the development of our digital entertainment and comics and animation sectors. Relevant measures in the 2008-09 financial year include:

- (a) obtaining the Legislative Council Finance Committee's approval for an additional budget of about \$25 million to launch the second phase of the Cyberport Digital Entertainment Incubation-cum-Training Programme, and offer office space, training opportunities, international networking and promotional support to our digital entertainment start-ups;
- (b) supporting the local comics and animation industry to stage a roving exhibition to arouse the general public's interest in local comics and animation. The roving exhibition started in May 2008 and was concluded in January 2009. Exhibitions were staged in prominent places in Tsim Sha Tsui, Central, Shatin and Tin Shui Wai, as well as during the AniCom-Games Hong Kong 2009 held in August 2008. The exhibition was moved to Guangzhou in September 2008. Some 630 000 visitors passed through the roving exhibition; and
- (c) supporting, through the Film Development Fund, a project to incorporate animation in the visual arts education curriculum to develop secondary school students' appreciation of animation and filming skills as well as creativity.

To further promote and speed up the development of our creative industries, the Chief Executive announced in the 2008 Policy Address that the Commerce and Economic Development Bureau (CEDB) would set up a dedicated office as a one-stop shop to support our creative industries. The office, to be named CreateHK, will take up the role of the inter-departmental coordinator on the further development of creative industries in Hong Kong.

Separately, following the announcement of the Financial Secretary in the 2009-10 Budget that \$300 million has been earmarked to support Hong Kong's creative industries for the development of creative economy in the coming three years, we propose to set up the \$300 million CreateSmart Initiative (CSI) and to centralise the management of various existing funding resources relating to creative industries under the Communications and Technology Branch of CEDB.

CEDB briefed the Panel on Information Technology and Broadcasting on the setting up of CreateHK and the \$300 million CSI at its meetings on 9 February and 9 March 2009 respectively. Members generally supported the proposals. Details of the two proposals can be found in the LC paper No. CB(1)715/08-09(03) and LC paper No. CB(1)955/08-09(05).

Name in block letters	<u>D.W. Pescod</u>
Post Title	<u>Permanent Secretary for Commerce and Economic Development (Communications and Technology)</u>
Date	<u>18.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)025

Question Serial No.

0702

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (2) Fostering University-Industry Collaboration

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: What are the details of the University-Industry Collaboration Programme? Please provide information on the title of the funded projects, participating universities, funding amount, project commencement date and expected completion date.

Asked by: Hon. IP LAU Suk-ye, Regina

Reply: The University-Industry Collaboration Programme (UICP) under the Innovation and Technology Fund (ITF) was launched in 2000. The aim is to support commercial research and development (R&D) projects undertaken by private companies in collaboration with local universities. The objective is to stimulate private sector interest in R&D through leveraging the research capability of universities. There are 3 schemes under UICP -

- (a) Teaching Company Scheme - supports local companies to take on graduate students from local universities to assist in proprietary R&D projects.
- (b) Matching Grant for Joint Research - provides matching grant to support private enterprise undertaking commercial R&D projects in collaboration with local universities.
- (c) Industrial Research Chair Scheme - supports research efforts of universities and industry in technology fields which are not yet developed in Hong Kong. The chairholder will mainly conduct the R&D work of the project during the project period.

As at end-February 2009, a total of 276 UICP applications were received and 179 projects were approved, involving a total funding of \$195.7 m from ITF. A list of the approved projects is enclosed.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

University-Industry Collaboration Programme - Approved Projects (as at end February 2009)

大學與產業合作計劃 - 獲批准的研發項目 (截至 2009 年 2 月底)

Project No. 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
Industrial Research Chair Scheme 客席研究員產業研究計劃					
UII/001	DNA Fingerprinting Technology for Detection of Genetically Modified Organisms and Identification of Chinese Population DNA 指紋技術之新應用	01/04/2000 - 31/03/2001	2,192,000	The Chinese HongKong 香港中文大學	Completed 已完成
UII/002	Materials Characterization and Failure Analysis for Electrodeposition 電鍍之材料分析和失效分析	01/06/2000 - 30/11/2001	751,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UII/003	R&D of New Process Chemicals for the Electronic Industry 為電子工業研究和發展新化學產品	01/12/2001 - 30/11/2002	610,167	The Chinese University of HongKong 香港中文大學	Completed 已完成
Matching Grant for Joint Research 合作研究等額補助金計劃					
UIM/001	Research and Development of Local Area Network-based Intelligent Management System 網絡化智能管理系統研究與發展	01/03/2000 - 30/09/2002	4,058,000	City University of HongKong 香港城市大學	Completed 已完成
UIM/002	Value-added Biological Feed Additives 生物性飼料添加劑	01/03/2000 - 28/02/2002	926,600	The University of HongKong 香港大學	Completed 已完成
UIM/003	Collaborative Laboratory Research on KY88 Liver Livo KY88 健肝寶之實驗室測試	01/04/2000 - 31/03/2002	335,000	The University of HongKong 香港大學	Completed 已完成
UIM/006	Development of Good Agriculture Practice and Quality Index for Danshen (Radix Salviae Miliorrhizae) from Zhongjiang, Sichuan 四川中江丹參及半成品的 GAP 生產與質量指標研發	01/06/2000 - 31/07/2002	1,250,000	HongKong Baptist University 香港浸會大學	Completed 已完成
UIM/007	Development of an Advanced Ventilation Technology R&D Facility in HongKong and China 香港及中國先進通風科技設施的研究與發展	01/06/2000 - 30/09/2004	3,499,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/008	Innovative Development of Chinese Medicine-based Health Care Products for Women of All Ages 中藥為本之婦女保健藥物的創新發展	01/06/2000 - 31/07/2003	4,640,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/009	Development of Quality Index for Sanqi (Radix Notoginseng) from Wenshan, Yunnan 三七質量標準化技術開發	01/06/2000 - 30/11/2001	1,123,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/010	Light Weight Safety Helmets with Super Impact Protection 低重量高性能的安全頭盔	01/04/2000 - 31/12/2002	1,279,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/012	Development and Clinical Trials of Compound Yun Zhi (Jiang Su) and Danshen (He Nan) Products	01/12/2000 - 31/08/2004	1,990,500	The Chinese University of HongKong	Completed 已完成

Project No. 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
	複方雲芝(江蘇)及丹參(河南)產品的開發及臨床試驗			香港中文大學	
UIM/013	Integrated Co-combustion Cement Production Facility for Optimum Energy Usage and Waste Minimisation 超高溫廢物淨化爐，用作廢物焚化並減低生產水泥的能量	01/05/2000 - 31/10/2004	9,415,900	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/014	Improving the Wet Strength of Natural Fibrous Materials for Biodegradable Packaging Products 改進天然材料之生產生物降解環保包裝品	01/01/2001 - 31/08/2001	375,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/015	A New Deposition Technology for Fabricating Catalyzed-Electrodes in Fuel Cells 新型沉積技術在燃料電池催化電極製備上的應用	01/05/2000 - 31/03/2003	1,626,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/016	Novel Technologies for High-performance Vibration Damping and Compact Motion-Stages for Electronics Manufacturing Equipment 開發半導體設備之高性能減振及運動控制新科技	01/07/2000 - 31/07/2002	520,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/017	Development of Compound Formulation Products of GMP Standard Consisting Danshen from Zhongjiang, Sichuan and Sanqi from Wenshan, Yunnan 發展具優良生產管理規範的複方丹參(四川中江)及三七(雲南文山)產品	01/09/2000 - 30/11/2001	1,490,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/018	Professional Injection Mould Design System 專業注射模具設計系統	01/05/2000 - 30/06/2002	2,160,000	The University of HongKong 香港大學	Completed 已完成
UIM/019	Web Based Portable Monitoring and Surveillance System 輕便遙控保安系統	01/06/2000 - 30/09/2001	999,960	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/020	Web-based Home Network Gateway 輕便式互聯網遙控家居網關	01/06/2000 - 30/06/2001	1,326,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/021	Streaming Proxy Server for Internet Multimedia Applications 互聯網多媒體資訊流代理伺服器	01/05/2000 - 30/04/2001	497,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/026	Knowledge Extraction in Databases of Power System Control Centre Using Data-mining Techniques to Improve Operational Performance 電力系統監控中心數據庫中隱含知識發掘計劃	01/08/2000 - 15/11/2002	442,920	City University of HongKong 香港城市大學	Completed 已完成
UIM/028	Advanced Badminton Technology Project 先進羽毛球製造技術開發項目	01/09/2000 - 30/09/2002	925,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/029	Studies of Bonding Devices for Microelectronic Packaging 用於微電子封裝之焊接器件	01/10/2000 - 30/09/2002	1,560,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成

Project No. 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIM/031	Fleet Management System 車隊管理系統	01/09/2000 - 28/02/2002	732,500	HongKong Baptist University 香港浸會大學	Completed 已完成
UIM/033	Development of a Mechatronic Chess-playing System 國際象棋自動對弈機電機器人的研究	15/10/2000 - 14/12/2001	680,155	City University of HongKong 香港城市大學	Completed 已完成
UIM/034	Development of TCM-based Products with Known Active Ingredients and Verified Oral Absorbability 開發含有確定活性成份及口服有效的中藥產品	01/01/2002 - 30/09/2004	2,750,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/036	Establishing the SimBioDAS "Artificial Gut" Technology for the Development of Traditional Chinese Medicine-based Products 建立用於中藥產品開發的 SimBioDAS 「人造 腸」技術	01/07/2001 - 30/06/2004	3,388,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/039	Prediction and Abatement of Train Noise in a Dense High-rise City 高密度及高建築物城市的火車噪音之預測和消 滅	01/02/2001 - 31/07/2004	696,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/040	Isolation and Identification of Neurologically Active Constituents from Traditional Chinese Medicine (TCM) 分離及鑒定中草藥內具神經活性的成分	01/12/2000 - 31/05/2003	818,300	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/042	Therapeutic Effects of Pien Tze Huang without Natural Musk on Hepatitis 不含野生麝香的片仔癭治療肝炎藥效研究	01/11/2000 - 31/10/2002	480,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/044	Development of a Novel, Reliable and Cost- effective Molecular Detection Kit for Avian Influenza Virus 開發一種新型、可靠、方便偵測禽流感病毒的 分子工具箱	01/12/2000 - 08/11/2002	866,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/047	Program for Embedded Passives on Flexible Tape Substrates 軟性基底嵌入式無源電路研究計劃	01/04/2001 - 31/03/2006	14,751,600	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/048	A Building Integrated Photovoltaics School Design and HK Schools Solar Power Education Programme 香港學校整合光電系統設計及教育計劃	01/02/2001 - 31/07/2005	2,905,000	The University of HongKong 香港大學	Completed 已完成
UIM/054	Screening of Human Heparanase Inhibitors as Anti-Cancer Drugs from Traditional Chinese Medicine 從中藥篩選肝素的抑制劑作為抗癌藥的開發	01/04/2001 - 31/03/2004	1,380,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/055	Monitoring, Co-ordination Control & Programming System for Home/SOHO Networking & Automation 家用/小型辦公網絡的監測、自動化、協作控 制與規劃系統	01/10/2001 - 30/06/2003	2,232,906	City University of HongKong 香港城市大學	Completed 已完成
UIM/058	Development of Vision-based Motion Control Systems with PMAC Motors for DSK's Wire Wedge Bonding Machines DSK 楔形電焊機圖像運動控制及驅動系統的 開發	01/08/2001 - 01/01/2003	1,167,600	City University of HongKong 香港城市大學	Completed 已完成

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UIM/059	Development of Technologies for High Efficiency Power Inverter for Solar Energy Conversion 高效率太陽能逆變器技術	01/06/2001 - 31/01/2002	254,029	The University of HongKong 香港大學	Completed 已完成
UIM/061	Technology Development for Assessing Chinese Medicinal Materials for Treating Alzheimer's Disease 發展分析中藥材抗早衰症的技術	01/09/2001 - 31/05/2002	646,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/062	A High Performance Web-based 3D Collaborative Engine 高效能網上立體合作引擎	01/08/2001 - 30/11/2003	1,900,000	City University of HongKong 香港城市大學	Completed 已完成
UIM/066	The Development of Human Recombinant Arginase as a Novel Agent in the Treatment of Human Cancer 新型抗腫瘤藥物-重組精氨酸酶的開發	01/09/2001 - 31/10/2003	1,750,540	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/067	Efficient, Economical and Environmentally-friendly Production of Key Intermediates of Major Antibiotics 高效無毒制備抗生素關鍵中間體	15/08/2001 - 14/08/2003	2,463,480	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/068	Interface Software for Cluster Computing: Providing Cost Effective Computational Turn-key Solutions to Local Industries 叢集計算介面：高效益商用平行計算	01/09/2001 - 28/02/2005	4,371,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/069	Development of Manufacturing Processes for Industrial Enzymes 工業用酵素之開發、研究與生產	01/11/2001 - 31/01/2004	2,180,000	The University of HongKong 香港大學	Completed 已完成
UIM/071	Design and Implementation of a Fully-Integrated 1-V 2.5-GHz CMOS Phase-Locked Loop 全集成 1V 2.5GHz CMOS 鎖相迴路設計和實行	01/10/2001 - 31/12/2003	417,300	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/072	Development of a Temperature-compensated Voltage-controlled Crystal Oscillator 溫度補償電壓控制晶體振蕩器的研發	01/10/2001 - 31/05/2003	348,750	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/073	Development of a Ganoderma (Lingzhi) and Coriolus (Yunzhi) Formula as an Anti-cancer Agent 開發一種含靈芝及/或雲芝的抗癌製劑	01/04/2002 - 30/09/2005	1,500,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/074	Biotechnological Improvement of a Microbial Cultivar & Evidence-based Diversification of Microbial Products 生物科技之品種改良與產品多樣化	01/02/2002 - 30/09/2004	1,600,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/077	A Visual Authoring Toolset with Automatic Code Generation Capability for Manufacturing Automation 工業自動化軟件編輯工具庫	01/02/2002 - 31/01/2004	1,774,120	The University of HongKong 香港大學	Completed 已完成
UIM/078	Technology and Materials Innovations in Using Electrically Luminous Plastics in the Display Industry 電致發光塑料之技術和材料創新	01/01/2002 - 31/12/2004	1,966,120	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/082	Defining the Bioactive Components of Shenmai Injection and Their Mechanisms of Action 參麥注射液活性成分及其作用機制	01/05/2002 - 31/07/2005	2,537,494	The University of HongKong 香港大學	Completed 已完成

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UIM/085	Development of Radon-proof Composite Emulsion Paint 研制一種複合乳液型防氡塗料	01/08/2002 - 31/08/2004	715,500	City University of HongKong 香港城市大學	Completed 已完成
UIM/086	Mass Customization Technology for Men's Shirt Business 男裝襯衫的大規模度身訂製技術	01/07/2002 - 30/06/2004	700,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/090	Intelligent e-Diagnosis of Plastic Injection Molding Machines 注射成形機的電子智慧診斷	01/06/2002 - 31/05/2004	350,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/091	An Intelligent Management Decision Support System for Aircraft Maintenance Services Industry 飛機維修服務綜合人工智能管理決策系統	01/08/2002 - 31/07/2004	748,800	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/092	PointGuide: A Local Positioning System for Developing Context-Aware Applications 擁有處境辨識能力的區域定位系統	01/08/2002 - 31/08/2003	992,900	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/093	A Knowledge Management System Based on Chinese Text Clustering and Classification Algorithm 中文聚類/分類算法的知識管理系統	01/08/2002 - 31/08/2003	673,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/094	Developing the Technology on Diagnosis of Sheet Metal Stamping Processes Based on Thermal Imaging and Finite Element Analysis 開發基於熱成像技術及有限元建模的金屬衝壓過程診斷技術	01/07/2002 - 31/12/2004	1,493,740	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/095	Development of Cement-based Functional Piezoelectric Materials for Intelligent Civil Structures 土木智能結構中的水泥基壓電功能材料的開發	01/10/2002 - 31/03/2006	1,230,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/096	Optimization of Enzymes: Development of Novel Methodology for New Applications 酶優化技術之新發展和新應用	01/08/2002 - 29/02/2004	2,343,350	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/097	Computer-Aided Tools for Facilitating Supply Chain Collaboration Among Customer-Designer-Supplier-Factory in Producing Ladies' Leather Shoes 為女裝皮鞋定製之電腦輔助設計工具用以改進顧客, 設計師, 供應商及工廠在供應鏈合作上之交流	01/12/2002 - 30/11/2004	750,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/101	Development of a DNA Recombinant Version of Hepatocyte DNA Synthesis Stimulating Factor (SDA Category - 1 New Drug Wei Jia™) 重組肝細胞 DNA 合成因子 (國家一類新藥"威佳") 的創新研發	01/02/2003 - 30/11/2004	1,750,000	City University of HongKong 香港城市大學	Completed 已完成
UIM/103	Next Generation Online Multimedia Collaboration System 下一代在線多媒體協作系統	01/12/2004 - 28/02/2007	14,592,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成

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UIM/106	Development Of Children's Playground Safety Mat Testing Devices 兒童遊樂場安全地墊之測試工具開發	01/04/2003 - 20/11/2004	399,857	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/108	Development of Globally Marketable Modernized Proprietary Natural Products for Treating Insomnia 開發具有專利權和國際市場潛力的新一代治療失眠之天然藥物	01/06/2003 - 31/05/2006	4,092,400	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/109	Application of a Novel Hierarchical Crosslinking Chemistry for the Improvement of Multi-functionalities of 100% Cotton/Cellulose Fibers, Fabric and Apparel 研發新化學交聯技術以提高全棉及纖維素纖維布料及成衣的多重性能	01/06/2003 - 01/08/2005	1,500,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/110	Development of Recombinant Human Augmenter of Liver Regeneration (ALR) for Treatment of Liver Diseases 開發重組人類肝再生增強因子(ALR)用於肝病的治療	06/10/2003 - 05/12/2005	1,564,047	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/111	Development of an Advanced Wafer-level 2D and 3D Inspection Platform 先進二維和三維晶圓層面檢視平台之研發	16/06/2003 - 15/12/2005	1,847,740	The University of HongKong 香港大學	Completed 已完成
UIM/113	Pharmacogenomic/ Pharmacogenetic-guided and Related Development of Therapeutics for Cancers and Lupus Erythematosus 藥物遺傳學指導新藥發展: 用於抗腫瘤及紅斑狼瘡症	01/12/2003 - 30/11/2006	3,240,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/114	Design and Evaluation of Integrative Foot Massage Patterns 結合足部按摩模組的設計及其評價	16/10/2003 - 15/10/2005	449,960	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/115	Design and Development of a Mobile Building Automation (MBA) System for Cost Effective Facilities Management 無線智能資源管理系統	01/08/2003 - 30/09/2004	1,681,963	The University of HongKong 香港大學	Completed 已完成
UIM/116	Development of Integrated Advanced Computer Control System for Injection Molding Machines 發展高效能一體化的注塑機控制器	01/10/2003 - 30/09/2006	2,739,250	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/117	Smart Vibration Isolation Technology for Automation and Precision Equipment 用於自動化及精密設備之智能隔振技術	01/12/2003 - 28/02/2006	1,290,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/118	High Performance and Intelligent Video Surveillance System 高效能和智能視像監控系統	01/09/2003 - 28/02/2005	2,722,000	The University of HongKong 香港大學	Completed 已完成
UIM/119	Product Platforms for Developing Mass Customized High-rise Residential Housing in HongKong 開發產品平台以達成度身訂製大量生產的高樓住宅	01/10/2003 - 31/03/2005	559,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成

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UIM/121	Salvage of Ischemic/Infarcted Myocardium by Dagencao Induced Rapid Angiogenesis and Myogenesis and Its Development 大根草誘導的血管形成和心肌再生的功能來挽救缺血或梗死的心肌及開發	01/02/2004 - 31/07/2007	3,500,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/122	Develop a New Air-Conditioning System Based on Ultrasonic Actuation and RMZ Heating 超聲催動與半導體加熱的新型冷氣機	01/11/2003 - 30/04/2006	2,025,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/124	In Vivo Anti-tumour Activity of Recombinant Human Arginase: its Preparation Optimization, Modification and Preclinical Efficacies 人重組精氨酸西每體內抗癌活力：優化及改良製造程序、和臨床前藥效研究	02/02/2004 - 30/04/2006	1,200,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/125	An Innovative Machine Design Concept for Modern Textile Industry: Develop a Compact Dyeing/Drying Machine Model by Integrating Solid-state Radio Frequency Generators into Low Liquor Ratio Dyeing Machines 現代紡織工業創新的機器設計概念：將固態射頻發生器與低水比染色機集成緊湊的染色 / 烘乾機的開發	01/12/2003 - 31/12/2005	392,048	City University of HongKong 香港城市大學	Completed 已完成
UIM/126	Development of PDP Phosphors 研究發展 PDP 螢光粉	15/12/2003 - 14/02/2006	638,860	HongKong Baptist University 香港浸會大學	Completed 已完成
UIM/127	Advanced Distribution and Transportation Systems: Research and Development into Interoperability and Collaborative Commerce 先進配送和運輸系統在互通與協同商務中的研究和開發	01/02/2004 - 31/01/2005	1,352,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/130	Non-stop Internet Computing with Replicate Relational XML Databases for Information Highway 資訊公路上的不停站式複製關聯式可擴展標示語言資料庫的運算	01/08/2004 - 30/09/2006	499,900	City University of HongKong 香港城市大學	Completed 已完成
UIM/132	Novel Barcode-style Rapid On-site Urine Test Predicting Heart Attack and Stroke 新穎的條碼形快速尿液測試來實地預測心臟病及中風	01/07/2004 - 30/09/2005	683,500	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/134	Development and Technology Transfer of Intelligent Electronics Toys 智能電動玩具技術的開發和移交	01/05/2004 - 30/04/2006	986,500	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/136	Voice Control with Speaker Localization in Noisy Environments via Robust Echo Cancellation and Microphone Arrays 噪音環境下通過穩健的回聲抵消和聲傳器陣列技術實現聲音控制和定位系統	01/10/2004 - 30/11/2006	513,000	The University of HongKong 香港大學	Completed 已完成
UIM/137	Conversion of a Chinese Medicinal Tincture to a Reservoir Transdermal Patch 把傳統中藥藥酊劑型改進成儲庫貼劑	01/11/2004 - 31/10/2005	645,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成

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UIM/144	High-performance Embedded Radio-Frequency Passive Components in Thin Array Plastic Packaging (TAPP) for Wireless System-in-Package Applications 用於無線通訊封裝式系統的採用 TAPP 技術的高性能嵌入式射頻無源器件	01/09/2004 - 28/02/2006	249,800	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/145	Authentication for Surveillance System (ATS) 視像監控系統的確認	01/12/2004 - 28/02/2006	1,561,500	The University of HongKong 香港大學	Completed 已完成
UIM/150	Development and Application of an Isothermal Sheet Metal Forming Process for Magnesium Alloys 鎂合金片材的等溫拉深技術的開發與應用	01/12/2004 - 31/01/2007	920,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIM/151	A Ubiquitous Digital Writing System Using MEMS Motion Sensing Technology 一種應用微機電(MEMS)運動傳感技術的通用數碼書寫系統	01/12/2004 - 30/06/2007	1,883,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/160	Technology Development and Prototyping of MEMS-based Microphone 微機電式麥克風之技術開發及原型試製	01/05/2005 - 31/10/2006	388,865	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIM/161	Study of Carbon Fibres and their Applications in Domestic Electrical Appliances 碳纖維的導電和發熱特性及其在家庭電器的應用	01/05/2005 - 31/08/2006	586,500	The University of HongKong 香港大學	Completed 已完成
UIM/166	Efficient Extraction of Trace Precious Metals in Industrial Effluents via Novel Water Compatible PEG/PS Solid-phase Separable Scavengers 用新創水容 PEG/PS 固相分離萃取劑回收工業廢水內的貴金屬	01/11/2005 - 30/04/2007	897,250	The University of HongKong 香港大學	Completed 已完成
UIM/167	Reliable Digital Video Surveillance Systems with Efficient Content-based Video Retrieval Support 具備以內容為主的視訊擷取支援及可靠的數碼視像監控系統	01/02/2006 - 30/06/2007	1,000,000	The University of HongKong 香港大學	Completed 已完成
UIM/168	Pre-Clinical Study of New Drug Candidate LC978 for the Therapy of Human Leukemia, Sickle Cell Anemia and Beta-thalassemia 治療人類白血病、鐮刀細胞及地中海貧血病的全新藥物前體 LC978 的預臨床研究	01/04/2006 - 31/03/2008	1,300,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/169	Structural Optimization for High Dynamic Performance in Electronics Manufacturing Equipment 開發半導體設備之高動態性能的結構優化技術	16/01/2006 - 15/07/2008	990,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIM/174	Virtual Reality Based Simulator for Training Percutaneous and Transcatheter Procedures 透視微創治療虛擬現實模擬訓練系統	12/03/2007 - 31/07/2009	2,798,880	The Chinese University of HongKong 香港中文大學	On-going 進行中
UIM/178	Development of an Automatic Electromechanical System to Sort Diamonds into Different Grades According to their Colour/impurity Characteristics 自動化鑽石分類系統的開發,系統是利用顏色及雜質來分鑽石的等級	01/04/2008 - 30/09/2009	1,092,500	The HongKong University of Science and Technology 香港科技大學	On-going 進行中

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UIM/181	Development of New Protein Drugs ("Biologics") Associated with the Aminoacyl-tRNA Synthetase (AARS) Family of Enzymes"&CHAR(10)&"氨酰-tRNA 合成酶 (AARS) 家族相關創新生物制劑的研發"	15/07/2008 - 14/01/2010	2,949,750	The HongKong University of Science and Technology 香港科技大學	On-going 進行中
UIM/182	Development of HPV Therapeutic Vaccine and Related Immunotherapy for Treating Cervical Cancer 用於子宮頸癌的人乳頭瘤病毒治療性疫苗及相關免疫療法的開發	15/08/2008 - 14/08/2010	1,571,682	The Chinese University of HongKong 香港中文大學	On-going 進行中
UIM/183	Inelastic Electron Tunneling Spectroscopy for Ferromagnetic Material Nanometer-Thin Film Junction 鐵磁物料納米薄膜結的非彈性電子隧道譜	01/09/2008 - 31/08/2010	499,000	City University of HongKong 香港城市大學	On-going 進行中
UIM/184	Evaluation of an Oxygen Therapeutic (IKOR-2084) in the Enhancement of Chemotherapy and Radiotherapy in Rodent Cancer Models 載氧藥物對提高腫瘤化學治療及放射治療功效的研究評估	15/09/2008 - 15/03/2010	946,715	The University of HongKong 香港大學	On-going 進行中
UIM/186	Development and Characterization of Human Mast Cell Culture Systems 肥大細胞培養系統的開發及鑑定	01/03/2009 - 28/02/2011	977,500	The Chinese University of HongKong 香港中文大學	On-going 進行中
Teaching Company Scheme 廠校合作研究計劃					
UIT/001	A Multi-Intelligent-Agents Network Based Framework for e-Commerce Application 電子商貿多智能代理網絡基礎架構	01/09/2000 - 31/03/2001	360,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/002	Space Biarc NC Tool Path Generation 空間雙圓弧數控刀具軌跡之生成	01/05/2000 - 12/09/2000	189,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/003	Innovative Development of Pharmaceutical Spray Technology 藥劑用噴霧技術的創新發展	01/08/2000 - 31/07/2002	180,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/005	Study on the Adhesive Flip Chip Bonding on Flexible Substrates 軟線路基體上導電膠倒裝片焊接的研究	15/09/2000 - 14/09/2002	180,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/006	Development of Analysis Techniques for Deposits and Baths for the Electroplating Industry 為電鍍工業發展新分析方法	01/08/2000 - 31/07/2002	245,000	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIT/008	Design of the Next Generation Smart Card Wallet System 下一代智能咭錢包系統之設計	03/10/2000 - 02/10/2002	189,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/009	Data Mining in Temporal-Spatial Databases 關於"時間空間性數據庫"的數據擷取	01/09/2000 - 28/02/2001	189,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成

Project No. 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIT/010	Hard Chrome Plating for Piston 輪機活塞之鉻電鍍	01/12/2000 - 30/11/2002	189,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/012	Control and Optimization of Wastewater Treatment Process in a Paper Manufacturing Plant 造紙廠廢水處理過程的控制及優化	07/12/2000 - 06/12/2002	189,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/014	Improved Positioning of Land Vehicle in ITS Using Digital Map and Other Accessory Information 用數碼地圖及其他輔助信息以改善智能交通系 統中車輛精確定位問題	01/03/2001 - 06/05/2003	189,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/015	Study on Anisotropic Conductive Films Bonding for Fine Pitch Flip Chip Interconnection 細間距聯接導膠倒裝片焊接研究	01/03/2001 - 28/02/2003	180,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/017	Enhancement of Plating Quality of Printed Circuit Board by Optimizing the Design of Industrial Plating Tanks 優化電鍍槽設計，提高線路板質量	01/06/2001 - 31/05/2003	189,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/018	Study of Solder Mask and other Related Materials for High Density Flexible Printed Circuit Board 高密度柔性印制電路板用阻錫材料	01/05/2001 - 30/04/2003	180,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/019	EcMap, an Integrated E-commerce Marketing System, to Enable Cost-effective and Result- based Web-site Marketing EcMap 綜合電子商務營銷系統	01/05/2001 - 31/12/2001	147,500	City University of HongKong 香港城市大學	Completed 已完成
UIT/020	Application of Intelligent Agents in E-commerce System for Construction Material Procurement 智能元體在建築電子商務中的應用	01/08/2001 - 31/07/2003	187,500	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/022	Detailed Study of UV Curable Adhesive for the Fabrication of Photonic Devices 光器件組裝用之紫外光定形接合膠	01/09/2001 - 31/08/2003	187,500	City University of HongKong 香港城市大學	Completed 已完成
UIT/024	Piezoelectric Pressure Sensors for Microelectronic Packaging 用於微電子封裝之壓電壓力傳感器	01/09/2001 - 31/08/2003	187,500	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/025	Reliability Analysis of Photonics Devices 光器件之可靠性分析	01/09/2001 - 31/08/2003	187,500	City University of HongKong 香港城市大學	Completed 已完成
UIT/026	Use of Knowledge Intensive (KI) CAD Technology in Small Electrical Household Appliance Industry 知識集中 CAD 技術於小型家電業之應用	01/10/2001 - 30/09/2003	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/027	Micrometallurgy in the Electroplated Bumps for Flip-Chip Applications 倒扣技術中之電鍍微凸的微金屬特性	01/08/2001 - 31/07/2003	170,880	The Chinese University of HongKong 香港中文大學	Completed 已完成
UIT/028	Design and Implementation of ASSIST: Automatic Secretary System Using Internet and Smart-Agent Technologies 自動秘書系統之設計與實踐	01/12/2001 - 30/11/2003	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成

Project No. 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIT/029	Design of Digital Right Access Management System (DRAMS) 數碼資料使用權限管理系統之研製	01/12/2001 - 30/11/2003	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/030	Computer Integration of Electrical Discharge Machining Process 電腦綜合電火花切削加工程序	01/01/2002 - 31/12/2003	184,928	The University of HongKong 香港大學	Completed 已完成
UIT/031	Reliability Study and Failure Analysis of Two Metal Layer Flexible Substrate (with micro-via) in Modern IC Packaging 雙金屬層柔基板的可靠性及失效分析	01/01/2002 - 31/12/2003	187,500	City University of HongKong 香港城市大學	Completed 已完成
UIT/032	Optimisation of Metallisation and Process Variables in Low Temperature Wire Bonding 低溫焊線合金系統和製作過程變數	01/04/2002 - 31/03/2004	185,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIT/033	Characterization on the Thermal, Mechanical, Electrical and Optical Properties of Selected Materials for Active Photonic Component Packaging Application 表征所選有源光子器件封裝材料的熱特性、機械特性、電氣特性與光特性	01/09/2002 - 31/08/2004	185,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/034	Real-time Face Recognition with Live Detection 可鑑別活體的實時面相識別	02/07/2002 - 01/07/2004	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/035	An Intelligent Automatic Call Distribution System Based on a Hybrid Intelligent System Approach 人工智能電話接線分配系統	15/07/2002 - 25/07/2003	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/037	Decision Support System for Improving Operational Efficiency of a Plant 提高廠房運作效率的決策支援系統	01/09/2002 - 31/08/2004	184,928	The University of HongKong 香港大學	Completed 已完成
UIT/038	Study on Flip Chip Bonding Solutions for Fine Pitch Chip-On-Film (COF) Package 薄膜封裝與微距焊接解決方案研究	01/12/2002 - 30/11/2004	186,944	City University of HongKong 香港城市大學	Completed 已完成
UIT/039	Integration of Embedded Capacitors and Resistors in Multilayer Printed Circuit Board 多層線路板內組合埋入式電容與電阻	02/01/2003 - 01/01/2005	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/041	Analysis of Defects in Aluminium Sheet Products 鋁片產品缺陷之分析	01/01/2003 - 31/12/2004	185,500	City University of HongKong 香港城市大學	Completed 已完成
UIT/042	Decision Support System for Improving Process Planning Efficiency of a Manufacturing Plant 提高製造廠房流程計劃效率的決策支援系統	01/01/2003 - 31/12/2004	184,928	The University of HongKong 香港大學	Completed 已完成
UIT/044	Improvement of Manufacturing Scheduling Efficiency in a Flexible Ion Plating Cell 提高柔性離子電鍍廠房的生產計劃表效率	01/01/2003 - 31/12/2004	185,000	The University of HongKong 香港大學	Completed 已完成
UIT/045	Optimisation of PVD Coating Process for Toolings 工、模具物理氣相沉積塗層工藝之優化	17/03/2003 - 16/03/2005	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成

Project No. 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIT/046	A Virtual Warehouse System for Collaborative Logistics 用於協同物流之虛擬倉存管理系統	01/04/2003 - 13/05/2005	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/047	Studies of Au/Pd/Ni Platings for Electronic Packages 電子封裝電鍍層 Au/Pd/Ni 的研究	01/04/2003 - 31/03/2005	185,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIT/048	Research and Development of New Phosphors for White LED 白色光 LED 螢光粉的研究與開發	01/07/2003 - 30/06/2005	185,000	The University of HongKong 香港大學	Completed 已完成
UIT/049	Non Destructive Testing of Building System (Structures, Materials and Hidden Utilities) Using Implused Radar and Data Fusion Techniques (DFT) 建築結構及材料無破壞檢測: 雷達及數據綜合法	01/07/2003 - 30/06/2005	185,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/050	Research in Quality Improvement in the Manufacture of SIM Cards 聰明咭生產過程質量提高的研究	01/07/2003 - 30/06/2005	185,000	The University of HongKong 香港大學	Completed 已完成
UIT/051	Study on Non Conductive Paste Bonding for Fine Pitch Flip Chip Interconnection 細間距聯接不導電膠倒裝片焊接研究	01/09/2003 - 31/08/2005	185,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/052	Development of a Deductive CAE Optimization System for Plastic Injection Moulding 利用電腦輔助工程(CAE) 發展一個推論性的優質注塑成型系統	01/08/2003 - 31/07/2005	173,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/054	An Efficient Methodology for Warm-forming Process Design 溫鍛工藝設計效率方案研究	02/10/2003 - 01/10/2005	173,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/055	Development and Applications of Long Afterglow Luminescent Materials 長餘輝發光材料的開發與應用	01/11/2003 - 31/10/2005	173,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/057	A Study on Low Cost High Security Data Exchange in a Large Scale Logistic System 大規模後勤系統中低成本高安全性數據交換的研究	01/02/2004 - 31/01/2006	173,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/058	Robust Object Segmentation Method for Video Surveillance System 用於視像監控系統的強健物件分割技術	01/09/2004 - 31/08/2006	185,000	The University of HongKong 香港大學	Completed 已完成
UIT/061	Development of Thread Tension Control System for Embroidery Machines 刺繡機線張力控制系統的研究	01/09/2004 - 31/08/2006	185,000	The HongKong University of Science and Technology 香港科技大學	Completed 已完成
UIT/062	Intelligent Production Control Decision-Making System for Apparel Manufacturing Process 智能生產控制判決系統在服裝縫合過程之應用	06/09/2004 - 05/09/2006	158,600	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/064	Discovering Association Patterns in Large Temporal-Spatial Databases 於時間空間資料庫發現關聯模式	04/10/2004 - 30/09/2006	158,600	The HongKong Polytechnic University 香港理工大學	Completed 已完成

Project No. 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIT/065	Development of an Information Discovery System to Achieve Process Optimization 優化生產工序的訊息探索系統	01/09/2004 - 01/09/2006	158,600	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/066	A Detailed Study of Enhanced Lead Free SnAgCu (i.e. SnAgCuIn) Solder Reliability and Wetting Ability for Surface Mounting Application 用於表面貼裝的增強無鉛 SnAgCu 焊料可靠性和潤濕性的研究	01/10/2004 - 30/09/2006	185,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/067	Methodology Development of Wearing Behaviour in a High Frequency Fatigue Motion (HFFM) System 高頻疲勞全動系統的磨損特性基礎研究	01/11/2004 - 31/10/2006	171,800	City University of HongKong 香港城市大學	Completed 已完成
UIT/068	Enhancement of the Tribological Performance of a High Rotational Speed Mechanical System 優化高速旋轉機械系統的摩擦性能	01/11/2004 - 31/10/2006	171,800	City University of HongKong 香港城市大學	Completed 已完成
UIT/069	An Investigation of Tribological Characteristics of an Electromechanical System 機電系統的摩擦特性研究	01/11/2004 - 31/10/2006	171,800	City University of HongKong 香港城市大學	Completed 已完成
UIT/070	Development of an Energy-efficient Burn-in System for Switching Mode Power Supplies 開發一個高效能開關電源老化系統	01/11/2004 - 31/10/2006	335,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/071	Trapped-Energy High-frequency Piezoelectric Resonators 能阱式高頻壓電諧振器	01/10/2004 - 30/09/2006	158,600	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/073	Analysis of Rubbers Used in Venting Systems for Rechargeable Batteries 充電電池排氣裝置用膠粒分析	01/03/2005 - 28/02/2007	159,320	City University of HongKong 香港城市大學	Completed 已完成
UIT/074	Development of an Intelligent Supplier Evaluation System for Streamlining Purchasing Operations in a Logistics Network 開發供應商評估智能系統，精簡物流網絡上的採購運作	01/03/2005 - 28/02/2007	158,600	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/075	Intelligent Decision Models for Optimizing Polishing Quality 開發拋光技術及智能決策系統	01/09/2005 - 31/08/2007	155,000	The University of HongKong 香港大學	Completed 已完成
UIT/078	Soft-measurement of Temperature Distribution for Optimal Control and Design of the Cure Oven 基於溫度場軟測量的加熱固化爐優化設計和控制	01/10/2005 - 30/09/2007	161,000	City University of HongKong 香港城市大學	Completed 已完成
UIT/079	Low-power Integrated Circuit Design Techniques for Digital Audio Coder/Decoder 低功耗數字音訊集成電路設計方法	01/09/2005 - 31/08/2007	155,350	The University of HongKong 香港大學	Completed 已完成
UIT/083	Generations of Bio-degradable Plastics for Pharmaceutical Uses 可降解塑膠的製成與藥學使用	02/01/2006 - 01/01/2008	147,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/086	Intelligent CAD/CAM Tools for Mould Insert and EDM Electrode Design 智能化 CAD/CAM 模具鑲件及 EDM 電極設計工具	03/04/2006 - 02/04/2008	194,000	City University of HongKong 香港城市大學	Completed 已完成

Project No. 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIT/088	Categorization of Web Documents by Projective Clustering 基於映射聚類的網頁分類法	01/04/2006 - 31/03/2008	152,000	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/089	Development of Lead-free Piezoelectric Ceramic Resonators for High-Frequency Oscillator Applications 無鉛壓電陶瓷高頻諧振器的開發	03/10/2006 - 02/10/2008	158,600	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/090	Enhancement of Product Quality and Productivity of a Small Household Electrical Appliance Company by the Micro-Cellular Injection Moulding Technology 微孔泡沫注塑技術在小型電器工業中的應用	01/02/2007 - 31/01/2009	158,600	The HongKong Polytechnic University 香港理工大學	Completed 已完成
UIT/091	Study on the Reliability of the Selective Molecular Assembly Patterning (SMAP) at Nanoscaled Indium Tin Oxide Design Layout 對選擇性分子組成結構以得之納米氧化銦錫的可靠性提升之研究	01/04/2007 - 31/03/2009	185,000	City University of HongKong 香港城市大學	On-going 進行中
UIT/094	Development of a Generic Product Design Platform for Household Product Design 發展共通產品設計平台於家用電器產品的管理及應用	01/08/2007 - 31/07/2009	158,600	The HongKong Polytechnic University 香港理工大學	On-going 進行中
UIT/095	Development of an Intelligent Business Process Management Decision Support System for Mould Manufacturers 模具工業智能化商業流程管理決策支持系統開發	17/09/2007 - 16/09/2009	158,600	The HongKong Polytechnic University 香港理工大學	On-going 進行中
UIT/096	Noise and Echo Cancellation DSP Firmware Library for Automotive Applications 汽車應用的數字信號處理噪聲和回波消除技術固件庫	01/10/2007 - 30/09/2009	185,000	City University of HongKong 香港城市大學	On-going 進行中
UIT/097	Reliability Study of Vacuum Dielectric Capacitors for Microwave Circuit Applications 用於微波的真空介質電容器的可靠性研究	01/02/2008 - 30/09/2009	155,000	City University of HongKong 香港城市大學	On-going 進行中
UIT/098	Design of Intelligent Voltage Sag Compensators for Semiconductor Industry 半導體工業用智能型電壓驟降補償器的設計	01/04/2008 - 31/03/2009	79,300	The HongKong Polytechnic University 香港理工大學	On-going 進行中
UIT/099	Production of Photocatalytic Materials for Air Pollution Treatment by a Microwave Plug-flow Reactor 生產光催化材料用於微波栓流式反器處理空氣污染	01/09/2008 - 31/08/2010	185,000	The HongKong University of Science and Technology 香港科技大學	On-going 進行中
UIT/100	Study on Sealing of Battery Packaging 電池包裝封口的研究	01/12/2008 - 30/11/2010	162,200	City University of HongKong 香港城市大學	On-going 進行中
UIT/101	Development of an Opinion Mining System for Chinese On-line Forum Documents 面向中文網論壇文本的情緒挖掘系統的研制	10/12/2008 - 09/12/2010	165,200	The HongKong Polytechnic University 香港理工大學	On-going 進行中
UIT/102	Video Object Detection and Parameterization 視訊物體特徵追蹤及偵測	02/03/2009 - 01/03/2011	165,200	The HongKong Polytechnic University 香港理工大學	On-going 進行中

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)026

Question Serial No.

0703

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: How many intern positions have been funded by the Internship Programme since it was introduced under the General Support Programme? Has the Administration reviewed the effectiveness of the Programme? Has the aim of creating a larger pool of research talent been achieved?

Asked by: Hon. IP LAU Suk-ye, Regina

Reply: Under the Internship Programme introduced in 2004, a local university can engage 2 fresh graduates from local universities as interns to take part in the R&D project funded under the Innovation and Technology Fund (ITF) with funding support in the form of monthly allowance to the interns. The objective is to nurture more local R&D talent. Upon completion of the internship period, the interns and the R&D project coordinators are required to submit evaluation reports to ITC. Up to end-February 2009, a total of 104 interns have been approved under the Internship Programme since 2004.

Initially the Programme only covered local universities undertaking ITF projects. Whilst we have not conducted a full review to evaluate the effectiveness, for the purposes of job creation and nurturing local R&D talent, we have expanded the Internship Programme to cover, apart from local universities, the R&D Centres set up under ITF, Hong Kong Productivity Council and private sector companies under the Small Entrepreneur Research Assistance Programme (SERAP). To provide a larger pool of intern recruits, we have relaxed the requirements of the Programme to accommodate local university graduates with higher qualifications and non-local students (including those from the Mainland) who graduate from local universities, relaxing the 'fresh graduate' requirement (i.e. those who have graduated for more than 1 year are eligible) and to provide 2 intern positions irrespective of the size of the research team. We have also increased the level of monthly allowance for each intern from \$9,000 to \$10,000 for first-degree graduates, and \$12,000 for those with Master or higher degrees, and increased the maximum internship period from 12 to 24 months. With these enhanced measures and our on-going initiatives to encourage more R&D projects to be undertaken by local universities, R&D Centres and private enterprises under the ITF, we hope the number of R&D positions, for both experienced researchers and interns, will increase significantly in the coming years.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)027

Question Serial No.

0704

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: What were the manpower and expenditure involved in the organisation of the Innovation Festival 2008? How effective was it?

Asked by: Hon. IP LAU Suk-yee, Regina

Reply: The annual Innovation Festival, first launched in 2005, aims to nurture an innovation and technology culture among the public, especially the younger generation. In 2008, the Festival comprised an InnoCarnival at Science Park, 4 roadshows at various districts, 20 seminars and 160 workshops, with a total expenditure of \$4.51 m, of which \$4.3 m was from the Government and \$0.21 m was from the festival partner organisation, i.e. The Hong Kong Federation of Youth Groups. In ITC, the planning and implementation of programmes were mainly taken up by 1 Senior Manager, 1 Manager and 1 Assistant Manager, under the supervision of an Assistant Commissioner among their other duties and in collaboration with the Festival Partner, as well as over 50 partnering and supporting organisations. The Innovation Festival 2008 was very well received by the community and its various activities attracted around 100 000 participants.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)028

Question Serial No.

0705

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: What were the manpower and expenditure involved in the organisation of the Hong Kong Student Science Project Competition? How effective was it?

Asked by: Hon. IP LAU Suk-yee, Regina

Reply: The Hong Kong Student Science Project Competition was first launched in 1998 and aims to enhance students' interest and their knowledge in science and technology. The expenditure of the project in 2008 was \$1.93 m, of which \$1.31 m was from the Government and \$0.62 m was from The Hong Kong Federation of Youth Groups (HKFYG) respectively. In ITC, the planning and implementation of the project were taken up by 1 Senior Manager, 1 Manager and 1 Assistant Manager, under the supervision of an Assistant Commissioner among their other duties and in collaboration with partnering organizations, including HKFYG and educational institutions. The competition was very well received, with 142 teams of 525 students from 57 schools participating in 2008. A slogan competition was also organised to commemorate the 10th anniversary of the competition and it attracted almost 20 000 entries. The Initial Judging cum Project Exhibition as well as the Final Judging of the competition had attracted almost 2 000 participants.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)029

Question Serial No.

1143

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: -

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: Does the Commerce and Economic Development Bureau have any plans or measures to develop Chinese medicine as one of the industry of the local business and industrial sector? If yes, what are the details and the expenditure involved? If not, what are the reasons? Will the Bureau conduct feasibility study on the development of Chinese medicine as an industry?

Asked by: Hon. LAM Tai-fai

Reply: The Innovation and Technology Commission (ITC) has been supporting the applied research and development (R&D) into the Chinese medicine with a view to facilitating the growth of the Chinese medicine industry. The support from the ITC on the R&D side is in the form of provision of funding, infrastructure and R&D facilities.

In terms of funding, the Innovation and Technology Fund (ITF) and the previous Industrial Support Fund/Services Support Fund have funded 57 Chinese medicine-related projects with a total sum of nearly \$200 m, including \$27 m for supporting 15 University-Industry Collaboration projects. Since 2005, the Guangdong-Hong Kong Technology Cooperation Funding Scheme under the ITF have provided \$15 m to encourage closer R&D collaboration between the Chinese medicine researchers and industry in Hong Kong and Guangdong Province.

The Hong Kong Jockey Club Institute of Chinese Medicine (HKJCICM) was set up in 2001 to promote the development of Chinese medicine into a high-valued industry through coordinating and supporting scientific and evidence-based development programmes. The years, HKJCICM has committed over \$100 million to support R & D projects on innovative Chinese medicine product development and Chinese medicine quality assessment.

In addition, the CM Laboratory of HKJCICM, together with its technology and test laboratory partners, have been offering technical support and custom-made contract services to the industry to facilitate the registration and development of quality Chinese medicine products. HKJCICM also acts as focal point for Chinese medicine-related news update, information exchange, access to publications and databases since its establishment.

In terms of infrastructure, the Hong Kong Science and Technology Parks Corporation offers a comprehensive range of services to cater for the needs of the Chinese medicine industry at various stages, ranging from nurturing start-up companies through incubation programmes, providing premises and services in the Science Park for applied R&D activities, to providing land and premises in the industrial estates for production. Some notable Chinese medicine brands are tenants of the industrial estates.

In Hong Kong, the Chinese Medicine Ordinance, Cap 549 provides for the regulation of the standards of Chinese medical practitioners and the safety, efficacy and quality of Chinese medicines through the Chinese Medical Council (the Council). To ensure public health protection, practitioners, medicine traders and medicines must be registered with the Council.

The Hong Kong Chinese Materia Medica project was launched in 2001 by the Department of Health to develop standards for Chinese herbs commonly used in Hong Kong. So far, the standards of 60 Chinese herbs have been developed. Additional resources have been allocated in 2008-09 for the continuation of the project to cover some 200 more Chinese herbs in phases.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)030

Question Serial No.

1145

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: In his Budget Speech (paragraph 66), the Financial Secretary mentioned that the Administration is studying ways to enhance the functions of the industrial estates, reviewing the existing mix of industries within these estates and exploring future market opportunities. The study is expected to be completed in the third quarter. Also, the Administration will consider the potential and feasibility of developing a fourth estate. In this regard, will the Administration inform this Committee the detailed study areas, the responsible agency, the progress, the schedule as well as the expenditure items involved in the study.

Asked by: Hon. LAM Tai-fai

Reply: The consultancy study relating to industrial estates (IE) is commissioned by the Hong Kong Science and Technology Parks Corporation and is not an expenditure item under the Innovation and Technology Commission. It is conducted with a view to revitalising and repositioning the IE, to ensure that their development keeps pace with the times and brings the best economic benefits to Hong Kong. It will look into ways to enhance the functions of IE, explore future market opportunities, including introduction of new industries and attracting new investors and reviewing current practices. The study is now in progress and will be completed in the third quarter of 2009. We will review the findings of the consultancy report before considering other implementation issues, including feasibility and potential of developing a fourth industrial estate.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)031

Question Serial No.

1150

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (2) Fostering University-Industry Collaboration

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: An estimated provision of \$7.5 m will be used for fostering collaboration between universities and industry in 2009-10, representing an increase of 7.5%. However, the estimated numbers of applications received and projects being monitored in 2009 are less than those of 2007 and 2008. Will the Administration inform this Committee:

- (a) The names of institutions and the project titles under the University-Industry Collaboration Programme (UICP) in the past 3 years, i.e. from 2006 to 2008. Please provide a breakdown of the funding amount;
- (b) The principles for determining the amount of provision for UICP and the reasons for the increase in provision but decrease in the number of projects funded; and
- (c) The reasons for not increasing the number of projects funded.

Asked by: Hon. LAU Sau-shing, Patrick

- Reply:
- (a) A list of the UICP projects undertaken in the past 3 years is at Annex.
 - (b) We have included a provision of \$7.5 m in the 2009-10 Draft Estimates for administering the UICP, which is adjusted slightly upwards over the provision in 2008 in line with past years' trend. The provision is mainly for additional expenditure on end-of-contract gratuities and other items like training and development.
 - (c) In the 2009-10 Estimates, we estimate that the same number of UICP applications as in 2008 will be received in 2009. If there are more UICP applications this year, we will deploy the necessary resources to process them expeditiously and provide the ITF funding support required.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

University-Industry Collaboration Programme - Approved Projects in the past 3 years
大學與產業合作計劃 - 過去 3 年獲批准的研發項目

Project No 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
Matching Grant for Joint Research 合作研究等額補助金計劃					
UIM/047	Program for Embedded Passives on Flexible Tape Substrates 軟性基底嵌入式無源電路研究計劃	01/04/2001 - 31/03/2006	14,751,600	The Hong Kong University of Science and Technology 香港科技大學	Completed 已完成
UIM/095	Development of Cement-based Functional Piezoelectric Materials for Intelligent Civil Structures 土木智能結構中的水泥基壓電功能材料的開發	01/10/2002 - 31/03/2006	1,230,000	The Hong Kong University of Science and Technology 香港科技大學	Completed 已完成
UIM/103	Next Generation Online Multimedia Collaboration System 下一代在線多媒體協作系統	01/12/2004 - 28/02/2007	14,592,000	The Hong Kong University of Science and Technology 香港科技大學	Completed 已完成
UIM/108	Development of Globally Marketable Modernized Proprietary Natural Products for Treating Insomnia 開發具有專利權和國際市場潛力的新一代治療失眠之天然藥物	01/06/2003 - 31/05/2006	4,092,400	The Chinese University of Hong Kong 香港中文大學	Completed 已完成
UIM/113	Pharmacogenomic/ Pharmacogenetic-guided and Related Development of Therapeutics for Cancers and Lupus Erythematosus 藥物遺傳學指導新藥發展: 用於抗腫瘤及紅斑狼瘡症	01/12/2003 - 30/11/2006	3,240,000	The Hong Kong University of Science and Technology 香港科技大學	Completed 已完成
UIM/116	Development of Integrated Advanced Computer Control System for Injection Molding Machines 發展高效能一體化的注塑機控制器	01/10/2003 - 30/09/2006	2,739,250	The Hong Kong University of Science and Technology 香港科技大學	Completed 已完成
UIM/117	Smart Vibration Isolation Technology for Automation and Precision Equipment 用於自動化及精密設備之智能隔振技術	01/12/2003 - 28/02/2006	1,290,000	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIM/121	Salvage of Ischemic/Infarcted Myocardium by Dagencao Induced Rapid Angiogenesis and Myogenesis and Its Development 大根草誘導的血管形成和心肌再生的功能來挽救缺血或梗死的心肌及開發	01/02/2004 - 31/07/2007	3,500,000	The Chinese University of Hong Kong 香港中文大學	Completed 已完成
UIM/122	Develop a New Air-Conditioning System Based on Ultrasonic Actuation and RMZ Heating 超聲催動與半導體加熱的新型冷氣機	01/11/2003 - 30/04/2006	2,025,000	The Chinese University of Hong Kong 香港中文大學	Completed 已完成

Project No 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIM/124	In Vivo Anti-tumour Activity of Recombinant Human Arginase: its Preparation Optimization, Modification and Preclinical Efficacies 人重組精氨酸西每體內抗癌活力：優化及改良製造程序、和臨床前藥效研究	02/02/2004 - 30/04/2006	1,200,000	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIM/126	Development of PDP Phosphors 研究發展 PDP 螢光粉	15/12/2003 - 14/02/2006	638,860	Hong Kong Baptist University 香港浸會大學	Completed 已完成
UIM/130	Non-stop Internet Computing with Replicate Relational XML Databases for Information Highway 資訊公路上的不停站式複製關聯式可擴展標示語言資料庫的運算	01/08/2004 - 30/09/2006	499,900	City University of Hong Kong 香港城市大學	Completed 已完成
UIM/134	Development and Technology Transfer of Intelligent Electronics Toys 智能電動玩具技術的開發和移交	01/05/2004 - 30/04/2006	986,500	The Chinese University of Hong Kong 香港中文大學	Completed 已完成
UIM/136	Voice Control with Speaker Localization in Noisy Environments via Robust Echo Cancellation and Microphone Arrays 噪音環境下通過穩健的回聲抵消和聲傳器陣列技術實現聲音控制和定位系統	01/10/2004 - 30/11/2006	513,000	The University of Hong Kong 香港大學	Completed 已完成
UIM/144	High-performance Embedded Radio-Frequency Passive Components in Thin Array Plastic Packaging (TAPP) for Wireless System-in-Package Applications 用於無線通訊封裝式系統的採用 TAPP 技術的高性能嵌入式射頻無源器件	01/09/2004 - 28/02/2006	249,800	The Hong Kong University of Science and Technology 香港科技大學	Completed 已完成
UIM/145	Authentication for Surveillance System (ATS) 視像監控系統的確認	01/12/2004 - 28/02/2006	1,561,500	The University of Hong Kong 香港大學	Completed 已完成
UIM/150	Development and Application of an Isothermal Sheet Metal Forming Process for Magnesium Alloys 鎂合金片材的等溫拉深技術的開發與應用	01/12/2004 - 31/01/2007	920,000	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIM/151	A Ubiquitous Digital Writing System Using MEMS Motion Sensing Technology 一種應用微機電(MEMS)運動傳感技術的通用數碼書寫系統	01/12/2004 - 30/06/2007	1,883,000	The Chinese University of Hong Kong 香港中文大學	Completed 已完成
UIM/160	Technology Development and Prototyping of MEMS-based Microphone 微機電式麥克風之技術開發及原型試製	01/05/2005 - 31/10/2006	388,865	The Hong Kong University of Science and Technology 香港科技大學	Completed 已完成

Project No 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIM/161	Study of Carbon Fibres and their Applications in Domestic Electrical Appliances 碳纖維的導電和發熱特性及其在家庭電器的應用	01/05/2005 - 31/08/2006	586,500	The University of Hong Kong 香港大學	Completed 已完成
UIM/166	Efficient Extraction of Trace Precious Metals in Industrial Effluents via Novel Water Compatible PEG/PS Solid-phase Separable Scavengers 用新創水容 PEG/PS 固相分離萃取劑回收工業廢水內的貴金屬	01/11/2005 - 30/04/2007	897,250	The University of Hong Kong 香港大學	Completed 已完成
UIM/167	Reliable Digital Video Surveillance Systems with Efficient Content-based Video Retrieval Support 具備以內容為主的視訊擷取支援及可靠的數碼視像監控系統	01/02/2006 - 30/06/2007	1,000,000	The University of Hong Kong 香港大學	Completed 已完成
UIM/168	Pre-Clinical Study of New Drug Candidate LC978 for the Therapy of Human Leukemia, Sickle Cell Anemia and Beta-thalassemia 治療人類白血病、鐮刀細胞及地中海貧血病的全新藥物前體 LC978 的預臨床研究	01/04/2006 - 31/03/2008	1,300,000	The Chinese University of Hong Kong 香港中文大學	Completed 已完成
UIM/169	Structural Optimization for High Dynamic Performance in Electronics Manufacturing Equipment 開發半導體設備之高動態性能的結構優化技術	16/01/2006 - 15/07/2008	990,000	The Chinese University of Hong Kong 香港中文大學	Completed 已完成
UIM/174	Virtual Reality Based Simulator for Training Percutaneous and Transcatheter Procedures 透視微创治療虛擬現實模擬訓練系統	12/03/2007 - 31/07/2009	2,798,880	The Chinese University of Hong Kong 香港中文大學	On-going 進行中
UIM/178	Development of an Automatic Electromechanical System to Sort Diamonds into Different Grades According to their Colour/impurity Characteristics 自動化鑽石分類系統的開發,系統是利用顏色及雜質來分鑽石的等級	01/04/2008 - 30/09/2009	1,092,500	The Hong Kong University of Science and Technology 香港科技大學	On-going 進行中
UIM/181	Development of New Protein Drugs ("Biologics") Associated with the Aminoacyl-tRNA Synthetase (AARS) Family of Enzymes"&CHAR(10)&" 氨酰-tRNA 合成酶 (AARS) 家族相關創新生物制劑的研發"	15/07/2008 - 14/01/2010	2,949,750	The Hong Kong University of Science and Technology 香港科技大學	On-going 進行中
UIM/182	Development of HPV Therapeutic Vaccine and Related Immunotherapy for Treating Cervical Cancer 用於子宮頸癌的人乳頭瘤病毒治療性疫苗及相關免疫療法的開發	15/08/2008 - 14/08/2010	1,571,682	The Chinese University of Hong Kong 香港中文大學	On-going 進行中

Project No 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIM/183	Inelastic Electron Tunneling Spectroscopy for Ferromagnetic Material Nanometer-Thin Film Junction 鐵磁物料納米薄膜結的非彈性電子隧道譜	01/09/2008 - 31/08/2010	499,000	City University of Hong Kong 香港城市大學	On-going 進行中
UIM/184	Evaluation of an Oxygen Therapeutic (IKOR-2084) in the Enhancement of Chemotherapy and Radiotherapy in Rodent Cancer Models 載氧藥物對提高腫瘤化學治療及放射治療功效的研究評估	15/09/2008 - 15/03/2010	946,715	The University of Hong Kong 香港大學	On-going 進行中
UIM/186	Development and Characterization of Human Mast Cell Culture Systems 肥大細胞培養系統的開發及鑑定	01/03/2009 - 28/02/2011	977,500	The Chinese University of Hong Kong 香港中文大學	On-going 進行中
Teaching Company Scheme 廠校合作研究計劃					
UIT/057	A Study on Low Cost High Security Data Exchange in a Large Scale Logistic System 大規模後勤系統中低成本高安全性數據交換的研究	01/02/2004 - 31/01/2006	173,000	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/058	Robust Object Segmentation Method for Video Surveillance System 用於視像監控系統的強健物件分割技術	01/09/2004 - 31/08/2006	185,000	The University of Hong Kong 香港大學	Completed 已完成
UIT/061	Development of Thread Tension Control System for Embroidery Machines 刺繡機線張力控制系統的研究	01/09/2004 - 31/08/2006	185,000	The Hong Kong University of Science and Technology 香港科技大學	Completed 已完成
UIT/062	Intelligent Production Control Decision-Making System for Apparel Manufacturing Process 智能生產控制判決系統在服裝縫合過程之應用	06/09/2004 - 05/09/2006	158,600	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/064	Discovering Association Patterns in Large Temporal-Spatial Databases 於時間空間資料庫發現關聯模式	04/10/2004 - 30/09/2006	158,600	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/065	Development of an Information Discovery System to Achieve Process Optimization 優化生產工序的訊息探索系統	01/09/2004 - 01/09/2006	158,600	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/066	A Detailed Study of Enhanced Lead Free SnAgCu (i.e. SnAgCuIn) Solder Reliability and Wetting Ability for Surface Mounting Application 用於表面貼裝的增強無鉛 SnAgCu 焊料可靠性和潤濕性的研究	01/10/2004 - 30/09/2006	185,000	City University of Hong Kong 香港城市大學	Completed 已完成

Project No 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIT/067	Methodology Development of Wearing Behaviour in a High Frequency Fatigue Motion (HFFM) System 高頻疲勞全動系統的磨損特性基礎研究	01/11/2004 - 31/10/2006	171,800	City University of Hong Kong 香港城市大學	Completed 已完成
UIT/068	Enhancement of the Tribological Performance of a High Rotational Speed Mechanical System 優化高速旋轉機械系統的摩擦性能	01/11/2004 - 31/10/2006	171,800	City University of Hong Kong 香港城市大學	Completed 已完成
UIT/069	An Investigation of Tribological Characteristics of an Electromechanical System 機電系統的摩擦特性研究	01/11/2004 - 31/10/2006	171,800	City University of Hong Kong 香港城市大學	Completed 已完成
UIT/070	Development of an Energy-efficient Burn-in System for Switching Mode Power Supplies 開發一個高效能開關電源老化系統	01/11/2004 - 31/10/2006	335,000	City University of Hong Kong 香港城市大學	Completed 已完成
UIT/071	Trapped-Energy High-frequency Piezoelectric Resonators 能阱式高頻壓電諧振器	01/10/2004 - 30/09/2006	158,600	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/073	Analysis of Rubbers Used in Venting Systems for Rechargeable Batteries 充電電池排氣裝置用膠粒分析	01/03/2005 - 28/02/2007	159,320	City University of Hong Kong 香港城市大學	Completed 已完成
UIT/074	Development of an Intelligent Supplier Evaluation System for Streamlining Purchasing Operations in a Logistics Network 開發供應商評估智能系統，精簡物流網絡上的採購運作	01/03/2005 - 28/02/2007	158,600	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/075	Intelligent Decision Models for Optimizing Polishing Quality 開發拋光技術及智能決策系統	01/09/2005 - 31/08/2007	155,000	The University of Hong Kong 香港大學	Completed 已完成
UIT/078	Soft-measurement of Temperature Distribution for Optimal Control and Design of the Cure Oven 基於溫度場軟測量的加熱固化爐優化設計和控制	01/10/2005 - 30/09/2007	161,000	City University of Hong Kong 香港城市大學	Completed 已完成
UIT/079	Low-power Integrated Circuit Design Techniques for Digital Audio Coder/Decoder 低功耗數字音訊集成電路設計方法	01/09/2005 - 31/08/2007	155,350	The University of Hong Kong 香港大學	Completed 已完成
UIT/083	Generations of Bio-degradable Plastics for Pharmaceutical Uses 可降解塑膠的製成與藥學使用	02/01/2006 - 01/01/2008	147,000	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/086	Intelligent CAD/CAM Tools for Mould Insert and EDM Electrode Design 智能化 CAD/CAM 模具鑲件及 EDM 電極設計工具	03/04/2006 - 02/04/2008	194,000	City University of Hong Kong 香港城市大學	Completed 已完成

Project No 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIT/088	Categorization of Web Documents by Projective Clustering 基於映射聚類的網頁分類法	01/04/2006 - 31/03/2008	152,000	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/089	Development of Lead-free Piezoelectric Ceramic Resonators for High-Frequency Oscillator Applications 無鉛壓電陶瓷高頻諧振器的開發	03/10/2006 - 02/10/2008	158,600	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/090	Enhancement of Product Quality and Productivity of a Small Household Electrical Appliance Company by the Micro-Cellular Injection Moulding Technology 微孔泡沫注塑技術在小型電器工業中的應用	01/02/2007 - 31/01/2009	158,600	The Hong Kong Polytechnic University 香港理工大學	Completed 已完成
UIT/091	Study on the Reliability of the Selective Molecular Assembly Patterning (SMAP) at Nanoscaled Indium Tin Oxide Design Layout 對選擇性分子組成結構以得之納米氧化銻錫的可靠性提升之研究	01/04/2007 - 31/03/2009	185,000	City University of Hong Kong 香港城市大學	On-going 進行中
UIT/094	Development of a Generic Product Design Platform for Household Product Design 發展共通產品設計平台於家用電器產品的管理及應用	01/08/2007 - 31/07/2009	158,600	The Hong Kong Polytechnic University 香港理工大學	On-going 進行中
UIT/095	Development of an Intelligent Business Process Management Decision Support System for Mould Manufacturers 模具工業智能化商業流程管理決策支持系統開發	17/09/2007 - 16/09/2009	158,600	The Hong Kong Polytechnic University 香港理工大學	On-going 進行中
UIT/096	Noise and Echo Cancellation DSP Firmware Library for Automotive Applications 汽車應用的數字信號處理噪聲和回波消除技術固件庫	01/10/2007 - 30/09/2009	185,000	City University of Hong Kong 香港城市大學	On-going 進行中
UIT/097	Reliability Study of Vacuum Dielectric Capacitors for Microwave Circuit Applications 用於微波的真空介質電容器的可靠性研究	01/02/2008 - 30/09/2009	155,000	City University of Hong Kong 香港城市大學	On-going 進行中
UIT/098	Design of Intelligent Voltage Sag Compensators for Semiconductor Industry 半導體工業用智能型電壓驟降補償器的設計	01/04/2008 - 31/03/2009	79,300	The Hong Kong Polytechnic University 香港理工大學	On-going 進行中
UIT/099	Production of Photocatalytic Materials for Air Pollution Treatment by a Microwave Plug-flow Reactor 生產光催化材料用於微波栓流式反应器處理空氣污染	01/09/2008 - 31/08/2010	185,000	The Hong Kong University of Science and Technology 香港科技大學	On-going 進行中

Project No 項目編號	Project Title 項目名稱	Project Period 項目周期	Approved Funding 資助金額 (HK\$)	University 大學	Remarks 附註
UIT/100	Study on Sealing of Battery Packaging 電池包裝封口的研究	01/12/2008 - 30/11/2010	162,200	City University of Hong Kong 香港城市大學	On-going 進行中
UIT/101	Development of an Opinion Mining System for Chinese On-line Forum Documents 面向中文網論壇文本的情緒挖掘系 統的研制	10/12/2008 - 09/12/2010	165,200	The Hong Kong Polytechnic University 香港理工大學	On-going 進行中
UIT/102	Video Object Detection and Parameterization 視訊物體特徵追蹤及偵測	02/03/2009 - 01/03/2011	165,200	The Hong Kong Polytechnic University 香港理工大學	On-going 進行中

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)032

Question Serial No.

2694

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Administration stated that during 2009-10 it will continue to promote innovation, technology and design culture to the general public and nurture more creative young talents. In this regard, will the Administration:

- (a) Set out in details the relevant measures taken in 2008-09 and their effectiveness.
- (b) Give a detailed account on how to effectively implement relevant promotion and nurturing work with the estimated provision decreased by 3.7% under this Programme in 2009-10. Please provide a breakdown of the expenditure items.

Asked by: Hon. LAU Sau-shing, Patrick

Reply: (a) The Innovation and Technology Commission (ITC) operates a publicity programme to enhance public awareness and understanding of the importance of innovation, technology and design. In 2008-09, the following programmes were carried out and their impacts are as follows:

Programme	Impact
Innovation Festival 2008 – an InnoCarnival, 4 roadshows, 20 seminars and 160 workshops	The programmes attracted around 100 000 participants, most of them were secondary school students. Over 50 educational institutions and youth bodies joined as partner and supporting organizations.
Hong Kong Student Science Projects Competition 2008	142 teams of 525 students from 57 schools participated in the project competition. A slogan competition was also organised to commemorate the 10 th anniversary of the competition and it attracted almost 20 000 entries. The Initial Judging cum Project Exhibition as well as the Final Judging of the competition attracted almost 2 000 participants.
Hong Kong Youth 3D Animation Competition 2008	Over 500 students registered for the competition. They were provided with free training on 3D animation skill and free access to 3D software. More in-depth training was provided to winners.
TechnoFrontier – a 10 episode TV series	The TV series ‘TechnoFrontier’, jointly produced by the ITC and RTHK, were very well received by the public since its launch in October 2008. On average, each episode attracted an audience of 1 m.

Programme	Impact
Hong Kong RFID Centre	Partly funded by ITC, the Hong Kong RFID Centre serves to educate members of the public the importance and applications of RFID technology. The centre was open in early October 2008. Up to the end of 2008, over 2 000 people visited the centre.
Youth Innovation Club	The Club now has around 300 members. They were offered regular exchange and learning opportunities throughout the year to further develop their interest and knowledge in innovation and technology.

ITC also provides funding support to projects that promote an innovation and technology culture under the Innovation and Technology Fund and the DesignSmart Initiative.

- (b) The expenditure on this programme will be reduced by 3.7% in 2009-10 as compared with that in 2008-09. This is mainly due to the fact that 2 initiatives conducted in 2008-09, i.e. the production of the TechnoFrontier TV series and the setting up of the Hong Kong RFID Centre, were of one-off basis and will not be incurred again in 2009-10. ITC will continue to strengthen its partnership with other educational institutions and youth bodies to achieve synergies and to extend the reach of existing activities. It will also explore the use of new publicity means (e.g., online media) to enhance the public awareness of its activities.

The planned programmes and proposed budget for the publicity drive in 2009-10 are as follows:

1. Innovation Festival 2009	HK\$5 m
2. Hong Kong Student Science Project Competition	HK\$1.5 m
3. Hong Kong Youth 3D Animation Competition	HK\$0.2 m
4. Science Lectures on TechnoFrontier	HK\$0.2 m
5. Operation of the Hong Kong RFID Centre	HK\$0.5 m
6. Youth Innovation Club	HK\$0.6 m

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)033

Question Serial No.

0624

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: As mentioned in the Budget Speech, the Administration will promote the production of parts and accessory systems for electric vehicles, conduct vehicle tests and develop ancillary facilities for its wider use. What are the concrete plans? Will the Administration explore cooperation with the Mainland? What are the resources involved?

Asked by: Hon. LEE Wai-king, Starry

Reply: The Government will promote the setting up of vehicle battery charging facilities in Hong Kong, including the studying of the feasibility of setting up charging facilities in Government multi-storey car parks and exploring ways to encourage the business sector, such as property developers and private car park operators, to set up such facilities. The Government has also touched base with various manufacturers of electric vehicles (EV) including those based in the Mainland, and is studying the feasibility of jointly promoting EV with them. Other than Mitsubishi Motors Corporation with which we will conduct trials on its new type of EV shortly, we are also open towards collaborating with other manufacturers and are keeping a very close interest on the development of their EV. The Government will actively consider conducting trials with other types of EV should they be made available and under appropriate conditions.

Currently, the Hong Kong Automotive Parts and Accessory Systems R&D Centre (APAS) is undertaking 7 R&D projects related to EV, some of which involve cooperation with universities and manufacturers in the Mainland. The estimated cost of these projects amounts to \$21.6 m. APAS will continue to explore further cooperation with Mainland partners in this area.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)034

Question Serial No.

0184

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: Among the financial provision of \$77.6 m for the Innovation and Technology Commission under this Programme in 2009-10, how much will be used for the Hong Kong Science and Technology Parks Corporation (HKSTPC) to conduct a study on the repositioning and revitalisation of the Industrial Estates? What are the details?

Asked by: Hon. LEUNG Kwan-yuen, Andrew

Reply: Under Programme (5) Infrastructural Support, the Innovation and Technology Commission (ITC) is committed to developing world-class support infrastructure to facilitate technological-upgrading and development of the industry and to promote innovation and design. In 2009-10, the provision for this programme is \$77.6 m.

The consultancy study relating to Industrial Estates (IE) is commissioned by the Hong Kong Science and Technology Parks Corporation and is not an expenditure item under the Innovation and Technology Commission. The consultancy study is conducted with a view to revitalizing and repositioning the IE, to ensure that their development keeps pace with the times and brings the best economic benefits to Hong Kong. It will look into ways to enhance the functions of IE, explore future market opportunities, including introduction of new industries and attracting new investors, reviewing current practices. The study is now in progress and will be completed in the third quarter of 2009. We will review the findings of the consultancy report before considering other implementation issues, including feasibility and potential of developing a fourth industrial estate.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)035

Question Serial No.

0185

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2009-10, a financial provision of \$77.6 m will be allocated to the Innovation and Technology Commission to jointly operate the InnoCentre with the Hong Kong Science and Technology Parks and the Hong Kong Design Centre, please inform this Committee:

- (a) What is the estimated operating cost in 2009-10? How do the amount of the provision compare with those of the previous year?
- (b) How will the InnoCentre conduct value for money assessment on its work to create and sustain a cluster of high value-added design activities among design professionals and companies, where creative ideas with functionality will be stimulated, nurtured, researched and promoted?

Asked by: Hon. LEUNG Kwan-yuen, Andrew

Reply: Under Programme (5) Infrastructural Support, the Innovation and Technology Commission (ITC) is committed to developing world-class support infrastructure to facilitate technological-upgrading and development of the industry and to promote innovation and design. In 2009-10, the provision for this programme is \$77.6 m.

The InnoCentre is run by the Hong Kong Science and Technology Parks Corporation (HKSTPC). Its operation cost is funded by HKSTPC and is not an expenditure item under the ITC. ITC nevertheless provides funding support to HKSTPC for running a Design Incubation Programme (DIP) under the DesignSmart Initiative (DSI) to nurture design start-ups at the InnoCentre. The estimates for DIP in 2009-10 are \$4 m while the expenditure for DIP in 2008-09 was \$3,662,959.

As stated in the Estimates, ITC will continue to work closely with the HKSTPC and the Hong Kong Design Centre (HKDC) to operate the InnoCentre as a focal point for designers and design activities. A tripartite task force comprising representatives of ITC, HKSTPC and HKDC has been in place to oversee and steer the development of the InnoCentre. For the DIP which is funded by DSI, HKSTPC submits its annual plan and budget, regular activity and financial reports as well as annual audited accounts to the Commissioner for the Innovation and Technology who will monitor the work and assess the effectiveness of the DIP with the advice of the DSI Assessment Panel.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)036

Question Serial No.

0276

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the Automotive Parts and Accessory Systems R&D Centre under this programme, can the Administration elaborate on the following:

- (a) Of the 11 new projects and 32 projects estimated to be funded and monitored in 2009, how many of them are electric vehicles projects involving the participation of local universities and enterprises? What is the funding involved?
- (b) How do the above figures compare with those of 2007 and 2008?

Asked by: Hon. LEUNG Kwan-yuen, Andrew

Reply: Of the 11 new projects planned to be undertaken by the Automotive Parts and Accessory Systems R&D Centre in 2009, 4 are related to electric vehicles involving the participation of local universities and enterprises. The total project expenditure is estimated to be about \$18.83 m. The corresponding figures for 2007 and 2008 are summarized as follows -

	2007 (Actual)	2008 (Actual)	2009 (Estimate)
New projects			
- number of projects	3	3	4
- total expenditure (\$m)	9.06	9.54	18.83

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)037

Question Serial No.

0360

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the Guangdong-Hong Kong Technology Cooperation Funding Scheme (TCFS) under this Programme, will the Administration provide information on the following for 2008 and 2009:

- (a) For the applications received and processed, the actual number for 2008 is 71 while the estimated number for 2009 is 61. How many of them are Category A (projects which are solicited, vetted and funded solely by Hong Kong), Category B (projects which are solicited, vetted and funded solely by Guangdong) and Category C (projects which are jointly solicited, vetted and funded by Guangdong and Hong Kong) projects?
- (b) The number of projects funded and being monitored for 2008 and 2009 is 101 and 111 respectively. How many of them are Category A, Category B and Category C projects?

Asked by: Hon. LEUNG Kwan-yuen, Andrew

Reply: The breakdown of Category A and Category C projects in the 2008 and 2009 TCFS is as follows-

	2008 (Actual)	2009 (Estimate)
TCFS		
Applications received and processed, of which	71	61
- Category A	41	35
- Category C	30	26
Projects funded and being monitored, of which	101	111
- Category A	92	90
- Category C	9	21

The Guangdong side received a total of 617 Category B project proposals under the 2008 TCFS (viz. projects solicited, vetted and funded solely by the Guangdong side). Of these 617 applications received, 206 projects were approved.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)038

Question Serial No.

2707

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Budget Speech mentioned that the Administration will “consider the potential and feasibility of developing a fourth industrial estate”:

- (a) Will the Administration consider giving priority to renovate some old factory buildings (such as those in Sham Shui Po site) and develop them as the “fourth” industrial estate so as to achieve integration of old and new areas?
- (b) Will the Administration consider developing the “fourth” industrial estate for SMEs to start up light industries, green production industry, creative industry, garment market etc., instead of undertaking substantial construction to develop the industrial estate for the medium and heavy industries?

Asked by: Hon. LEUNG Mei-fun, Priscilla

Reply: The consultancy study relating to the industrial estates (IE) is commissioned by the Hong Kong Science and Technology Parks Corporation. It is conducted with a view to revitalising and repositioning the IE, to ensure that their development keeps pace with the times and brings the best economic benefits to Hong Kong. It will look into ways to enhance the functions of IE, explore future market opportunities, including introduction of new industries and attracting new investors and reviewing current practices. The study will be completed in the third quarter of 2009. We will review the findings of the consultancy report before considering other implementation issues, including the feasibility and potential of developing a fourth industrial estate. The Development Bureau is separately investigating the potential for adaptive re-use of the old factory buildings in metro areas.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)039

Question Serial No.

2222

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: According to the indicators, the Innovation and Technology Support Programme (ITSP) will conduct more rounds of project proposal solicitation in 2009.

- (a) Please explain the reasons for and the details of conducting more rounds of project proposal solicitation.
- (b) Will there be any adjustment in the eligibility criteria?
- (c) What is the estimated expenditure required?
- (d) What are the benefits of conducting more rounds of project proposal solicitation.

Asked by: Hon. PAN Pey-chyou

Reply: Between 2006 and 2008, R&D project proposals under the ITSP were solicited on an annual basis. As part of the job creation initiatives under the Innovation and Technology Fund, we have decided to conduct 2 more rounds of ITSP project proposal solicitation in 2009 i.e. a total of 3 rounds. The first round was launched on 23 January 2009 and the application closing date is 20 March 2009. We will call for applications again in the middle and second half of 2009. Apart from facilitating job creation, we hope this will encourage more R&D projects to be undertaken by local universities and research institutes to support the industry in moving up the value chain. Under the 2009-10 Estimates, we have increased the provision for ITSP from \$732 m to \$992 m i.e. an extra sum of \$260 m.

The general requirements and eligibility of the 2009 ITSP project proposal solicitation exercise are mostly the same as those in previous exercises, except that the coverage of the technology focus themes have been expanded to accommodate more research topics.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)040

Question Serial No.

1741

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: In paragraph 66 of the Budget Speech 2009-10, it is said that the Government will consider the potential and feasibility of developing a fourth industrial estate. In this connection, will the Government provide the details of the plan, including the appropriation, locations identified, the infrastructure needed, and the timetable for such development? Will the Government introduce special rental incentives to the relevant sectors?

Asked by: Hon. SHEK Lai-him, Abraham

Reply: The consultancy study relating to the industrial estates (IE) is commissioned by the Hong Kong Science and Technology Parks Corporation. It is conducted with a view to revitalising and repositioning the IE, to ensure that their development keeps pace with the times and brings the best economic benefits to Hong Kong. It will look into ways to enhance the functions of IE, explore future market opportunities, including introduction of new industries and attracting new investor and reviewing current practices. The study will be completed in the third quarter of 2009. We will review the findings of the consultancy report before considering other implementation issues, including the feasibility and potential of developing a fourth industrial estate.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)041

Question Serial No.

1941

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (5) Infrastructural Support

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: According to paragraph 64 of the Budget Speech 2009-10, the Government is exploring the feasibility of and development plans for Phase 3 of the Hong Kong Science Park. In this connection, will the Government inform us the occupation rate of the Phases 1 and 2 of the Hong Kong Science Park at present? Among the more than 250 research institutes, how many of them are locally funded and how many of them are foreign investments?

Asked by: Hon. SHEK Lai-him, Abraham

Reply: As at end February 2009, the occupancy rate of Science Park Phase 1 was about 91%. The occupancy rate for Phase 2, which is still under construction, was about 60%. As companies are not required to declare their source of investment for admission to Science Park, Hong Kong Science and Technology Parks Corporation only keeps record on the country of origin of its tenants. Based on the records of the companies (not counting incubatees which are mostly of Hong Kong origin), about 56% of its tenants are local while about 44% are of Mainland and overseas origin.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)042

Question Serial No.

0995

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: During 2009-10, the Commission will support the activities of R&D centres and monitor the progress of the funded projects. Please inform this Committee:

- (a) What are the concrete support measures? What are the expenditure and manpower involved? What are the new measures?
- (b) For the 5 R&D centres, how many funded projects have successfully transferred their technology in 2008? What were the project titles, research areas and funding amount?
- (c) For the projects mentioned in (b), which projects have completed or are undergoing technology transfer? What is the time required for technology transfer of each project?
- (d) What is the estimated number of technology transfer projects in 2009? What are the technology areas and funding amount involved?
- (e) Has the Commission evaluated the performance and effectiveness of the technology transfer conducted by each R&D centre? If yes, what are the evaluation results and follow-up measures? If not, what are the reasons?

Asked by: Hon. TAM Wai-ho, Samson

- Reply:
- (a) Under the Innovation and Technology Fund (ITF), we have made a provision of \$578.9 m in 2009-10 to support the R&D programmes of the 5 R&D Centres, namely, the R&D Centre for Automotive Parts and Accessory Systems (APAS), the Hong Kong Research Institute of Textiles and Apparel (HKRITA), R&D Centre for Information and Communications Technologies (ICT), R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM) and Nano and Advanced Materials Institute (NAMI). In addition, we have made a provision \$72.3 m under ITF to meet the operating expenditure of these R&D Centres in 2009-10, except for ICT which is funded under the annual subvention to the Applied Science and Technology Research Institute (ASTRI). The expenditure for promoting technology transfer is met partly from the R&D project accounts and partly from the Centres' operating accounts.
 - (b) In 2008, a total of 27 projects undertaken by the R&D Centres were substantially completed and they were in the process of pursuing technology transfer. These projects involve an approved ITF funding of \$271.7 m. Details of these projects are at Annex.
 - (c) The 27 projects in (b) above are still in the process of pursuing technology transfer by the R&D Centres. We cannot provide a clear estimate on the time required for completing the process as it often takes a long time and an elaborated process to put the R&D results into industry and commercial applications. The situation of each case can vary significantly.

- (d) We estimate that in 2009, 108 projects will have their R&D work completed and the R&D Centres will start promoting technology transfer for the project results. A summary of these projects is as below –

	No. of projects	Approved ITF funding (\$m)	Technology areas
APAS	8	10.3	Vehicle Electronics; Electric Vehicles; Safety.
HKRITA	24	72.5	New Materials; Advanced Production Technologies; Design and Evaluation Technologies; Industrial Systems.
ICT	67	305.0	Communications Technologies; Enterprise & Consumer Electronics; Material & Packaging Technologies; IC Designs; Bio-medical Electronics.
LSCM	7	43.7	Networking and infrastructure technology; RFID Tag and Reader Technology; Applications and decision support technology.
NAMI	2	1.4	Nano-sensors; Negative ion technology for air purification
Total:	108	432.9	

- (e) We informed the LegCo Panel on Commerce and Industry (C&I Panel) on 17 June 2008 that we would conduct a mid-term review on the operation of the R&D Centres by mid-2009. We aim to brief the C&I Panel on the outcome of the mid-term review in April 2009, including any new measures which can facilitate the work of the R&D Centres e.g. in promoting technology transfer and commercialization of the R&D results.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

List of Projects which have Completed or are Undergoing Technology Transfer

	Project Title	Technology Areas	Approved ITF (HK\$m)
<i>R&D Centre for Information and Communications Technologies</i>			
1	Application Specific AMS IC Design Platform for Integrated CCD Image Sensor Processing	Communications Technologies	10.8
2	DTMB SFN Technology Adaptors and Systems	Communications Technologies	3.6
3	Advanced Wireless Super-Physical Layer for Wireless Personal Area Networking Core Technology Platform (Advanced WiSPHY for WPAN CTP)	Communications Technologies	13.9
4	Dualmode CWPAN/ZigBee RFIC Transceiver	Communications Technologies	9.7
5	Mobile WiMAX Basestation Technology Platform	Communications Technologies	15.0
6	Next Generation Anode Material for Lithium Ion Batteries (NALI)	Communications Technologies	9.0
7	Next Generation Antenna Sub-Assemblies	Communications Technologies	7.8
8	OFDM Core for Digital TV Applications	Communications Technologies	14.7
9	Practical MIMO for WiMAX/LTE Device	Communications Technologies	13.9
10	Thermal Energy Management with Advanced Materials and Structures	Communications Technologies	11.5
11	WiMAX Access Service Network Gateway (ASN-GW) Platform	Communications Technologies	13.2
12	iShare Media Sharing Platform	Enterprise & Consumer Electronics	8.0
13	Interactive TV Technologies Platform	Enterprise & Consumer Electronics	8.3
14	Mobile Peer Group Service Platform	Enterprise & Consumer Electronics	6.4
15	Social Networking Internet Tablet	Enterprise & Consumer Electronics	6.9
16	Flexible and Adaptive – Active Dynamic LED Backlight Control ASIC Development (FA-ADBC)	IC Designs	10.7
17	Integrated Driver Solution for LED Solid State Lighting (SSL)	IC Designs	8.2
18	Mixed Signal System-on-Chip (AMS SoC) Design Platform	IC Designs	8.1
19	A Novel Method of Removing Sapphire for Solid-state Lighting Power GaN LEDs	Material & Packaging Technologies	13.2
20	Advanced Compact Camera Module (ACCM) for Cellular Phone Applications	Material & Packaging Technologies	12.2

	Project Title	Technology Areas	Approved ITF (HK\$m)
21	LED Based Intelligent Outdoor Lighting System	Material & Packaging Technologies	9.5
22	Low-Cost Solution for High-Performance and High-Density Packaging	Material & Packaging Technologies	10.8
23	Reliability Engineering for 3D Packaging (REF3D)	Material & Packaging Technologies	13.6
<i>Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies</i>			
1	RFID Enablement Middleware for Enterprise Applications	Applications and decision support technology	10.5
2	Establishing an EPC Network Infrastructure to Enable End-to-End Supply Chain Visibility	Applications and decision support technology	14.1
3	Development of RFID Reader	RFID Tag and Reader Technology	4.6
<i>Automotive Parts and Accessory Systems R&D Centre</i>			
1	Development of Automobile Advanced Frontlight System	Vehicle Electronics	3.5

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)043

Question Serial No.

0996

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (2) Fostering University-Industry Collaboration

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: During 2009-10, the Commission will continue to administer the University-Industry Collaboration Programme (UICP) and monitor progress of the funded projects. Moreover, to encourage more private companies to collaborate with universities in undertaking R&D activities, the Commission is considering whether the geographical restriction of the Programme might be relaxed in 2009. Please inform this Committee:

- (a) What are the options for the relaxation of the geographical restriction of the Programme? What are the details of each option? Has the Commission inclined to support any option?
- (b) In considering the relaxation of the geographical restriction, will the Commission consult the views of universities and relevant industry? If yes, what are the details and timetable of consultation? If not, what are the reasons?
- (c) What is the earliest time for the Commission to make decision on the relaxation of the geographical restriction of the Programme?

Asked by: Hon. TAM Wai-ho, Samson

Reply: The UICP aims to encourage local enterprises and universities to collaborate in applied R&D, leveraging on the latter's research capability. At present, we require the majority of the R&D work to be conducted by the local universities. In his 2007-08 Budget Speech, the Financial Secretary outlined his plan to relax the geographical restrictions of the UICP so as to provide further impetus to the development of applied scientific research. Following consultation with local universities, trade and industry associations and LegCo in 2007 and 2008, we are finalizing a proposal to allow non-local universities to take part in UICP projects in order for the industry to capitalize on research expertise and strengths not available locally. We plan to brief the LegCo on this in April 2009.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)044

Question Serial No.

0997

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: During 2009-10, the Commission will pursue the exit of Applied Research Fund (ARF) projects through fund managers. Please inform this Committee:

- (a) What was the number of ARF projects exited through fund managers in 2008? What were the project titles, the investment amount of ARF and the time required for completing the exit procedure? What is the expected number of projects to complete the exit procedure in 2009?
- (b) At present, how many projects are waiting for exit? What are the projects titles, the investment amount of ARF, the waiting period, the reasons for waiting, and the estimated earliest time for exit?
- (c) Has the Commission conducted any comprehensive review on the operation and efficiency of the exit of ARF projects through fund managers? If yes, what are the review findings and follow-up work? If not, what are the reasons, and how will the Commission speed up the exit procedure?

Asked by: Hon. TAM Wai-ho, Samson

Reply: (a) Three ARF projects were exited through fund managers in 2008. A list of these projects and the investment sum is as follows:

Project	Investment
1. Development of computerized public payphones and kiosks	\$11 m
2. Provision of digital effects and 3D computer animation	\$8 m
3. Computer telephony applications	\$18.14 m

The time required for completing the exit procedure ranges from 8 months to 16 months. At present, 6 projects managed by fund managers are pending for exit. Given the current economic environment, it is difficult to set a concrete plan for the exit of these projects in 2009.

- (b) At present, 6 projects managed by fund managers are pending for exit. A list of these projects and the investment sum is as follows:

Project	Investment
1. Business-to-business e-commerce software and services	\$27.24 m
2. Electronic aggregation and distribution of Chinese language-based content	\$33.84 m
3. System integration, application hosting services	\$15.55 m

Project	Investment
4. Development of software applications and operating systems for embedded devices based on the Linux platform	\$7.8 m
5. Telecom system integration	\$7.8 m
6. Design IC chips with embedded Flash memory for consumer electronics applications	\$17.94 m

Given the current economic environment, it is difficult to set a concrete date for exit of these projects. Nevertheless, it is the ARF's strategy to divest its investment as soon as possible.

- (c) The Applied Research Council (ARC) reviews each exit proposal carefully. Over the years, the ARC has invested in 51 projects. As at end of February 2009, only 11 projects (5 by then Industry Department which are not managed by fund managers and 6 managed by fund managers) remain in ARC's investment portfolio. The ARC plans to divest most of its investment within the next few years. However, the ARC has not set a concrete date for exit given the uncertain financial circumstances and prevailing market climate. Given the ARC is currently operating in a winding down mode, we have not conducted a comprehensive review on the operation and efficiency of the exit of ARF projects through fund managers.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)045

Question Serial No.

0998

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (4) Planning for Innovation and Technology Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding assisting the Ministry of Science and Technology (MOST) in the implementation and monitoring of the State Key Laboratory (SKL) Scheme, please inform this Committee:

- (a) Currently, how many SKL projects are assisted by Hong Kong in the implementation and monitoring work? What are the research areas, projects and expenditure involved in these projects? What were the new projects implemented in 2008?
- (b) What is the estimated number of new projects to be implemented in 2009? What are the research areas, projects and expenditure involved?
- (c) Has the Administration evaluated the effectiveness and performance of the related work and the difficulties encountered? If yes, what were the results? Will the Administration adjust or revise the policy to assist MOST in the implementation and monitoring of SKL Scheme? What will be the direction of the policy adjustment or revision?

Asked by: Hon. TAM Wai-ho, Samson

Reply: In 2007, the Innovation and Technology Commission (ITC) has agreed to assist the Ministry of Science and Technology (MOST) in coordinating applications from local universities and research institutions to set up State Key Laboratories (SKLs) in Hong Kong. ITC received a total of 17 applications in end 2007. With the assistance of the Research Grants Council, initial assessments on the applications received were conducted and recommendations were submitted to MOST for consideration in 2008. We are now awaiting the decision from MOST regarding these applications and the future mode of operation of these laboratories (e.g. independently or in partnership with existing Mainland laboratories). As applications for setting up of SKLs received by ITC have yet to be approved by MOST, no projects have been conducted by SKLs in 2008 and we could not estimate the number of projects that would be implemented by SKLs in 2009.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)046

Question Serial No.

1005

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (3) Promotion of Technological Entrepreneurship

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: Please give detailed information on the expenditure of the Commission for various programmes in 2008-09.

Asked by: Hon. TONG Ka-wah, Ronny

Reply: The Commission provides funding support to technology-based entrepreneurial activities through the Small Entrepreneur Research Assistance Programme (SERAP) of the Innovation and Technology Fund (ITF) and the Applied Research Fund (ARF). The SERAP provides financing at the pre-venture capital stage for start-ups to carry out R&D activities and to conduct market validation. The ARF provides funding to technology companies in Hong Kong at the venture capital stage.

For the SERAP, we received and processed 59 applications in 2008-09. A total funding of \$24.8 m was approved for 27 projects. On the ARF, the Applied Research Council has ceased making new investments since March 2005 and it is now managing a portfolio of 11 projects.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)047

Question Serial No.

0670

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: —

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Budget Speech mentioned that the Administration will support local biotechnology research and development (paragraph 63), what are the concrete measures? Will the Administration enhance cooperation with the Mainland and the international community to develop joint research institute etc? Are there any new measures to foster university and industry collaboration? What are the resources involved?

Asked by: Hon. WONG Ting-kwong

Reply: Biotechnology is a science-based and knowledge-intensive technology area that has applications in many industries and great potential to improve our quality of life. Our aim is to continue supporting the development of biotechnology by nurturing a conducive environment for its growth. To achieve this, the \$5 b Innovation and Technology Fund (ITF), have been providing financial support to applied research and development (R&D) projects that contribute to innovation and technology upgrading in biotechnology-based industries. Since the inception of ITF in 1999, a total of 140 biotechnology-related research projects have been approved with funding support amounting to some \$322 m. Projects funded cover a wide array of research areas, ranging from bioinformatics, molecular diagnostics, genomics, healthcare and medical device, drugs and therapeutics discovery and development, modernization of traditional Chinese medicine, food safety, industrial biotechnology, as well as activities/conferences that help to facilitate knowledge exchange and introduce new technologies to Hong Kong.

Under the ITF, the University and Industrial Support Programme is a funding scheme intended to stimulate private sector interest in R&D through leveraging the knowledge and resources of universities. The emphasis is on close collaboration between private companies and universities in Hong Kong. There are 3 schemes under this programme:

- (a) The Teaching Company Scheme - to foster university-industry partnership by supporting local companies to take on graduate students from local universities to assist in proprietary R&D work;
- (b) The Matching Grant for Joint Research - to foster private companies to collaborate with universities in proprietary R&D projects; and
- (c) The Industrial Research Chair Scheme - to assist universities and industry to develop research efforts in areas in response to industrial needs and not yet developed in Hong Kong but for which there is good development potential in the longer term.

So far, a total of 38 industry-university collaborating R&D projects on biotechnology have been supported, involving some \$64 m. Some of these projects involved collaborations with overseas universities as well as Mainland companies.

A sound technological infrastructure is essential for innovation and technology enterprises to flourish. The Hong Kong Science and Technology Parks Corporation has been offering one-stop infrastructure support services to technology-based companies and activities. It also offers a comprehensive range of services to cater for the needs of industry at various stages, ranging from nurturing technology start-ups through incubation programme, providing premises and services in the Science Park for applied R&D activities, to providing land and premises in the industrial estates for production. The Bio-informatics Centre in Phase 1 of the Science Park provides office space to biotechnology start-ups and companies. In addition, 2 purpose-built buildings with laboratory facilities will be dedicated to support biotechnology R&D in the Science Park Phase 2.

First launched in 2004 jointly with the Guangdong Department of Science and Technology, the Guangdong/Hong Kong Technology Co-operation Funding Scheme serves to enhance the collaboration between R&D institutions and industry, and to promote the upgrading of the industry in the Greater Pearl River Delta region. By the end of 2008, we have provided a total funding of nearly \$65 m to 21 biotechnology-related R&D projects under this scheme.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)048

Question Serial No.

1368

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: (1) Support for Research and Development

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: For issues of R&D and design, please inform this Committee:

- (a) In the past year, i.e. 2008-09, how much funding was provided for R&D and design?
- (b) How many projects were funded? Please provide details for each category.
- (c) What are the economic benefits of the above-mentioned projects?

Asked by: Hon. WONG Ting-kwong

Reply: The Innovation and Technology Commission (ITC) supports local R&D and design through the Innovation and Technology Fund (ITF) and the Design Support Programme (DSP) under the DesignSmart Initiative (DSI). In 2008, 172 projects and 99 projects respectively under the ITF and DSP were approved at a funding of \$614.8 m. Details are as follows-

	Approved Project	Approved Funding (\$m)
Innovation and Technology Fund		
Innovation and Technology Support Programme	143	543.3
University-Industry Collaboration Programme	9	7.5
General Support Programme	3	14.2
Small Entrepreneur Research Assistance Programme	17	21.3
Sub-total	172	586.4
Design Support Programme		
Design-Business Collaboration Scheme	90	6.0
Design Research Scheme	-	-
General Support Scheme	6	19.7
Professional Continuing Education Scheme	3	2.8
Sub-total	99	28.4
Total	271	614.8

In 2008-09, a provision of \$3.7 m under the DSI was provided to InnoCentre for running the Design Incubation Programme.

Over the years, the Innovation and Technology Support Programme and DSI have funded more than 900 projects to promote innovation and technology upgrading in industry as well as wider use of design in both industrial and business processes. However, we are not able to quantify the economic benefits arising from these projects because it often takes a long time and an elaborated process to put the project results into industry and business applications via commercialisation and technology transfer. With the establishment of the R&D Centres in 2006, we should be in a better position to promote commercialisation of the project results and keep track of progress.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)049

Question Serial No.

2721

Head: 155 - Government Secretariat : Subhead
Innovation and Technology (No. & title):
Commission

Programme: -

Controlling Officer: Commissioner for Innovation and Technology

Director of Bureau: Secretary for Commerce and Economic Development

Question: As mentioned in paragraph 33 of the 2009-10 Budget Speech, Guangdong and Hong Kong have agreed to focus on 4 priority areas of co-operation, namely: the financial industry; service industries; infrastructure and town planning; and, innovation and technology to complement with the "Outline of the Plan for the Reform and Development of the Pearl River Delta" (the Outline) published by the National Development and Reform Commission in January this year. How will the Bureau promote innovation and technology collaboration between Guangdong and Hong Kong? What are the concrete plans? What are the resources and manpower deployed to speedily implement the Outline so as to seize the opportunities brought forth by the Outline?

Asked by: Hon. WONG Ting-kwong

Reply: As regards the promotion of innovation and technology collaboration between Guangdong and Hong Kong to complement the "Outline of the Plan for the Reform and Development of the Pearl River Delta", the Innovation and Technology Commission (ITC) will discuss with the Guangdong authorities with a view to formulating a work plan for implementation.

Currently, ITC has been promoting closer technology collaboration between Hong Kong and Guangdong through various initiatives such as the Shenzhen-Hong Kong Innovation Circle and the Guangdong-Hong Kong Technology Co-operation Funding Scheme. Since the introduction of the funding scheme in 2004 and up to end 2008, Hong Kong has supported 114 applied research and development co-operation projects with a total funding of about \$460 m through the scheme. These initiatives are supported by staff from various professions within the ITC, such as administrative officers, scientists, engineers and trade officers, amongst their other duties.

Name in block letters Eddy Chan

Post Title Commissioner for Innovation and Technology

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)050

Question Serial No.

0846

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Administration has indicated that it will co-operate with Shenzhen under the Shenzhen-Hong Kong Innovation Circle. Please inform this Committee of the development framework for the Shenzhen-Hong Kong Innovation Circle and financial arrangements required.

Asked by: Hon. CHAN Tanya

Reply: Facilitating the co-operation between the Information and Communications Technology (ICT) enterprises in Hong Kong with their counterparts in the Pearl River Delta region is important to the growth of the ICT industry in Hong Kong. The Shenzhen-Hong Kong Innovation Circle is one of the platforms co-ordinated by the government to facilitate such co-operation.

The Innovation and Technology Commission (ITC) is the lead agency for the Shenzhen-Hong Kong Innovation Circle initiative. The Office of the Government Chief Information Officer advises on the information technology aspects of the initiative and is a member of the Steering Group chaired by the Secretary for Commerce and Economic Development.

According to ITC, the Government will continue to jointly fund co-operative research projects with Shenzhen through the Guangdong-Hong Kong Technology Co-operation Funding Scheme under the Innovation and Technology Fund. Furthermore, to further encourage co-operation in technology development and transfer in areas such as radio frequency identification (RFID) technology, the two governments will formulate an action plan under the Shenzhen-Hong Kong Innovation Circle for the next three years.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)051

Question Serial No.

0847

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: How much resources will the Administration deploy to implement digital inclusion programmes?

Asked by: Hon. CHAN Tanya

Reply: A collaborative approach has been adopted in taking forward digital inclusion initiatives involving resources from various Government departments, non-government organisations (NGOs) and the private sector.

In 2009-10, the Office of the Government Chief Information Officer has earmarked about \$80 on the following major digital inclusion initiatives –

- A one-year territory-wide Internet education campaign to educate Internet users, especially young students, on the appropriate and safe use of the Internet;
- Expansion of the pilot scheme of District Cyber Centres (DCCs) to enable needy groups in more districts to enjoy the services of the DCCs;
- Information and communications technology (ICT) training programme for small and medium enterprises (SMEs) in specific sectors; and
- A dedicated portal providing one-stop information and service in respect of the interests and needs of the elderly.

Examples of digital inclusion initiatives of other government bureaux/departments, NGOs and private sector include–

- The Central Fund for Personal Computer set up by the Social Welfare Department to assist people with disabilities to acquire personal computer facilities for self-employment or receiving supported employment service at home;
- The Computer Recycling Programme coordinated by the Education Bureau and the Environment Protection Department to provide refurbished computers with one-year free Internet access service to needy students;
- The Digital Solidarity Fund administered by the Hong Kong Council of Social Service to sponsor digital inclusion projects by NGOs for different needy groups; and
- Recently, a leading Internet service provider also sponsored a broadband donation program to low-income families with primary or secondary students. The program offers two years of free broadband Internet connection service targeting to benefit 1 000 needy families.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)052

Question Serial No.

2400

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding “the implementation of other digital inclusion programmes with reference to the strategies and initiatives formulated by the task force on digital inclusion”, please provide the following information:

- (a) Is there any assessment on the total expenditure involved for including broadband Internet access service charge in the basic expenses of Comprehensive Social Security Assistance (CSSA) Scheme? If yes, what is the annual expenditure?
- (b) Is there any consideration to include broadband Internet access service charge in the basic expenses of Comprehensive Social Security Assistance (CSSA) Scheme? If yes, when will the plan be implemented? If no, what are the reasons?

Asked by: Hon. CHAN Tanya

Reply: (a) & (b) The CSSA Scheme mainly aims at helping recipients meet their basic daily needs. At present, the average CSSA monthly payment for a 4-person CSSA family without any income is \$9,920. CSSA families can flexibly deploy their CSSA monthly payments to procure goods and services according to their own circumstances and needs. Furthermore, free computers and Internet facilities are also available to the public, including CSSA recipients, at various locations across the territory such as youth centres and public libraries. Access to many of these facilities is available even in evenings or during weekends.

There are also measures specifically targeted at providing the Internet connections to needy groups. Current initiatives include –

- The Housing Authority (HA) has made available facilities in public rental housing estates for service providers to provide free Wi-Fi services to HA tenants in around 150 public rental housing estates;
- About 5 800 public computers with Internet connection have been installed at various places including public libraries and youth and social centres, for free public access;
- The Education Bureau (EDB) in partnership with the Environmental Protection Department launched in February 2009, a “Computer Recycling Programme” for needy students of primary and secondary school. Under the programme, refurbished computer together with one-year free Internet access service would be provided to successful applicants.;
- The EDB has also granted recurrent subsidy to all primary and secondary schools since the 1999-2000 school year to encourage them to open computer rooms and facilities for the use of needy students after school;

- The Office of the Government Chief Information Officer has sponsored \$4.7 m to kick-start the pilot scheme of District Cyber Centres (DCCs), to provide computer hardware and software, Internet connections, training and content to children from low income families and other needy local residents. Under the initial pilot operation, free Internet access facilities are installed in district cyber centres and a library of laptop computers equipped with free wireless Internet access are available for loan to the needy groups in districts. We plan to expand the coverage of the pilot scheme in 2009-10 to enable more needy groups in different districts to enjoy the services of the DCCs; and
- Recently, a leading Internet service provider also sponsored a broadband donation program to low-income families with primary or secondary students. The program offers two years of free broadband Internet connection service targeting to benefit 1 000 needy families.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)053

Question Serial No.

2401

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the Government's plan to "continue to enhance IT security awareness in the Government; review and enhance the government IT security-related regulations, policies and guidelines to keep abreast of the technology advancement and development of international best practices in information security management, and complete the programme of centrally managed security audits for bureaux/departments (B/Ds)", please indicate:

- (a) In the past three years (i.e. 2006-07 to 2008-09), what were the expenditures incurred for IT security within the Government?
- (b) What is the estimated expenditure for IT security within the Government in 2009-10?
- (c) What "international best practices" does the Government currently follow in managing information security system?
- (d) How many departments have been following these "international best practices" in managing their information security system?

Asked by: Hon. CHAN Tanya

Reply: The Government is committed to upholding our security posture and monitoring the compliance by all B/Ds with the security requirements. The Government's security requirements are stated in the Security Regulations, Baseline IT Security Policies, and information security guidelines, procedures and circulars, which all staff are obliged to follow. The Office of the Government Chief Information Officer (OGCIO)'s IT security team provides support to Government's various internal programmes and takes part in community-wide initiatives on information security.

- (a) – (b) Information security is a mandatory requirement in all Government systems and is typically incorporated as part and parcel into the development and maintenance requirements of information systems. We do not maintain a separate breakdown of such expenditures on information security, which are often integrated with the cost of other IT components.

There are also projects that are directly related to information security purposes such as implementing a security enhancement programme or conducting a security risk assessment. The relevant expenditures in 2006-07, 2007-08 and 2008-09 were \$8.2 m, \$15.4 m and \$25.3 m respectively for all government B/Ds. For 2009-10, a budget of \$15 m has been approved for such projects.

OGCIO manpower involved in promoting IT security awareness and other supporting activities in 2009-10 will be 9 staff in our IT security team. The expenditure on such activities in the past three years was \$2.2 m, \$3.99 m and \$6.96 m and the budget in 2009-10 is \$6.51 m. Individual B/Ds will also deploy manpower and incur departmental expenditure for implementing security measures and training etc.

- (c) When establishing and reviewing the Government's security requirements including the IT security-related regulations, policies and guidelines, we make reference to the latest technology advancement and international best practices/standards such as ISO27002 (published by International Organisation for Standardisation) and COBIT (Control Objectives for Information and related Technology).
- (d) All B/Ds are obliged to comply with the Government's security requirements, which were developed with reference to local and international best practices.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)054

Question Serial No.

2402

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the campaign to educate young students on the appropriate and safe use of the Internet, the Financial Secretary has stated in his budget speech that such campaign will create about 500 jobs (para 27(4)). Please indicate:

- (a) What are the details of the 500 jobs created, including job nature and monthly salary of each type of jobs?
- (b) Among the 500 job vacancies, how many of them require a tertiary education qualification in information technology?
- (c) What are the details of the territory-wide campaign, including titles and nature of the activities, tentative launching dates, estimated expenditure and number of participants?

Asked by: Hon. CHAN Tanya

Reply: (a) Our plan is to engage Non-Government Organisations (NGOs) in planning and executing the campaign. We have invited youth-related NGOs to submit proposals on the planning and execution of the campaign. It is expected that there will be partnership among NGOs, schools, parent-teacher organizations and community organisations.

We estimate that the campaign will create some 500 temporary jobs in the NGOs for about one year in the areas of programme management, event organisation, IT training and technical support requiring expertise at different level. More details including job nature and salary etc. will be further developed in accordance with the proposals from interested NGOs.

- (b) Same as (a).
- (c) We have earmarked \$63 m for the campaign which will include large-scale promotion events, roving exhibitions and training in districts, school talks, inter-school activities, telephone hotline support, home visit technical assistance, etc. The campaign will cover a wide range of issues such as respect for personal data privacy and intellectual property rights, avoidance of Internet addiction, and protection against virus attack.

Targets of the campaign are students of primary and junior secondary schools as well as their parents and teachers. According to the statistics from the Education Bureau of the 2007-08 school year, there are some 386 000 students in 631 primary schools, and some 253 000 students in S1 to S3 in 527 secondary schools. The campaign also aims to help parents and teachers to acquire the knowledge and skill to provide guidance to their children and students. More details about the implementation schedule of the campaign would be further developed in accordance with the proposals from interested NGOs.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)055

Question Serial No.

2403

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the Government's plan to "set up a task force on industry facilitation to facilitate the development of the ICT industry in exploring and developing the regional and global markets", please indicate:

- (a) When will the task force on industry facilitation be set up? What are the manpower and expenditure involved annually?
- (b) What is the specific work plan for the task force in the coming year (i.e. 2009-10), including measures to assist the ICT industry in exploring and developing the regional and global markets?

Asked by: Hon. CHAN Tanya

- Reply:
- (a) The Task Force on Industry Facilitation (Task Force) is being set up with representatives from the industry, non-government organisations and the Government, and is expected to have its first meeting in March 2009. Secretariat support for the Task Force will be absorbed by the Office of the Government Chief Information Officer involving manpower equivalent to about 1 full-time person.
 - (b) In 2009-10, the Task Force will be invited to advise the Government on the promotion of the information and communication technology (ICT) sector including brand-building, and the exploration and development of the regional and global markets, and measures to facilitate collaboration amongst ICT enterprises in the Pearl River Delta region.

Name in block letters Jeremy Godfrey
Post Title Government Chief Information Officer
Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)056

Question Serial No.

2404

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the implementation of Computer Emergency Response Centre (CERC) regime, please indicate:

- (a) What is the new CERC regime?
- (b) What is the CERC's expenditure in 2009-10? What is the mode of funding?
- (c) Will the Government consider the possibility of providing recurrent funding for the regime? If not, what are the reasons?

Asked by: Hon. CHAN Tanya

Reply: The Office of the Government Chief Information Officer (OGCIO) completed an institutional review of the Computer Emergency Response Centre (CERC) services in Hong Kong in 2008. It confirmed the continued need for the services and recommended enhancements to the services.

- (a) The Hong Kong Computer Emergency Response Team Coordination Centre (HKCERT) will deliver services with enhancements with the existing structure of 6 staff under the Hong Kong Productivity Council (HKPC).
- (b) In 2009-10, the total operating expenditure of the HKCERT will be around \$7.3 m. This will be funded by OGCIO.
- (c) The government provides recurrent funding for the operation of the CERC services.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)057

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Question Serial No.

2405

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Referring to the Government Wi-Fi (GovWi-Fi) Programme, please inform up to end of 2008,

- How many Wi-Fi hotspots have been set up by the Government? Please provide the list by 18 Districts.
- What will be the total number of Wi-Fi hotspots installed by completion of the GovWi-Fi programme? Please provide the list by 18 Districts.
- What is the total expenditure of setting up all these hotspots?

Asked by: Hon. CHAN Tanya

Reply: (a) and (b) By the end of 2008, we had set up Wi-Fi hotspots at 256 government premises. The installation programme is still in progress and we are planning a new phase to extend the service to some additional premises. According to current plan, by the time the whole programme is completed, Wi-Fi hotspots will be installed at 384 government premises. A detailed breakdown of these premises by districts is given below:

Districts	Number of Premises (Hotspots)	
	Position as at end 2008	Estimate by Programme Completion in March 2010
Hong Kong Island		
Central & Western	27	36
Eastern	16	27
Southern	14	22
Wanchai	17	28
<i>Sub-Total</i>	74	113
Kowloon		
Kowloon City	11	16
Kwun Tong	20	27
Sham Shui Po	20	27
Wong Tai Sin	18	18
Yau Tsim Mong	21	38
<i>Sub-Total</i>	90	126
The New Territories		
Islands	11	15
Kwai Tsing	9	15
North	9	17
Sai Kung	3	13
Sha Tin	14	21
Tai Po	13	14
Tsuen Wan	9	14

Districts	Number of Premises (Hotspots)	
	Position as at end 2008	Estimate by Programme Completion in March 2010
Tuen Mun	13	16
Yuen Long	11	20
<i>Sub-Total</i>	92	145
Total	256	384

- (c) The total expenditure for setting up the required hotspots is estimated to be about \$124 m.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)058

Question Serial No.

2406

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the introduction of “myGovHK” on the Government portal, please indicate:

How many phases are there to implement the programme? What are the roll-out timeframe, features and expenditure involved for each phase?

Asked by: Hon. CHAN Tanya

Reply: With a view to providing citizens with the services they need in an efficient and convenient manner, which is as pleasurable and straightforward as dealing with the most customer-friendly organisations in the commercial and voluntary sectors as stated in our Statement of Desired Outcome under the Digital 21 Strategy, we plan to continuously enhance the user experience on GovHK.

Under a new “myGovHK” programme, we plan to roll out a personalised interface on GovHK commencing in 2010 to better meet the needs of the users. The key features under consideration include personalised myGovHK accounts to facilitate users to have the choice of accessing registered public services with minimum number of logins; personalised portal to show Government services and news feeds already subscribed and personalised preferences on user interface; as well as personalised messaging services to receive government bills, reminders or messages relating to government services.

We will adopt a modular approach in implementing the above enhancements. We plan to roll out four initiatives in 2010, namely Multiple Application Registration Service that allows users to use one set of user name and password to access a selection of online services; personalised portal; a middleware platform for bureaux/departments to provide common value added services in delivering messages to the public; as well as privacy impact assessment and security risk assessment. It is estimated that expenditure on each of these initiatives will be less than \$10 m.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)059

Question Serial No.

2948

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the formulation of policy on promoting Hong Kong as a data centre hub, please inform this Committee:

- (a) Over the past three years (2006 to 2008), has the Government received requests for assistance from data centres because they could not identify suitable sites? If yes, what are the relevant figures and details?
- (b) Will the Government conduct surveys on the demand for data centres to understand whether the supply is insufficient and whether there is a need to revise the existing policy to tie in with the development of data centres?
- (c) What are the specific tasks, timetable and estimated expenditure for formulating the policy?
- (d) Will the views of the industry be sought on the policy? If yes, what are the specific arrangements?

Asked by: Hon. CHAN Tanya

- Reply:
- (a) Three overseas companies have approached Invest Hong Kong for assistance in finding the appropriate space for their data centre projects.
 - (b) Innovation and Technology Commission has commissioned a consultancy study to look into issues relating to the development of data centres in Hong Kong including the demand and supply of data centres, related existing land policy and measures to promote the development of data centres. It expects to finalise the study in the first half of 2009.
 - (c) The consultancy study findings will be reported to the Digital 21 Strategy Advisory Committee in May 2009 where representatives from the industry will render their views on the subject. The policy will be formulated following consideration of the consultancy study findings and the views of the industry. The cost of the consultancy study is \$1,288,000.
 - (d) (Same as (c))

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)060

Question Serial No.

0274

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Please provide the utilisation (such as counts of web pages or information viewed by the public) of the Government Wi-Fi (GovWiFi) programme since its launch in early 2008 and the expenditure involved.

Asked by: Hon. HO Chung-tai, Raymond

Reply: The GovWiFi programme provides free Internet access service for the public at Government locations with a high number of visitors. The programme provides convenience to the public and has helped stimulate the deployment of public Wi-Fi access points by the private sector. As we do not monitor the information accessed by the public, we do not maintain counts on web pages or information viewed by the public. Instead, our key measurement of service utilisation is on the number of Internet connections provided to the public. Since its launch in early 2008, the GovWiFi programme has supported over 867 000 Internet connection sessions. The total number of connections provided per month has increased from 20 000 in April 2008 to 134 000 in February 2009. We expect this rate will continue to grow with the further extension of the programme to cover additional sites and the increase in take up of Wi-Fi devices by the public.

As of February 2009, the cumulative expenditure of the GovWiFi programme is around \$81 m, of which \$79.1 m and \$1.9 m are one-off implementation and on-going support expenditures respectively.

Name in block letters Jeremy Godfrey
Post Title Government Chief Information Officer
Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)061

Question Serial No.

0706

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: There are frequent leakages of classified information by government departments on the Internet in 2008-09. What are the specific plans to solve the problem? What are the manpower and expenditure involved?

Asked by: Hon. IP LAU Suk-ye, Regina

Reply: The Government's security requirements are stated in the Security Regulations, Baseline IT Security Policies, and information security guidelines, procedures and circulars, which all staff are obliged to follow. The Office of the Government Chief Information Officer (OGCIO) IT security team provides support to the Government's various internal programmes and takes part in community-wide initiatives on information security.

We are taking a multi-pronged approach in enhancing information security and preventing data leakage on the Internet. We have tightened the control over the use and security protection of portable electronic devices for carrying classified official data and for working outside office using personal computers. For example, we have issued additional warning on the use of privately owned computers for office work and guidelines to clean up such computers if necessary. We have also facilitated bureaux/departments (B/Ds) in acquiring technical solutions for data protection, e.g. encryption tools and secure data network services. The OGCIO will enhance the Government's Internet email delivery mechanism to reduce the chance of sensitive information leakage. Besides, we will continue to conduct the centrally managed audit on all B/Ds on their compliance with the Government's security requirements.

The Government also places great importance on improving staff awareness, knowledge and best practices on information security. The OGCIO is conducting a comprehensive review of the security regulations, policies and guidelines to improve the control and compliance by B/Ds. In addition, we have launched a staff communication programme in February 2009 to enhance staff awareness and understanding of the Government's security requirements as well as maintain their continuous commitment to comply with these requirements.

The OGCIO manpower involved to perform these activities in 2009-10 will be nine staff in our IT security team. In addition, our expenditure budget in 2009-10 for the above activities is \$6.51 m. Individual B/Ds also have to deploy manpower and incur departmental expenditure for implementing security measures and training etc.

The Government also incurs capital expenditure on information security. So far \$15 m of projects directly related to information security have been approved under the block vote provision for IT projects for 2009-10. In addition, information security is a mandatory requirement in all Government systems and is typically incorporated as part and parcel into the development and maintenance requirements of information systems. We do not maintain a separate breakdown of such expenditure on information security, which is often integrated with the cost of other IT components.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)062

Question Serial No.

0707

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: What are the specific measures taken by the Administration to widen the adoption of information technology in the community? What are the manpower and expenditure involved? How effective are these measures?

Asked by: Hon. IP LAU Suk-ye, Regina

Reply: Over the past ten years from 1998 to 2008, our household personal computer (PC) penetration rate has increased from about 35% to 75% while the household Internet penetration rate has increased from about 12% to 71%. However, there is a big gap between the under-privileged groups and the rest of the community.

To ensure that a holistic approach is taken in tackling the digital divide issue, the Government has set up a Digital Inclusion Task Force comprising representatives from relevant government departments as well as industry and community stakeholders to formulate strategies and initiatives for digital inclusion.

The Office of the Government Chief Information Officer (OGCIO) has established a dedicated division, led by a Chief Systems Manager and underpinned with 10 non-directorate IT professional grade staff, to widen the adoption of information technology in the community with specific focus on the digital inclusion of the under-privileged groups.

A collaborative approach has been adopted in taking forward digital inclusion initiatives involving resources from various government departments, non-government organizations (NGOs) and the private sector.

In 2009-10, OGCIO has earmarked about \$80 m on the following major digital inclusion initiatives –

- A one-year territory-wide Internet education campaign to educate Internet users, especially young students, on the appropriate and safe use of the Internet;
- Expansion of the pilot scheme of District Cyber Centres (DCCs) to enable needy groups in more districts to enjoy the services of the DCCs;
- Information and communications technology (ICT) training programme for small and medium sized enterprises (SMEs) in specific sectors; and
- A dedicated portal providing one-stop information and service in respect of the interests and needs of the elderly.

Examples of digital inclusion initiatives of other government bureaux/departments, NGOs and private sector include –

- The Central Fund for Personal Computer set up by the Social Welfare Department to assist people with disabilities to acquire personal computer facilities for self-employment or receiving supported employment service at home;
- The Computer Recycling Programme coordinated by the Education Bureau and the Environment Protection Department to provide refurbished computers with one year free Internet access service to needy students;
- The Digital Solidarity Fund administered by the Hong Kong Council of Social Service to sponsor digital inclusion projects by NGOs for different needy groups; and
- Recently, a leading Internet service provider also sponsored a broadband donation program to low-income families with primary or secondary students. The program offers two years of free broadband Internet connection service targeting to benefit 1 000 needy families.

In 2005-06, OGCIO commissioned a study to develop a framework for assessing the degree of digital inclusiveness of different needy groups in Hong Kong by means of a Comprehensive Digital Inclusion Index (CDII). We have measured the Index on a pilot basis and are now finalising the framework with a view to measuring the CDII regularly. This will be a useful means to help us assess the effectiveness of various digital inclusion measures.

Name in block letters	<u>Jeremy Godfrey</u>
Post Title	<u>Government Chief Information Officer</u>
Date	<u>17.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)063

Question Serial No.

0708

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: What are the detailed plans of the Administration to launch the territory-wide campaign to educate Internet users on the appropriate and safe use of the Internet? What are the manpower and expenditure involved?

Asked by: Hon. IP LAU Suk-ye, Regina

Reply: The territory-wide campaign will include large-scale promotion events, roving exhibitions and training in districts, school talks, inter-school activities, telephone hotline support, home visit technical assistance, etc. The campaign will cover a wide range of issues such as respect for personal data privacy and intellectual property rights, avoidance of Internet addiction, and protection against virus attack.

Targets of the campaign are students of primary and junior secondary schools as well as their parents and teachers. According to the statistics from the Education Bureau of the 2007-08 school year, there are some 386 000 students in 631 primary schools, and some 253 000 students in S1 to S3 in 527 secondary schools. The campaign also aims to help parents and teachers to acquire the knowledge and skill to provide guidance to their children and students.

Our plan is to engage Non-Government Organisations (NGOs) in planning and executing the campaign. We have invited youth-related NGOs to submit proposals on the planning and execution of the campaign. It is expected that there will be partnership among NGOs, schools, parent-teacher organisations and community organisations.

We have earmarked \$63 m for the campaign. We estimate some 500 temporary jobs in the NGOs for about one year in the areas of programme management, event organisation, IT training and technical support will be created for the execution of the campaign.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)064

Question Serial No.

0709

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Provision for 2009-10 is \$65 m higher than the revised estimate for 2008-09 with an increase of 161.3%. What is the percentage of the territory-wide campaign to educate Internet users on the appropriate and safe use of the Internet among the overall increase? Are there any other reasons for the increase? If yes, what are the details?

Asked by: Hon. IP LAU Suk-ye, Regina

Reply: We have earmarked \$63 m for the one-year territory-wide Internet education campaign. This accounts for 97% of the increase of \$65 m in the 2009-10 provision. The rest of the increase is due to a general increase in departmental expenses to facilitate other relevant digital inclusion initiatives, e.g. expansion of the pilot scheme of District Cyber Centres (DCCs) and the Elderly Portal initiative.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)065

Question Serial No.

2976

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Administration will launch a one-year territory-wide campaign to educate Internet users, especially young students, on the appropriate and safe use of the Internet. What are the details of the campaign (including the content of the programme, the number of beneficiaries and the breakdown of expenditure)?

Asked by: Hon. LEUNG Mei-fun, Priscilla

Reply: The territory-wide campaign will include large-scale promotion events, roving exhibitions and training in districts, school talks, inter-school activities, telephone hotline support, home visit technical assistance, etc. The campaign will cover a wide range of issues such as respect for personal data privacy and intellectual property rights, avoidance of Internet addiction, and protection against virus attack.

Targets of the campaign are students of primary and junior secondary schools as well as their parents and teachers. According to the statistics from the Education Bureau of the 2007-08 school year, there are some 386 000 students in 631 primary schools, and some 253 000 students in S1 to S3 in 527 secondary schools. The campaign also aims to help parents and teachers to acquire the knowledge and skill to provide guidance to their children and students.

Our plan is to engage Non-Government Organisations (NGOs) in planning and executing the campaign. We have invited youth-related NGOs to submit proposals on the planning and execution of the campaign. It is expected that there will be partnership among NGOs, schools, parent-teacher organizations and community organizations.

We have earmarked \$63 m for the campaign. We estimate some 500 temporary jobs in the NGOs for about one year in the areas of programme management, event organisation, IT training and technical support will be created for the execution of the campaign.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)066

Question Serial No.

1717

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: According to paragraph 27 of the Budget Speech, the Government will earmark \$63 m to launch a one-year territory-wide campaign to educate Internet users, especially young students, on the appropriate and safe use of the Internet. Please provide details of the campaign, including its target, the provision allocation for educating primary, secondary, and tertiary school students, and other age groups

Asked by: Hon. SHEK Lai-him, Abraham

Reply: The territory-wide campaign will include large-scale promotion events, roving exhibitions and training in districts, school talks, inter-school activities, telephone hotline support, home visit technical assistance, etc. The campaign will cover a wide range of issues such as respect for personal data privacy and intellectual property rights, avoidance of Internet addiction, and protection against virus attack.

Targets of the campaign are students of primary and junior secondary schools as well as their parents and teachers. According to the statistics from the Education Bureau of the 2007-08 school year, there are some 386 000 students in 631 primary schools, and some 253 000 students in S1 to S3 in 527 secondary schools. The campaign also aims to help parents and teachers to acquire the knowledge and skill to provide guidance to their children and students.

Our plan is to engage Non-Government Organisations (NGOs) in planning and executing the campaign. We have invited youth-related NGOs to submit proposals on the planning and execution of the campaign. It is expected that there will be partnership among NGOs, schools, parent-teacher organisations and community organisations.

We have earmarked \$63 m for the campaign, We estimate some 500 temporary jobs in the NGOs for about one year in the areas of programme management, event organisation, IT training and technical support will be created for the execution of the campaign.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)067

Question Serial No.

1968

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the promotion of adopting IT within the Government, please indicate:

- (a) What are the specific measures to enhance IT security awareness in government bureaux/departments (B/Ds)? What are the details of these measures and the related expenditure and manpower involved? What are the new measures introduced in 2009?
- (b) Details and time schedule of reviewing regulations, policies and guidelines regarding government IT security.
- (c) What are the specific measures to keep abreast of the technology advancement and development of international best practices in information security management? Please give an account of the details, expenditure and manpower involved, as well as the new measures introduced in 2009.
- (d) Progress of the programme for centrally managed security audits on government B/Ds. When will the audit programme be completed at the earliest? Will the audit results be published? What is the next follow-up action after the completion of the programme?

Asked by: Hon. TAM Wai-ho, Samson

Reply: (a) The Government places great importance on improving staff awareness, knowledge and best practices on information security. The Office of the Government Chief Information Officer (OGCIO)'s IT security team provides support to Government's various internal programmes and takes part in community-wide initiatives on information security.

OGCIO conducts regular briefings on information security to government staff to enhance their understanding on security requirements and facilitate B/Ds in training their staff. Since early 2009, we have launched a staff communication programme to escalate the understanding of staff of Government's security requirements as well as maintain their continuous commitment to comply with these requirements.

OGCIO manpower involved to perform these activities in 2009-10 will be 9 staff in our IT security team. In addition, our expenditure budget in 2009-10 for the above activities is \$6.51 m. Individual B/Ds will also deploy manpower and incur departmental expenditure for implementing security measures and training etc.

The Government also incurs capital expenditure on information security. So far, \$15 m of projects directly related to information security have been approved under the block vote provision for IT projects for 2009-10. In addition, information security is a mandatory requirement in all Government systems and is typically incorporated as part and parcel into the development and maintenance requirements of information systems. We do not maintain a separate breakdown of all expenditures on information security, which are often integrated with the cost of other IT components.

- (b) OGCIO is conducting a comprehensive review of the security regulations, policies and guidelines to improve the control and compliance by B/Ds. We expect this review to be completed by September 2009.
- (c) In designing and reviewing our information security regulations, guidelines and procedures, we always make reference to prevailing international best practices, standards and technology developments. This is done through a combination of research, participation in relevant conferences and seminars, as well as engaging professional services where applicable. In 2009-10, the expenditure budget for this purpose is \$1.31 m out of the \$6.51 m mentioned in the response to (a) above.
- (d) The centrally managed audit on all B/Ds will be completed by mid-2009. The audit results and recommendations will be shared with the concerned B/Ds. OGCIO IT Security Team will continue to monitor the progress in B/Ds arising from these audits.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)068

Question Serial No.

1969

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the co-ordination with the Tamar Central Government Complex design-and-build project director, contractor, and related bureaux/departments on the establishment of IT infrastructure and communal IT facilities/services to facilitate the provision of a collaborative working environment, what difficulties has the Administration encountered so far? What are the contingency measures? What are the key jobs to be handled in 2009? What are the expenditure and manpower involved?

Asked by: Hon. TAM Wai-ho, Samson

Reply: The technologies and work processes supporting a collaborative working environment are evolving very fast. This means that we need to specify IT facilities that will be future proof and cost effective without knowing precisely what applications will need to be supported at the time of deployment. We have therefore adopted a flexible design for the IT infrastructure which will enable access to a campus-wide Intranet by fixed and wireless networks, software-configurable local area networks for flexible deployment within office and connectivity to the Government backbone network for communication with bureaux and departments located in other government offices.

As the construction works for IT infrastructure of the Tamar Central Government Complex (CGC) will commence later in 2009, our key tasks in the year include confirmation of the detailed design of the IT infrastructure with the design-and-build contractor and the Architectural Services Department; planning of the communal IT facilities and services in CGC. We are also going to design the supporting applications in line with the emerging electronic information management (EIM) strategies of the Government.

The capital cost for the provisioning of IT infrastructure and network cabling services in the CGC has been incorporated in the Tamar Development Project Design-and-Build contract. So far, the Office of the Government Chief Information Officer has deployed six staff to provide IT advice to CGC project. We expect additional IT projects to be initiated for the development of application systems and EIM initiatives to support the operations and collaborative environment there. These will be separately estimated in due course.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)069

Question Serial No.

1977

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2009-10, the Office of the Government Chief Information Officer will commence implementation of the new Computer Emergency Response Centre (CERC) regime as recommended in the institutional review. Please indicate:

- (a) What are the specific institutional review recommendations?
- (b) What is the new CERC regime? What is the difference between the new regime and the existing regime? What are the additional and cancelled services in the new regime respectively?
- (c) What are the expenditure and manpower involved for the above additional services? What is the implementation schedule?

Asked by: Hon. TAM Wai-ho, Samson

- Reply:
- (a) The Office of the Government Chief Information Officer (OGCIO) completed an institutional review of the Computer Emergency Response Centre (CERC) services in Hong Kong in 2008. It confirmed the continued need for the services and the appropriateness for the service to be provided by Hong Kong Productivity Council (HKPC). It also recommended some enhancement to the services.
 - (b) Under the new CERC regime, HKPC will continue to operate the Hong Kong Computer Emergency Response Team Coordination Centre (HKCERT) with existing CERC services. There will not be any major difference between the new regime and the existing regime; no new service will be introduced and no existing service will be cancelled. There will be enhancements to the public awareness programmes, for example by way of an increase in the number of seminars organized, and to the communication mechanism with various stakeholders including Small and Medium Enterprises and local information security groups, for example by way of the publication of guidelines and advisories.
 - (c) The new CERC regime with enhancements will commence in April 2009 with a total operating expenses of \$7.3 m which is funded by the OGCIO. HKPC will operate the HKCERT with 6 staff.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)070

Question Serial No.

1978

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the collaboration with Guangdong under the Supplement V to the CEPA on the development of a framework for the mutual recognition of electronic signature certificates, please indicate:

- (a) What is the latest development?
- (b) What are the difficulties in the implementation of the framework? What are the measures to handle the difficulties? What is the expenditure involved on these contingency measures?
- (c) What are the specific targets to implement the relevant work in 2009-10?
- (d) What are the specific details of the pilot applications of the mutual recognition of electronic signature certificates? What are the expenditure and manpower involved? What is the implementation time schedule?

Asked by: Hon. TAM Wai-ho, Samson

- Reply:
- (a) The Central People's Government, the Guangdong Provincial Government and the HKSARG represented by the Office of the Government Chief Information Officer (OGCIO) have reached agreement in principle on the framework for the mutual recognition of electronic certificate / signature for electronic transactions between Hong Kong and Guangdong (GD).
 - (b) Under the framework, Recognised Certification Authorities (RCAs) in Hong Kong will collaborate with their counterparts in GD to develop and lead pilot project(s) that make use of electronic certificates / signatures issued in Hong Kong and GD to facilitate secure electronic transactions as permitted by the Electronic Transactions Ordinance (Cap 553) and the Electronic Signature Law in the two places respectively. Implementation has yet to commence. The governments on both sides will provide facilitation where necessary.
 - (c) Starting in 2009, the RCAs will develop pilot project(s) with their counterparts in GD. The RCAs are likely to explore the feasibility of applications in cross-boundary e-commerce transactions as well as enabling Hong Kong citizens to obtain public and commercial services in GD and vice versa.
 - (d) Same as (b) and (c) above. No significant manpower or expenditure from OGCIO will be involved in facilitating the development of the pilot project(s) by the RCAs.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)071

Question Serial No.

1979

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: As regards educating Internet users on the appropriate and safe use of the Internet, please indicate:

- (a) The Office of the Government Chief Information Officer will launch a one-year territory-wide campaign. What are the activities, expenditure and manpower involved? What is the implementation schedule?
- (b) Apart from the above territory-wide campaign, what are the specific measures to educate young student users with respect to schools, communities and families? What are the expenditure and manpower involved?

Will measures be designed specifically for users of different classes and age groups such as the elderly, the middle-aged and parents to educate them on the appropriate and safe use of the Internet? If yes, what are the details? If not, why?

Asked by: Hon. TAM Wai-ho, Samson

Reply: (a) The territory-wide campaign will include large-scale promotion events, roving exhibitions and training in districts, school talks, inter-school activities, telephone hotline support, home visit technical assistance, etc. The campaign will cover a wide range of issues such as respect for personal data privacy and intellectual property rights, avoidance of Internet addiction, and protection against virus attack.

Targets of the campaign are students of primary and junior secondary schools as well as their parents and teachers. According to the statistics from the Education Bureau of the 2007-08 school year, there are some 386 000 students in 631 primary schools, and some 253 000 students in S1 to S3 in 527 secondary schools. The campaign also aims to help parents and teachers to acquire the knowledge and skill to provide guidance to their children and students.

Our plan is to engage Non-Government Organisations (NGOs) in planning and executing the campaign. We have invited youth-related NGOs to submit proposals on the planning and execution of the campaign. It is expected that there will be partnership among NGOs, schools, parent-teacher organisations and community organisations. More details about the implementation schedule of the campaign would be further developed in accordance with the proposals from interested NGOs.

We have earmarked \$63 m for the campaign. We estimate some 500 temporary jobs in the NGOs for about one year in the areas of programme management, event organisation, IT training and technical support will be created for the execution of the campaign.

- (b) The territory-wide campaign would be the major initiative of the year with regard to promotion of appropriate and safe use of Internet, targeting students of primary and junior secondary schools and their parents and teachers. We shall ask the Digital Inclusion Task Force to advise on initiatives for other groups.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)072

Question Serial No.

1980

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2009-10, the Office of the Government Chief Information Officer (OGCIO) will facilitate the development of the digital entertainment industry in Hong Kong by providing sponsorship to industry-led initiatives on a full range of support services such as shared facilities, skills upgrading and marketing. Please advise:

- (a) What are the industry-led initiatives? What are the respective budget, manpower requirement and date of commencement?
- (b) What was the OGCIO's budget and actual expense for facilitating the development of the digital entertainment industry in Hong Kong in 2008-09 and 2009-10 respectively?
- (c) Is there any index/evaluation on the relative position of Hong Kong on the performance of digital entertainment industry worldwide and in Asia? If there is, what is the result? If there isn't, what is the reason? Will such evaluation be considered in the future?

Asked by: Hon. TAM Wai-ho, Samson

Reply: (a) OGCIO facilitated the development of the Digital Entertainment Industry by providing funding or other forms of support to worthwhile projects led by industry or industry support bodies. In 2008-09, these included the Hong Kong Pavilion at MIPCOM 2008 in France, Hong Kong Digital Entertainment Promotional Delegation to SIGGRAPH Asia 2008, Hong Kong Digital Entertainment Industry promotion at FILMART 2009.

In 2008-09, the sponsorship provided for the industry-led projects is \$2.67 m. OGCIO currently deploys 2 posts whose responsibilities include support for this industry. It is envisaged that in 2009-10, the posts will be transferred to the proposed CreateHK and funding support for the digital entertainment industry will come from the proposed CreateHK budget. Pending approval of the proposed CreateHK, funding for these posts remains in the draft estimate of OGCIO.

- (b) Same as (a)
- (c) We are not aware of any specific worldwide or regional index/evaluation benchmarks for the digital entertainment sector.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)073

Question Serial No.

2316

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the performance of the use of information technology within the Government, please indicate:

- (a) According to the results of post-implementation departmental returns on completed IT projects, only 41.4% and 43.2% of the projects are completed on schedule in 2007 and 2008 respectively, with the estimate in 2009 being 60%, what are the reasons for almost half of the projects not being completed on schedule? What are the follow-ups?
- (b) On what basis does the Administration estimate that 60% of the projects can be completed on schedule in 2009?
- (c) In the past two years (i.e. 2007 and 2008), is there any extra expenditure incurred for the projects not completed on schedule? If yes, what are the details and amount of the expenditure?
- (d) In respect of the unsatisfactory progress of IT projects, will the Administration take any measures to improve its performance? What are the expenditure and manpower involved for these measures?

Asked by: Hon. TAM Wai-ho, Samson

- Reply:
- (a) The major reasons for projects not being completed on schedule are -
 - (i) longer than expected time in finalising user requirements due to additional user requirements to meet changing business needs;
 - (ii) longer than expected time in system implementation caused by
 - delay in site preparation
 - delay in tendering process and procurement of services / products
 - unacceptable deliverables; and
 - (iii) delay in user acceptance due to insufficient measures to manage user expectations and sub-standard performance of contractor (such as inadequate planning and prolonged quality review).

The procedure for implementing IT projects has been reviewed. The Office of the Government Chief Information Officer (OGCIO) introduced an enhanced governance mechanism for Government IT projects in April 2006 to facilitate better monitoring of IT projects in the Government and assist bureaux / departments (B/Ds) in better management of their IT projects by providing advice on project management practices and risk control.

Since the introduction of the new procedure of giving out advice to projects at the funding stage, it is noted that the project planning process has become more comprehensive and project risks are identified at an early stage.

- (b) The enhanced project governance mechanism is starting to take effect. Based on Post Implementation Departmental Returns (PIDRs) completed in 2008, we see an improvement in the percentage of projects completed on schedule after introduction of the enhanced mechanism, i.e. 37.4% for projects approved before 1 April 2006 and 54.1% for projects approved on or after 1 April 2006. Hence, we have estimated that 60% of the projects will be completed on schedule in 2009.
- (c) Delay in project implementation has not incurred additional non-recurrent expenditure. However, B/Ds might have to redeploy additional staff effort to oversee the project and expedite the project implementation. The additional staff resources required were absorbed by individual B/Ds from within their approved provision.
- (d) In the coming year, the OGCIO will conduct a further review with a view to designing and implementing new processes, tools and governance arrangements for the entire lifecycle of IT-enabled change projects. The review will make further recommendations on how B/Ds can better manage and deliver IT projects. OGCIO will also organise a series of training courses for Government officers to promote their awareness and enhance overall IT project management skill. The estimated cost for 2009-10 is around \$4 m.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)074

Question Serial No.

2194

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

- Question:
- (a) What is the progress of the Government Wi-Fi (*GovWiFi*) programme? How many network service operators are willing to participate in the programme currently?
 - (b) What are the Government's measures to attract more operators to participate in the programme to avoid monopoly and facilitate Wi-Fi development? What is the expenditure involved?

Asked by: Hon. TONG Ka-wah, Ronny

Reply:

(a) The *GovWiFi* programme has been progressing well. As at end February 2009, we have completed installation of Wi-Fi facilities at 282 government premises for providing Internet connection service to citizens. We will provide the service at around 350 government premises by June 2009 and are planning to extend the service by a further 30 premises, making a total of around 380 premises by March 2010.

The provision of *GovWiFi* service was subject to an open tender exercise. As a result of the tender exercise, one service provider was commissioned to undertake the installation work and service provision for the *GovWiFi* programme.

- (b) The government acquired service from the service provider to install Wi-Fi facilities and deliver Internet connection service to the public for the government. The service provider is not provided with monopolistic right to offer their commercial service at government premises.

The *GovWiFi* programme has stimulated the provision of public Wi-Fi services by the private sector, and has in turn facilitated Wi-Fi development in Hong Kong. Since the announcement of the *GovWiFi* programme in February 2007, the number of public hotspots in Hong Kong has increased from around 1 000 to the present figure of around 7 900. The expenditure involved in setting up hotspots under the *GovWiFi* programme is estimated to be about \$124 m.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)075

Question Serial No.

2195

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: How will the Government facilitate the development of electronic transactions? What is the estimated expenditure?

Asked by: Hon. TONG Ka-wah, Ronny

Reply: The Government facilitates the development of electronic transactions in accordance with the provisions of the Electronic Transactions Ordinance (Cap. 553), which provides a clear legal framework that gives electronic records and electronic / digital signatures the same legal recognition as records and signatures on paper. This enables businesses and the Government to conduct transactions by electronic means. The Government has also implemented a wide range of online Government services to meet public needs.

With the continuing growth in the volume of on-line transactions and the increasing security threats to such on-line activities, the greater adoption of public key infrastructure (PKI) will make significant contribution towards enabling secure transactions at lower costs. The Government's intentions are to continue to encourage the development of the PKI including Voluntary Certification Authority Recognition to ensure integrity in electronic transactions, and to promote the ease of use and adoption of recognised digital certificates in Hong Kong.

The Office of the Government Chief Information Officer (OGCIO) will monitor technology and market developments with a view to keeping the PKI including the Code of Practice for Recognised Certification Authorities (RCA) up-to-date. We will also continue our efforts in facilitating take-up in the usage of recognised digital certificates. The Government is committed to the continued operation of a public RCA to provide recognised digital certificates with easy-to-use interfaces.

OGCIO provides support for the maintenance of the legal framework and infrastructure within allocated resources. Manpower equivalent to about 3 full-time persons is involved.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)076

Question Serial No.

2196

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Provision for 2009-10 is \$65 m higher than the revised estimate for 2008-09. How much will be used for the activities to educate Internet users on the appropriate and safe use of the Internet in the coming year, i.e. 2009-10? How much will be used for salaries? How many additional staff will be employed?

Asked by: Hon. TONG Ka-wah, Ronny

Reply: Of the \$65 m, we have earmarked \$63 m for the territory-wide Internet education campaign. The rest of the increase is due to general increase in departmental expenses to identify and facilitate other relevant digital inclusion initiatives, e.g. expansion of the pilot scheme of District Cyber Centres (DCCs) and the Elderly Portal initiative.

Regarding the campaign, our plan is to engage Non-Government Organisations (NGOs) in planning and executing the campaign. We have invited youth-related NGOs to submit proposals on the planning and execution of the campaign. It is expected that there will be partnership among NGOs, schools, parent-teacher organizations and community organisations.

We estimate some 500 temporary jobs in the NGOs for about one year in the areas of programme management, event organisation, IT training and technical support will be created for the execution of the campaign. More details of the projected expenditure breakdown of the campaign including staff salaries and other expenses etc. will be further developed in accordance with the proposals from interested NGOs.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)077

Question Serial No.

2197

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Provision for 2009-10 is \$65 m higher than the revised estimate for 2008-09. Some of the expenditure will be used for the activities to educate Internet users on the appropriate and safe use of the Internet in the coming year, i.e. 2009-10. Apart from salaries, will the provision be used for other expenses? If yes, please give a detailed account of the items and their estimated expenditure.

Asked by: Hon. TONG Ka-wah, Ronny

Reply: Of the \$65 m, we have earmarked \$63 m for the territory-wide Internet education campaign. We have invited youth-related non-government organisations (NGOs) to submit proposals on the planning and execution of the campaign. We estimate that some 500 temporary jobs in the NGOs for about one year will be created for the execution of the campaign. Apart from salaries, the provisions will be used to meet other necessary expenses for organising the campaign, e.g. publicity, exhibition materials, teaching aids etc. More details will be developed in accordance with the proposals from interested NGOs.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)078

Question Serial No.

2198

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the pilot scheme for opening up intellectual property in government IT systems for commercial exploitation, please give a detailed account of the expenditure involved.

Asked by: Hon. TONG Ka-wah, Ronny

Reply: The Office of the Government Chief Information Officer engaged external legal advisory services at \$100,000 from February to July 2006 to develop sample terms and conditions, model licence and guidelines on opening up intellectual property of new government IT systems for reference by bureaux and departments in preparing their IT tenders. Apart from that, no further expenditure will be incurred.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)079

Question Serial No.

0674

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding services provided by “GovHK”, please indicate:

- (a) How many government departments and service items are involved currently?
- (b) What are the development plans in 2009-10?
- (c) What is the utilisation rate over the past 3 years (2006-07 to 2008-09)?
- (d) What are the operating expenses and staffing provision over the past year (2008-09)?

Asked by: Hon. WONG Ting-kwong

- Reply:
- (a) GovHK is a one-stop access portal which provides linkage to the online government information of all Bureaux/Departments (B/Ds). In addition, GovHK provides direct access to 180 commonly used online services of about 35 B/Ds and their related organisations.
 - (b) With a view to providing the public with the services they need in an efficient and convenient manner, which is as pleasurable and straightforward as dealing with the most customer-friendly organisations in the commercial and voluntary sectors as stated in our Statement of Desired Outcome under the Digital 21 Strategy, we plan to continually enhance the user experience on GovHK.

In 2009-10, we plan to roll out the geo-spatial information hub and services to meet the users' aspirations for easy access to various kinds of geo-spatial information. In addition, we will revamp the look and feel of the portal, enhance the Change of Address online service and develop an online/electronic filling option for the most commonly used forms. More importantly, we are actively planning the roll out of a personalised interface on GovHK to better meet the needs of the users in 2010-11. The key features include personalised myGovHK accounts, personalised portal and personalised messaging services.

- (c) The usage of GovHK in terms of visits and page views in the past 3 years is shown in the table below:

Year	Daily average visits	Daily average page views
2006-07 (Sep 06 – Mar 07)	6 200	29 000
2007-08 (Apr 07 – Mar 08)	20 800	207 000
2008-09 (Apr 08 – Feb 09)	22 400	469 000

- (d) GovHK is under development by the E-government Service Delivery (SD) Division of the Office of the Government Chief Information Officer (OGCIO), in collaboration with Information Services Department (ISD) and other B/Ds. The SD Division of the OGCIO is led by an Assistant Government Chief Information Officer, underpinned with a Chief Systems Manager and 6 non-directorate IT professional grade staff to manage and maintain the GovHK portal. In 2008-09, around \$12 m was spent on the engagement of contract staff and hiring contract services in customer research, portal design, information architecture development, content writing, enhancing the search function and setting up an enquiry help desk service for the users of the portal.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3. 2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)080

Question Serial No.

0675

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the implementation of the pilot e-procurement programme, please indicate:

- (a) What are the development details of the programme?
- (b) What is the impact on the procurement costs of the Administration after its implementation?

Asked by: Hon. WONG Ting-kwong

- Reply:
- (a) Under the e-Procurement Pilot Programme, the Procurement Portal was launched in 2008 for pilot users and suppliers to access procurement related information online. The remaining initiatives, namely workflow, e-catalogue and e-sourcing, will be rolled out progressively from September 2009 to early 2010.
 - (b) The Administration will assess the actual impact on the procurement costs after the above initiatives are fully rolled out. With reference to overseas and local experience, we envisage that e-Procurement will achieve financial saving arising from cost reduction through streamlining and unifying the procurement processes. It may also lead to saving on the costs of the products and services procured, though such saving will not be substantial at the pilot stage. Other benefits will also be achieved in reducing procurement lead-time, enhancing transparency of procurement management information, providing a catalyst for change in joining up different parties within government and promoting e-commerce. Given that the e-Procurement Programme will only be implemented on a pilot basis, the actual costs and benefits will be verified through the implementation process.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)081

Question Serial No.

0676

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the Computer Emergency Response Centre services in Hong Kong, please indicate:

- (a) What are the operating expenses and staffing provision of the Centre over the past year (2008-09)?
- (b) How many enquiries on computer emergencies has the Centre received over the past 3 years respectively (2006-07 to 2008-09)? What are the follow-up rates and average handling time?
- (c) How many public educational activities on computer security matters has the Centre carried out over the past 3 years respectively (2006-07 to 2008-09)? What is the number of participants?

Asked by: Hon. WONG Ting-kwong

Reply: The Office of the Government Chief Information Officer (OGCIO) completed an institutional review of the Computer Emergency Response Centre (CERC) services in Hong Kong in 2008. It confirmed the continued need for the services. The Hong Kong Productivity Council (HKPC), which operates the Hong Kong Computer Emergency Response Team Coordination Centre (HKCERT), has provided the following information:

- (a) In 2008-09, the total operating expense of the HKCERT is \$4 m which is funded by the OGCIO and HKCERT is supported by 6 HKPC staff.
- (b) The number of incidents reported to HKCERT in 2006, 2007 and 2008 was 2 499, 1 840 and 1 362 respectively. HKCERT provided immediate response in over 90% of the cases. The time required to deal with complicated cases varied as many of them required follow-up by third parties.
- (c) The number of security-related seminars organised by HKCERT in 2006, 2007 and 2008 was 2, 2 and 1 respectively with around 170, 700 and 170 participants.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)082

Question Serial No.

0687

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: When will the framework for the mutual recognition of electronic signature certificates be formally developed with Guangdong under the Supplement V to the Mainland and Hong Kong Closer Economic Partnership Arrangement? What are the areas of application of the mutual recognition features? Please explain the pilot applications and the implementation plans.

Asked by: Hon. WONG Ting-kwong

Reply: The Central People's Government, the Guangdong Provincial Government and the HKSARG represented by the Office of the Government Chief Information Officer have reached agreement in principle on the framework for the mutual recognition of electronic certificate / signature for electronic transactions between Hong Kong and Guangdong (GD). Under the framework, Recognised Certification Authorities (RCA) in Hong Kong will collaborate with their counterparts in GD to develop and lead pilot project(s) that make use of electronic certificates / signatures issued in Hong Kong and GD to facilitate secure electronic transactions as permitted by the Electronic Transactions Ordinance (Cap 553) and the Electronic Signature Law in the two places respectively. The governments on both sides will provide facilitation where necessary. The RCAs are likely to explore the feasibility of applications in cross-boundary e-commerce transactions as well as enabling Hong Kong citizens to obtain public and commercial services in GD and vice versa.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)083

Question Serial No.

0688

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Administration will conduct an impact study to assist in the formulation of strategies and initiatives to facilitate information and communications technology (ICT) adoption by small and medium enterprises (“SMEs”). When will the study be completed? What measures will the Administration take to encourage and facilitate the use of information technology among SMEs?

Asked by: Hon. WONG Ting-kwong

Reply: The study will analyse the perceived barriers to ICT adoption by SMEs in Hong Kong and identify sectors where increased adoption of ICT by SMEs would have a significant contribution to the economy of Hong Kong, and where there is evidence that optimal take-up will not occur as a result of market forces. The findings will help us come up with relevant strategies and initiatives to facilitate the use of ICT among SMEs. The study will be completed in mid-2009.

We will continue to conduct sector-specific programmes in collaboration with professional bodies to enhance awareness and ICT capabilities of SMEs. The findings of the above-mentioned study will help us identify sectors to focus on and refine our strategies. A latest series is a sector-specific ICT training programme for SMEs to commence in 2009-10. We have earmarked \$6 m for this purpose.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)084

Question Serial No.

1361

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (1) Use of IT in Government

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the provision of Wi-Fi services, please indicate:

- (a) How many government premises are providing Wi-Fi services currently? What is the proportion of these government premises out of the total government premises? What is the utilisation rate?
- (b) What is the targeted increase in the number of government premises with broadband Internet services?
- (c) What are the Administration's expenditure and estimated expenditure in relation to the provision of Wi-Fi services on government premises in 2008-09 and 2009-10 respectively?
- (d) Being the substantial shareholder of the MTR, will the Government consider the extension of the existing Wi-Fi services to MTR compartments? If yes, what are the details? If not, why?
- (e) What has the Administration done in enhancing the network security to support the use of Wi-Fi services by the public at government premises?

Asked by: Hon. WONG Ting-kwong

- Reply:
- (a) As at end February 2009, we are providing Wi-Fi Internet connection service at 282 government premises. The *GovWiFi* programme covers all libraries, public enquiry service centres and job centres in government. For other premises, we selected those with high public patronage as recommended by departments. Our key measurement of service utilisation is on the number of Internet connections provided to the public. Since its launch in early 2008, the *GovWiFi* programme has supported over 867 000 Internet connection sessions. We expect this number will continue to grow with the further extension of the programme to cover additional premises and the increase in take up of Wi-Fi devices by the public.
 - (b) Our original plan was to provide Wi-Fi Internet connection service at around 350 government premises by June 2009. In response to demand, we are now planning to extend the service to a further 30 premises, making a total of around 380 by March 2010.
 - (c) The expenditure of the programme in 2008-09 is about \$74.1 m and the estimated expenditure in 2009-10 is about \$60 m.
 - (d) According to the defined scope of the *GovWiFi* programme, the current Wi-Fi service provisions are to cover government premises only. The MTR Corporation, being an independent enterprise, would have its own business considerations and decision on whether or not to provide Wi-Fi services at its MTR compartments. As we understand,

the MTR Corporation has formulated its strategy of providing Wi-Fi facilities and is working with Wi-Fi service providers to provide Wi-Fi service at its stations and MTR compartments progressively.

- (e) To provide a safe environment for the public in using the *GovWiFi* service, we have implemented the following security measures:
- i. Firewall systems: to protect the service and its users from cyber attacks.
 - ii. Peer-to-peer blocking: to prevent hackers from launching on-site attacks or gaining illegal access to mobile devices of other users using the same Wi-Fi network.
 - iii. Provision of an encrypted channel: to prevent eavesdropping on data communications between users' mobile devices and the Wi-Fi access points.
 - iv. Network management: to detect and prevent hackers setting up rogue access points for capturing users' information.

We have engaged security consultants to perform security risk assessments and audits on the *GovWiFi* service periodically to ensure its compliance with Government's security requirements and adoption of industry best practices in security management.

In addition to the above security measures, we also promote public awareness of information security through various channels such as roving shows, TV and radio Announcements of Public Interest, posters, leaflets and government's information security portal (www.infosec.gov.hk).

Name in block letters	<u>Jeremy Godfrey</u>
Post Title	<u>Government Chief Information Officer</u>
Date	<u>17.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)085

Question Serial No.

1362

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (2) IT Infrastructure and Standards

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding certification authority services, please indicate:

With respect to the action plans to implement the Voluntary Certification Authority Recognition Scheme and the Hongkong Post Certification Authority services (including e-Cert), what are the manpower and expenditure involved? How effective are these plans?

Asked by: Hon. WONG Ting-kwong

Reply: With the continuing growth in the volume of on-line transactions and the increasing security threats to such on-line activities, the greater adoption of public key infrastructure (PKI) will make significant contribution towards enabling secure transactions at lower costs. The Government's intentions are to continue to encourage the development of the PKI including Voluntary Certification Authority Recognition to ensure integrity in electronic transactions, and to promote the ease of use and adoption of recognised digital certificates in Hong Kong.

The Office of the Government Chief Information Officer (OGCIO) monitors compliance by recognised certification authorities (RCAs) with the relevant provisions of the Electronic Transactions Ordinance (ETO) (Cap 553) and the Code of Practice for Recognised Certification Authorities (COP) published under the ETO, and facilitates the adoption of the PKI in Hong Kong. Manpower equivalent to about one full-time person is involved.

Over the past few years, the two RCAs in Hong Kong have been able to stimulate the development of new applications that make use of digital certificates. They have also improved the ease of use of digital certificates.

OGCIO will monitor technology and market developments with a view to keeping the PKI including the COP up-to-date. In particular we wish to facilitate RCAs to further improve the ease of use and the development of new applications.

The Government is committed to the continued operation of a public RCA to provide recognised digital certificates with easy-to-use interfaces. Since 1 April 2007, Hongkong Post Certification Authority (CA) as a RCA has outsourced its service operation to a private-sector contractor. In 2008-09, OGCIO has provided Hongkong Post with \$4.28 m to enable it to monitor the contract services. No OGCIO manpower is involved in the Hongkong Post CA operation.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)086

Question Serial No.

1363

Head: 47 – Government Secretariat : Subhead
Office of the Government (No. & title):
Chief Information Officer

Programme: (3) IT in the Community

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the provision of Wi-Fi services to facilitate the digital inclusiveness of the disadvantaged groups, please indicate:

- (a) What are the projects to facilitate the digital inclusiveness of the disadvantaged groups?
- (b) What are the financial resources required?
- (c) How effective are these projects and what are the expected targets?

Asked by: Hon. WONG Ting-kwong

Reply: (a)+(b) The Gov*WiFi* Programme seeks to provide Wi-Fi facilities at government premises with high public patronage for free use by the public at large. There are other measures more specifically targeted at providing Internet connections to needy groups. Current initiatives include –

- The Housing Authority (HA) has made available facilities for service providers to provide free Wi-Fi services to HA tenants in around 150 public rental housing estates;
- About 5 800 public computers with Internet connection have been installed at various places including public libraries and youth and social centres, for free public access;
- The Education Bureau in partnership with the Environmental Protection Department launched in February 2009, a “Computer Recycling Programme” for needy students of primary and secondary school. Under the programme, refurbished computer together with one-year free Internet access service would be provided to successful applicants.;
- The EDB has also granted recurrent subsidy to all primary and secondary schools since the 1999-2000 school year to encourage them to open computer rooms and facilities for the use of needy students after school;
- The Office of the Government Chief Information Officer (OGCIO) has sponsored \$4.7 m to kick-start the pilot scheme of District Cyber Centres (DCCs), to provide computer hardware and software, Internet connections, training and content to children from low income families and other needy local residents. Under the initial pilot operation, free Internet access facilities are installed in district cyber centres and a library of laptop computers equipped with free wireless Internet access are available for loan to needy groups in districts. We plan to expand the coverage of the pilot scheme in 2009-10 to enable more needy groups in different districts to enjoy the services of the DCCs; and

- Recently, a leading Internet service provider also sponsored a broadband donation program to low-income families with primary or secondary students. The program offers two years of free broadband Internet connection service targeting to benefit 1 000 needy families.
- (c) In 2005-06, OGCIO commissioned a study to develop a framework for assessing the degree of digital inclusiveness of different needy groups in Hong Kong by means of a Comprehensive Digital Inclusion Index (CDII). We have measured the Index on a pilot basis and are now finalising the framework with a view to measuring the CDII regularly. This will be a useful means to help us assess the effectiveness of various digital inclusion measures.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3. 2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)087

Question Serial No.

2658

Head: Capital Works Reserve Fund
710-Computerisation

Subhead A068XV Provision of
(No. & title): Wi-Fi wireless internet
facilities at Government
premises

Programme:

Controlling Officer: Government Chief Information Officer

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the installation of Wi-Fi facilities at government premises, please provide the following information:

- (a) In respect of the revised estimate of \$79.21 m in 2008-09, what are the tasks and expenditure involved and the manpower allocated?
- (b) In 2009-10, at how many government premises (categorized by Districts) will the government provide free Wi-Fi services? What are the expenditure and manpower involved?
- (c) Has the government ever conducted any review on the effectiveness of the existing free Wi-Fi Internet service, including the adequacy of Wi-Fi facilities and prevalence of their usage? If yes, what are the results and the follow-ups? If not, what are the reasons?

Asked by: Hon.TAM Wai-ho, Samson

Reply: (a) In respect of the revised estimate of \$79.21 m in 2008-09, breakdown of the tasks and expenditure involved are provided below:

Tasks	2008-09 Revised Estimate
Installation and implementation services, and site preparation	\$70.72 m
Programme co-ordination and management	\$4.37 m
Publicity and promotion	\$4.12 m
Total	\$79.21 m

As regards manpower, around 60 man-months of in-house and contract staff resources have been allocated to this programme in 2008-09 for programme co-ordination and management.

- (b) In 2009-10, we plan to extend our Wi-Fi service provision to another 82 government premises. The distribution of these premises by Districts is as follows:

Districts	Number of Premises to be Implemented in 2009-10
Hong Kong	
Central & Western	7
Eastern	9
Southern	5
Wanchai	3
<i>Sub-total</i>	24
Kowloon	
Kowloon City	1
Kwun Tong	1
Sham Shui Po	4
Wong Tai Sin	0
Yau Tsim Mong	13
<i>Sub-total</i>	19
The New Territories	
Islands	4
Kwai Tsing	3
North	6
Sai Kung	8
Sha Tin	7
Tai Po	1
Tsuen Wan	4
Tuen Mun	1
Yuen Long	5
<i>Sub-total</i>	39
Total	82

The estimated expenditure of the programme in 2009-10 is about \$60 m. As regards manpower, around 40 man-months of in-house and contract staff resources will be involved.

- (c) In the course of implementing the GovWiFi programme, we conduct questionnaire surveys to collect views and opinions from citizens. We also obtain feedback from departments regarding the need for provision of additional Wi-Fi facilities for use by citizens. Taking into consideration the feedback from departments and citizens, we have made necessary enhancements to our programme, e.g. relaxing the use of Instant Messaging services at libraries. We have also planned to extend our service to cover around 30 additional premises under the programme. As regards usage of the service, we note that there is an encouraging growth in tandem with the roll-out of GovWiFi. The total number of Internet connections per month has increased from 20 000 in April 2008 to 134 000 in February 2009. We will continue to closely monitor the GovWiFi implementation. We will conduct an overall review after full implementation of the programme by early 2010.

Name in block letters Jeremy Godfrey

Post Title Government Chief Information Officer

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)088

Question Serial No.

0848

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (1) Radio

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Administration states that RTHK will produce specials on the 60th Anniversary of the People's Republic of China and programmes to cover the preparations and events of the East Asian Games 2009. What are the respective specific work plans, time schedule and estimated expenditure in 2009-10?

Asked by: Hon. CHAN Tanya

Reply: RTHK plans to produce a series of radio programmes to commemorate the 60th Anniversary of the Founding of the People's Republic of China. Infotainment and educational programmes, including *Sixty Years of Nation Building* (建國六十年), a co-production with the China National Radio, as well as self-produced programmes like *Songs of Yore* (都付唱談中) and *China's Neighbours* (中國的鄰國) as well as seminars will be produced to reinforce national education for the public. Our regular programmes such as *Fifty Years After* (五十年後) will also have special episodes to commemorate the 60th Anniversary. Research and preparation are in progress. These programmes will be launched starting from May 2009. The estimated expenditure is around \$500,000.

Starting from the second half of 2009, RTHK will provide programming support to the coverage of the East Asian Games. Radio 1 will cover the major events, such as the Opening Ceremony of the Games, produce regular updates, provide segments on the general knowledge of the competitions, and profiles of local and international athletes. Both the Chinese Programme Service and the English Programme Service will produce specials of more than 40 hours of programmes on the Games. The estimated expenditure is around \$500,000.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)089

Question Serial No.

0849

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (1) Radio

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Administration states that RTHK will produce programmes for the underprivileged children and English-speaking children aged between 7 to 11. Can the government inform the Committee the difference between the editorial line of these programmes and other programmes in general? What is the estimated expenditure in this respect?

Asked by: Hon. CHAN Tanya

Reply: RTHK's Radio 5 plans to launch a project *Children's Dreams Come True* (小朋友大夢想) in the summer of 2009 for the specific needs of under-privileged children. In collaboration with relevant non-governmental organisations, selected worthy goals or dreams of the targeted children will be put to practice or realised. The estimated expenditure is around HK\$200,000.

The English Programme Service also launched a new programme, *Sunday Smile* in December 2008, aired on Sundays at 9:00 - 9:30 a.m. on Radio 3. This is an educational programme for children aged 7 to 11, whose English is their second language. The programme features fun, singing, poetry, story telling, music and jokes. The estimated expenditure is around HK\$650,000.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)090

Question Serial No.

0850

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (2) Public Affairs Television

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Administration states that RTHK will continue to support local creative industries and talents by providing opportunities in commissioning drama and documentary productions. Please provide the respective work plan and projected expenditure involved.

Asked by: Hon. CHAN Tanya

Reply: Since late 2000, RTHK has been redeploying its resources to commission television productions. As in past years, RTHK will set a topic on different genres, i.e., drama, documentaries and animation. It is estimated that in 2009-10, 28 programmes (14 hours in total) will be commissioned, costing about \$6 million.

The commissioning plan for 2009-10 is as follows:

Title / Category	Episode
Underwater World (series) (Documentary)	5
McDull Series (Independent Productions)	5
Hong Kong Stories (Documentary)	10
Kaleidoscope of Ideas 2010 (Animation)	8

The tendering exercise has already started. Production of these programmes normally require lead time of at least 3 to 6 months. Upon completion, these programmes would be broadcast on TV channels alongside RTHK's own productions.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)091

Question Serial No.

0851

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (2) Public Affairs Television

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: Can the Administration inform us what programmes will be commissioned, how much resources will be involved and how many employment opportunities will be created?

Asked by: Hon. CHAN Tanya

Reply: In 2009-10, 20 documentaries and eight animations, all half-hour programmes, will be commissioned. It is estimated that the cost amounts to around \$6M and the project would involve 20 companies. In addition, RTHK will continue to invite applications under the "Independent Production" category in which both RTHK and the independent producer invest in drama productions and share the copyright. It is however difficult to produce an estimate on the exact opportunities of employment to be created.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)092

Question Serial No.

2409

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (4) New Media

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: What are the Administration's working plan and estimated expense for setting up the thematic national education webpage on eTVonline?

Asked by: Hon. CHAN Tanya

Reply: eTVonline has already built a portal on national education. This was launched in November 2008 (<http://roots.etvonline.tv/>). We will further develop and promote this webpage in consultation with relevant parties. The estimated expenditure to further develop the portal is around \$500,000.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)093

Question Serial No.

2410

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (4) New Media

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: Besides national education, how many thematic webpages will the Administration set up on eTVonline? Please set out the production plans and estimated expenses for these webpages.

Asked by: Hon. CHAN Tanya

Reply: Apart from the National Education special website, we have developed special educational websites, including:

- (a) Point@Media 點指傳媒 (<http://MediaEd.eTVonline.tv>), which is an educational website on media ethics, media literacy and media education;
- (b) Sex Education Online - 「性本善 Online」 (www.SexEdOnline.tv), on sex education;
- (c) Liberal Studies - 香港電台「通識網」 (www.LiberalStudies.tv) and Liberal Studies Collage 通識・拼貼・300 秒 (<http://collage.eTVonline.tv>), which provide a wide spectrum of topics relating to liberal studies;
- (d) Science Explorer 科學探索 (<http://ScienceExplorer.eTVonline.tv>), a website on the science subject; and
- (e) Do Not Gamble 睇波・不賭波 (www.doNotGamble.tv), which discourages gambling amongst young people.

The cost for constructing a website varies, depending on the content, interactivity, video footage, etc., from \$150,000 to \$500,000. We will continue to develop new thematic webpages as we identify suitable new topics.

Name in block letters Franklin WONG
Post Title Director of Broadcasting
Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)094

Question Serial No.

1533

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (1) Radio
 (4) New Media

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: Currently, the Administration is actively promoting digital broadcasting and new media broadcasting. Please inform us:

- (a) Regarding the development of digital broadcasting, how much resources are available for RTHK to procure new facilities and additional manpower?
- (b) Regarding the promotion of new media broadcasting, how much resources are available for RTHK to procure new facilities and additional manpower?

Asked by: Hon. HO Sau-lan, Cyd

Reply:

- (a) RTHK currently has no plan to introduce Digital Audio Broadcasting, accordingly there is no provision allocated for this purpose for 2009-10. On the other hand, RTHK has been investing in upgrading and digitizing its TV and radio studio and production equipment. In 2009-10, \$25.6 million has been allocated for upgrades relating to digital TV (including standard definition and high definition) production.
- (b) In 2009-10, RTHK will continue to enhance the facilities for new media broadcasting. The estimated cost for the enhancement is around \$300,000. RTHK will also continue to explore opportunities to work with media partners to develop new media communication platforms.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)095

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Question Serial No.

1534

Programme:

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

- Question:
- (a) From 2006-07 to 2008-09, how many civil servants and contract staff, respectively, were in RTHK's establishment?
 - (b) Please set out the wastage rate of RTHK and the length of service of departed staff from 2006-07 to 2008-09.

Asked by: Hon. HO Sau-lan, Cyd

Reply: (a) The numbers of civil servants and full-time contract staff serving in RTHK in 2006 to 2009 are -

Date	Civil Servants	Full-time contract staff	Total
1.4.2006	494	267	761
1.4.2007	487	292	779
1.4.2008	469	287	756
1.2.2009	454	311	765

- (b) Staff turnover (resignation and non-renewal of contract by officers) in 2006/07 to 2008/09 is -

Date	Civil Servants (turnover rate)*	Full-time contract Staff (turnover rate)*	Years of service in post			Total
			<2 years	2 - 5 years	>5 years	
2006/07	2 (0.4%)	46 (16.4%)	32	9	7	48
2007/08	7 (1.5%)	57 (19.7%)	30	18	16	64
2008/09 (up to 1.2.2009)	0 (0%)	37 (12.4%)	21	8	8	37

*Turnover rate is the percentage of the number of staff turnover against the average of strength at the beginning and end of the reference period.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)096

Question Serial No.

1373

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (1) Radio

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the production of specials on the 60th Anniversary of the People's Republic of China, what are the estimated output hours and total expenses? What is the unit cost per hour?

Asked by: Hon. IP LAU Suk-ye, Regina

Reply: To commemorate the 60th Anniversary of the Founding of the People's Republic of China, RTHK will produce about 160 hours of special programmes and projects, including *Sixty Years of Nation Building* (建國六十年), a co-production with the China National Radio, as well as self-produced programmes like *Songs of Yore* (都付唱談中) and *China's Neighbours* (中國的鄰國). The estimated total expenditure is around \$500,000. Average production cost per hour is about \$3,200.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)097

Question Serial No.

1374

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (2) Public Affairs Television

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2009-10, how many commissioned dramas and documentaries, respectively, will be produced? What are the total expenses and the average expense per programme?

Asked by: Hon. IP LAU Suk-yea, Regina

Reply: In 2009-10, 20 documentaries and 8 animation productions, all half-hour programmes, will be commissioned. It is estimated that the cost amounts to around \$6M and the project would involve 20 companies, with two 5-episode series being awarded to two companies. The estimated cost per hour is around \$430,000. In addition, RTHK will continue to invite applications under the "Independent Production" category, in which both RTHK and the independent producer invest in the drama productions and share the copyright.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)098

Question Serial No.

1171

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (4) New Media

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: Will the Administration consider replacing school ETV with "eTVonline", so as to vacate more room in free television channels for educational programmes of other types, such as national education, "Basic Law" promotion, etc.?

Asked by: Hon. LEUNG Mei-fun, Priscilla

Reply: School ETV programmes are currently simulcast via television channels and eTVonline at designated timeslots, and stored thereafter on eTVonline for access any time.

The current dissemination channels serve different groups of viewers of school ETV programmes who may have different preferred timeslots and media to watch these programmes, e.g., parents may wish to watch these programmes on television instead of via the internet. We do not have plans to change this practice for the time being. School ETV programmes currently cover a wide range of topics, including national education and Basic Law under "Liberal Studies".

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)099

Question Serial No.

0677

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (1) Radio
 (2) Public Affairs Television
 (4) New Media

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: In respect of supporting ethnic minorities, please inform us:

- (a) The details of programmes (including content types, broadcasting timeslots and hours) produced by RTHK in languages of ethnic minorities during the past year (i.e. 2008-09);
- (b) How did the Administration promote such programmes to ethnic minorities?
- (c) The popularity of such programmes among ethnic minorities, e.g. audience ratings and hit-rates.

Asked by: Hon. WONG Ting-kwong

Reply: The programmes produced by RTHK in languages of ethnic minorities in 2008-09 are all radio programmes, as follows -

Channel	Programme	Content	Ethnic Group	Broadcast Time	Duration
Radio 2	<i>Beautiful Sunday - Selamat Pagi</i>	news, music, and community information of interest	Indonesian	Sun 0600-0800 hrs.	2 hours per week
Radio 3	<i>Saptahik Sandesh</i>	news, music, and community information of interest	Nepali	Sun 1905-1930 hrs.	25 minutes per week
Radio 3	<i>Hong Kong Ki Shaam</i>	news, music, and community information of interest	Pakistani / Urdu	Sun 1930-2000 hrs.	30 minutes per week

In addition, RTHK-on-Internet carries these programmes both in live mode and as archives.

These radio programmes are promoted through promotional trailers, publicity leaflets published by RTHK for Channels R3 and R4 that are distributed to major NGOs serving these communities, and "Berita Indonesia", a free monthly newspaper, for the Indonesian programme on Radio 2. Word-of-mouth among the ethnic communities also proves to be an effective means of promotion.

These programmes are well received and popular among the ethnic communities. In the latest Radio Audience Survey conducted by the Public Opinion Programme of the University

of Hong Kong in December 2008, the audience size for the Indonesian programme was 75 000. As for those of Radio 3's Nepali and Pakistani programmes, since the populations of the two ethnic communities being served are small, the audience figures are insignificant. We do not have internet hit-rate for these specific programmes either because the hit-rates are kept in terms of radio channels.

Regarding television programmes, as RTHK's television programmes are transmitted through the two free-to-air terrestrial stations, which broadcast mainly in Cantonese and English, RTHK does not produce television programmes in languages of ethnic minorities. However RTHK does produce television programmes on topics related to the ethnic minorities, e.g., Hong Kong Stories and Equal Opportunities Special, which respectively attract ratings of 286 000 on ATV and 1 062 000 on TVB, in line with other RTHK prime time television programmes.

Name in block letters	<u>Franklin WONG</u>
Post Title	<u>Director of Broadcasting</u>
Date	<u>16.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)100

Question Serial No.

0678

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (2) Public Affairs Television

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: In respect of standard definition/high definition programmes, please inform us:

- (a) The respective output hours of standard definition (SD) and high definition (HD) programmes produced by RTHK in the past year (i.e. 2008-09);
- (b) How will RTHK coordinate with the two free-to-air commercial television stations' development of digital television? What are the objectives of development?
- (c) The respective financial resources involved in standard definition and high definition programme production in the past year (i.e. 2008-09) and the respective financial resources to be involved in the coming year (i.e. 2009-10).

Asked by: Hon. WONG Ting-kwong

- Reply:
- (a) In support of the government's Digital Terrestrial Television (DTT) broadcasting policy, RTHK has already started producing programmes in SD and HD format. In 2008-09, of the 571.6 hours of output, 555.6 hours and 16 hours are SD and HD productions respectively. We will continue to produce more HD programmes as we acquire more equipment for HD production.
 - (b) Our television programmes are broadcast through the two free-to-air television stations' analogue channels at their prime timeslots, as per the licensing conditions of the two stations. Individual programmes are also broadcast in SD and HD format on the stations' SD and HD channels by mutual agreement between RTHK and the two stations. We will continue to discuss with the stations for more timeslots for broadcasting RTHK programmes on their SD and HD channels.
 - (c) In 2008-09, of the \$225.3M total financial provision allocated to TV services, \$21.4M was deployed to procure SD and HD equipment and the remaining \$203.9M was spent on SD and HD programme productions. For 2009-10, \$25.6M has been set aside for SD and HD equipment, and \$213.5M will be spent on SD and HD programme productions.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)101

Question Serial No.

0679

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (1) Radio

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: Please inform us:

- (a) Please inform us RTHK's progress of launching Digital Audio Broadcasting at present;
- (b) What are the development plans regarding the launching of Digital Audio Broadcasting?
- (c) What are the committed and estimated expenses, respectively, for the launching of Digital Audio Broadcasting?

Asked by: Hon. WONG Ting-kwong

Reply: In the last 11 years, RTHK has conducted technical trials on Digital Audio Broadcasting. However, RTHK currently has no plan to launch Digital Audio Broadcasting services for the community. Accordingly there are no committed or estimated expenses in this regard.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)102

Question Serial No.

0680

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (1) Radio
 (2) Public Affairs Television

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

Question: In respect of promoting civic education, please inform us:

- (a) The titles and output hours of civic education programmes produced by RTHK (including both radio and television) in the past year (i.e. 2008-09);
- (b) Of the aforementioned, how many were devoted to publicising the Administration's policies?

Asked by: Hon. WONG Ting-kwong

Reply: RTHK's Radio Division produced numerous civic education projects and programmes throughout the year. Highlights include Basic Law Quiz, National Education Flashes, Young Politician, LegCo Election Voter Registration Campaign, LegCo Election Forums, Equal Opportunity Multi-Cultural Seminar, Humanity Awards, Pilot Programme for Neighbourhood Active Aging, Civic Education Carnival, Family Council Launch Ceremony and programmes, Smile Family, etc., totaling over 7 000 hours. Most of these programmes were produced in collaboration with, or were sponsored by, relevant government departments. In addition, the Radio Division has aired a total of 605 hours of Announcements of Public Interest provided by the Information Services Department, to publicise various government policies.

On the television side, over a quarter of the programmes in 2008-09 are related to or are specifically on civic education, e.g., LegCo elections programmes, Police Magazine, Olympic Rendezvous, Equal Opportunities Special, LegCo Review, City Forum, Pentaprism, Hong Kong Connection, etc., totaling over 140 hours. Around 84 hours of these productions directly publicise government policies. In addition, many of our current affairs programmes analyze or touch on various community issues, which contribute to civic education in a broad sense.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)103

Question Serial No.

0681

Head: 160 Radio Television Hong Kong Subhead
(No. & title):

Programme: (1) Radio

Controlling Officer: Director of Broadcasting

Director of Bureau: Secretary for Commerce and Economic Development

- Question:
- (a) Does RTHK have any plans to provide broadcasting services in MTR trains?
 - (b) If there are such plans, how is the progress? What are the resources expected to be involved?
 - (c) If RTHK is not going to provide broadcasting services in MTR trains, what are the reasons?

Asked by: Hon. WONG Ting-kwong

Reply: It will require investments by MTR Corporation on broadcasting equipment along its railway network, in order to support radio broadcasting in MTR trains. We will be happy to provide our radio signals if the Corporation has plans to make the investments. The Administration will explore with the Corporation.

Name in block letters Franklin WONG

Post Title Director of Broadcasting

Date 16.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)104

Question Serial No.

0326

Head: 180 Television and Subhead
Entertainment Licensing (No. & title):
Authority

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Bureau states that a campaign will be launched to revitalize the market for Hong Kong films in South East Asia. How much resources will the Government allocate in this respect? What are the details and time schedule of the campaign? Moreover, does the Government have the manpower familiar with the Hong Kong film industry in launching this campaign? If not, through what channels will the Government give support?

Asked by: Hon. CHAN Tanya

Reply: The Film Development Council (FDC)¹ rolled out a large-scale project named "Hong Kong Film New Action" in December 2008 to revitalize Hong Kong film market in Taiwan and Southeast Asia; further expand the Mainland market; and to promote Hong Kong new generation film directors.

The key elements of the project are to introduce the Hong Kong new generation directors to the major markets for Chinese language films, including the Mainland, Taiwan, Singapore and Malaysia; to enhance the Hong Kong film industry's understanding of the latest development of these markets; to enhance the understanding of the producers, distributors and investors of these markets on business opportunities in Hong Kong; and to seek opportunities for collaboration in film production.

The FDC led delegations to visit Taiwan, Guangzhou, Singapore and Malaysia from December 2008 to February 2009. A film festival was also held on the productions of the new generation directors. Besides promoting Hong Kong films and the new generation directors, the delegations' meetings with the film industry in such markets were able to establish a basis of cooperation in different aspects so as to explore more market opportunities.

The FDC has also commissioned a consultancy firm to conduct a market research on the film markets in Taiwan, Singapore and Malaysia. The FDC will share the findings with the Hong Kong film industry so as to facilitate our filmmakers to map out their market development strategy in the light of the latest developments in the region.

¹. FDC is a non-statutory advisory committee set up on 15 April 2007 to give advice to the Secretary for Commerce and Economic Development on policies and strategy for the development of the film industry as well as the use of the Film Development Fund, and implement activities conducive to the long term development of the industry.

A series of business forums and promotional sessions will be staged to further promote the project in end March 2009. The business forums and promotional sessions will provide film practitioners from the Chinese language film markets of the five places concerned to engage in direct business negotiations. New generation directors of the Hong Kong film industry will also be invited to participate in the business forums and promotional sessions. To this end, the FDC will prepare publicity materials for the participating directors so that they could promote themselves and their works directly to the buyers, distributors and producers of the five places concerned.

In 2009-10, the FDC will continue with the “Hong Kong Film New Action” initiative by promoting the works of the new generation directors to the audience of the Mainland, Taiwan, Singapore and Kuala Lumpur where publicity and film festivals will be organized for the purpose.

Majority of the FDC members are veteran members of the local film industry, including directors, producers and distributors, who are familiar with the local film industry. They participate actively in the work of the FDC and provide valuable advice on market development for Hong Kong films. For example, those who joined the promotional visits led by the FDC to the Mainland, Taiwan, Singapore and Malaysia in the past few months under the “Hong Kong Film New Action” project are leading members of the film industry who have strong connections with the buyers, distributors and producers of these markets. They help directly the new generation directors to build up networks in the region. In addition, the Secretary General of the FDC is also an experienced filmmaker familiar with the market situation inside and outside Hong Kong.

\$4.2 million has been budgeted for implementation of the “Hong Kong Film New Action” project for the financial year 2008-09. We have earmarked \$5.7 million to continue with the project in 2009-10.

Name in block letters	<u>Maisie CHENG</u>
Post Title	<u>Commissioner for Television and Entertainment Licensing</u>
Date	<u>17.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)105

Question Serial No.

2795

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: With regard to the financial provision for 2009-10, please inform the Committee of the following:

- (a) What are the action plan and estimated provision for promoting and administering the Film Development Fund?
- (b) How much resources will be allocated for the support of location shooting?

Asked by: Hon. CHAN Tanya

Reply: (a) The Film Development Council (FDC)¹ finances film productions and other film-related projects which are conducive to the long-term development of the film industry under the Film Development Fund (FDF) Scheme.

In 2009-10, \$24.3 million under the FDF has been budgeted for financing small-to-medium film productions, and \$28.5 million for financing other film-related projects. The total financial provision is estimated at \$52.8 million. The FDC Secretariat will actively promote to the industry, particularly new directors, the use of the FDF to produce films. It will also closely liaise with the concerned organizations so as to facilitate their applications for funding support for projects that are conducive to the long term development of the Hong Kong film industry. The FDC Secretariat will review the operation of the FDF in consultation with the industry so as to ensure it meets the needs of the industry.

- (b) In 2009-10, TELA has earmarked \$400,000 to facilitate location filming in Hong Kong, including maintenance of a dedicated website on filming in Hong Kong, publication of trade directories and guidebook on filming in Hong Kong and participation in overseas locations trade exhibitions showcasing Hong Kong as the choice for location shooting in Asia.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

¹ FDC is a non-statutory advisory committee set up on 15 April 2007 to give advice to the Secretary for Commerce and Economic Development on policies and strategy for the development of the film industry as well as the use of the Film Development Fund, and implement activities conducive to the long term development of the industry.

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)106

Question Serial No.

2796

Head: 180 Television and Subhead
Entertainment Licensing (No. & title):
Authority

Programme: (1) Broadcast Monitoring and Regulation

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: What is the estimated expenditure on monitoring domestic free television programme services licences?

Asked by: Hon. CHAN Tanya

Reply: The Broadcasting Authority (BA) is responsible for regulating domestic free television programme service licensees in accordance with the requirements under the Broadcasting Ordinance (BO) (Cap. 562), the Broadcasting Authority Ordinance (Cap. 391), the Codes of Practice issued under the BO and the conditions stipulated in the licences. The work includes: to make recommendations to the Chief Executive in Council on the renewal of domestic free television programme service licences; to assess their investment plans (including those relating to DTT); to consider applications for changes in shareholding and ownership structures; and to secure proper standards of broadcasting etc.

As the Secretariat of the BA, the Broadcasting Division of the Television and Entertainment Licensing Authority (TELA) is responsible for supporting the BA in performing its regulatory functions. The expenditure involved is absorbed from within TELA's existing resources, and TELA does not have a breakdown of the expenditure for this item.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)107

Question Serial No.

2797

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (3) Film Classification and Control of Obscene and Indecent Articles

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the promotion of public awareness of the provisions of the Control of Obscene and Indecent Articles Ordinance and the Film Censorship Ordinance, how much resources will the Administration allocate in 2009-10?

Asked by: Hon. CHAN Tanya

Reply: In 2009-10, TELA plans to spend about \$3.7 million to conduct publicity and public education programmes to enhance the public's understanding of the Control of Obscene and Indecent Articles Ordinance (COIAO) (Cap. 390). TELA will continue to co-operate with non-governmental organisations in conducting these programmes, which will include regional forums, workshops and school talks on the COIAO, promotion of the smart and safe use of the Internet, free distribution of filtering software to parents who have such a need, roving exhibitions, contests, a Healthy Internet Student Leaders Scheme, etc.

On top of the above on-going efforts, the Government has earmarked \$63 million for the Office of the Government Chief Information Officer to conduct a one-year territory-wide campaign on the safe and appropriate use of the Internet, targeting students of primary and junior secondary schools as well as their parents and teachers. The campaign will cover a wide range of issues, one of which would be protection against objectionable materials on the Internet and it will, among other things, help parents and teachers acquire the knowledge and skill to provide guidance to their children and students in the proper use of the Internet.

Promotion of the Film Censorship Ordinance is carried out with TELA's manpower resources for implementing the film classification system. There is no separate provision for promotional activities.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

Examination of Estimates of Expenditure 2009-10

Reply Serial No.

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)108

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Question Serial No.

2798

Programme: (3) Film Classification and Control of Obscene and Indecent Articles

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: What are the action plan and budget of the Administration with regard to the review of the Control of Obscene and Indecent Articles Ordinance?

Asked by: Hon. CHAN Tanya

Reply: On 3 October 2008, the Government launched a four-month consultation exercise on a comprehensive review of the Control of Obscene and Indecent Articles Ordinance. The consultation period ended on 31 January 2009. Over 18 800 submissions from individuals and organisations were received during the consultation period. The Government is now analysing the submissions. Taking into account all the views collected, the Government will prepare more concrete proposals to improve the regulatory regime for a second round of consultation. The views will be documented in a report and the public will be invited to comment on the proposals. \$2 million has been set aside for the second round of consultation scheduled for 2009-10.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)109

Question Serial No.

2937

Head: 180 Television and Subhead
Entertainment Licensing (No. & title):
Authority

Programme: (3) Film Classification and Control of Obscene and Indecent Articles

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Television and Entertainment Licensing Authority mentioned that it would promote public awareness of the Control of Obscene and Indecent Articles Ordinance (COIAO) and assist the Commerce and Economic Development Bureau in reviewing the provisions of the COIAO. What are the details and estimated expenditure in this connection?

Asked by: Hon. CHAN Tanya

Reply: In 2009-10, TELA plans to spend about \$3.7 million to conduct publicity and public education programmes to enhance the public's understanding of the Control of Obscene and Indecent Articles Ordinance (COIAO) (Cap. 390). TELA will continue to co-operate with non-governmental organisations in conducting these programmes, which will include regional forums, workshops and school talks on the COIAO, promotion of the smart and safe use of the Internet, free distribution of filtering software to parents who have such a need, roving exhibitions, contests, a Healthy Internet Student Leaders Scheme, etc.

On top of the above on-going efforts, the Government has earmarked \$63 million for the Office of the Government Chief Information Officer to conduct a one-year territory-wide campaign on the safe and appropriate use of the Internet, targeting students of primary and junior secondary schools as well as their parents and teachers. The campaign will cover a wide range of issues, one of which would be protection against objectionable materials on the Internet and it will, among other things, help parents and teachers acquire the knowledge and skill to provide guidance to their children and students in the proper use of the Internet.

On 3 October 2008, the Government launched a four-month consultation exercise on a comprehensive review of the Control of Obscene and Indecent Articles Ordinance. The consultation period ended on 31 January 2009. Over 18 800 submissions from individuals and organisations were received during the consultation period. The Government is now analysing the submissions. Taking into account all the views collected, the Government will prepare more concrete proposals to improve the regulatory regime for a second round of consultation. The views will be documented in a report and the public will be invited to comment on the proposals. \$2 million has been set aside for the second round of consultation scheduled for 2009-10.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)110

Question Serial No.

2938

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Department mentioned that it would develop and organise training programmes with the film industry and the tertiary institutions to improve the technical and technological know-how of the film industry workforce. What are the details and estimated expenditure in this regard?

Asked by: Hon. CHAN Tanya

Reply: The Film Development Fund (FDF) Scheme provides limited support (i.e. 30%) to finance the production of small-to-medium budget films (i.e. below \$12 million) and funds other projects which are conducive to the long-term development of the local film industry.

One of the objectives of the FDF is to finance film production projects to nurture new film talents through providing more film production activities. Six directors out of the 11 film projects financed by the FDF are new Hong Kong directors who are directing commercial films for the first time. The Film Development Council (FDC)¹ will continue to promote the use of the FDF for film production to the industry, particularly new directors.

The Hong Kong film industry needs funding support from the FDF to produce industry handbooks, training materials or to carry out training and development courses for the film industry workforce to enhance the latter's professional and technical standards. The FDC discusses with the interested organizations and facilitates their funding applications for training and developing film talents. In 2008-09, the FDF funded the organization of a seminar for directors, the production of the "Hong Kong Filmmakers Code of Practice and Film Industry Safety Handbook", and production of a teaching kit for promotion of film education in the senior secondary school visual arts curriculum. The FDC will continue to liaise closely with the trade associations and educational institutions with a view to facilitating the organization of more training programmes and the production of training materials.

Name in block letters Maisie CHENG
Post Title Commissioner for Television
and Entertainment Licensing
Date 17.3.2009

¹. FDC is a non-statutory advisory committee set up on 15 April 2007 to give advice to the Secretary for Commerce and Economic Development on policies and strategy for the development of the film industry as well as the use of the Film Development Fund, and implement activities conducive to the long term development of the industry.

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)111

Question Serial No.

2939

Head: 180 Television and Subhead
Entertainment Licensing (No. & title):
Authority

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Department stated that it would administer the Film Development Fund to provide funding support to projects and activities conducive to the long term development of the local film industry and to finance small-to-medium budget film productions. What is the definition of "small-to-medium budget film productions" in this regard? What are the details of the overall administration work and the estimated expenditure?

Asked by: Hon. CHAN Tanya

Reply: In July 2007, the Finance Committee (FC) approved to expand the scope of the Film Development Fund (FDF) to provide limited support (i.e. 30%) to finance small-to-medium film productions with a production budget not exceeding \$12 million. Apart from financing small-to-medium film productions, the expanded FDF continues to finance other film-related projects which are conducive to the healthy and long-term development of the film industry.

The Commissioner for Television and Entertainment Licensing (CTEL) is the controlling officer of the FDF, with the Secretariat of the FDC administering the Fund. The CTEL will decide whether to approve the applications and disburse funds to FDF projects on the basis of the recommendation of the Fund Vetting Committee (FVC) set up under the Film Development Council (FDC)¹ to examine the merits of the FDF applications. For film productions financing applications, the FVC will be assisted by the Panel of Examiners who are professionals with experience in film production and marketing. The Examiners will assess the commercial viability and reasonableness of the budget of the proposed film projects. Upon approval of FDF applications, the Government will execute financing agreements with the applicant before funds are disbursed. The financing agreements will be closely monitored to ensure that the applicant complies with the terms and conditions set out in the financing agreements.

In 2009-10, \$24.3 million has been budgeted for financing small-to-medium budget film productions and \$28.5 million for financing other film-related projects.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

¹. FDC is a non-statutory advisory committee set up on 15 April 2007 to give advice to the Secretary for Commerce and Economic Development on policies and strategy for the development of the film industry as well as the use of the Film Development Fund, and implement activities conducive to the long term development of the industry.

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)112

Question Serial No.

2941

Head: 180 Television and Subhead
Entertainment Licensing (No. & title):
Authority

Programme: (1) Broadcast Monitoring and Regulation

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: It is noted that the Television and Entertainment Licensing Authority will review the codes of practice in the light of changes in the broadcasting environment and technology. What are the details and estimated expenditure of this exercise?

Asked by: Hon. CHAN Tanya

Reply: With the launch of the multi-channel digital terrestrial television (DTT) services and the interactive features of DTT services, the Broadcasting Division of TELA, as the Secretariat of the Broadcasting Authority (BA), plans to review the codes of practice to examine the feasibility of allowing licensees to provide enhanced services, including, among others, the provision of new forms of in-programme promotions and sponsored messages without compromising viewers' interests. As the Secretariat of the BA is responsible for assisting the BA in performing its regulatory functions, the expenditure involved is absorbed from within TELA's existing resources, and TELA does not have a breakdown of the expenditure for this item.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)113

Question Serial No.

2942

Head: 180 Television and Subhead
Entertainment Licensing (No. & title):
Authority

Programme: (1) Broadcast Monitoring and Regulation

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: The Department has also indicated that it will conduct a mid-term review for the two domestic free television programme service licences. What are the details of the work plan and the total amount of expenditure?

Asked by: Hon. CHAN Tanya

Reply: The mid-term review for the two domestic free television programme service licences commenced in early 2009. Following the established practice, the Broadcasting Authority ("BA") will review the performance of the two licensees, assess the investment plans of the licensees for the next six years (i.e. from 2010 to 2015) and make recommendations to the Chief Executive-in-Council by end of 2009. As part of the exercise, the BA will conduct an opinion survey to gauge the feedback of the public on the services of ATV and TVB. In addition, the BA will gauge public views through other channels, including the BA website, focus group meetings of the Television and Radio Consultative Groups and a public hearing.

As the Secretariat for the BA, the Broadcasting Division of the Television and Entertainment Licensing Authority (TELA) is responsible for assisting the BA in conducting the mid-term review. Most of the expenditure involved is absorbed from within TELA's existing resources, and TELA does not have a breakdown of the expenditure for this item.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)114

Question Serial No.

1557

Head: 180 Television and Subhead
Entertainment Licensing (No. & title):
Authority

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: In 2008-09, what was the expenditure involved in funding the organisation of the "Entertainment Expo Hong Kong"? How many cases were facilitated by the Hong Kong-Asia Film Financing Forum? In 2009-10, what will be the expenditure involved with regard to the "Entertainment Expo Hong Kong"?

Asked by: Hon. EU Yuet-mee, Audrey

Reply: Coordinated by the Hong Kong Trade Development Council, "Entertainment Expo Hong Kong" is a conglomeration of spectacular showbiz events organized by different organizations running concurrently to gain momentum. These events include the Hong Kong International Film Festival, the Hong Kong Film Awards, the Hong Kong - Asia Film Financing Forum, the Asian Film Awards, the Hong Kong International Film and Television Market, the Digital Entertainment Leadership Forum, the IFPI Hong Kong Top Sales Music Award, the Hong Kong Independent Short Film & Video Awards, and the Hong Kong Music Fair. All nine events will take place from March to April 2009 and funds for the events are raised by the respective organizers through different channels. Funding has been earmarked in 2008-09 under the Film Development Fund (FDF), which is administered by the Television and Entertainment Licensing Authority, to sponsor part of the Entertainment Expo Hong Kong and three other events to be held from March to April 2009. Details of the sponsorship are as follows:

	<u>\$million</u>
Entertainment Expo Hong Kong (Funding the promotion activities and the gala opening)	1.76
Hong Kong Film Awards Presentation Ceremony to celebrate 100 th Anniversary of Hong Kong Films	5.85
Hong Kong - Asia Film Financing Forum 2009	3.80
Asian Film Awards	7.15
Total:	18.56

Organized by the Hong Kong International Film Festival Society, the Hong Kong - Asia Film Financing Forum (HAF) aims at facilitating co-financing and co-production of outstanding film projects and further developing Hong Kong into a film financing centre in Asia. HAF 2009 will be held in late March 2009 and the results are not available yet. For HAF 2008 which was held in March 2008, it facilitated the financing of six film projects.

Using the funding earmarked in 2008-09, Entertainment Expo Hong Kong 2009 will be staged in late March 2009. As at today, we have not yet received funding application from the organizer for staging the event in the next year (i.e. 2010).

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)115

Question Serial No.

2708

Head: 180 Television and Subhead
Entertainment Licensing (No. & title):
Authority

Programme: (1) Broadcast Monitoring and Regulation

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: It is noted that there is a drastic increase of 62.7% in the estimated provision for 2009-10 (an increase of 75% as compared with the original provision for 2008-09). What are the details in this respect? Is the sharp increase related to the under-achievement of the targets as indicated by the key performance measures in 2007 and 2008?

Asked by: Hon. LEUNG Mei-fun, Priscilla

Reply: The estimated increase of 62.7% or \$20.5 million is mainly due to the adjustment of the advertising royalty after the abolition of the royalty. The amount of \$20.5 million will be used as the refund by the Government to Asia Television Limited (ATV) and Television Broadcasts Limited (TVB) of the excess paid by ATV and TVB. This is a one-off payment and is unrelated to the performance targets.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)116

Question Serial No.

2865

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the measures taken by the Administration in facilitating the development of the film industry in 2008-09, what were the financial resources involved and the effectiveness of the measures taken? In 2009-10, what additional measures will the Administration take to strengthen its support for the development of the film industry? What about the financial resources in this regard?

Asked by: Hon. LEUNG Yiu-chung

Reply: In 2008-09, the Film Development Council (FDC)¹ financed small-to-medium budget (i.e. below \$12 million) film productions and other film-related projects which are conducive to the long-term development of the film industry under the Film Development Fund (FDF) Scheme. A total of 11 film production financing applications have been received and processed, of which eight applications involving a total funding of \$21.3 million have been approved. Given that only 60 films were released in Hong Kong in 2008, the utilization of FDF by the local film industry for financing film productions is considered satisfactory. One of the objectives of the FDF is to finance projects for the training of local film talents. Six directors out of the 11 film projects financed by the FDF (3 approved in 2007-08 and 8 approved in 2008-09) are new Hong Kong directors who directed commercial films for the first time. It shows that the FDF has played a role in nurturing film talents whilst strengthening Hong Kong's film industry as a whole. Each film production would involve various sectors of professionals such as on screen talents and those behind the camera. Since these productions are of a relatively low budget, the producers have the incentive to hire new hands who charge lower fees. We believe these productions would meet the goal of training new talents at various levels.

On the other hand, a total of 15 film-related projects at a total funding of \$22.9 million have been approved in 2008-09. The projects include the organization of major film promotion activities, participation of local films in overseas film festivals and financing forums, the production of an industry handbook, codes of practice and a teaching kit. These projects help to boost the profile of Hong Kong films locally and internationally. They also serve the purpose of nurturing film talents.

The film industry welcomes the Government's initiatives to provide funding support for the industry, and has responded positively to the implementation of the FDF Scheme. In 2009-10, \$24.3 million has been budgeted for financing small-to-medium budget film productions, and \$28.5 million for financing other film-related projects.

¹. FDC is a non-statutory advisory committee set up on 15 April 2007 to give advice to the Secretary for Commerce and Economic Development on policies and strategy for the development of the film industry as well as the use of the Film Development Fund, and implement activities conducive to the long term development of the industry.

The FDC also rolled out a large-scale project named “Hong Kong Film New Action” in December 2008 to revitalize Hong Kong film market in Taiwan and Southeast Asia; further expand the Mainland market; and to promote Hong Kong new generation film directors. The key elements of the project are to introduce the Hong Kong new generation directors to the major markets for Chinese language films, including the Mainland, Taiwan, Singapore and Malaysia; to enhance the Hong Kong film industry’s understanding of the latest development of these markets; to enhance the understanding of the producers, distributors and investors of these markets on business opportunities in Hong Kong; and to seek opportunities for collaboration in film production.

The FDC led delegations to visit Taiwan, Guangzhou, Singapore and Malaysia from December 2008 to February 2009. A film festival was also held on the productions of the new generation directors. Besides promoting Hong Kong films and the new generation directors, the delegations’ meetings with the film industry in such markets were able to establish a basis of cooperation in different aspects so as to explore more market opportunities.

The FDC has also commissioned a consultancy firm to conduct market research on the film markets in Taiwan, Singapore and Malaysia. The FDC will share the findings with the Hong Kong film industry so as to facilitate our filmmakers to map out their market development strategy in the light of the latest developments in the region.

A series of business forums and promotional sessions will be staged to further promote the project in end March 2009. The business forums and promotional sessions will provide film practitioners from the Chinese language film markets of the five places concerned the opportunity to engage in direct business negotiations. New generation directors of the Hong Kong film industry will also be invited to participate in the business forums and promotional sessions. To this end, the FDC will prepare publicity materials for the participating directors so that they could promote themselves and their works directly to the buyers, distributors and producers of the five places concerned.

In 2009-10, the FDC will continue with the “Hong Kong Film New Action” initiative by promoting the works of the new generation directors to the audience of the Mainland, Taiwan, Singapore and Kuala Lumpur where publicity and film festivals will be organized for the purpose.

\$4.2 million has been budgeted for implementation of the “Hong Kong Film New Action” project for the financial year 2008-09. We have earmarked \$5.7 million to continue with the project in 2009-10.

Name in block letters	<u>Maisie CHENG</u>
Post Title	<u>Commissioner for Television and Entertainment Licensing</u>
Date	<u>17.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)117

Question Serial No.

2460

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

- Question:
- (a) In 2008-09, what was the amount of subsidy approved under the Film Development Fund?
 - (b) What was the amount of cost recouped by the Government in commensurate with its share of contribution?
 - (c) What is the estimated amount of expenditure for the furtherance of the film industry?
 - (d) What is the estimated amount of expenditure for revitalizing the Southeast Asian market for the films of Hong Kong?

Asked by: Hon. TONG Ka-wah, Ronny

- Reply:
- (a) In 2008-09, the Government has approved, under the Film Development Fund (FDF), a total funding of \$21.3 million for financing eight film projects and \$22.9 million for financing 15 other film-related projects which are conducive to the healthy and long-term development of the local film industry.
 - (b) Since the implementation of the expanded scope of FDF to finance film production in end 2007, 11 film projects have been approved. Of these 11 films, two have been theatrically released in Hong Kong and in the Mainland China since February 2009. As at 9 March 2009, the total box office receipts of the two films are \$21 million. Theatrical release of the two films in places other than Hong Kong and the Mainland will be arranged in the coming months. As such, the sale proceeds of the films are not yet finalized and have not been disbursed to the Government at this stage. The Government will closely monitor the recoupment of cost and sharing of profit from the income of the approved film projects.
 - (c) In 2009-10, a total financial provision of \$58.5 million is budgeted for promotion of the Hong Kong film industry, which includes \$24.3 million for financing film production, \$28.5 for financing other film-related projects, and \$5.7 million for the project "Hong Kong Film New Action" which is a large-scale project launched since December 2008 to revitalize Hong Kong film market in Taiwan and Southeast Asia; further expand the Mainland market; and to promote Hong Kong new generation film directors.
 - (d) As mentioned in (c) above, in 2009-10, \$5.7 million has been budgeted for continuation of the "Hong Kong Film New Action" project to revitalize Hong Kong film market in Taiwan and Southeast Asia; further expand the Mainland market; and to promote Hong Kong new generation film directors.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)118

Question Serial No.

2066

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (2)Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: With regard to the analysis of financial and staffing provision, the provision is \$9.3 million (11.1%) higher than the revised estimate for 2008-09. Please provide the following information:

- (a) What items of expenditure are included in the “increase in provision for new initiatives to promote the local film industry outside Hong Kong” and “non-recurrent expenditure under the FDF”? Please specify in details.
- (b) As reflected in the Indicators, the number of international conferences attended to promote Hong Kong films and Hong Kong as a location for filming decreases from 3 in 2007 and 2008 to 2. Why is there an increase (11.1%) in provision but a decrease in the number of conferences attended?

Asked by: Hon. TSE Wai-chun, Paul

Reply: (a) The Film Development Council (FDC)¹ rolled out a large-scale project named “Hong Kong Film New Action” in December 2008 to revitalize Hong Kong film market in Taiwan and Southeast Asia; further expand the Mainland market; and to promote Hong Kong new generation film directors.

The key elements of the project are to introduce the Hong Kong new generation directors to the major markets for Chinese language films, including the Mainland, Taiwan, Singapore and Malaysia; to enhance the Hong Kong film industry’s understanding of the latest development of these markets; to enhance the understanding of the producers, distributors and investors of these markets on business opportunities in Hong Kong; and to seek opportunities for collaboration in film production.

The FDC led delegations to visit Taiwan, Guangzhou, Singapore and Malaysia from December 2008 to February 2009. A film festival was also held on the productions of the new generation directors. Besides promoting Hong Kong films and the new generation directors, the delegations’ meetings with the film industry in such markets were able to establish a basis of cooperation in different aspects so as to explore more market opportunities.

¹. FDC is a non-statutory advisory committee set up on 15 April 2007 to give advice to the Secretary for Commerce and Economic Development on policies and strategy for the development of the film industry as well as the use of the Film Development Fund, and implement activities conducive to the long term development of the industry.

The FDC has also commissioned a consultancy firm to conduct market research on the film markets in Taiwan, Singapore and Malaysia. The FDC will share the findings with the Hong Kong film industry so as to facilitate our filmmakers to map out their market development strategy in the light of the latest developments in the region.

A series of business forums and promotional sessions will be staged to further promote the project in end March 2009. The business forums and promotional sessions will provide film practitioners from the Chinese language film markets of the five places concerned the opportunity to engage in direct business negotiations. New generation directors of the Hong Kong film industry will also be invited to participate in the business forums and promotional sessions. To this end, the FDC will prepare publicity materials for the participating directors so that they could promote themselves and their works directly to the buyers, distributors and producers of the five places concerned.

In 2009-10, the FDC will continue with the “Hong Kong Film New Action” initiative by promoting the works of the new generation directors to the audience of the Mainland, Taiwan, Singapore and Kuala Lumpur where publicity and film festivals will be organized for the purpose.

The Film Development Fund (FDF) is to meet non-recurrent expenditure. In July 2007, the Government injected \$300 million into the FDF to expand its scope to provide limited support (i.e. 30%) to finance the production of small-to-medium budget films (i.e. below \$12 million). The purposes are to encourage more commercial investment in small-to-medium film productions, create a larger mass of film activities and employment opportunities, and nurture new talents. After the funding approval, the FDF is currently used to finance two categories of projects namely film production financing projects; and other film-related projects which are conducive to the healthy and long-term development of the film industry.

It is estimated that 9 new film production financing projects and 17 new film-related projects will be funded under the FDF in 2009-10.

- (b) The number of international conferences attended to promote Hong Kong films and Hong Kong as a location for filming by the staff of Television and Entertainment Licensing Authority drops from 3 in 2007 and 2008 to 2 in 2009 due to our redeployment of resources to promote Hong Kong films in the Mainland market. There is no correlation between the drop in the number and the increase in the overall financial provision for 2009-10.

Name in block letters	<u>Maisie CHENG</u>
Post Title	<u>Commissioner for Television and Entertainment Licensing</u>
Date	<u>17.3.2009</u>

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)119

Question Serial No.

0682

Head: 180 Television and
Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: With regard to attracting overseas production crews to Hong Kong for film shooting, please specify:

- (a) the number of overseas production crews coming to Hong Kong for location shooting during the past year, i.e. in 2008-09;
- (b) the number of crews successfully invited by the Administration for such a purpose.

Asked by: Hon. WONG Ting-kwong

Reply:

- (a) In 2008-09, 116 overseas production crews came to Hong Kong for their feature films, television productions, TV commercials and stills photo shootings.
- (b) The Television and Entertainment Licensing Authority proactively promotes Hong Kong as an attractive location for film shooting. We maintain a dedicated website on location filming in Hong Kong for production crews to access from all corners of the world. We have been attending the global locations trade show held in Los Angeles since 1999. In 2007 and 2008, we hosted similar trade shows in Hong Kong during the Entertainment Expo period to promote Hong Kong as a location filming attraction in Asia. Through these trade shows, producers around the world seek information on the facilitation service we provide, which is free for local as well as overseas crews. We do not keep statistics on which overseas production crew carrying out location shooting in Hong Kong as a result of their attendance at trade shows or have contacted us through the website.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)120

Question Serial No.

0683

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the Hong Kong International Film Festival (HKIFF), please specify:

- (a) the number of local and overseas visitors successfully attracted to Hong Kong during last year's HKIFF;
- (b) whether the Administration has any plans to further make the HKIFF an international extravaganza for attracting more visitors and filmmakers to Hong Kong.

Asked by: Hon. WONG Ting-kwong

Reply: The funding responsibility over HKIFF rests with the Home Affairs Bureau (HAB) in 2008-09 but will be transferred to the Television and Entertainment Licensing Authority with effect from 1 April 2009. The replies to the questions relating to the performance of HKIFF are largely based on the information provided by HAB, as follows –

- (a) Number of locals attending the 2008 HKIFF activities: 585 642

Number of overseas guests and press attending the 2008 HKIFF: 373

- (b) Since its inception in 1977, HKIFF is one of Asia's most reputable platforms for filmmakers and film professionals from all over the world to launch their new work. It is also a well-established and popular platform for Hong Kong filmgoers to experience outstanding local and overseas films. Being one of the nine events of the Entertainment Expo (EE), HKIFF has been able to enjoy the synergy created, particularly in publicity overseas. HKIFF, together with other EE events, have become a signature mega entertainment event in the region.

The upcoming 33rd HKIFF will be held from 22 March to 13 April 2009. Although the amount of funds received by HKIFF from the Hong Kong Arts Development Council has not been increased in the past few years, HKIFF has continued to provide high quality film festivals for viewers. For example, when compared with last year, the new brand and marketing campaigns for the 33rd HKIFF has successfully attracted a 58% increase in registered attendees and a 66% increase in filmmakers who will be attending the HKIFF screenings.

HKIFF will continue with its effort to brand Hong Kong as the entertainment and film hub of Asia. It will also continue to join hands with other EE events to create a significant impact locally and internationally.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)121

Question Serial No.

0684

Head: 180 Television and Entertainment Licensing Authority
Subhead
(No. & title):

Programme: (3) Film Classification and Control of Obscene and Indecent Articles

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: Regarding the promotion of proper use of the Internet, will the Administration please specify:

- (a) the number of talks/workshops held to promote the use of pornography/violence filtering software or introduce the safe and smart use of the Internet, and the number of participants in these activities during the past year, i.e. 2008-09;
- (b) the respective number of parents, teachers and social workers participating in the aforementioned activities;
- (c) the number of copies of filtering software distributed to the participants through the aforementioned talks/workshops;
- (d) the amount of resources allocated by the Administration for the provision of free filtering software during the past year, i.e. in 2008-09;
- (e) whether it will continue to provide free filtering software? If yes, what are the details of the plan? If not, what are the reasons?

Asked by: Hon. WONG Ting-kwong

- Reply:
- (a) In 2008-09, TELA organized four regional forums, 27 workshops and 332 school talks to promote the smart and safe use of the Internet, and introduce the use of filtering software. A total of 62 400 persons participated in the above activities;
 - (b) All the regional forums and workshops as well as some of the school talks were targeted at parents and about 7 000 parents attended these activities. A small number of teachers and social workers attended the school talks as well;
 - (c) 5 000 copies of filtering software were distributed to the parents who participated in the above activities;
 - (d) \$1 million were spent on the procurement of filtering software for free distribution in 2008-09; and
 - (e) In 2009-10, TELA will continue to co-operate with non-governmental organisations to organize regional forums, workshops and school talks for both parents and students on the smart and safe use of the Internet and the use of filtering software. The forums and workshops will be conducted in selected districts where the parents have greater need. The workshops will continue to provide hands-on training in the use of Internet and the installation and operation of filtering software. Filtering software will be distributed free of charge to parents who have such a need.

On top of the above on-going efforts, the Government has earmarked \$63 million to the Office of the Government Chief Information Officer to conduct a one-year territory-wide campaign on the safe and appropriate use of the Internet, targeting students of primary and junior secondary schools as well as their parents and teachers. The campaign will cover a wide range of issues, one of which would be protection against

objectionable materials on the Internet and it will, among other things, help parents and teachers acquire the knowledge and skill to provide guidance to their children and students in the proper use of the Internet.

Name in block letters Maisie CHENG

Post Title Commissioner for Television
and Entertainment Licensing

Date 17.3.2009

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)122

Question Serial No.

1365

Head: 180 Television and Subhead
Entertainment Licensing Authority (No. & title):

Programme: (2) Film Services

Controlling Officer: Commissioner for Television and Entertainment Licensing

Director of Bureau: Secretary for Commerce and Economic Development

Question: As regards the development of the film industry, please inform the Committee of the following:

- In 2008-09, what tasks had been carried out to promote the development of local film industry?
- In 2008-09, how many film productions applied for the subsidy under the Film Development Fund (FDF)? What were the genres of the films? What were the results of the applications?
- What were the box-office receipts of the films subsidised by the FDF? What were the other achievements of the films (e.g. any awards obtained)?
- How effective is the FDF in strengthening the training of local talents for production and distribution?

Asked by: Hon. WONG Ting-kwong

Reply: (a) In 2008-09, the Film Development Council (FDC)¹ financed film productions and other film-related projects which are conducive to the long-term development of the film industry under the Film Development Fund (FDF) Scheme. A summary of the applications for financing film production in 2008-09 is given in (b) below. A summary of other film-related projects approved in the same financial year is at **Annex**.

The FDC also rolled out a large-scale project named "Hong Kong Film New Action" in December 2008 to revitalize Hong Kong film market in Taiwan and Southeast Asia; further expand the Mainland market; and to promote Hong Kong new generation film directors. The key elements of the project are to introduce the Hong Kong new generation directors to the major markets for Chinese language films, including the Mainland, Taiwan, Singapore and Malaysia; to enhance the Hong Kong film industry's understanding of the latest development of these markets; to enhance the understanding of the producers, distributors and investors of these markets on business opportunities in Hong Kong; and to seek opportunities for collaboration in film production.

The FDC led delegations to visit Taiwan, Guangzhou, Singapore and Malaysia from December 2008 to February 2009. A film festival was also held on the productions of the new generation directors. Besides promoting Hong Kong films and the new generation directors, the delegations' meetings with the film industry in such markets were able to establish a basis of cooperation in different aspects so as to explore more market opportunities.

¹. FDC is a non-statutory advisory committee set up on 15 April 2007 to give advice to the Secretary for Commerce and Economic Development on policies and strategy for the development of the film industry as well as the use of the Film Development Fund, and implement activities conducive to the long term development of the industry.

The FDC has also commissioned a consultancy firm to conduct a market research on the film markets in Taiwan, Singapore and Malaysia. The FDC will share the findings with the Hong Kong film industry so as to facilitate our filmmakers to map out their market development strategy in the light of the latest developments in the region.

A series of business forums and promotional sessions will be staged to further promote the project in end March 2009. The business forums and promotional sessions will provide film practitioners from the Chinese language film markets of the five places concerned to engage in direct business negotiations. New generation directors of the Hong Kong film industry will also be invited to participate in the business forums and promotional sessions. To this end, the FDC will prepare publicity materials for the participating directors so that they could promote themselves and their works directly to the buyers, distributors and producers of the five places concerned.

- (b) In 2008-09, a total of 11 applications for financing film productions have been received. Of these, eight have been approved, two rejected and one is being processed. The film projects are of different genres, including action, romance, suspense, etc.
- (c) Of the 11 films approved (three films approved in 2007-08 and eight in 2008-09), two have been theatrically released in Hong Kong and in the Mainland China since February 2009. As at 9 March 2009, the total box office receipts of the two films are \$21 million. Theatrical release of the two films in places other than Hong Kong and the Mainland will be arranged in the coming months. One of the films has been nominated to participate in the Hong Kong Film Awards and Hong Kong Asian Film Festival, as well as film festivals outside Hong Kong (including Locarno Film Festival, Venice Film Festival, Pusan International Film Festival, Tokyo International Film Festival, Berlin International Film Festival, Taiwan Golden Horse Film Festival, San Francisco International Film Festival, Deauville Asian Film Festival and Barcelona Asian Film Festival). It was awarded the Best Screenplay and Film of Merit by the Hong Kong Film Critics Society Awards.
- (d) One of the objectives of the FDF is to finance projects for the training of local film talents. Six directors of the 11 film projects financed by the FDF are new Hong Kong directors who directed commercial films for the first time. This shows that the FDF has played a role in nurturing film talents whilst strengthening Hong Kong's film industry as a whole. Each film production would involve various sectors of professionals such as on screen talents and those behind the camera. Since these productions are of a relatively low budget, the producers have the incentive to hire new hands who charge lower fees. We believe these productions would meet the goal of training new talents at various levels.

Name in block letters	<u>Maisie CHENG</u>
Post Title	<u>Commissioner for Television and Entertainment Licensing</u>
Date	<u>17.3.2009</u>

Approved “other film-related” projects
In 2008-09

	Content and Category	No. of Items
1.	To finance major film promotion activities, including Entertainment Expo Hong Kong, Hong Kong-Asia Film Financing Forum, Hong Kong Film Awards Presentation Ceremony and Asian Film Awards	4
2.	To finance seminars relating to the long term development of the Hong Kong film industry	1
3.	To finance local films nominated to participate in film festivals or film financing forums overseas	8
4.	To finance the production of “The Hong Kong Filmmakers’ Code of Practice and Film Industry Safety Handbook”	1
5.	To finance the production of a teaching kit for promotion of film education in the senior secondary school visual arts curriculum	1
	TOTAL	15

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

CEDB(CT)123

Question Serial No.

1360

Head: 26 Census and Statistics
Department

Subhead
(No. & title):

Programme: (5) Price/Industry/Service Statistics

Controlling Officer: Commissioner for Census and Statistics

Director of Bureau: Secretary for Commerce and Economic Development

Question: Please advise the development in respect of the following industries:

- (a) The percentage which information technology industry accounts for the local GDP, the value of its gross output as well as the number of employees in this industry.
- (b) The percentage which creative industry accounts for the local GDP, the value of its gross output as well as the number of employees in this industry.
- (c) The percentage which e-business and Internet economy accounts for the local GDP, the value of its gross output or total transaction as well as the number of employees in this industry.

Asked by: Hon. WONG Ting-kwong

- Reply:
- (a) In 2007, value added of the information technology and telecommunications sector was \$55.4 billion, accounting for 3.6% of GDP. The gross output of this sector amounted to \$117 billion. The number of persons engaged was 81 000.
 - (b) In 2007, value added of creative industries was \$60 billion, accounting for 3.9% of GDP. The number of persons engaged in creative industries was 172 000.
 - (c) In 2007, business receipts received from selling goods, services or information in the business sector through electronic means amounted to \$98.3 billion. Figures on value added and persons engaged in respect of e-business and business activities through the Internet are not available.

As establishments providing the required data generally require quite some time to prepare their accounts after the close of the reference year, statistics for 2008 will not be available until late 2009.

Name in block letters FUNG Hing-wang

Post Title Commissioner for Census and Statistics

Date 18.3.2009