

**立法會**  
**Legislative Council**

LC Paper No. CB(4)1481/14-15  
(These minutes have been seen  
by the Administration)

Ref : CB4/PL/ITB/1

**Panel on Information Technology and Broadcasting**

**Minutes of meeting**  
**on Friday, 17 July 2015, at 10:45 am**  
**in Conference Room 1 of the Legislative Council Complex**

- Members present** : Dr Hon Elizabeth QUAT, JP (Chairman)  
Ir Dr Hon LO Wai-kwok, SBS, MH, JP (Deputy Chairman)  
Hon TAM Yiu-chung, GBS, JP  
Hon WONG Ting-kwong, SBS, JP  
Dr Hon Priscilla LEUNG Mei-fun, SBS, JP  
Hon Mrs Regina IP LAU Suk-ye, GBS, JP  
Hon Paul TSE Wai-chun, JP  
Hon Claudia MO  
Hon Steven HO Chun-yin, BBS  
Hon YIU Si-wing, BBS  
Hon Charles Peter MOK, JP  
Hon CHAN Chi-chuen  
Hon Christopher CHEUNG Wah-fung, SBS, JP  
Hon SIN Chung-kai, SBS, JP  
Dr Hon CHIANG Lai-wan, JP  
Hon Christopher CHUNG Shu-kun, BBS, MH, JP
- Member absent** : Hon Emily LAU Wai-hing, JP  
Hon Ronny TONG Ka-wah, SC  
Hon Cyd HO Sau-lan, JP  
Hon LEUNG Kwok-hung  
Hon WONG Yuk-man  
Hon NG Leung-sing, SBS, JP  
Hon MA Fung-kwok, SBS, JP

**Public officers  
attending**

: Agenda item III

Commerce and Economic Development Bureau

Miss Susie HO, JP  
Permanent Secretary for Commerce and Economic  
Development (Communications and Technology)

Mr Victor LAM, JP  
Acting Government Chief Information Officer

Ms Cari WU  
Senior Systems Manager (Information Security) 2

Agenda item IV

Commerce and Economic Development Bureau

Miss Susie HO, JP  
Permanent Secretary for Commerce and Economic  
Development (Communications and Technology)

Miss Joey LAM, JP  
Deputy Government Chief Information Officer  
(Policy and Community)

Mr Gary LAI  
Assistant Government Chief Information Officer  
(Industry Facilitation)

Mr Lawrence LAI  
Chief Systems Manager (Industry Facilitation) 1

Mr Donald MAK  
Chief Systems Manager (Industry Facilitation) 2

Agenda item V

Commerce and Economic Development Bureau

Miss Susie HO, JP  
Permanent Secretary for Commerce and Economic  
Development (Communications and Technology)

Mr Joe WONG, JP  
Deputy Secretary for Commerce and Economic  
Development (Communications and Technology)

Mr Ivanhoe CHANG  
Principal Assistant Secretary for Commerce and  
Economic Development (Communications and  
Technology)B

Mr Jerry LIU  
Head of Create Hong Kong

Mrs Janet CHU  
Assistant Head of Create Hong Kong

**Clerk in attendance** : Ms YUE Tin-po  
Chief Council Secretary (4)3

**Staff in attendance** : Mr Joey LO  
Senior Council Secretary (4)3

Ms Anki NG  
Council Secretary (4)3

Miss Mandy LAM  
Legislative Assistant (4)3

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Action

**I. Confirmation of minutes of meetings**

(LC Paper No. CB(4)1285/14-15 -- Minutes of policy briefing on  
19 January 2015

LC Paper No. CB(4)1201/14-15 -- Minutes of meeting held on  
11 May 2015

LC Paper No. CB(4)1212/14-15(01) -- List of outstanding items for  
discussion

LC Paper No. CB(4)1212/14-15(02) -- List of follow-up actions)

The minutes of the meetings held on 19 January and 11 May 2015 were confirmed.

## **II. Information papers issued since the last meeting**

(LC Paper No. CB(4)1132/14-15(01) -- Administration's response  
(Chinese version only) on the award-granting  
criteria of "the Hong Kong  
ICT Awards" as set out in  
LC Paper No.  
CB(4)889/14-15(01)

LC Paper No. CB(4)1274/14-15(01) -- Submission from a member  
(Chinese version only) of the public received on 30  
June 2015 regarding views  
on domestic free television  
programme service licence

LC Paper No. CB(4)1302/14-15(01) -- Invitation letter and  
publicity materials from the  
Communications Authority  
regarding public hearings  
on the renewal of the  
domestic pay television  
programme service licence  
of Hong Kong Cable  
Television Limited)

2. Members noted that the above papers had been issued for the Panel's information.

## **III. Information security**

(LC Paper No. CB(4)1212/14-15(03) -- Administration's paper on  
information security

LC Paper No. CB(4)1212/14-15(04) -- Paper on information  
security prepared by the  
Legislative Council  
Secretariat (Updated  
background brief))

Presentation by the Administration

3. At the invitation of the Chairman, Permanent Secretary for Commerce and Economic Development (Communications and Technology) ("PSCED(CT)") briefed members on the progress and development of the Government's information security programmes since July 2014. Details of the briefing were set out in the paper provided by the Administration (LC Paper No. CB(4)1212/14-15(03)).

Discussion

*Review of the information technology security policy*

4. Mr Charles Peter MOK enquired about the details of the new round of comprehensive review of the information technology ("IT") security policy by the Office of the Government Chief Information Officer ("OGCIO"). Mr MOK hoped that the scope of the review would be extended to include security policy on the use of IT outside the Government.

5. Acting Government Chief Information Officer ("GCIO (Atg)") advised that the review of the IT security policy was conducted once every few years with a view to strengthening information security in the Government. The last review was conducted in 2012. The new round of review would be conducted in consultation with information security personnel of bureaux/departments ("B/Ds") and information security consultants. The Administration had no intention to extend the scope of the review to cover the information security policy outside the Government at this stage. Nevertheless, the Administration would monitor developments in this regard.

*Increasing cyber security threats*

6. Noting the rising trend of security incident reports received by the Hong Kong Computer Emergency Response Team Coordination Centre ("HKCERT"), Mr YIU Si-wing enquired about the Administration's plan to deal with the issue. He opined that in addition to Internet service providers, the Hong Kong Internet Exchange, and the Hong Kong Internet Registration Corporation Limited, the OGCIO should coordinate with more stakeholders, so as to strengthen protection against cyber attacks on critical information infrastructures. In this regard, Mr Paul TSE enquired about the international benchmark for information security adopted by the Administration.

7. GCIO (Atg) advised that the Administration attached great importance to information and cyber security, and strived to raise public awareness of

information security. The HKCERT was always prepared to provide assistance to small and medium enterprises ("SMEs") and individuals in responding to security incidents and doing recovery. If the incidents were related to crime, the public was advised to report to the Hong Kong Police Force ("HKPF") for investigation. The OGCIO, the HKCERT, and the HKPF maintained close contacts to share cyber security threat information and assist the operators of critical information infrastructures to protect their IT infrastructures. In response to increasing information security threats, the OGCIO launched a thematic Cyber Security Information Portal ([www.cybersecurity.hk](http://www.cybersecurity.hk)) in January 2015 with the objective of providing practical tips and advice, as well as useful tools for the general public to protect their computing devices and websites. With the information provided by the portal, businesses and individuals could gain a better understanding of potential security risks in the cyber world and the security measures to guard against cyber attacks. The portal also provided guidelines and cyber security tool information for general users, SMEs and schools to conduct health checks on computers, mobile devices and websites, and provided practical advice to guard against cyber attacks. GCIO (Atg) said that the HKCERT and the newly formed Hong Kong Government Computer Emergency Response Team maintained a good co-ordination network with related parties in other places outside Hong Kong on information security. The HKCERT also worked closely with software vendors, such as Microsoft, to assist citizens to clean up their computers infected by virus and advise service providers to take proactive measures to remind their clients to clean their computers. GCIO (Atg) added that the Administration adopted international standards, such as ISO 27001, which provided a reliable framework for creating an information security management system, as well as working with the Hong Kong Applied Science and Technology Research Institute, on the development of technology solutions such as data encryption standards and tools. According to the latest Microsoft Security Intelligence Report, Hong Kong's computer infection rate was amongst the lowest in the world.

8. Noting the revelation by Wikileaks that the Independent Commission Against Corruption had sought information about an encryption-cracking surveillance software from an overseas cyber intelligence firm, Mr SIN Chung-kai enquired whether the incident reflected that loopholes had been created in the Government's information security system.

9. GCIO (Atg) advised that the OGCIO had recently conducted a centrally-coordinated vulnerability scanning for all government websites and a series of penetration tests for 100 mission-critical web applications. The OGCIO set up central computer equipment and worked jointly with B/Ds to thoroughly examine and review the security measures of government websites and web applications. Results revealed that B/Ds had put in place effective security

measures to protect their websites and online services against cyber attacks. GCIO (Atg) added that there was no indication that there were any security loopholes within the Government's IT systems.

*Raising public awareness of information security*

10. Noting the increase in the number of cyber crimes and associated financial loss in 2014, the Chairman expressed concern about whether adequate measures had been taken by the Administration to educate local businesses, especially SMEs on the importance of information security. Mr Charles Peter MOK and Ir Dr LO Wai-kwok shared a similar concern.

11. GCIO (Atg) advised that to raise public awareness and knowledge on the importance of information security, the Administration had resorted to different publicity channels with the HKPF and the HKCERT to reach out to different target audience, especially SMEs. To improve the dissemination of the latest information, the Administration also provided security information to members of the public and SMEs via the GovHK Notifications Mobile Application. Through the GovHK Notifications, about 100,000 citizens/SMEs were currently receiving information and alert notifications according to their choice with smartphones. The Administration would continue to promote the importance of information security through various channels.

12. Mr TAM Yiu-chung enquired about the Administration's effort in educating members of the public to protect their personal computers and mobile devices. GCIO (Atg) advised that information and resources on information security, including those on internationally accredited anti-virus software, were available on the Government's InfoSec website ([www.infosec.gov.hk](http://www.infosec.gov.hk)) and the Cyber Security Information portal ([www.cybersecurity.hk](http://www.cybersecurity.hk)).

*Nurturing talents*

13. The Chairman expressed concern about the shortage of talents in the field of information security and in the IT industry as a whole. She opined that the Administration should conduct forecasts on the demand for IT and information security talents over the next five to ten years. The Chairman also enquired about the Administration's effort in nurturing IT talents to cope with information security threats.

14. GCIO (Atg) advised that the Vocational Training Council conducted manpower surveys every few years. According to the findings of the latest survey, the supply of local IT and information security professionals would be sufficient to meet industry demand. GCIO (Atg) added that there were about

1 400 IT professionals holding the Certified Information Systems Security Professional ("CISSP") certification, including about 100 IT professionals within the Government. Meanwhile, the Administration would continue to promote the CISSP certification in collaboration with the IT industry.

#### **IV. Progress update on digital economy**

(LC Paper No. CB(4)1212/14-15(05) -- Administration's paper on facilitating a digital economy

LC Paper No. CB(4)1212/14-15(06) -- Paper on facilitating a digital economy under the Digital 21 Strategy prepared by the Legislative Council Secretariat (Updated background brief)

LC Paper No. CB(4)1336/14-15(01) -- Administration's paper on facilitating a digital economy (power-point presentation materials))  
(Chinese version only)  
(tabled at the meeting and subsequently issued via e-mail on 17 July 2015)

#### Presentation by the Administration

15. At the invitation of the Chairman and with the aid of power-point presentation, Assistant Government Chief Information Officer (Industry Facilitation) briefed members on the progress of initiatives to facilitate a digital economy. Details of the briefing and presentation were set out in the papers provided by the Administration (LC Papers Nos. CB(4) 1212/14-15(05) and CB(4)1336/14-15(01)).

#### Discussion

##### *Collaboration with the industry*

16. Mr Charles Peter MOK and Mr WONG Ting-kwong opined that notwithstanding the Administration's effort to promote information and communications technology ("ICT") adoption amongst small and medium enterprises ("SMEs"), many SMEs still encountered difficulties in adopting ICT solutions in their daily operations. Mr MOK also enquired about the proposed



budget for the new round of Sector-specific Programme ("SSP") to be launched in July 2015.

17. Deputy Government Chief Information Officer (Policy and Community) ("DGCIO") advised that the adoption rate of ICT amongst SMEs had risen dramatically over the years. According to the findings of a survey conducted in 2013, the ICT adoption rates amongst medium and small enterprises were 90% and 70% respectively. The remaining SMEs which did not adopt ICT were mainly those providing personal service and small scale retail businesses. They perceived that ICT adoption would not bring much benefit to their business operation. DGCIO further advised that the new round of SSP aimed at providing funding support for two proposals, each with a maximum funding of \$1.5 million. In 2013-2014, OGCIO provided sponsorship for two projects on land transport and logistics sectors. These projects were aimed at enhancing the operational efficiency of SMEs through adoption of ICT. To provide opportunity for SMEs to learn more about ICT solutions which might be suitable for their operations and for local ICT companies to seek business collaboration with potential clients, OGCIO also organized three events under the brandname "中小企和 IT 人有個約會" in 2014.

18. Mr YIU Si-wing enquired about the effectiveness of the series of events organized under the brand name of "中小企和 IT 人有個約會". He opined that efforts to promote digital economy should be more focused, and business deals successfully matched by the events should be made known to the industry. Sharing a similar view, Mr WONG Ting-kwong opined that the Administration should provide financial support to the ICT industry in promoting e-commerce. The Administration should also promote the benefits of ICT adoption to SMEs.

19. DGCIO advised that OGCIO organized a series of events under the brand name of "中小企和 IT 人有個約會" to match SMEs' requirements of ICT solutions with service offerings of local ICT companies, which featured short one-on-one exchange sessions between small-scale IT companies and SMEs to discuss how ICT solutions could address SMEs' business needs. These sessions provided opportunities for local ICT companies to seek business collaboration with potential clients. Further to the two sessions held in 2013-2014, two sessions were organized for the catering sector and the manufacturing and logistics sectors in December 2014 and April 2015 respectively, with a total attendance of 118 participants from 41 SMEs and 35 ICT companies. Participants found these exchange sessions useful. OGCIO would continue to organize such exchange sessions regularly through a sector-specific approach to promote wider adoption of ICT and innovative solutions among SMEs. The upcoming sector-specific session would be held in August 2015. PSCED(CT) added that an e-commerce expert group under Working

Group on Manufacturing Industries, Innovative Technology, and Cultural and Creative Industries of the Economic Development Commission would discuss the furtherance of e-commerce in Hong Kong, with a view to identifying some possible directions for facilitating e-commerce.

*Use of information and communications technology within the Government*

20. Mr SIN Chung-kai enquired about the Administration's initiatives to promote the use of ICT within the Government in the coming few years.

21. DGCIO advised that the Administration had implemented various measures to promote ICT adoption within the Government. For electronic procurement, all bureaux/departments ("B/Ds") were using the e-Procurement System for the purchase of local IT products and services through standing offer agreements. Permanent Secretary for Commerce and Economic Development (Communications and Technology) ("PSCED(CT)") added that for human resources management, the Government Human Resources Management System was under pilot use by some B/Ds. OGCIO was in parallel devising the strategy for wider rollout to allow more B/Ds to use the system for their human resources management functions and strategic manpower planning. On electronic information management, further to the smooth rollout of Electronic Recordkeeping System ("ERKS") in the Government Records Service and the Communications and Technology Branch of the Commerce and Economic Development Bureau in 2014, the Administration was extending the implementation of ERKS to more B/Ds over the next few years.

*Collaboration with the Mainland*

22. In response to the Chairman's enquiry about the Administration's effort in promoting cross-boundary e-commerce, DGCIO advised that the Administration continued to work closely with the Mainland to facilitate cross-boundary e-commerce. In this regard, Hong Kong and Guangdong jointly established the standing arrangement for the mutual recognition of electronic signature certificates issued by the two places in August 2012. A number of certification authorities in both places had been approved to issue electronic signature certificates with mutual recognition status. These certificates were consolidated in a Trust List which set out the details and gave effect to the mutual recognition status of such certificates. The Trust List had been promulgated in Guangdong and Hong Kong in July 2015.

*Nurturing talents*

23. Mr Charles Peter MOK opined that one of the biggest problems facing the ICT industry was the shortage of talents. He considered that apart from ICT education, the Administration should formulate measures to attract ICT talents from overseas countries in order to strengthen the supply of ICT workforce in Hong Kong. In this regard, the Chairman opined that the current outsourcing arrangement for Government ICT contracts, whereby the bids were selected on the basis of price, and the sub-contracting arrangement had contributed to the low wages and shortage of manpower in the ICT industry. She hoped that the situation could be rectified to facilitate the development of the ICT industry. She also hoped that the Innovation and Technology Bureau could be established soon to spearhead the development of ICT in Hong Kong. Ir Dr LO Wai-kwok shared a similar view.

24. PSCED(CT) advised that the Administration attached great significance to cultivating ICT talents, and would continue to foster academia-industry collaboration to create an environment where a well-qualified ICT workforce could flourish and meet the needs of a digital economy. In this regard, the Administration would continue to implement measures to facilitate the development of ICT manpower, such as providing timely and comprehensive information about IT study, career and profession through career talks and exhibitions, as well as implementing the Enriched IT Programme in Secondary Schools from the 2015/16 school year.

**V. Funding support for the CreateSmart Initiative**

- (LC Paper No. CB(4)1212/14-15(07) -- Administration's paper on funding support for the CreateSmart Initiative
- LC Paper No. CB(4)1212/14-15(08) -- Paper on the establishment of the CreateSmart Initiative in supporting the development of creative industries prepared by the Legislative Council Secretariat (Updated background brief))

## Presentation by the Administration

25. At the invitation of the Chairman, Permanent Secretary for Commerce and Economic Development (Communications and Technology) ("PSCED(CT)") briefed members on the findings of the review on the CreateSmart Initiative ("CSI") and the proposal to increase the commitment of the CSI by \$400 million. Details of the briefing were set out in the Administration's paper (LC Paper No. CB(4)1212/14-15(07)).

## Discussion

### *Contribution to creative industries*

26. Mr Charles Peter MOK declared that he was a member of the CSI Vetting Committee. He expressed support for the proposal to increase the CSI commitment. Noting that the Government had been providing regular funding support to various dedicated programmes under the CSI, Mr MOK enquired about the support provided by the Administration on new creative projects initiated by the trade, and measures to be taken by the Administration to encourage local creative industries to apply for funding support.

27. PSCED(CT) advised that about one-third each of the projects approved under the CSI were focused on fostering creative atmosphere, nurturing talents/facilitating startups and exploring markets respectively. Projects such as the Business of Design Week ("BODW") and DFA Awards were the design signature events of Hong Kong. BODW had grown in scale and built up a strong brand over the years. The CSI adopted a "partnership approach" whereby the trade initiated and implemented support programmes with funding support from the Government. The market-driven and trade-championed nature of the projects allowed the trade to organize programmes which best fitted the needs of their respective creative sectors. Head of Create Hong Kong ("Head of CreateHK") supplemented that after the initial five years of CSI's operation, the percentage of new projects approved under the CSI in 2014/15 was over 40%. In the case of repeated projects, CreateHK would encourage new project elements to be introduced by the project applicants from time to time, whom would be accorded with additional funding support if considered meritorious.

28. Mr SIN Chung-kai expressed support for the proposed injection of funding into the CSI. Noting that the Innovation and Technology Fund was established to provide funding support for projects that contributed to the promotion of innovation and technology advancement of Hong Kong, Mr SIN enquired whether the Administration would consider establishing a similar funding mechanism for supporting the sustained development of creative industries.

29. PSCED(CT) advised that the Administration had no immediate intention to establish a dedicated funding mechanism for supporting creative industries, despite that many of the projects funded by the CSI relied substantially on the funding support from the Government. The Administration generally considered that the CSI had so far fulfilled its mandate in supporting the development of Hong Kong's creative industries. Echoing the views of stakeholders and taking into account the findings and recommendations of the CSI review, in future, the Administration would encourage or accord priority to projects which focused on nurturing of talents, incubation for startups and promotion of Hong Kong designers and brands under the CSI, etc., with a view to building up a nurture-based progressive ladder of CSI-funded programmes. Mr SIN Chung-kai urged the Administration to consider setting up a dedicated fund for supporting the sustained development of creative industries in the medium to long term.

*Performance assessment*

30. Mr YIU Si-wing enquired about the performance indicators for projects to be funded by the CSI, such as the number of job opportunities to be created, the number of companies to be assisted and the anticipated value of the output of these companies.

31. Head of CreateHK advised that over 8600 job opportunities, including over 1400 directly created ones, had been created through the implementation of CSI-funded projects. He added that the number of job opportunities created was only one of the performance indicators to assess the effectiveness of CSI-funded projects. Over the years, about 900 small and medium enterprises had made or received over 7300 business contacts or enquiries in the business events.

32. Head of CreateHK also advised that as the CSI would focus on supporting nurturing talents and incubation programmes in the coming few years, the number of job opportunities to be created might not be as high as expected. For the purpose of assessing the performance of projects funded under the CSI, graduates from incubation programmes would be required to provide annual business turnovers and the number of new employees every year. It would be difficult to estimate the number of job opportunities to be created at this stage as it would depend on the number of applications received and approved under the CSI. At the request of Mr YIU Si-wing, Head of CreateHK undertook to provide information on the performance indicators for assessing the effectiveness of CSI-funded projects since the launch of the scheme in 2009.

Admin

33. As it was already 12:40 pm, five minutes from the appointed ending time of the meeting, the Chairman directed that the meeting be extended for 10 minutes.

*Promotional efforts*

34. Noting that CreateHK and other government departments were eligible to apply for funding under the CSI, Mr TAM Yiu-chung enquired about the rationale for the eligibility criteria. He also enquired about measures to be taken by the Administration to promote the development of creative industries.

35. Head of CreateHK advised that CreateHK and other government departments were included as eligible applicants with a view to maximizing the scope and expertise in promoting the development of creative industries. In 2009-2010, two applications related to the production of documentaries and animation films respectively and submitted by the Television Division of Radio Television Hong Kong were approved. Since 2010, the CSI had not received any application from any government departments. In the past, promotional activities were launched by the event organizers which had focused on promoting the events. CreateHK would continue to enhance publicity of itself and the CSI to ensure a wider public reach in promoting creativity, including strengthening collaboration with the media and the trade, organizing outreach activities and featuring success stories.

Summing up

36. The Chairman expressed support for the proposal to increase the CSI commitment and concluded that the Panel supported in principle the proposed injection of \$400 million into the CSI to continue supporting the development and promotion of creative industries.

**VI. Any other business**

37. There being no other business, the meeting ended at 12:47 pm.