香港特別行政區政府

創新及科技局

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INNOVATION AND
TECHNOLOGY BUREAU

THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION

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<u>By Email</u>

8 May 2018

Mr Daniel SIN,
Clerk to Panel,
Panel on Information Technology and Broadcasting,
Legislative Council Complex,
1 Legislative Council Road,
Central, Hong Kong

Dear Mr SIN,

Supplementary Information for
the Panel on Information Technology and Broadcasting

At the Panel meeting on 12 March 2018, Members requested the Administration to provide information on the expenditure incurred in the development and implementation of electronic certificates (e-Cert) and the number of e-Cert users as well as the data to be collected and disseminated under the pilot "Multi-functional Smart Lampposts" scheme.
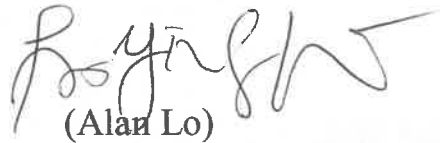
(1)　<u>e-Cert</u>

As at end-March 2018, the total expenditure incurred in the system development and operation of e-Cert is $417 million. Since April 2007, the operation of e-Cert services has been outsourced to a private company, which is responsible for the operational cost for providing e-cert service. Since e-Cert was introduced in 2000, the Hongkong Post Certification Authority has issued around 2 044 000 e-Certs of various types. At present, there are

around 119 000 valid e-Certs, of which 12 030 are e-Cert (Personal) including 136 embedded on Smart ID Cards issued by the Immigration Department.

(2)   Pilot "Multi-functional Smart Lampposts" Scheme

In consultation with the relevant departments, information on the city data to be collected and disseminated is at **Annex**.

Yours sincerely,

(Alan Lo)
for Secretary for Innovation and Technology

Encl.

c.c.   Office of the Government Chief Information Office – w/Encl.

Data Planned to be Collected and Disseminated in
Pilot Multi-functional Smart Lampposts Scheme

Departments	Data Planned to be Collected	Data Planned to be Disseminated	Media Planned for Dissemination[1]
Transport Department (TD)	- Number of vehicles by types - Vehicle speed, traffic flow and journey time - Traffic photo image	- Number of vehicles by types - Vehicle speed, traffic flow and journey time - Traffic photo image	- Public Sector Information (PSI) Portal (data.gov.hk) - TD website (td.gov.hk) / mobile app
	- Licence plate number (for internal use to count the number of different types of vehicles on the roads; data collected will not be kept)[2] - Traffic streaming video (the traffic streaming videos are used for internal monitoring of traffic conditions; data collected will not be kept)[2]	-	-
Tourism Commission	-	- Traffic photo images collected by TD can be made available to the travel trade/agents for reference in itinerary planning to avoid congested areas and enhance the travel experience of tourists in Hong Kong	- Public Sector Information Portal (data.gov.hk) - TD website (td.gov.hk) / mobile applications

Departments	Data Planned to be Collected	Data Planned to be Disseminated	Media Planned for Dissemination[1]
		- The Tourism Commission will remind the travel trade/agents to obtain relevant information from TD's website/mobile app	
Hong Kong Observatory (HKO)	- Meteorological data including temperature, relative humidity, wind speed and direction, rainfall amount, ultraviolet (UV) index and ambient gamma radiation level	- Meteorological data including temperature, relative humidity, wind speed and direction, rainfall amount, UV index and ambient gamma radiation level	- PSI Portal (data.gov.hk) - HKO website (hko.gov.hk)
Environmental Protection Department (EPD)	- Concentrations of nitrogen dioxide and PM2.5	- Concentrations of nitrogen dioxide and PM2.5	- PSI Portal (data.gov.hk) - EPD website (epd.gov.hk)
	- Data from the video analytics system on illegal dumping activities at public area, such as licence plate numbers of vehicles (data will be used for internal operation only; the collected data will be erased regularly or as soon as practicable after case closed) [2]	-	-

Departments	Data Planned to be Collected	Data Planned to be Disseminated	Media Planned for Dissemination[1]
	- Smoke concentration level and relevant data of vehicles, such as licence plate numbers of vehicles (smoke level is to assess whether vehicles have emitted excessive smoke; data will be used for internal operation only)[2]		

Note:

[1] Data is disseminated in machine-readable format through the Public Sector Information Portal (data.gov.hk) and websites of relevant departments.

[2] Data collection and usage will strictly comply with the Personal Data (Privacy) Ordinance.