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ENVIRONMENT BUREAU
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Council Business Division 1
Legislative Council Secretariat
Legislative Council Complex
1 Legislative Council Road
Central, Hong Kong
(Attn.: Ms Mandy POON)

26 July 2019

Dear Ms POON,

Panel on Environmental Affairs
List of Follow-up Actions from the Meeting on 27 May 2019

Further to the discussions on the promotion of energy efficiency and conservation as well as renewable energy through innovation and technology by the Panel on Environmental Affairs at its meeting dated 27 May 2019, supplementary information provided by relevant departments is consolidated at the Annex for Members' reference.

Yours sincerely,

A handwritten signature in blue ink, appearing to be 'Fanny CHEUNG'.

(Fanny CHEUNG)
for Secretary for the Environment

Encl.

(a) The road maps and implementation timetables for the following initiatives on promoting energy efficiency and conservation as well as reducing greenhouse gas emissions:

(i) replacing street lamps with light emitting diode (LED) lights

Highways Department (HyD) commenced the replacement of the public lighting points with LED lights in 2017-18. As at April 2019, about 13 000 lighting points have been replaced with LED lights. HyD's target is to replace 9 200 lighting points, including 6 500 road lights, 1 200 sign gantry/roadside directional sign lights and subway/footbridge lights, with LED lights every year.

(ii) encouraging data centre operators to adopt green data centre practices, including reducing energy consumption on air conditioning

In view of the high power consumption of data centres, the Government has introduced a number of initiatives to promote the adoption of energy efficiency practices among data centre operators, including:

- sharing the "Green Data Centre Practices" adopted in the Government via the web page of the Office of the Government Chief Information Officer (OGCIO) for reference of local data centre operators;
- requiring applicants who apply for the concessionary scheme for converting industrial buildings for data centre development to submit an energy saving plan; and
- including provisions on greenery area in the conditions of land leases for dedicated sites for the development of high-tier data centres to ensure that the developers shall

incorporate appropriate measures to enhance energy efficiency and minimise environmental impacts.

To support the green policy of the Government and to develop and sustain Hong Kong as a major data centre hub in the region, OGCIO initiated a project in November 2018 to draw up a new set of assessment tools and practice guide specifically for local data centres. To this end, consultations among the industry and stakeholders would be conducted in the third quarter of 2019. OGCIO plans to publish the assessment tools and practice guide in the first quarter of 2020 for reference of the local industry.

- (iii) further expanding the charging network for electric vehicles with a view to promoting the adoption of such vehicles

The Government will extend the public electric vehicle (EV) charging networks at government car parks in the coming three years, including installation of additional medium chargers at the car parks managed by the Transport Department, the Government Property Agency and the Leisure and Cultural Services Department which are fully or partly open to the public. Over 1 000 additional public chargers are expected to be in place by 2022, bringing the total number of chargers to about 1 700.

- (b) the rate of reduction in Hong Kong's energy intensity since the announcement of the Energy Saving Plan for Hong Kong's Built Environment 2015~2025+ in 2015**

Between 2015 and 2017, the energy intensity of Hong Kong had reduced by about 5%.

- (c) the respective number of innovation and technology ("I&T") solutions uploaded onto the E&M InnoPortal by each of the 12 prospective I&T strategic partners (as at 27 May 2019) of the Electrical and Mechanical Services Department.**

As at June 2019, six out of the 12 I&T partners have uploaded their I&T solutions onto the E&M InnoPortal. The respective numbers are as follows:

I&T partners	No. of Solutions
City University of Hong Kong	9
Hong Kong Science and Technology Parks Corporation	36
The Chinese University of Hong Kong	7
The Hong Kong Applied Science and Technology Research Institute Company Limited	4
The Hong Kong Cyberport Management Company Limited	1
The Hong Kong Polytechnic University	8
The Hong Kong University of Science and Technology	8
The Logistics and Supply Chain MultiTech R&D Centre	5
The University of Hong Kong	7