

本署檔號  
Our Ref: ( ) in EP11/EV2/5  
來函檔號  
Your Ref:  
電話  
Tel. No.: 2594 6401  
圖文傳真  
Fax. No.: 2827 8040  
電子郵件  
Email: stmak@epd.gov.hk

**Environmental Protection Department**

Revenue Tower Office  
33/F, Revenue Tower,  
5 Gloucester Road,  
Wan Chai, Hong Kong



環境保護署  
稅務大樓辦事處  
香港灣仔  
告士打道五號  
稅務大樓三十三樓

28 January 2019

Chief Council Secretary(1)1  
Council Business Division 1  
Legislative Council Secretariat  
Legislative Council Complex,  
1 Legislative Council Road, Central  
Hong Kong  
(Attn: Ms Angel SHEK)

Dear Ms SHEK,

**LEGISLATIVE COUNCIL  
PANEL ON ENVIRONMENTAL AFFAIRS**

**Providing Supplementary Information for Agenda Item on  
“Promoting the use of electric vehicles” on 28 January 2019**

Regarding Hon Tanya CHAN's letter issued on 23 January 2019 on requesting the Environment Bureau to provide supplementary information to the Panel on Environmental Affairs, our responses to the request are at **Annex** for Members' information.

For enquiries, please contact me at 2594 6401.

Yours sincerely,

(MAK Shing-tat)  
for Director of Environmental Protection

Encl.

**1. As at December 2018, the figure of registered and licensed private cars by fuel type (Petrol, Diesel, Electric, Liquefied Petroleum Gas (LPG) and Others) and the total number of registered private cars**

As at end December 2018, the statistics of registered and licensed private cars by fuel type is tabulated as follows:

	<b>Petrol</b>	<b>Diesel</b>	<b>Electric</b>	<b>LPG</b>	<b>Others<sup>[1]</sup></b>	<b>Total</b>
<b>No. of Registered Private Cars</b>	594 526	11 999	11 080	0	78	<b>617 683</b>
<b>No. of Licensed Private Cars</b>	543 083	11 399	10 670	0	61	<b>565 213</b>

**2. As at December 2018, the number of “One-for-one Replacement” Scheme applications received and approved by month**

As at end December 2018, the breakdown of “One-for-one Replacement” Scheme applications received and approved by month is tabulated as follows.

<b>Application Month</b>	<b>Number of Applications</b>	
	<b>Received</b>	<b>Approved</b>
March 2018	11	11
April 2018	28	27
May 2018	13	14
June 2018	28	24
July 2018	12	13
August 2018	41	33
September 2018	44	47
October 2018	48 <sup>[i]</sup>	49 <sup>[i]</sup>
November 2018	49	50
December 2018	55	55
<b>Total</b>	<b>329<sup>[ii]</sup></b>	<b>323<sup>[iii]</sup></b>

Note:

[i] Including 1 application withdrawn by the applicant

[ii] Including 3 applications rejected for not meeting the eligibility criteria of the Scheme and 3 applications under processing

[iii] As at end December 2018, 321 of those approved applications have been granted with partial or full FRT concessions under the Scheme

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<sup>1</sup> Including various vehicles with power plants such as turbine engines, fuel cell vehicles, etc. of which fuel types cannot be further classified.

3. Since the implementation of “One-for-one Replacement” Scheme, the total number of old private cars de-registered after being scrapped and meeting the requirements of the “One-for-one Replacement” Scheme of each month

Month of de-registration (2018)	Total number of private cars de-registered after being scrapped and meeting the 6-year age and 3-year ownership period requirements of the “One-for-one Replacement” Scheme
February	3
March	274
April	354
May	398
June	492
July	520
August	571
September	513
October	647
November	544
December	472
<b>Total</b>	<b>4 788</b>

Note: The above number of private cars only includes those scrapped on or after 28 February 2018.

4. As at December 2018, the number and estimation of private cars eligible for the “One-for-one Replacement” Scheme (assuming no change in the number of registered private cars (as at 31 December 2018) for the future three years)

As at 31 December 2018, the numbers and estimated numbers of registered private cars (PC) that meet the eligibility criteria of age and ownership period of old private cars for the “One-for-one Replacement” Scheme are tabulated as follows.

	<b>Having been first registered for six years or more</b>	
	Its owner having owned the PC for three years or more without interruption	Its owner having owned the PC for one year or more without interruption
Number of PCs as at 31 December 2018	197 994	287 619
<b>Projected maximum number</b> of PCs as at 31 December 2019	267 682	396 505

	<b>Having been first registered for six years or more</b>	
	Its owner having owned the PC for three years or more without interruption	Its owner having owned the PC for one year or more without interruption
<b>Projected maximum number of PCs as at 31 December 2020</b>	364 594	442 513
<b>Projected maximum number of PCs as at 31 March 2021</b>	395 733	454 849

Note: The above estimation is made assuming that there will be no change in the number of registered PCs between 31 December 2018 and 31 March 2021 and no transfer of ownership of relevant PCs.

## **5. As at December 2018, the total number of (i) standard, (ii) medium and (iii) quick public electric vehicle chargers in Hong Kong, with breakdown by district**

As at end December 2018, there are 2 166 public chargers (including government and non-government) of various types in Hong Kong covering all 18 districts, including 844 standard chargers, 824 medium chargers and 498 quick chargers. The breakdown of public electric vehicle chargers by district is tabulated as follows.

<b>District</b>	<b>Number of Chargers</b>					
	<b>Standard</b>		<b>Medium</b>		<b>Quick</b>	
	Govern- ment	Non- Govern- ment	Govern- ment	Non- Govern- ment	Govern- ment	Non- Govern- ment
Central & Western	52	10	93	17	0	36
Eastern	11	17	50	13	0	52
Southern	0	4	0	11	0	27
Wan Chai	18	49	65	52	0	35
Kowloon City	61	3	0	1	0	15
Kwun Tong	13	201	4	77	0	42
Sham Shui Po	9	6	32	10	0	37
Wong Tai Sin	5	19	35	11	0	9
Yau Tsim Mong	40	61	6	36	0	50
Kwai Tsing	9	16	0	9	0	33
Tsuen Wan	7	10	33	13	0	9
Sai Kung	6	18	20	11	0	25
North	6	18	15	10	0	12
Tai Po	25	3	0	3	0	7

District	Number of Chargers					
	Standard		Medium		Quick	
	Govern- ment	Non- Govern- ment	Govern- ment	Non- Govern- ment	Govern- ment	Non- Govern- ment
Sha Tin	43	34	20	24	0	47
Yuen Long	9	37	2	31	0	18
Tuen Mun	0	10	0	10	0	17
Islands	0	14	89	21	4	23
Subtotal	314 <sup>[i]</sup>	530	464 <sup>[ii]</sup>	360	4	494
Total	844		824		498	
	2 166					

Note:

[i] Include (1) 94 chargers with both standard and medium charging functions installed at Transport Department and Government Property Agency's car parks;  
(2) 61 chargers located at car parks to be demolished; and  
(3) 159 chargers located at Leisure and Cultural Services Department, Housing Department and Tourism Commission's car parks.

[ii] Include 94 chargers with both standard and medium charging functions as mentioned in Note [i](1). These chargers with two charging speeds provide an alternative for electric vehicles, hence no need to be removed.