

**CONTROLLING OFFICER'S REPLY**

**FHB(FE)302**

**(Question Serial No. 4540)**

Head: (49) Food and Environmental Hygiene Department

Subhead (No. & title): (-) Not specified

Programme: (2) Environmental Hygiene and Related Services  
(3) Market Management and Hawker Control

Controlling Officer: Director of Food and Environmental Hygiene (Miss Vivian LAU)

Director of Bureau: Secretary for Food and Health

Question:

With regard to the work of delivering the food waste collected from public markets and cooked food centres to the new Organic Waste Treatment Facility for treatment, please inform this Committee of the following:

- (1) Please provide the expenditure involved and the breakdown of the expenditure, the number and names of the selected markets and cooked food centres and the selection criteria.
- (2) According to the reply last year, a pilot scheme would be launched in the second half of 2018. Please provide the latest details of the pilot scheme, including the implementation date, collection details, the estimated amount of food waste to be collected and actual amount of food waste collected.
- (3) How will the Department evaluate the effectiveness of the work done?

Asked by: Hon KWOK Ka-ki (LegCo internal reference no.: 121)

Reply:

The pilot scheme of collection and delivery of food waste from government premises to the Organic Resources Recovery Centre Phase 1 (O ▪ PARK1) contributes to the waste management policy of the Environment Bureau.

To encourage the commercial and industrial sectors to recycle food waste properly and support waste-to-energy facilities, the Government has implemented the first phase of a pilot scheme for 2 years to separate food waste at source from 40 public markets and cooked food venues managed by the Food and Environmental Hygiene Department among other participating venues for delivery to the O ▪ PARK1 for recycling. The pilot scheme was launched on 1 July 2018 for a period of 2 years.

Under the pilot scheme, FEHD engages service contractors to collect source-separated food waste generated from the selected public markets and cooked food venues. Stall operators will be encouraged to donate recyclable food waste on a voluntary basis and FEHD will arrange a contractor to deliver the food waste to the O • PARK1.

The pilot scheme was designed to identify and determine key operational and logistics issues in collecting and transporting food waste to the O • PARK1. To enhance the quality of the food waste to be collected and encourage the stall operators to recycle and handle food waste properly, the Environmental Protection Department (EPD) has arranged a non-governmental organisation to provide practical guidance to the stall operators on how to separate food waste at source, conduct talks to explain the arrangement and visit individual stall operators to give advice at the beginning and during the implementation of the pilot scheme.

FEHD's markets and cooked food venues covered in the pilot scheme are selected with regard to their proximity to the O • PARK1, accessibility of land transport, the amount of food waste generated, and site availability in support of separation of food waste at source. A list of the markets and cooked food venues participating in the first phase of the pilot scheme is at Annex.

Since the implementation of the first phase of the pilot scheme for free collection of food waste, the amount of food waste collected from FEHD's markets and cooked food venues is about 200 tonnes per month. The expenditure involved in 2019-20 is about \$22.7 million.

To further promote recycling of food waste, EPD is gearing up for the implementation of the second phase of the pilot scheme in 2020-21, which will include the extension of free collection of food waste to other organisations as well as other markets and cooked food venues managed by FEHD.

Based on the report "Monitoring of Solid Waste in Hong Kong" compiled by EPD, the statistics on the quantity of food waste disposed of and generated at landfills as well as the recovery rate concerned from 2014 to 2018 are set out in the table below. In 2018, the average daily quantity of food waste disposed of at landfills was 3 565 tonnes, which has decreased by 2.6% as compared to 2017. The recovery rate has increased as compared to the past year. Since July 2018, the O • PARK1 has started receiving and treating food waste from the commercial and industrial sectors, including the approximate 200-tonne food waste collected monthly from FEHD's markets and cooked food venues. This, coupled with the second phase of the pilot scheme to be implemented to transport some of the food waste from the commercial, industrial and domestic sources to the food waste treatment facilities for processing, will help reduce waste disposal and promote waste recycling in the long run.

Year	Overall municipal food waste		
	Amount of food waste disposed of (Tonnes per day)	Amount of food waste generated (Tonnes per day)	Recovery rate
2014	3 640	3 659	0.5%
2015	3 382	3 420	1.1%
2016	3 600	3 643	1.2%
2017	3 662	3 702	1.1%

2018	3 565	3 639	2.0%
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Remarks: The relevant statistical data on waste for 2019 is still being compiled by EPD.

**Selected public markets and associated cooked food centres  
in the first phase of the pilot scheme**

<b>District</b>	<b>Name of public markets/cooked food centres</b>
Central and Western	Sheung Wan Market and Cooked Food Centre
	Smithfield Market and Cooked Food Centre
	Shek Tong Tsui Market and Cooked Food Centre
	Sai Ying Pun Market
Eastern	Sai Wan Ho Market and Cooked Food Centre
	Yue Wan Market and Cooked Food Centre
	Java Road Market and Cooked Food Centre
	Chai Wan Market and Cooked Food Centre
	Quarry Bay Market and Cooked Food Centre
	Electric Road Market and Cooked Food Centre
	Aldrich Bay Market and Cooked Food Centre
Southern	Aberdeen Market and Cooked Food Centre
	Yue Kwong Road Market and Cooked Food Centre
	Tin Wan Market and Cooked Food Centre
	Ap Lei Chau Market and Cooked Food Centre
Wan Chai	Causeway Bay Market
	Wan Chai Market
	Bowrington Road Market and Cooked Food Centre
	Lockhart Road Market and Cooked Food Centre
	Wong Nai Chung Market and Cooked Food Centre
Kowloon City	Kowloon City Market and Cooked Food Centre
	To Kwa Wan Market and Cooked Food Centre
	Hung Hom Market and Cooked Food Centre
Mong Kok	Fa Yuen Street Market and Cooked Food Centre
	Tai Kok Tsui Market and Cooked Food Centre
Sham Shui Po	Po On Road Market and Cooked Food Centre
	Pei Ho Street Market and Cooked Food Centre

<b>District</b>	<b>Name of public markets/cooked food centres</b>
Wong Tai Sin	Tai Shing Street Market and Cooked Food Centre
	Ngau Chi Wan Market and Cooked Food Centre
	Choi Hung Road Market and Cooked Food Centre
	Sheung Fung Street Market
Yau Tsim	Kwun Chung Market and Cooked Food Centre
	Yau Ma Tei Market
	Haiphong Road Temporary Market cum Haiphong Road Temporary Cooked Food Hawker Bazaar
Kwai Tsing	North Kwai Chung Market
	Wing Fong Street Market
	Tsing Yi Market
Tsuen Wan	Tsuen Wan Market
	Yeung UK Road Market
	Heung Che Street Market and Cooked Food Centre

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