



# 垃圾收費

## MSW Charging



# Municipal Solid Waste(MSW)charging training material for Higher Educations

# Training Framework

1. Overview of MSW charging
2. Legislative Requirements
3. Implementation of MSW Charging in Higher Education Premises
  - Determination of the Applicable Charging Mode(s) for the Premises
  - Implementing “Charging by Designated Bags”
  - Implementing “Charging by Weight”
4. Waste Reduction and Recycling Arrangements

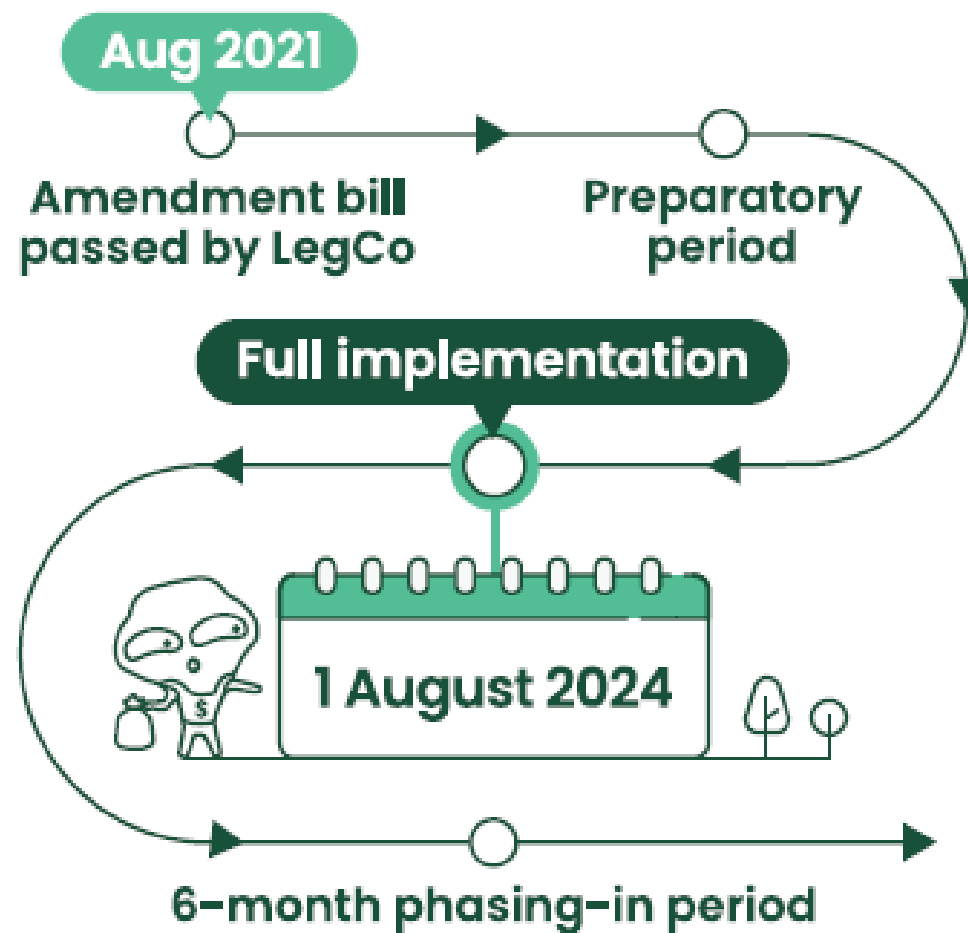
# Overview of the MSW charging



# Overview of MSW charging

## Schedule

- ◆ MSW Charging will be implemented on 1 August 2024





# Overview of MSW charging

## Background

Push for carbon emission reduction and combat climate change

Enhance waste reduction and recycling

Relieve the burden on landfills

Help reduce carbon emissions

Create green job opportunities

Facilitate the sustainable development of related industries and the creation of green job opportunities



# Overview of MSW charging

## Principle

The **more waste** you dispose of,  
the **more you pay**

Based on the “**Polluter-pays**” principle, to  
be charged based on the quantity of  
waste disposed of



Regardless of which of the  
charging mode(s) is/are adopted, the  
**waste producers are responsible for  
the concerned charges.**



# Overview of MSW charging

## Coverage



Domestic  
waste



Commercial  
and  
Industrial waste



**Construction waste, chemical waste, and clinical waste are not subject to the MSW charging regime**



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# Overview of MSW charging

## Charging Modes



Charging by  
Designated Bags

or



Charging by  
Weight

Charging by pre-paid designated garbage bags  
/designated labels

Charging by weight



The applicable charging mode(s) depends on the existing waste collection arrangements on the premises







# Overview of MSW charging

## Charging Mechanism

- ◆ Waste collected by FEHD's and other contractors refuse collection vehicles (RCVs) (with or without rear compactor) or private waste collectors' (PWCs) RCVs with rear compactors.
- (Mainly suitable for **general waste** in **higher education premises**.)



FEHD's and other contractors' RCVs



PWC's RCVs with rear compactors

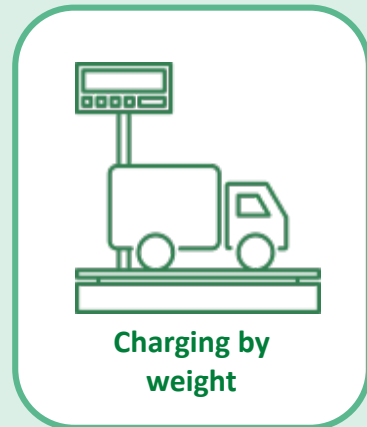


Charging by designated bags/labels

- ◆ Waste collected by **PWCs' RCVs without rear compactors**.
- (Mainly suitable for higher education premises to dispose of waste that is **oversized, irregularly shaped, and collected using a refuse skip**.)



PWC's RCVs without rear compactors



Charging by weight

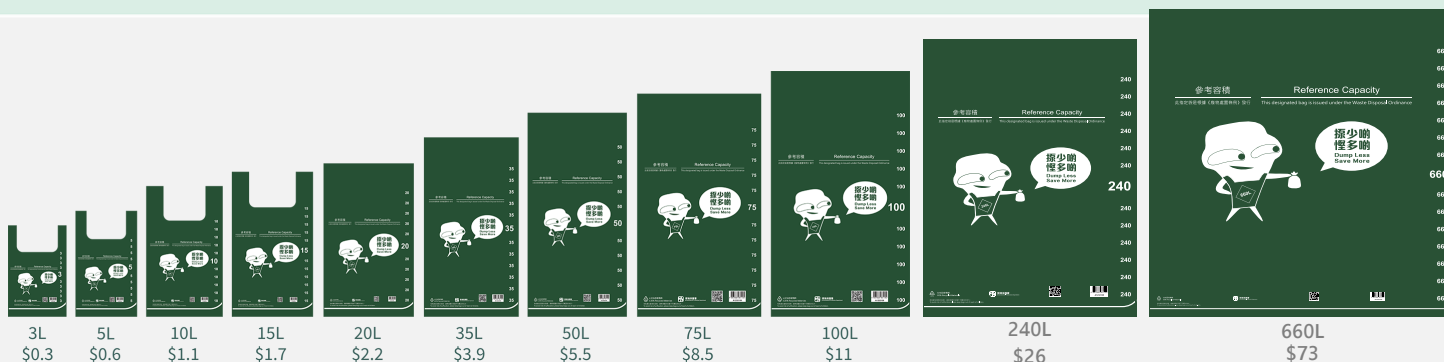


# Overview of MSW charging

## Charging by Designated Bags

### General Waste

### Wrapped in designated bags



Charged at \$0.11 per litre

9 different common sizes (ranging from 3-litre to 100-litre)

2 Designs: T-shirt bag and Flat-top bag

Designated bags are also available in 240-litre and 640-litre, charged at \$26 and \$73 per bag respectively. Application and approval by EPD is needed for purchasing these two types of bags

### Oversized Waste ( cannot be wrapped in designated bags )

Affix with a designated label on each piece of oversized waste

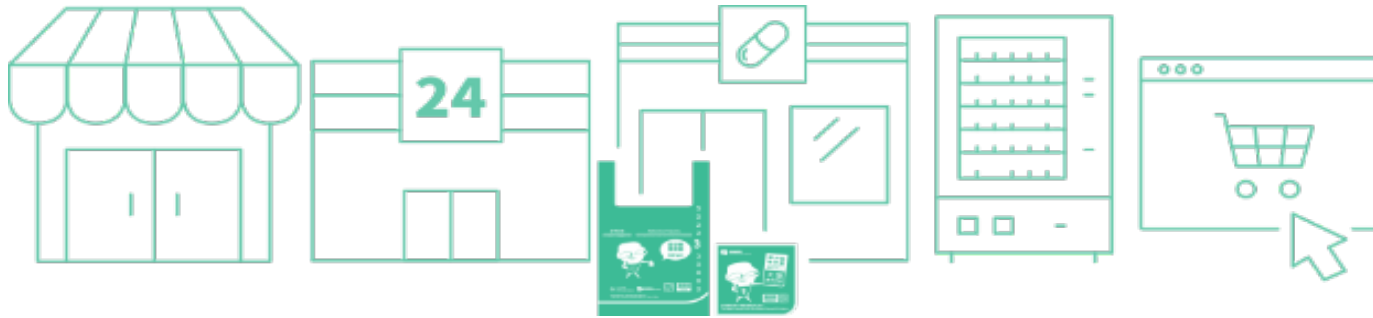


Each designated label is priced at a uniform rate of \$11



# Charging by Designated Bags

## Authorised Sales Points/Platform for Designated Bags/ Designated Labels



- ◆ Available for sale on authorised online platforms and at a few thousands of authorised sales points
  - including supermarkets, convenience stores, pharmacies, etc.
- ◆ Visit EPD's MSW website for the details of general retail and bulk for designated bags / designated labels



Any company, organization, or individual member of the public should only purchase designated bags and designated labels from sales points/online platforms authorised by the EPD to avoid purchasing counterfeit products.



# Application Form for Bulk Purchase

Please fill in the required information according to the application form and complete the application.



Legislations



Best Practice Guides



Application Forms/  
Other References



Videos



Publicity Materials



Useful Links



Frequently Asked Questions

## Application Forms (Bulk Purchase)

Bulk Purchase of Designated  
Bags and/or Designated Labels

Bulk Purchase of Designated  
Bags for Distribution to  
Residents of Private Residential  
Premises

## Application Forms (Authorisation for Selling Designated Bags and Designated Labels)

Application Form

Annex

Guide to Application



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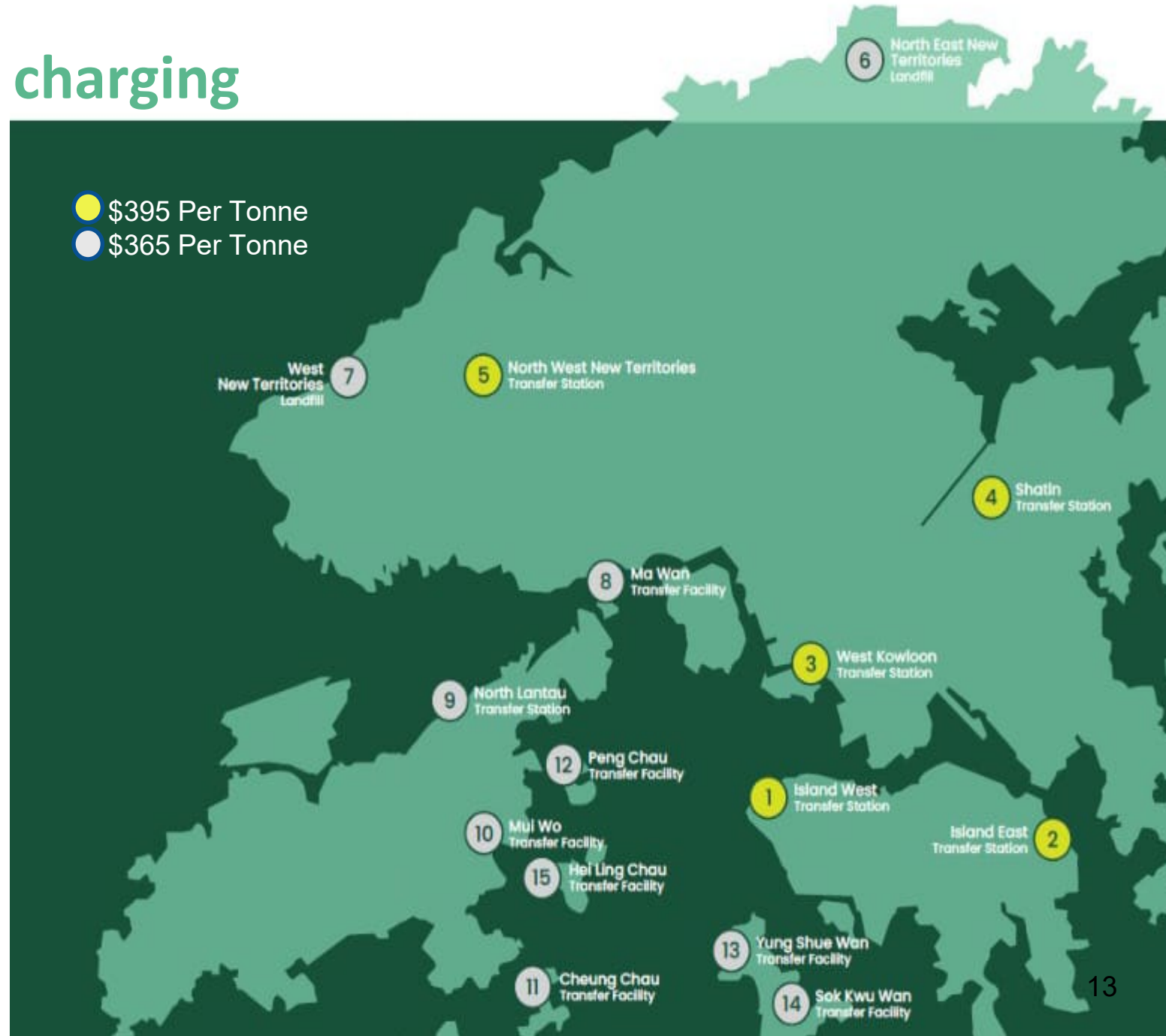
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# Overview of MSW charging

## Charging by Weight

- Designated bags/ Designated labels are not applicable
- According to the disposal location, the "gate fee" charged by weight of the waste is as follows:
  - \$395 Per Tonne
  - \$365 Per Tonne
- Apportionment of "Gate-fee"
  - Higher education premises should discuss with the cleansing PWCs the apportionment arrangements.



# Legislative Requirements





# Legislative Requirements

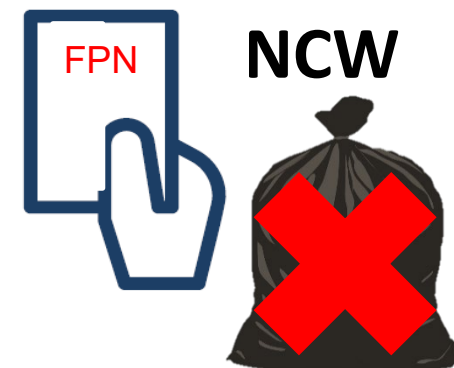


## Charging by Designated Bags: Waste Management staff in Higher Education premises

General tenants **shall not deposit non-compliant waste (NCW)** at the following waste reception areas/enforcement points. Or hand over the NCW to the staff at the FEHD's RCPs, the drivers and the staff of relevant RCVs



**Otherwise, it constitutes an offence**



FEHD's and its contractors' refuse collection vehicles



PWC's refuse collection vehicles with rear compactors





# Legislative Requirements

## Charging by Designated Bags: For Tenants and Residents of Staff Quarters

- ◆ General waste is **required to use designated bags** or affix a **designated label** to each piece of oversized waste before disposing of it at the **communal waste reception areas (enforcement points)**
- ◆ e.g., refuse rooms on individual floors, staircase landings, central refuse collection points, oversized waste reception areas, **otherwise, it constitutes an offense.**
- ◆ It constitutes an offense if the restaurants/ retail tenants/residents instruct cleansing workers to dispose of waste in a non-compliant manner.

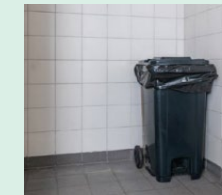


If buildings' floors have refuse chutes, cleansing workers are required to comply with the above requirements before disposal, **otherwise, it constitutes an offense.**

### Communal waste reception areas



Waste collection bin at the staircase landing



Refuse rooms on individual floor



Inlet of the refuse chute on individual floor



Central refuse collection points

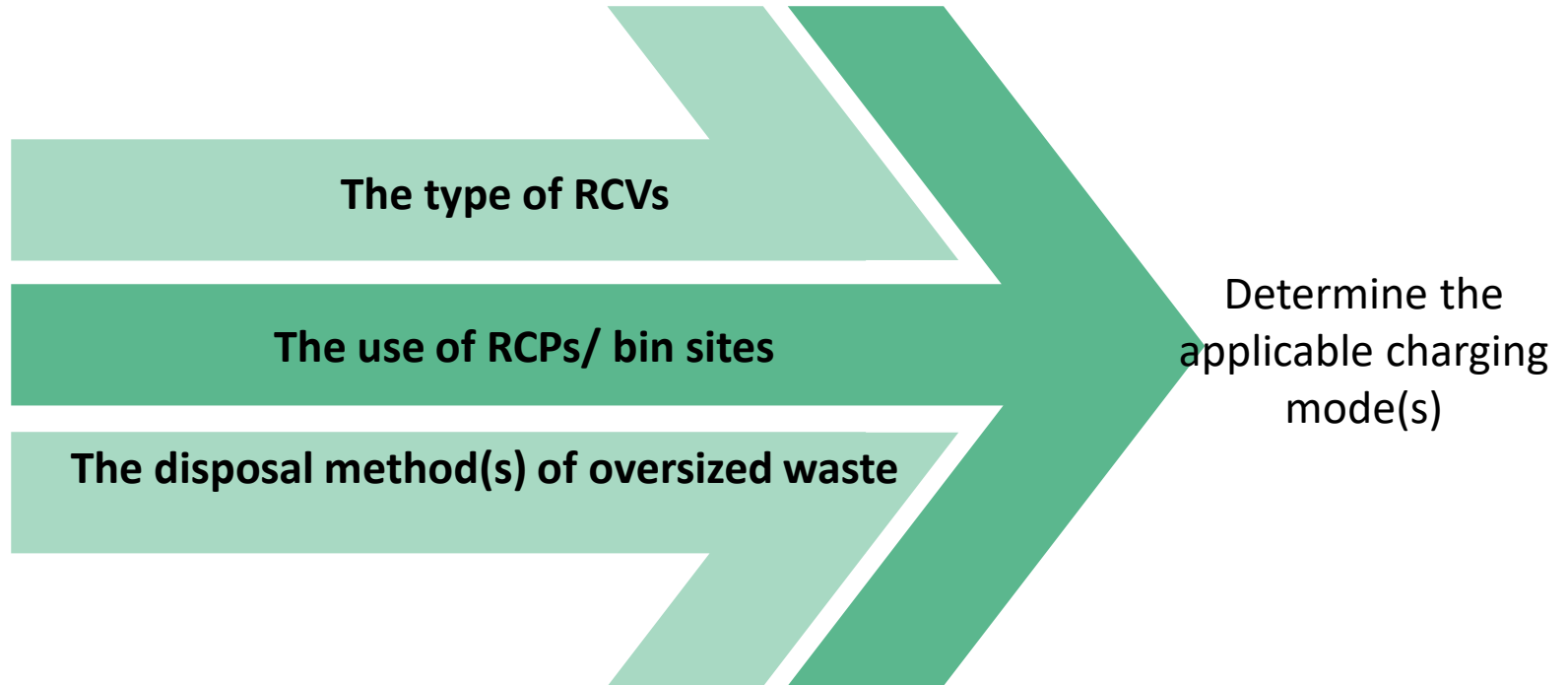


# Implementation of MSW Charging In Higher Education Premises



# Implementation of MSW Charging in Higher Education Premises

## Determination of the Applicable Charging Mode(s)





# Implementation of MSW Charging in Higher Education Premises

## Determination of the Applicable Charging Mode(s) – Charging Modes with Refuse Compaction Systems

1. Mobile Refuse Compaction System (Refuse Compactor)



2. Stationary Compaction System



3. Automatic Refuse Collection System



Waste collected by PWCs' RCVs without rear compactors.

- **Collected by hook-lift trucks**



Charging by Weight



# Implementation of MSW Charging in Higher Education Premises

## Determination of the Applicable Charging Mode(s) – Charging Modes with Refuse Compaction Systems

### 4. Rotary Drum Refuse Compaction System



Charging by  
Designated Bags

Waste collected by PWC's  
RCVs with **rear compactors**.

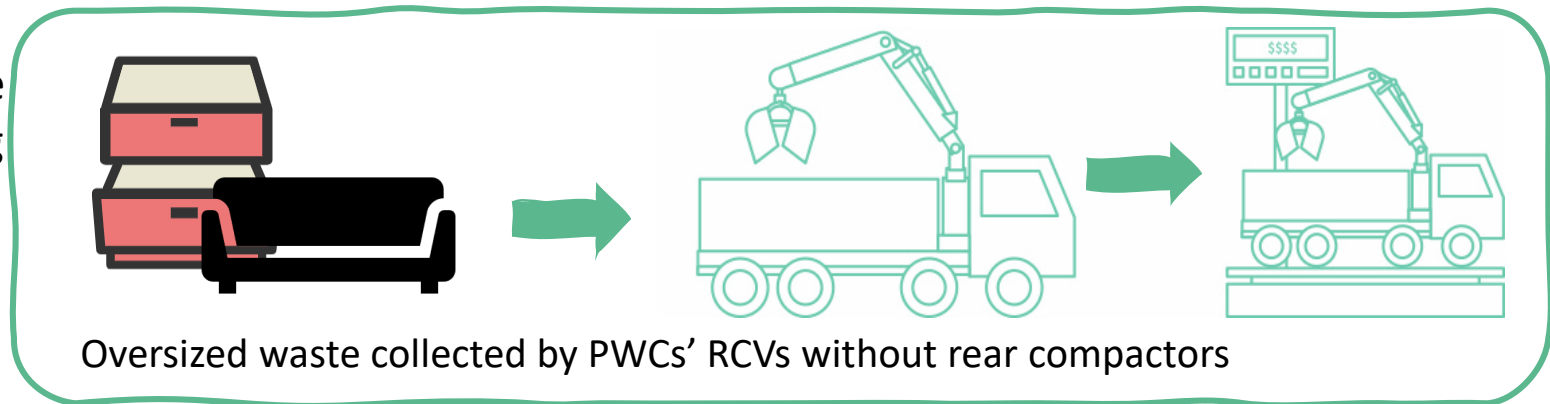
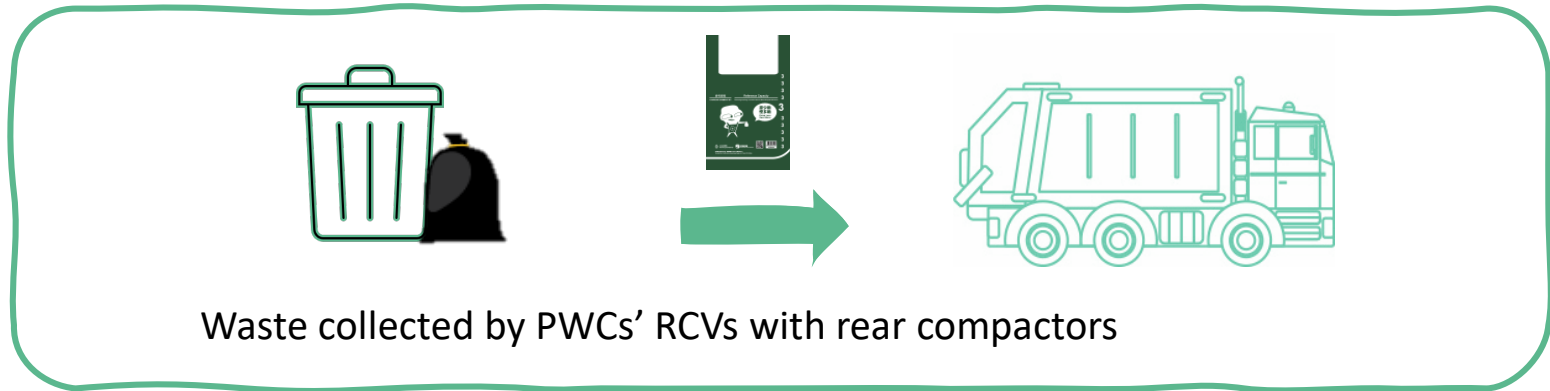




# Implementation of MSW Charging in Higher Education Premises

## More than one applicable MSW Charging modes

- ◆ There may be more than one applicable MSW charging mode depending on the existing waste collection modes in the Higher Education premises.
- ◆ The person in charge of the higher education premises should inform the employees/tenants/ residents of staff dormitories who use the waste collection service provided by the premises in advance of the collection arrangements and charging modes for different garbage.





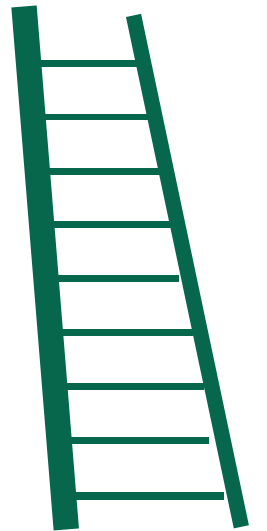
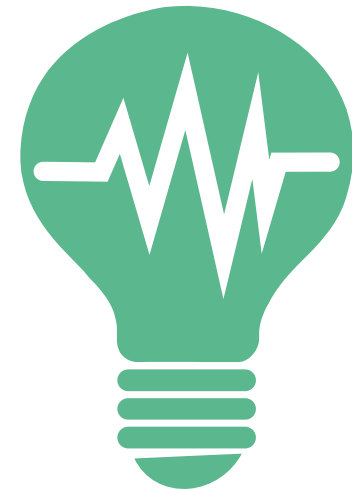
# Implementation of MSW Charging in Higher Education Premises

## Implementation “Charging by Designated Bags”

### 1. Monitor and guide frontline staffs to follow the legislative requirements

- ◆ Formulate implementation, management, and monitoring plans with the responsibilities and roles of different stakeholders defined, and update stakeholders on the change in waste management (e.g., separating recyclables).
- ◆ Formulate relevant notices and guidelines.
- ◆ Enhance training to strengthen the knowledge of staff to ensure that they clearly understand the legislative requirements and guidelines, and waste is wrapped in designated bags before disposal.
- ◆ Display signages at prominent locations (e.g., Communal waste reception areas or designated locations for collection by RCVs) to remind frontline workers to comply with the legislative requirements.

Person in charge of higher education premises/management staff





## 2. Measures to facilitate the compliance of frontline workers with the laws

Person in charge of higher education premises / management staff

- ◆ Cleansing workers may line the containers in higher education premises with designated bags in advance to facilitate workers to dispose of garbage properly.



### 3. Clear Delineation on Communal Waste Reception Areas

(Suitable for tenants/ residents of staff dormitories who use the waste collection service provided by the premises )

- The communal waste reception areas are the enforcement points.
- The premises should work with the cleansing contractors to delineate the communal waste reception areas according to the premises' waste management.  
(e.g., refuse rooms on individual floors, central refuse collection points, and oversized waste reception areas)
- Display signages at prominent locations





## 4. Waste collection arrangements for cleansing workers

### Source of the waste

### Corresponding Actions

- Individual classrooms/  
Laboratory
- Staff rooms
- Other common areas

E.g.:

- Library
- Podium Garden
- Lift Lobby
- Activity Room
- Meeting Room
- Sport Facilities

- Cleansing workers may **line the containers with designated bags in advance/ collect all the waste using a large designated bag at once.**

- Cleansing workers are required to ensure all waste collected from higher education premises is properly wrapped in designated bags before handing it over to FEHD/other contractors or PWCs' RCVs with rear compactors.



## 4. Waste collection arrangements for cleansing workers

Source of the waste	Corresponding Actions
<ul style="list-style-type: none"><li>➤ Tenants who use the waste management services provided by the premises</li></ul>	<ul style="list-style-type: none"><li>➤ When cleansing workers are collecting general waste from the communal waste reception areas:</li><li>➤ Should <b>check</b> whether the waste has been properly wrapped in designated bags and <b>reject</b> any NCW given to them.</li><li>➤ To maintain environmental hygiene, cleansing workers can further handle any NCW from unknown sources found in the communal waste reception areas.</li><li>➤ <b>should not</b> line the large waste collection bins at the communal waste reception areas with large designated bags. Depending on the needs of individual premises, they may arrange the purchase of <b>transparent garbage bags</b> to collect waste wrapped in designated bags.</li><li>➤ Ensure <b>relevant waste is properly wrapped using the designated bags</b> before handing it over to <b>FEHD or PWCs</b>.</li></ul>



## 4. Waste collection arrangements for cleansing workers

Source of the waste	Corresponding Actions
➤ Staff Dormitory	<ul style="list-style-type: none"><li>➤ When cleansing workers are collecting general waste from the residents:</li><li>➤ Should <b>check</b> whether the waste has been properly wrapped in designated bags and <b>reject</b> any NCW given to them.</li><li>➤ To maintain environmental hygiene, cleansing workers can further handle any NCW from unknown sources found in the communal waste reception areas.</li><li>➤ <b>should not</b> line the large waste collection bins at the communal waste reception areas with large designated bags. Depending on the needs of individual premises, they may arrange the purchase of <b>transparent garbage bags</b> to collect waste wrapped in designated bags.</li><li>➤ Ensure <b>relevant waste is properly wrapped using the designated bags</b> before handing it over to <b>FEHD or PWCs</b>.</li></ul>

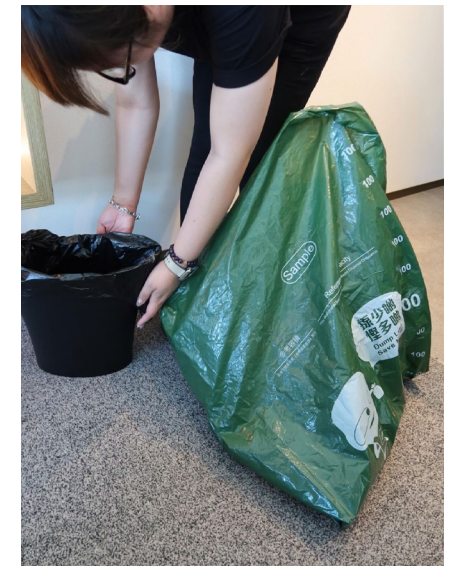


## 4. Waste collection arrangements for cleansing workers

Generally, the amount of waste generated in student dormitories is relatively small, and the accommodation service fee also includes waste disposal services.

Student residents only need to dispose of waste in the garbage containers in their rooms or public areas for cleansing workers to collect. Student residents are not required to use designated bags or labels when disposing of waste in dormitory garbage containers.

Source of the waste	Corresponding Actions
<p>Student Dormitory</p> <ul style="list-style-type: none"><li>➤ Individual Dormitory Room</li><li>➤ Common Areas<ul style="list-style-type: none"><li>• Individual Dormitory Room</li><li>• Pantry/Kitchen</li><li>• Bathroom</li><li>• Laundry Room</li><li>• Activity Room</li><li>• Other common area</li></ul></li></ul>	<ul style="list-style-type: none"><li>➤ Cleansing workers may line the containers with designated bags in advance / collect all the waste using a large designated bag at once.</li><li>➤ Cleansing workers should ensure all waste collected in higher education premises is properly wrapped in designated bags before handing it over to FEHD or PWCs.</li></ul>







# Implementation of MSW Charging in Higher Education Premises

## Charging by Weight

### 1. Arrangements for opening "gate-fee" accounts

Type A Account	Type B Account
<ul style="list-style-type: none"> <li>Mainly targets at <b>PWCs</b></li> </ul>	<ul style="list-style-type: none"> <li>Mainly targets at <b>large scale waste producers (e.g. large-scale facilities, factories, shopping malls)</b></li> </ul>
Payment Arrangements	
<ul style="list-style-type: none"> <li>The EPD will issue monthly statements to account holders by mail or email. They are required to make payment within <b>30 days</b> from the issue date of the statement. Otherwise, a surcharge on top of the "gate-fee" will become payable.</li> </ul>	

- Higher education premises may engage PWCs with "Type A Account" directly to collect and dispose of waste on their behalf.
- Higher education premises should discuss with PWCs the arrangements for waste collection services and list the relevant arrangements and calculation methods in the contract, to protect the interests of both parties.
- Higher education premises may apply for "Type B Account" direct and hire vehicles registered under "Type A Accounts" to dispose of waste at the waste disposal facilities and pay the relevant fees directly to the EPD.



# Implementation of MSW Charging in Higher Education Premises

## Charging by Weight

The screenshot shows the MSW Charging website interface. At the top, there are logos for '家好運 DeEasy', '垃圾收費 MSW CHARGING', and '環境保護署 Environmental Protection Department'. Navigation links include 'Application Form', 'FAQ', 'Text Size', 'EN', '繁', '簡', and 'Login'.

The main content area is titled 'Account Registration' and features three colored boxes:
 

- Type A Account (Vehicle-based account)** in a yellow box.
- Type B Account (Waste producer-based account)** in a pink box, which is highlighted with a red border.
- Exemption Account (for Government departments)** in a light green box.

Below the registration options is a section titled 'Notes to Registrati...' with the following text:
 

1. Applicants are required to submit the following information / documents:

- HKID Card (if applicant is a person) / Business Registration Certificate (if applicant is a limited company)
- Vehicle registration document (both sides) (applicable for "Type A Account" applicants)

Two callout boxes provide additional information:
 

- A red starburst on the left states: "Gate-fee" accounts are now open for registration.
- A green speech bubble on the right points to the 'Type B Account' box and says: "Login here after application".
- Another green speech bubble points to the 'Notes to Registrati...' section and says: "Apply for 'Type B Account' here".



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Application Form ▾ FAQ Text Size EN 繁 簡

Complete the application by filling out the required information as requested on the website

## Registration Form for Type B Account

(Applicable to major waste producers)



Particulars of Applicant



Particulars of Waste Producer



e-Chits



Declaration of Applicant



Preview



Confirmation

### Particulars of Applicant

\*Title

Mr  Mrs  Ms  Company  Other

\*Name in English (Surname First)

Name in Chinese

\*H.K. Identity Card No.

e.g. A123456(3)

\*Residential Address



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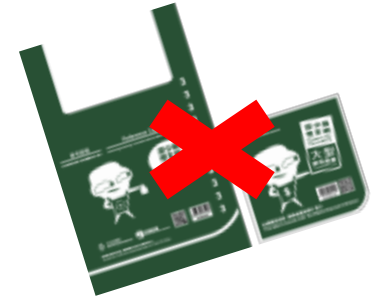
環境保護署  
Environmental Protection Department



# Implementation of MSW Charging in Higher Education Premises

## 2. Waste collection arrangements

- Waste collected by PWCs using RVCs without rear compactors and disposed of at waste disposal facilities, a “gate-fee” will be charged based on its weight.
- **Charging by weight does not need to wrap the waste in designated bags or affix it with a designated label to avoid double payment.**
- Cleansing workers can use ordinary garbage bags to collect and dispose of waste collected in higher education premises and hand it over to PWCs.







# Implementation of MSW Charging in Higher Education Premises

## 3. “Gate-fee”- Payment Arrangements

- With permitted resources and sufficient space in the refuse room, higher education premises may consider installing electronic scales to facilitate PWCs to estimate the corresponding weight of the waste and the “gate-fee”.

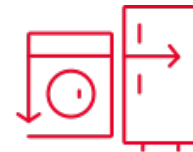
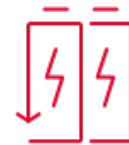


# Waste Reduction and Recycling Arrangements



# Waste Reduction and Recycling Arrangements

- ◆ **Active participation in clean recycling** (paper, plastic bottles, aluminum cans, glass bottles and food waste) can reduce MSW charging fees.
- ◆ Non-recyclable wastes should not be disposed of in recycle bins.
- ◆ Recycling can **reduce waste and save money using designated bags with smaller capacity** for waste disposal.





# Best Practice Guide on Implementation of Waste Reduction

## 1. Classroom and common area in higher education premises



- ✓ Set up recycling bins in **classrooms/public areas (such as libraries/gardens) of higher education premises** to facilitate students/visitors/employees to recycle, and cleansing workers can then take the recyclables to the central recycling collection point.



# Best Practice Guide on Implementation of Waste Reduction

## 2. Central refuse collection point



- ✓ Set up recycling bins with clear markings of the types of recyclables at central refuse collection points in higher education premises to facilitate frontline cleansing workers to sort and recycle the waste.



# Waste Reduction and Recycling Arrangements

## General Waste Reduction and Recycling Information

- Hong Kong Waste Reduction Website



Thank you for supporting  
MSW charging