



# 垃圾收費

## MSW Charging



# Municipal Solid Waste(MSW)charging training material for Private Hospitals

# Training Framework

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

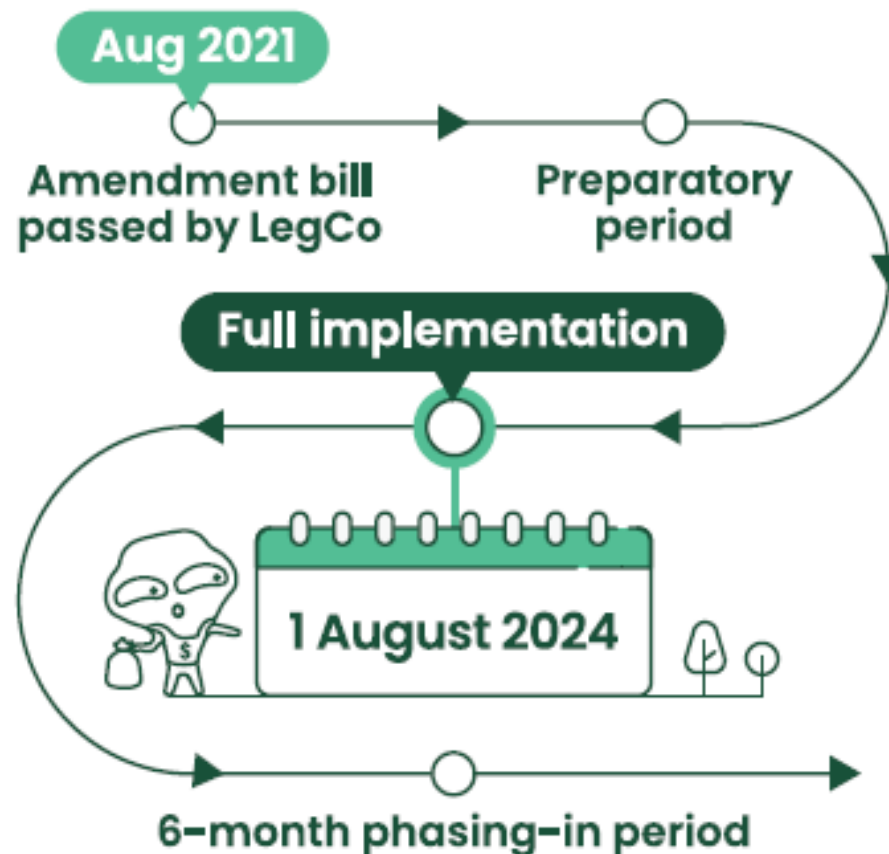
# Overview of the MSW charging



# Overview of MSW charging

## Schedule

- ◆ The Government will implement Municipal Solid Waste Charging (MSW charging) 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





# 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 refuse collection vehicles (RCV) of FEHD's and its contractors (with or without rear compactor) or private waste collectors' (PWCs) RCVs with rear compactors. (Mainly suitable for **general waste** in private hospital.)



RCV of FEHD's and its contractors



PWC's RCVs with rear compactors



Charging by designated bags/labels

- ◆ Waste collected by PWCs' RCVs without rear compactors

(Mainly suitable for private hospital to disposal 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

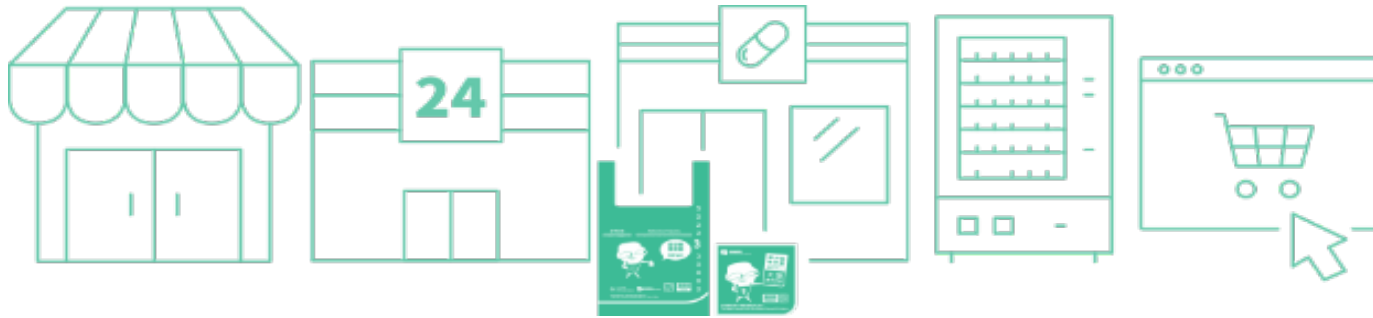
## Charging by Designated Bags

General Waste	Oversized Waste (cannot be wrapped in designated bags)																						
<p>Wrapped in designated bags</p>	<p>Affix with a designated label on each piece of oversized waste</p>																						
 <table border="1" data-bbox="229 956 1676 1006"> <tr> <td>3L</td> <td>5L</td> <td>10L</td> <td>15L</td> <td>20L</td> <td>35L</td> <td>50L</td> <td>75L</td> <td>100L</td> <td>240L</td> <td>660L</td> </tr> <tr> <td>\$0.3</td> <td>\$0.6</td> <td>\$1.1</td> <td>\$1.7</td> <td>\$2.2</td> <td>\$3.9</td> <td>\$5.5</td> <td>\$8.5</td> <td>\$11</td> <td>\$26</td> <td>\$73</td> </tr> </table>	3L	5L	10L	15L	20L	35L	50L	75L	100L	240L	660L	\$0.3	\$0.6	\$1.1	\$1.7	\$2.2	\$3.9	\$5.5	\$8.5	\$11	\$26	\$73	
3L	5L	10L	15L	20L	35L	50L	75L	100L	240L	660L													
\$0.3	\$0.6	\$1.1	\$1.7	\$2.2	\$3.9	\$5.5	\$8.5	\$11	\$26	\$73													
<p>Charged at \$0.11 per litre</p> <p>9 different common sizes (ranging from 3-litre to 100-litre)</p> <p>2 Designs: T-shirt bag and Flat-top bag</p> <p>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</p>	<p>Each designated label is priced at a uniform rate of \$11</p>																						



# Charging by Designated Bags

## Authorised Sales Points/Platform for Designated Bags and 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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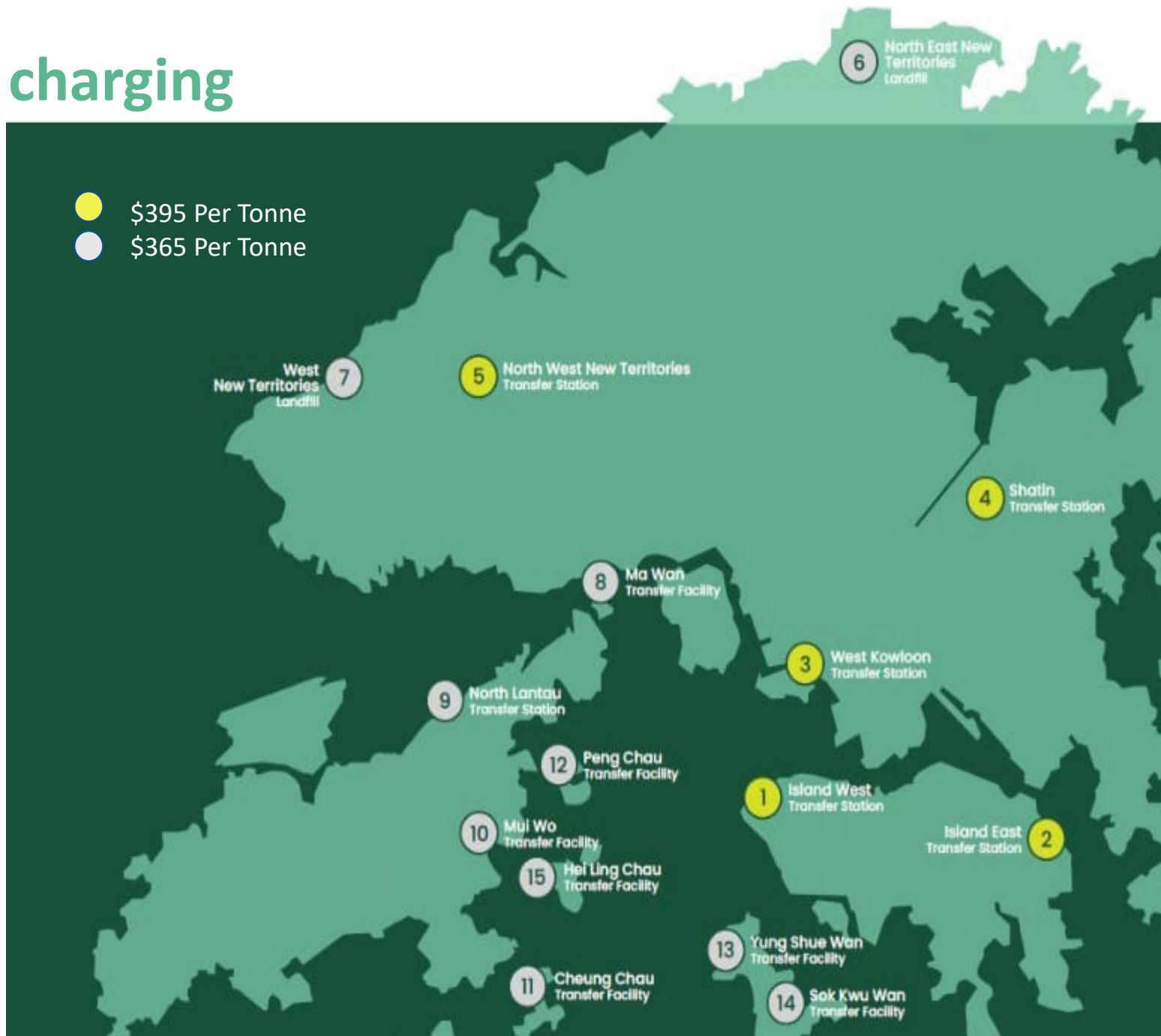
環境保護署  
Environmental Protection Department



# 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"
  - Private hospital should discuss with PWCs the apportionment arrangements.



# Legislative Requirements



# Legislative Requirements

## Charging by Designated Bags: Cleansing Staffs

Cleansing staffs **shall not** deposit non-compliant waste (NCW) at the following enforcement points. Or hand the NCW to the staff at the enforcement points. (E.g., FEHD/PWC's RCVs)



**Otherwise,  
it constitutes an  
offence**



**NCW**



**FEHD's and its contractors' refuse collection vehicles**

**PWC's refuse collection vehicles with rear compactors**





# Legislative Requirements

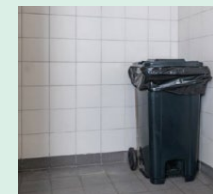
## Charging by Designated Bags : Tenant and Residents of Staff dormitory using Waste Collection Service provided by Private Hospital

- ◆ It is required to use **designated bags** to dispose of general waste and affix **designated labels** to dispose of oversized waste before disposing it at the **communal waste reception areas(enforcement points)**. (E.g., refuse rooms / inlet of the refuse chute on individual floors, staircase landings, central refuse collection points, oversized waste reception areas, etc., **otherwise, it constitutes an offense**)
- ◆ It constitutes an offense if tenant/ merchants/ residents instruct cleansing workers to dispose of waste in a non-compliant manner.

### 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

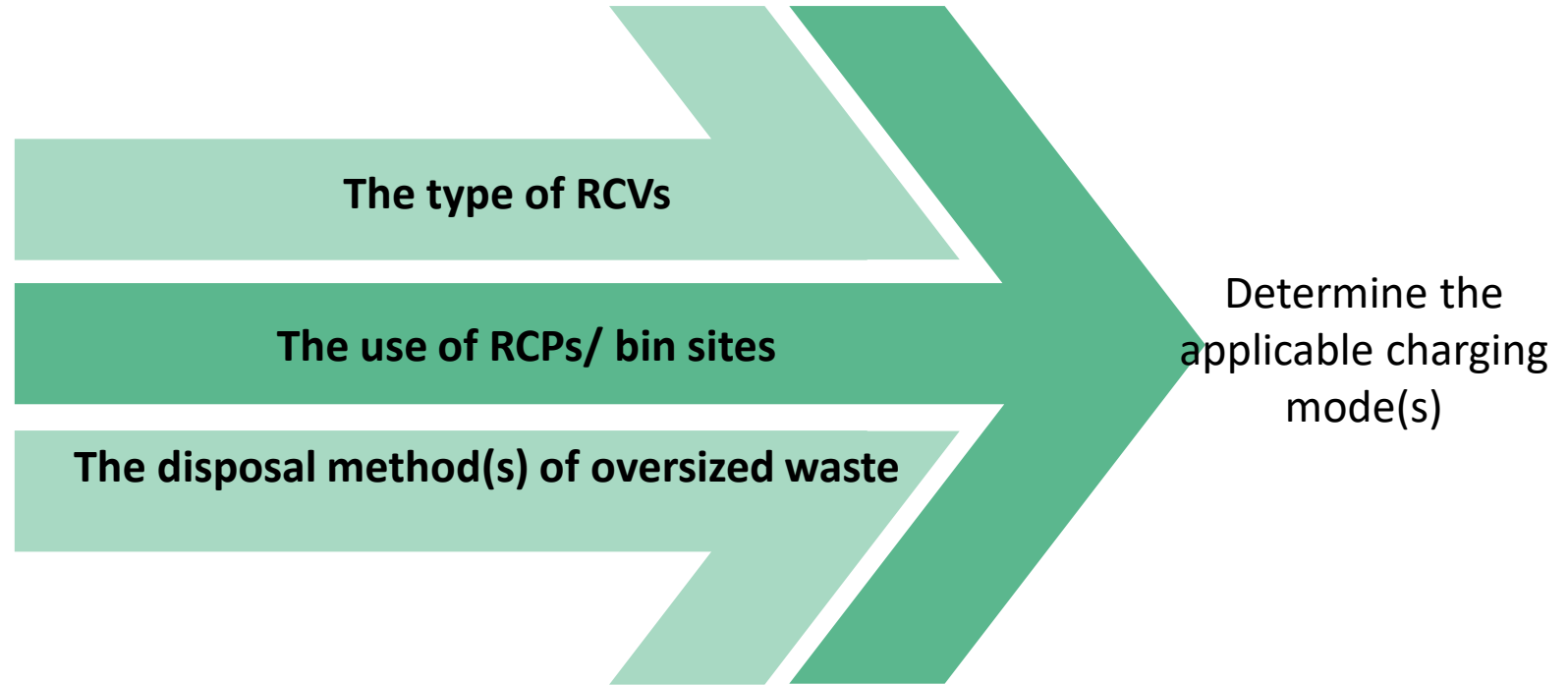


# Implementation of MSW Charging In Private Hospitals



# Implementation of MSW Charging in Private Hospitals

## Determination of the Applicable Charging Mode(s)





# Implementation of MSW Charging in Private Hospitals

## 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 Private Hospitals

## 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.

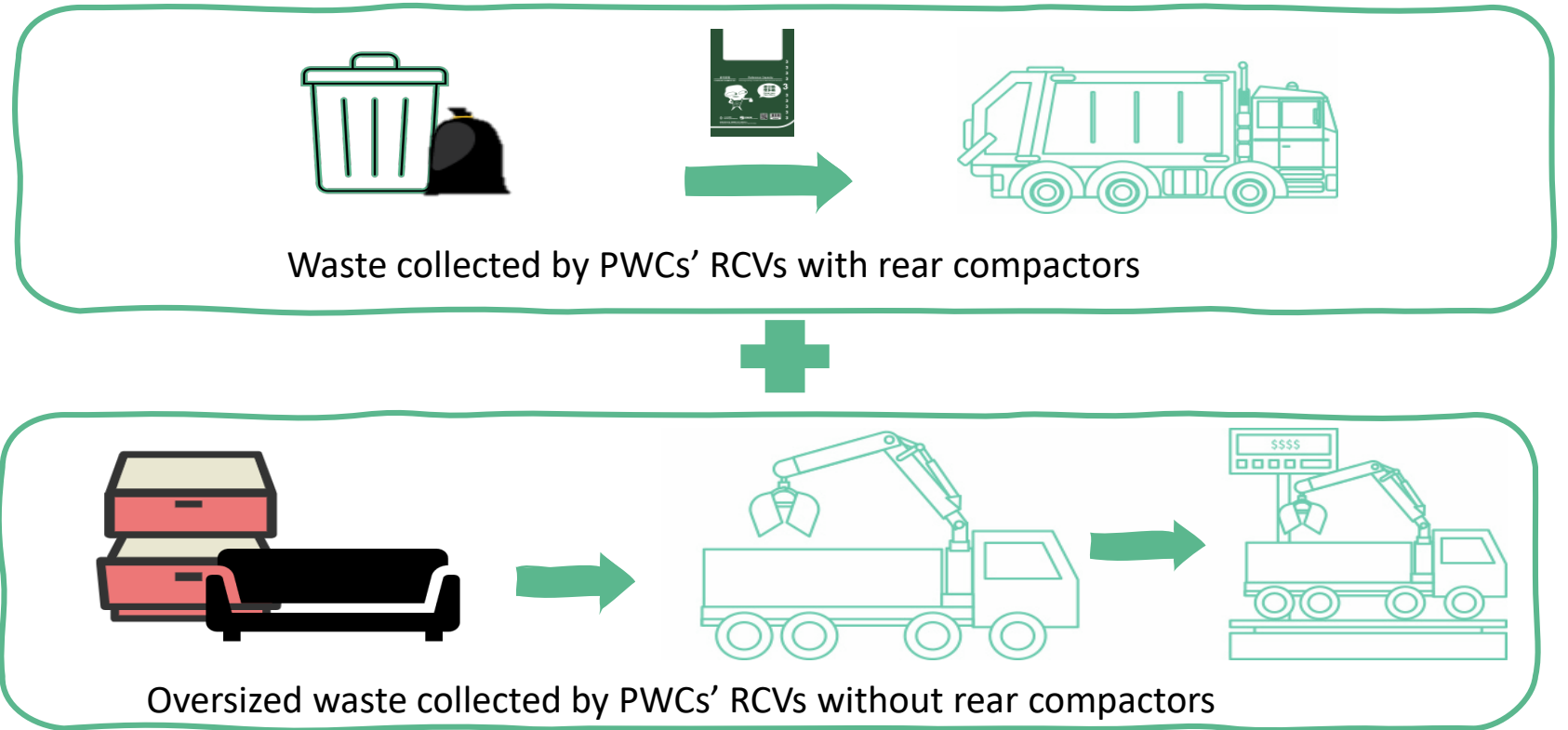




# Implementation of MSW Charging in Private Hospitals

## More than one applicable MSW Charging modes

- ◆ There may be more than one applicable MSW charging modes depending on the existing waste collection modes of the premises
- ◆ Person in charge of private hospital should inform the staffs/tenants who use the waste collection services provided by private hospital/ residents of staff dormitories in advance about the collection arrangements and charging modes for different types of waste at the premises.





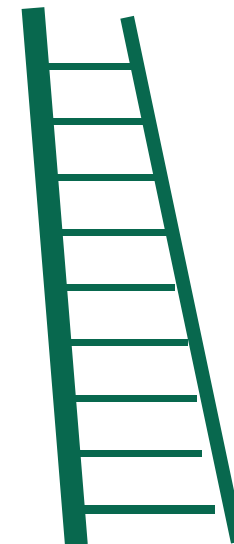
# Implementation of MSW Charging in Private Hospitals

## 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 “Reminder” at prominent locations (e.g., Communal waste reception areas or designated locations for collection by RCVs )

Person in charge of private hospital/ administration staff



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

- ◆ Cleansing workers **may line the containers in the private hospital with designated bags in advance** to facilitate workers to dispose of garbage properly.

**Person in charge of private hospital/  
administration staff**



### 3. Clear Delineation on Communal Waste Reception Areas (Suitable for Tenant and Residents of Staff dormitory who use the waste collection service provided by private hospital)

- The communal waste reception areas are the enforcement points.
- Private hospital should work with the cleansing contractors to delineate the communal waste reception areas according to the premises' waste management.
- Display signages at prominent locations





## 4. Waste collection arrangements for cleansing workers

### Source of the waste

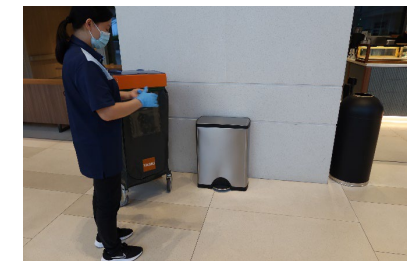
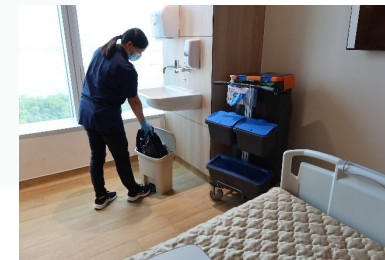
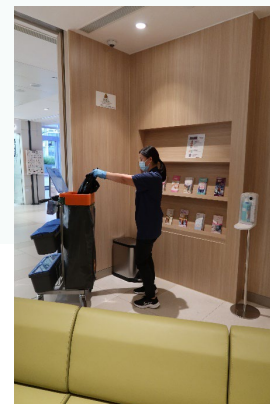
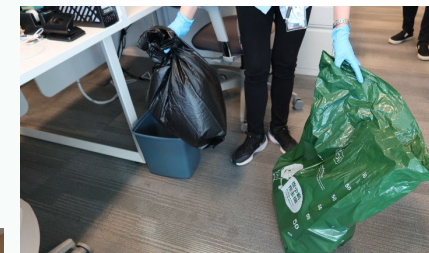
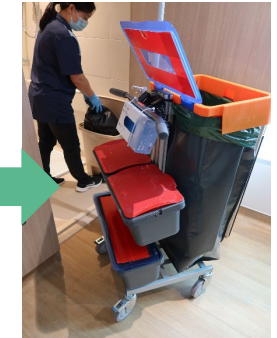
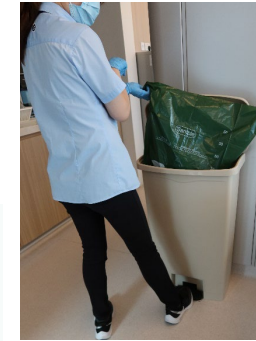
- Ward
- Consultation Room
- Office
- Nurse Station
- Kitchen
- Public Spaces

### Example:

- Lobby
- Garden
- Platform
- Registry
- Shroff
- Rehabilitation center

### Corresponding Actions

- 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 private hospital is properly wrapped in designated bags** before handing it over to FEHD and its contractors/ PWCs' RCVs with rear compactors.



## 4. Waste collection arrangements for cleansing workers

Source of the waste

Corresponding Actions

- Tenants who use the waste collection services provided by private hospital (e.g. restaurant)
  - When cleansing workers are collecting canteen's/snack counters' general waste from the communal waste reception areas:
    - Should **check** whether the waste has been properly wrapped in designated bags and **reject** any NCW given to them.
    - To maintain environmental hygiene, cleansing workers can further handle any NCW from unknown sources found in the communal waste reception areas
    - **Should not** collect the restaurant's waste using a large designated bag. Depending on the restaurant's needs, they may arrange the purchase of **transparent garbage bags** to line the collection bins.
    - Ensure **relevant waste is properly wrapped using the designated bags** before handing it over to FEHD and it's contractors/ PWCs' RCVs with rear compactors





# Implementation of MSW Charging in Private Hospitals

## 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 PWCs</li> </ul>	<ul style="list-style-type: none"> <li>Mainly targets at large scale waste producers (e.g. large-scale facilities, factories, shopping malls)</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>	

- Private hospital may engage PWCs with "Type A Account" directly to collect and dispose of waste on their behalf.
- Private hospital 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
- Private hospital 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 Private Hospital

## Charging by Weight

The screenshot shows the website header with 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', and '簡'. A 'Login' link is in the top right.

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

- Type A Account (Vehicle-based account) - Yellow box
- Type B Account (Waste producer-based account) - Pink box, highlighted with a red border
- Exemption Account (for Government departments) - Light green box

Below the registration options is a section titled 'Notes to Registrati...'. The first note states:
 

- 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)

Annotations on the screenshot include:
 

- A red starburst on the left: "Gate-fee" accounts are now open for registration
- A green callout bubble pointing to the Type B Account box: "Apply for "Type B Account" here"
- A green callout bubble pointing to the top right: "Login here after application"



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環境保護署  
Environmental  
Protection Department

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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MSW CHARGING



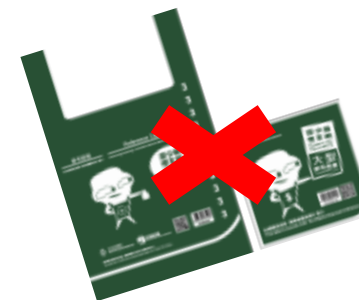
環境保護署  
Environmental Protection Department



# Implementation of MSW Charging in Private Hospital

## 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 private hospital and hand it over to PWCs.





# Implementation of MSW Charging in Private Hospital

## 3 Gate-fee”- Payment Arrangements

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



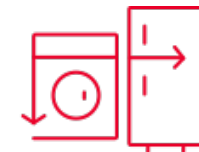
# Waste Reduction and Recycling Arrangements





# 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. Wards/Public areas



- ✓ Set up recycling bins in **wards/public areas (such as lobby/gardens, etc.) in private hospital** to facilitate patients/visitors/employees to recycle, and cleansing workers can then take the recyclables to the central recycling collection point.

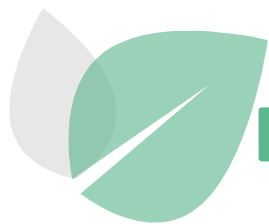


# Best Practice Guide on Implementation of Waste Reduction

## 2. Central waste collection point



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



# Best Practice Guide on Implementation of Waste Reduction



垃圾收費  
MSW CHARGING

## 2. Kitchen in Private Hospital

### Food waste before meals

- ✓ **Separate the food packaging** and recycle the materials as much as possible.
- ✓ Place a trash can for **pre-meal food waste** and a trash can with designated bags to collect food waste and general waste separately near the workbench.





# Best Practice Guide on Implementation of Waste Reduction

## 2. Kitchen in Private Hospital

### Food waste after meals

- ✓ Place food waste collection bins, recycling bins, and trash cans lined with designated bags to collect general waste near the washing area.
- ✓ Frontline workers can separate food waste and unrecyclable materials (such as tableware, toothpicks, paper towels, etc.) when cleaning tables after meals. Food waste can be disposed of in food waste collection bins in the kitchen.
- ✓ Use a sift to separate liquids from food waste for transportation and subsequent processing.
- ✓ Avoid recycling food waste generated during dishwashing.
- ✓ Clear “Reminder” should be displayed on recycling bins and food waste bins to ensure employees dispose of recyclables and food waste correctly





# Pilot Scheme on Food Waste Collection

- ◆ The scheme targets premises (**including public and private C&I sectors**) with higher food waste quantities and lower impurities.
- ◆ The collected food waste is delivered to the food waste recycling facilities to convert into energy or compost.
- ◆ EPD will provide frontline staff training on food waste source separation and collection, as well as promotional materials for distribution to tenants.
- ◆ If PMCs would like to participate in the pilot program, they may contact the EPD at [fwc@epd.gov.hk](mailto:fwc@epd.gov.hk)





# 減廢和回收安排

## 減廢和回收資訊

- Hong Kong Waste Reduction Website



Thank you for supporting  
MSW charging