



垃圾收費

MSW Charging



Municipal Solid Waste(MSW)charging training materials for Commercial and Industrial Buildings



Training Framework

1. Overview of MSW charging
2. Legislative Requirements
3. Implementation of MSW Charging in Commercial and Industrial Buildings
 - Determination of the Applicable Charging Mode(s) for the Premises
 - Assisting Tenants in Getting Ready
 - Staff Training
 - Implementing “Charging by Designated Bags”
 - Implementing “Charging by Weight”
4. Waste Reduction and Recycling Arrangements

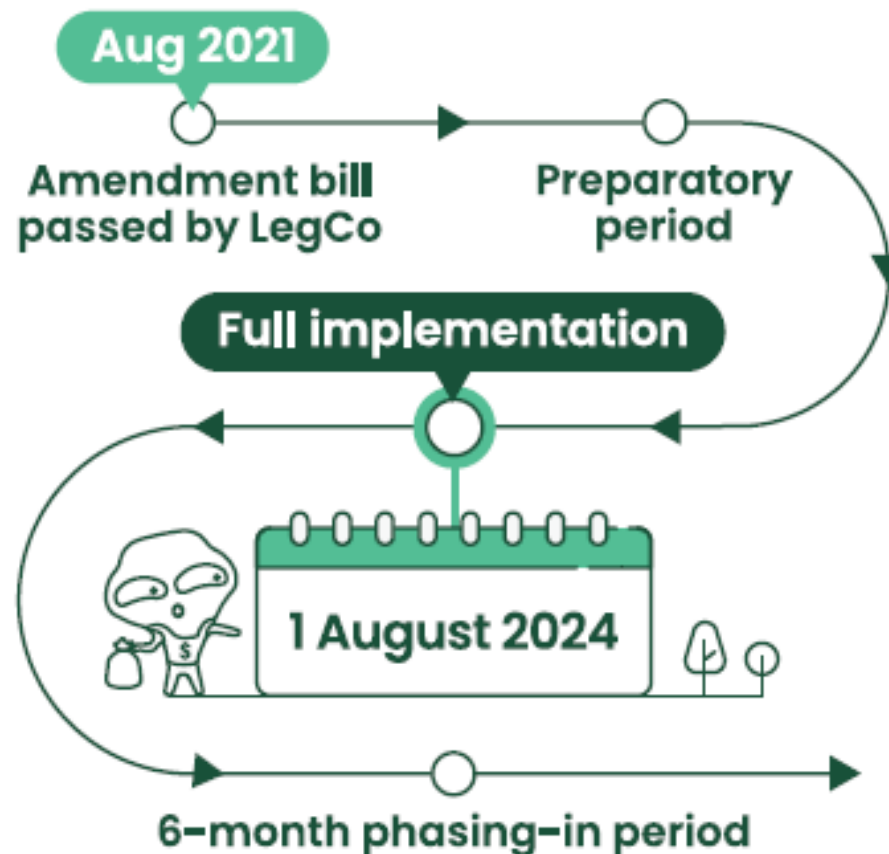
Overview of the MSW charging



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

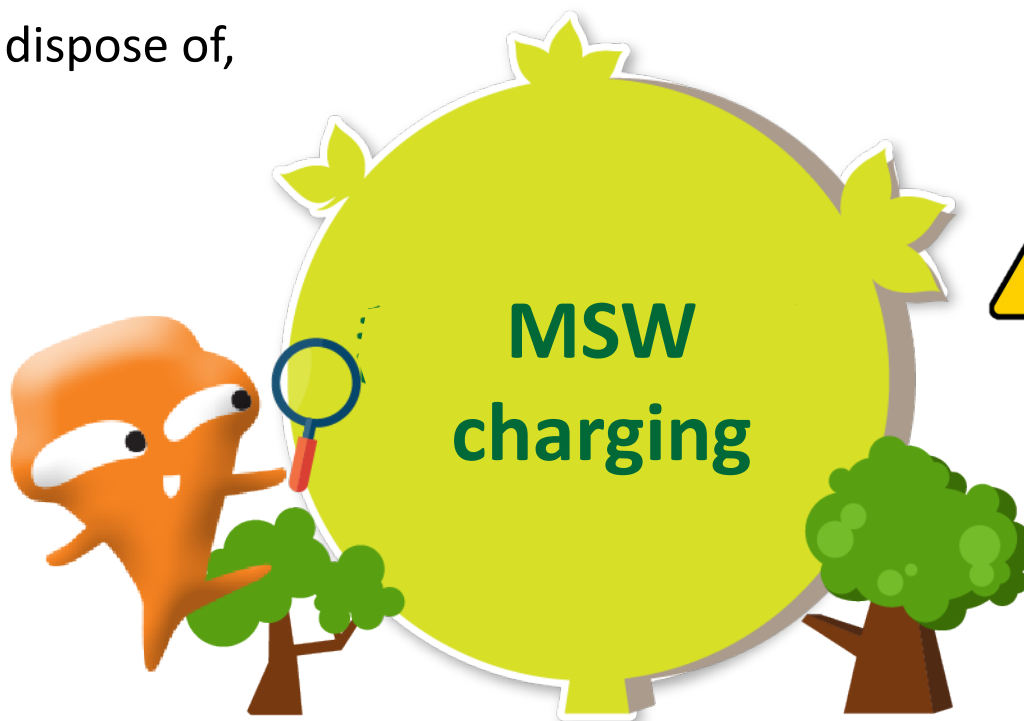


Overview of MSW charging

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



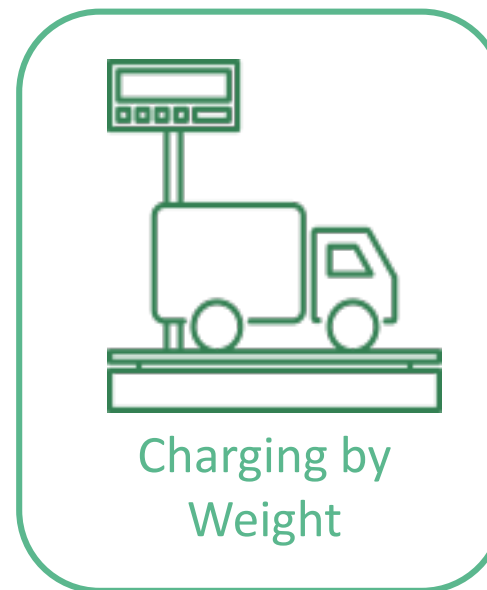


Overview of MSW charging

Charging modes



or



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 disposed at the **Food and Environmental Hygiene Department's (FEHD) refuse collection point**. (Mainly suitable for waste disposed of by producers themselves/ hired cleansing workers to dispose of producers' waste.)
- ◆ Waste collected by **private waste collectors using RCVs with rear compactors**. (Mainly suitable for Commercial and Industrial Buildings to dispose of their **general waste**.)
- ◆ Waste collected by **Private waste collectors' (PWCs) RCVs without rear compactors**. (Mainly suitable for commercial and industrial buildings to dispose of waste that is **oversized, irregularly shaped, and collected using a refuse skip**.)



Off-Street RCPs



Bin Sites



Village-type RCPs



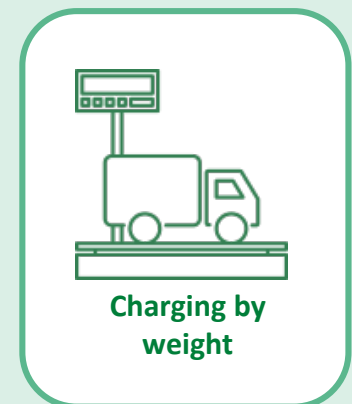
RCVs with rear compactors



Charging by designated bags/labels



RCVs without rear compactors



Charging by weight

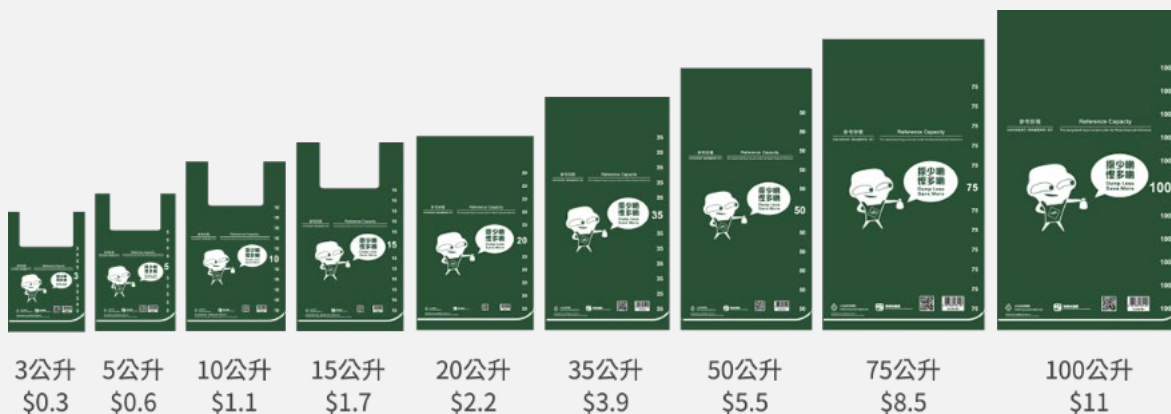


Overview of MSW charging

Charging by Designated Bags

General Waste

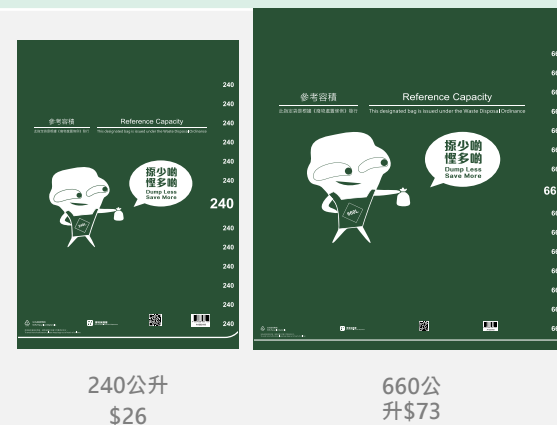
Wrapped in designated bags



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



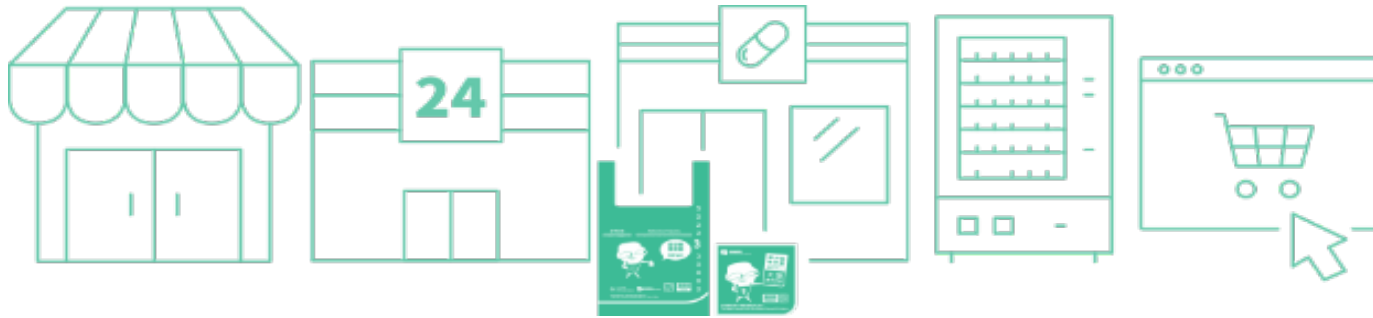
Designated bags are also available in 240-litre and 640-litre, charged at \$26 and \$73 per bag respectively. Application and approval by EPD is needed for purchasing these two types of bags

*Non-compactable oversized commercial and industrial waste can be collected by PWCs using RCVs without rear compactors (“Charging by Weight”). Thus, no designated labels are required.



Charging by Designated Bags

Authorized 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 about general retail and bulk purchase for designated bags / designated labels



Any company, organisation, or individual member of the public should only purchase designated bags and designated labels from sales points/online platforms authorized 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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MSW CHARGING



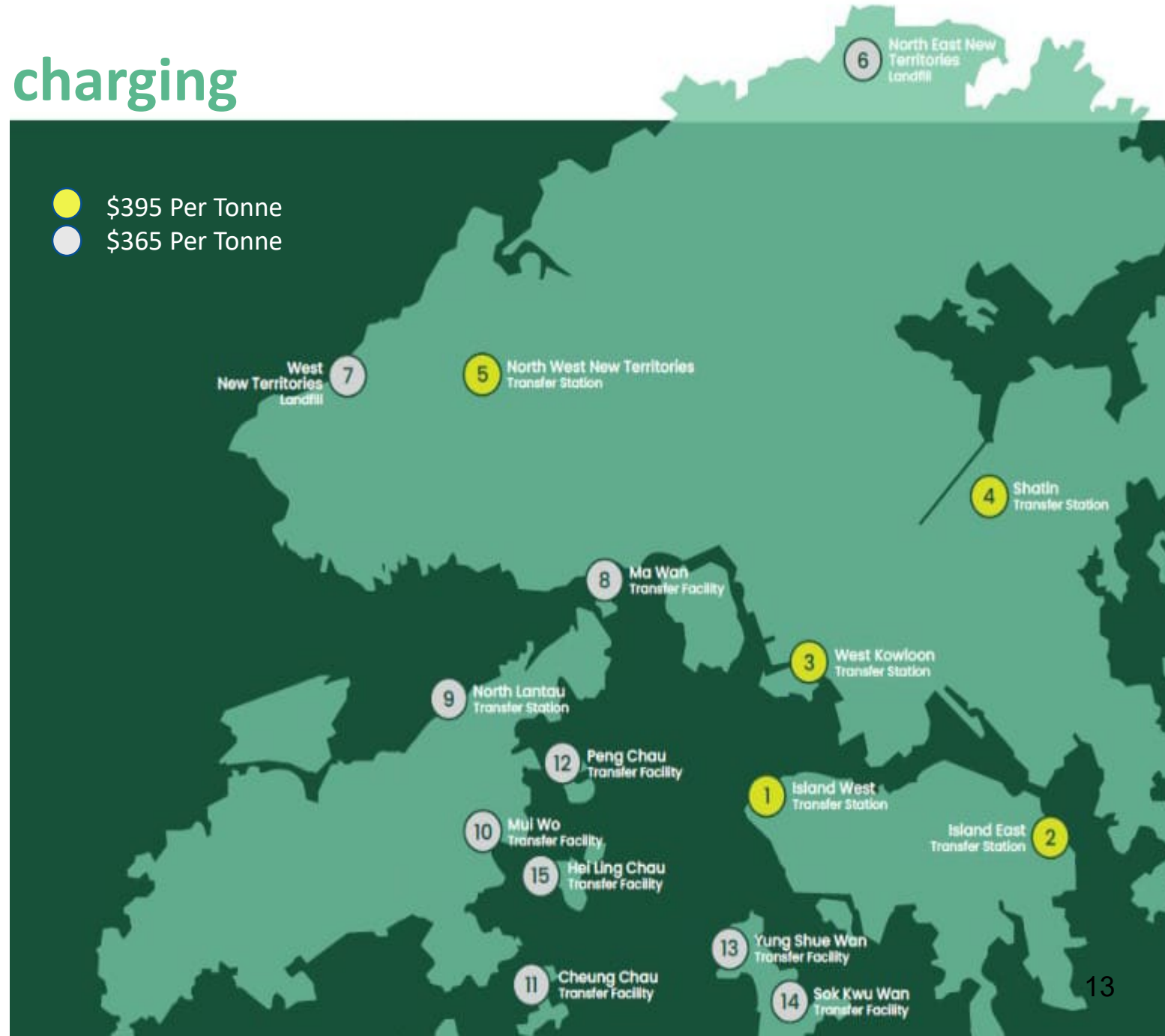
環境保護署
Environmental Protection Department



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"
 - PMCs should discuss with the owners' corporations / tenants for the apportionment arrangements.
 - Individual tenants should discuss with the cleansing contractors for the apportionment arrangements.



Legislative Requirements



Legislative Requirements



Charging by designated bags: For tenants whose waste is directly disposed of by the frontline staff

Individual 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, it's contractors and the staff of relevant RCVs:



Otherwise, it constitutes an offence



| FEHD's Off-Street RCPs/Village-type RCPs/Bin Sites | FEHD's and its contractors' refuse collection vehicles | PWC's refuse collection vehicles with rear compactors |
|--|--|---|
|--|--|---|





Legislative Requirements



Charging by Designated Bags: For tenants using the waste collection services provided by the premises

- ◆ Industrial and commercial 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, etc., **otherwise, it constitutes an offense.**
- ◆ It constitutes an offense if the tenant instructs 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



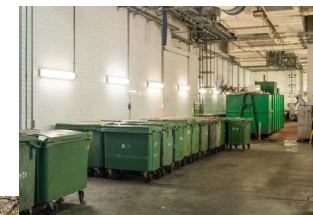
Central refuse collection points



Legislative Requirements

Charging by Designated Bags: For Cleansing Contractors' Workers

- ✓ If cleansing workers/relevant individuals **discover NCW from unknown sources** at the communal waste reception areas, they may **continue to handle** the relevant waste, including:
 - Collection and depositing it into refuse chutes, and
 - Deliver to central refuse collection points
- ✓ After collecting the NCW, cleansing workers/relevant individuals are required to **properly wrap it in designated bags or affix it with designated labels** before it can be disposed of at the enforcement points or handed over to the frontline staff who is providing removal services at the enforcement points. .



Cleansing workers **shall not deposit NCW** at the following waste reception areas/enforcement points:

- ✗ RCVs with rear compactors of PWCs; or
- ✗ The FEHD's RCPs / village-type RCP / bin sites

It **constitutes an offense** if any person hands over the NCW to the frontline staff on duties at the enforcement points mentioned above.

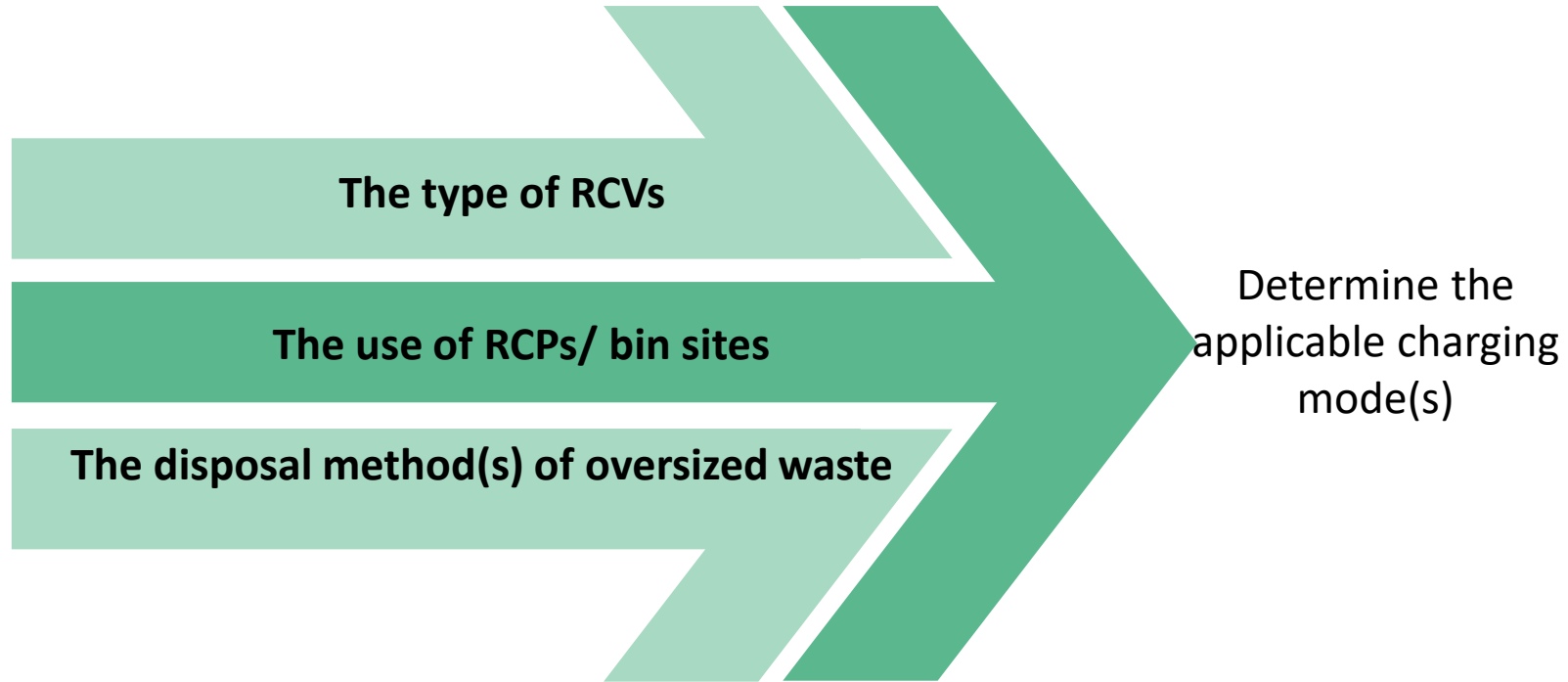


Implementation of MSW Charging in C&I Buildings



Implementation of MSW Charging in C&I Buildings

Determination of the Applicable Charging Mode(s)





Implementation of MSW Charging in C&I Buildings

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

1. Mobile Refuse Compaction System (Refuse Compactor)



2. Stationary Compaction System

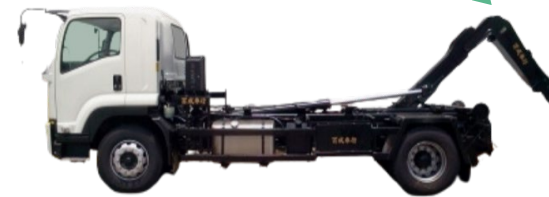


3. Automatic Refuse Collection System



Waste collected by PWCs' RCVs without rear compactors.

- **Collected by hook-lift trucks**



Charging by Weight



Implementation of MSW Charging in C&I Buildings

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

4. Rotary Drum Refuse Compaction System



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

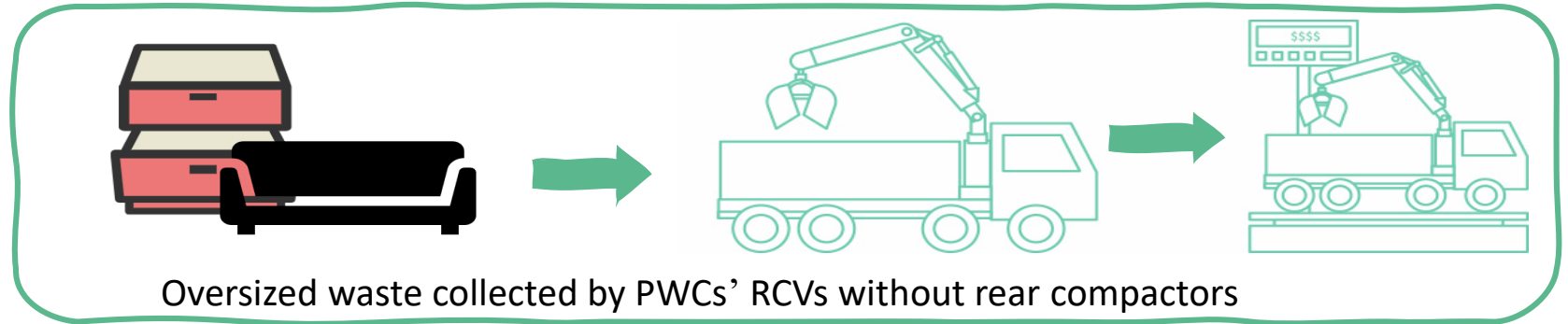
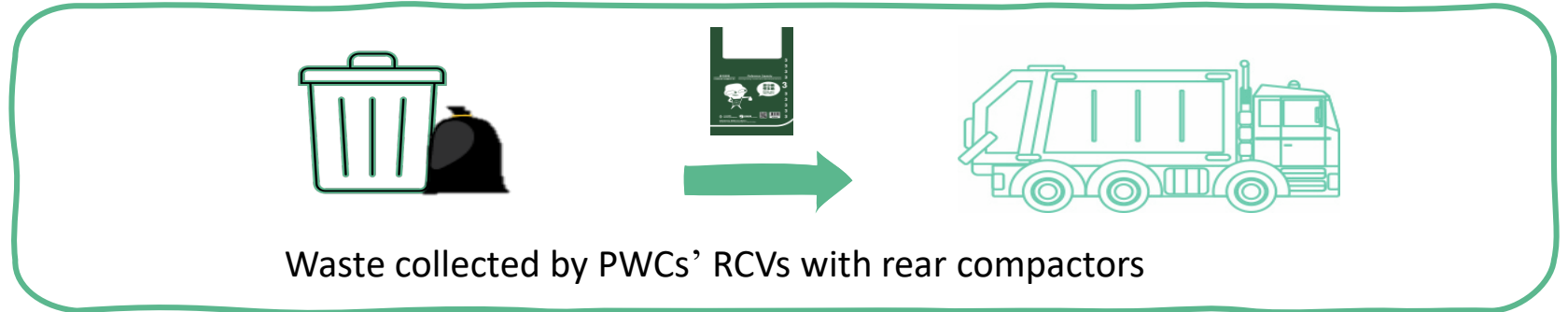




Implementation of MSW Charging in C&I Buildings

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
- ◆ PMCs should inform the tenants in advance about the collection arrangements and charging modes for different types of waste at the premises.





Implementation of MSW Charging in C&I Buildings

Assisting Tenants in Getting Ready



Prior Communication

- Formulate work plans



Dissemination of Information

- Disseminate information on MSW charging and waste reduction



Publicity and Education

- Organise educational campaigns



Regular review/report

- Conduct regular implementation reviews
- Improve ancillary measures



Feedback

- Collect opinions from tenants and other stakeholders



Implementation of MSW Charging in C&I Buildings

Staff Training

Management staff of PMCs and/or cleansing contractors

- Relevant legislative requirements

Staff of Management Offices

- Communication with tenants
- Handling of non-compliant cases

Frontline security guards

- Execution of guidelines
- Handling of non-compliant cases

Cleansing workers

- Waste collection arrangements
- Handling of NCW
- Record and report on non-compliant cases
- Handling of recyclables



Implementation of MSW Charging in C&I Buildings

Implementation “Charging by Designated Bags”

1. Elucidate Charging Arrangements

- Utilize the preparation period to promote and explain the purpose of MSW charging to the tenants.
- Explain the arrangements after the implementation of MSW Charging.
- Consider posting notices to provide information on sales points for the tenants’ reference.

2. Clear Delineation on Communal Waste Reception Areas

- The communal waste reception areas are the enforcement points.
- The PMCs should work with the cleansing contractors to delineate the communal waste reception areas.(e.g., staircase landings, refuse rooms on individual floors/ground floor, central refuse collection points, and oversized waste reception areas)
- Display signages at prominent locations



3. Waste collection arrangements for cleansing workers

Source of the waste

Corresponding Actions

- When cleansing workers are collecting general waste/oversized waste disposed of by tenants from the **communal waste reception areas**:
 - Cleansing workers 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 at communal waste reception areas.
 - Cleansing workers **should not** line the large waste collection bins at the communal waste reception areas with large designated bags. Instead, they may arrange to **use transparent garbage bags to line the waste collection bin on individual floors**.

Individual tenants



Source of the waste

Corresponding Actions

Individual tenants

- If PMCs provide **door-to-door waste collection** for individual tenants, cleansing workers should:
 - Check whether the waste disposed of is wrapped in designated bags and **reject any NCW**.
 - **Prepare extra designated bags** for tenants who cannot wrap their waste properly in designated bags immediately.
 - Record the information of the relevant tenants to **facilitate PMCs/cleansing contractors to recover the relevant fees** of designated bags.



Source of the waste

Corresponding Actions

Other common areas

- Small-sized waste disposed of by **visitors** in **small litter containers placed in common areas** (e.g. lift lobbies, podium gardens) **is not required to be wrapped properly in designated bags**.
- Cleansing workers are **not required to check for NCW** when collecting waste from such litter containers.
- 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 commercial and industrial building premises is properly wrapped in designated bags** before handing it over to PWCs' RCVs with rear compactors.



4. Arrangements for the Expenditures on Handling of Waste in Common Areas and NCW

Apportionment of Designated Bags expenditures among tenants

- PMCs may charge the tenants based on the actual expenditure or in the form of a fixed monthly approximate fee.

Reduction of Expenditures on MSW Charging to be Apportioned among tenants

- PMCs may review the number and locations of public litter containers and remove part of it in common areas.

Regular Surveys on Waste and Garbage Bags Usage in the Premises

- PMCs may consider jointly conducting regular surveys with cleansing contractors to collect the daily waste and garbage bag usage data on their premises.





Implementation of MSW Charging in C&I Buildings

Charging by Weight

1. Arrangements for opening "gate-fee" accounts

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

- PMCs and cleansing contractors may **engage PWCs with "Type A Account"** directly to collect and dispose of waste on their behalf.
- PMCs and cleansing contractors should **discuss the arrangements for waste collection services and list the relevant arrangements and calculation methods in the contract**, to protect the interests of both parties
- PMCs and cleansing contractors 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 C&I Buildings

Charging by Weight

The screenshot shows the website header with logos for '家好樓 D+Easy', '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: a yellow box for 'Type A Account (Vehicle-based account)', a pink box for 'Type B Account (Waste producer-based account)', and a light green box for 'Exemption Account (for Government departments)'. Below this is a 'Notes to Registration' section with a list of requirements. A red starburst callout on the left says '"Gate-fee" accounts are now open for registration'. A green callout points to the 'Type B Account' box with the text 'Apply for "Type B Account" here'. Another green callout points to the 'Login' link with the text 'Login here after application'.

Home 家好樓 D+Easy

垃圾收費 MSW CHARGING

環境保護署 Environmental Protection Department

Application Form ▾ FAQ Text Size EN 繁 簡 Login

Account Registration

Type A Account (Vehicle-based account)

Type B Account (Waste producer-based account)

Exemption Account (for Government departments)

Notes to Registration

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)



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MSW CHARGING



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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Implementation of MSW Charging in C&I Buildings

2. Waste collection arrangements

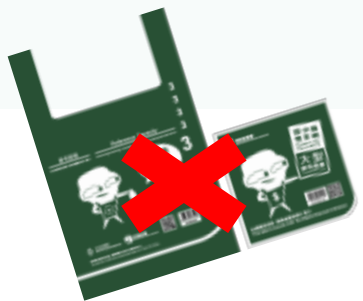
Source of the waste

Corresponding Actions

Individual tenants' waste

Property Management Companies:

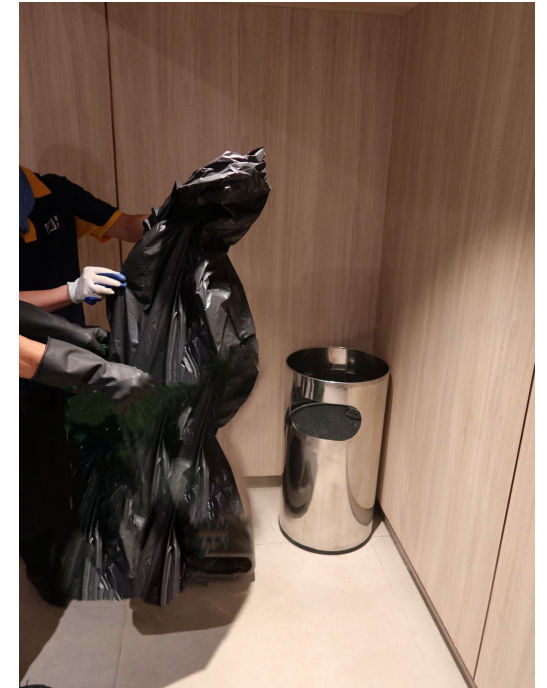
- Are not required to have cleansing workers check whether the waste disposed of by individual tenants has been wrapped properly in designated bags
- Can **provide cleansing workers with ordinary garbage bags** to collect and dispose of the above-mentioned waste.
- Should make records on the amount of garbage disposed of by individual tenants to apportion the "gate fee".



Source of the waste Corresponding Actions

Other common areas

- Cleansing workers are **not required to check for NCW** when collecting waste from litter containers in common areas.
- Cleansing workers may **use ordinary garbage bags to collect all waste from C&I building premises (including waste from unknown sources)** and hand it over to PWCs' RCVs without rear compactors.





Implementation of MSW Charging in C&I Buildings

3. “Gate-fee”- Payment Arrangements

- PMCs should prepare relevant guidelines or tenant rules for their reference when devising the “gate-fee” apportionment mechanism.



Apportionment of fees proportional to the usage of garbage bags

Consider adopting standardised garbage bags (Non-designated bags) to apportion the “gate fee”

- PMCs may provide tenants with garbage bags of one or more specific capacities while tenants would request garbage bags of suitable quantities and/ or capacities depending on their monthly needs.
- PMCs may apportion the “gate fee” with monthly records on the amount of garbage bags/ total capacity of garbage bags distributed to each tenant.

Apportionment of fees based on the weight of waste

Consider apportionment of fees based on the weight of waste

- PMCs may adopt weighing equipment coupled with an identification system to apportion the “gate fee”.

Specifying the fee levels for common oversized waste

Consider the fee levels for common oversized waste

- PMCs may establish a list of “Weights of Common Oversized Waste” and their corresponding “gate fee” based on tenants’ industry to apportion the “gate fee”.

4. Apportionment of “Gate-fee” for Handling Waste generated in Common Areas and Waste from Unknown Sources among Tenants

Suggestions on Apportionment of “Gate-fee” among tenants

- PMCs may charge the tenants based on the actual expenditures or in the form of a fixed monthly approximate fee.

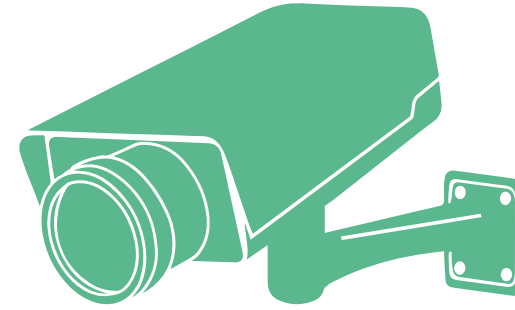
Suggestions on preventive measures PMCs may implement to reduce the apportion “Gate-fee” among tenants

- PMCs may review the number and locations of communal litter containers to reduce or remove them in common areas situationally.



Implementation of MSW Charging in C&I Buildings

Tackling Fly-tipping of C&I waste in Common Areas



- Increase inspection of communal waste reception areas.

- Erection of warning signs at concerned locations.

- Adopt "litter containers with small openings"

- Installation of closed-circuit televisions (CCTVs) at concerned locations.



Waste Reduction and Recycling Arrangements



Waste Reduction and Recycling Arrangements

Review of Recycling Facilities

1

- ✓ Increase the types of recyclables.
- ✓ Increase the recycling bins from the traditional three types to eight types of common recyclables to facilitate tenants to recycle and reduce overall waste.





Waste Reduction and Recycling Arrangements

Review of Recyclables Collection Arrangements




- ✓ Ensure items collected are properly handled.
- ✓ Ensure items are handled and stored separately from other waste.
- ✓ Ensure the recyclables are delivered to reliable recyclers downstream for subsequent handling and recycling.





Waste Reduction and Recycling Arrangements

Enhancement of Awareness of Waste Reduction and Recycling

- 
- ✓ Implement education and promotion on waste reduction
 - ✓ Organise green activities
 - ✓ Educate tenants to correctly sort and identify recyclables/non-recyclables





Waste Reduction and Recycling Arrangements

Supports from the Environmental Protection Department

✓ Source Separation of Commercial and Industrial Waste



➤ It aims to encourage the PMCs to set up arrangements in C&I premises to facilitate their tenants/occupants to practice clean recycling

➤ Free application for recycling bins



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Environmental Protection Department



Waste Reduction and Recycling Arrangements

General Waste Reduction and Recycling Information

- Hong Kong Waste Reduction Website



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MSW charging