

Programme on Source Separation of Waste

廢物源頭分類計劃

13 May 2009

1

Challenge of Waste Management in HK

- Over 9,400 tonnes of Municipal Solid Waste (Domestic, Commercial and Industrial Waste) disposed of at landfills every day
- Waste recovery a key focus of sustainable waste management



2

Policy Framework

- “A Policy Framework for the Management of Municipal Solid Waste (2005-2014)” was issued in 2005
- A comprehensive strategy for the management of municipal solid waste (MSW) in Hong Kong for ten years from 2005-2014



3

Targets

Avoidance and Minimisation

Reduce the amount of MSW generated in Hong Kong by 1% per annum up to the year 2014, based on the 2003 levels.

Reuse, Recovery and Recycling

Increase the recovery rate of MSW to 45% by 2009 and 50% by 2014.

4

3-Coloured waste separation bins

Total 28,600 3-coloured waste separation bins throughout Hong Kong



5

3-Coloured waste separation bins

A wider range of waste, including carton box, plastic bag, compact disc, metal container, etc. can be recovered by the new 3-coloured waste separation bins



6

Programme on Source Separation of Domestic Waste

- Territory-wide programme since Jan 2005

Objectives

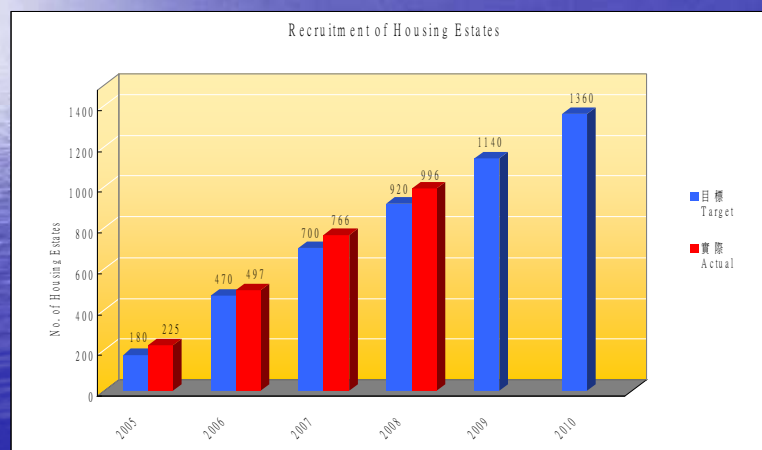
- To provide waste separation facilities on each floor of the building to facilitate residents to separate waste at source
- To broaden the types of recyclables recovered



7

Programme on Source Separation of Domestic Waste

Targets for number of participating housing estates



8

Programme on Source Separation of Domestic Waste

Progress

- 1,090 participating estates with 1.30 million households and 57% of the population (as at April 2009)
- 10% reduction in waste disposal for participating estates



9

Floor-to-floor Source Separation



Lei King Wan (鯉景灣)



Ka Lung Court (嘉隆苑)



Aldrich Garden (愛蝶灣)

10

Floor-to-floor Source Separation



Kingsford Terrace
(嘉峰臺)



Buxey Lodge
(百事樓)

11

Floor-to-floor Source Separation



Sceneway Garden
(滙景花園)



Les Saisons
(逸濤灣)

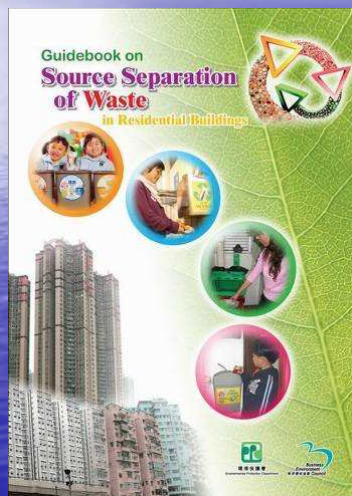
12

Ground Floor Source Separation



13

Guidebook on Source Separation of Waste in Residential Buildings

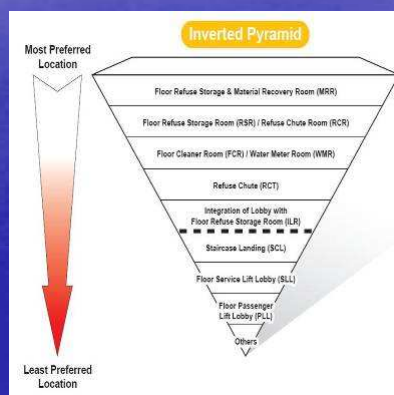


- Published in May 2006
- Provides advice on how to practise source separation of domestic waste on each floor of residential buildings and explains the related building and fire safety regulations

14

Guidebook on Source Separation of Waste in Residential Buildings

1. Floor refuse storage and material recovery room
2. Floor refuse storage room/ refuse chute room
3. Floor cleaner room/ water meter room
4. Refuse chute
5. Integrated of lobby with floor refuse storage room
6. Staircase landing
7. Floor service lift lobby
8. Floor passenger lift lobby



15

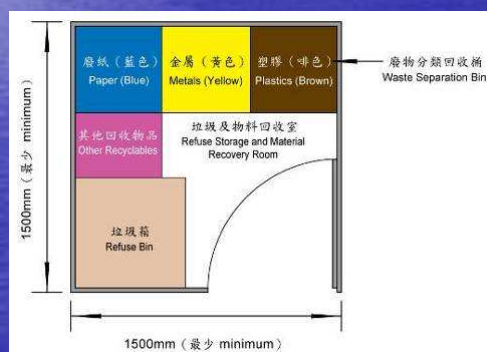
Amendments on the Building Regulations (Cap123H)

- The Building (Refuse Storage and Material Recovery Chambers and Refuse Chutes) Regulations were amended in 2008.
- Starting from 1 December 2008, all new domestic buildings and the domestic part of new composite buildings are required to be provided with refuse storage and material recovery room on every floor to facilitate source separation of waste.
- Exemption: small scale developments and buildings intended for use as hotels, dormitories, etc.

16

Refuse Storage and Material Recovery Room

- Minimum floor area: 2.25m² (1.5m x 1.5m)
- Exempted from gross floor area calculation under Building (Planning) Regulation 23(3)(b)



17

Technical Support

- EPD staff to provide on-site technical advice given physical constraints on each floor
- EPD staff to attend meetings of incorporated owners' committees/ residents' organizations to explain details of the programme



18

Funding Support Environment and Conservation Fund

- Incorporated owners' committees, owners' committees or any residents' organizations of private housing estates / residential buildings are eligible to apply for the Fund. Property Managers can also apply on their behalf.
- A limit of 50% of the total actual expenditure spent on the approved waste separation facilities on each building floor, not exceeding HK\$800 per building floor
- 100+ applications have been approved for ECF subsidy amounting to \$4.2M



19

Education and Promotion

Promotional materials



Education and Promotion

Fun Day, Talks and Exhibitions



21

Competition on Source Separation of Domestic Waste

Competition period :
1 April to 31 March each year



22

Model Family Competition

- To provide a platform to the public for sharing of experience and daily tips on domestic waste recovery
- To award the selected model families on waste reduction and recovery (with sponsorship from private organizations, e.g. HSBC)



23

Source Separation of C&I Waste

- Launched in Oct 2007
- Encourage property management to arrange waste recovery at source
- 450+ C&I buildings signed up by Apr 2009



24

Model Buildings

城市大學



創紀之城



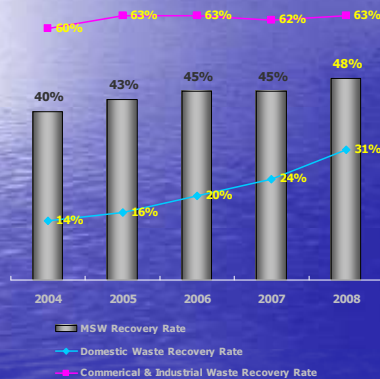
國際金融中心二期



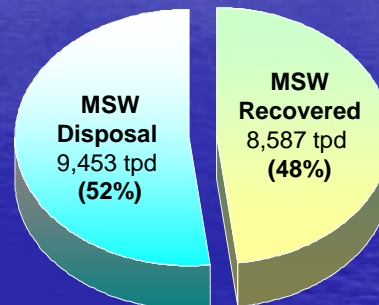
25

Municipal Solid Waste Recovery

Recovery Rates 2004-2008



Quantity Recovered in 2008



26

How to Join

- Any housing estates or residential buildings wish to join this Programme, please call the EPD through their Management Company, Incorporated Owners' Committee or Owners' Committee

Hotline: 2838 3111

Website: www.wastereduction.gov.hk
www.ecc.org.hk

27

Thank You



28