

**HO CHI MINH CITY'S PEOPLE COMMITTEE
DEPARTMENT OF NATURAL RESOURCES AND THE ENVIRONMENT**

3Rs PROMOTION IN HO CHI MINH CITY



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Outlines



- **Introduction of HCMC Environmental Protection Fund (HEPF)**
- **3Rs promotion activities in HCMC**
- **Cooperation between Osaka city and HCMC**

Introduction of HEPF



HEPF is a public financial organisation under the Department of Natural Resources and the Environment (DONRE), established by Decision of Ho Chi Minh City People's Committee.





What HEPF do?

- Receiving, managing and using the capital granted by the state as well as other financial contribution or investment trust in order to raise the capital of HEPF;
- Providing financial support for individuals, organisations and enterprises of all kinds of economic sectors that have programs, projects or activities relating to environmental protection;
- Cooperating with other financial organisations in giving grants or loans to environmental protection projects;
- Receiving deposit for environmental restoration in mineral exploitation activities;
- Coordinating and financially managing important environmental protection programs and projects;
- Carrying out othe tasks assigned by DONRE and HCMC's PC.



3Rs promotion activities in HCM

1. The pilot program of solid waste separation at source

is deploying in 6 districts, wholesale markets, shopping centers, industrial zones...



Name and recognize types of waste

The solid wastes are separated at source into 2 types



Type A: called “Food Waste”

including wastes of food scraps, fruit and veggie scraps, leaves, branch trimmings, grass clippings, meat & bones, fish & shellfish, eggs & shells, tea bags, coffee grounds, tea grounds



Type B: called “Other Waste”

including all of wastes after separating Food Waste such as including aluminium cans, steel cans, plastic bottles, plastic bags, plastic containers, straws, plastic cups, boxboards, cardboards, paper towels, tissues, newspaper, glass bottles, others



2. 3Rs education and communication activities



Waste Recycling Day

*The biggest **annual** event on 3Rs promotion in HCMC since 2008*





Household hazardous waste collecting program

(used batteries, lamps, hazardous chemical containers...)





The “3Rs in school” program

- *Conducting the waste separation;*
- *Training teachers and pupils about 3Rs;*
- *Implementing 3Rs activities for pupils
(collect recyclable wastes, exchange old
stuffs...)*





3. PLASTIC BAG USE REDUCTION

Target: reduces plastic bags using at the supermarkets and shopping centers:

The scheme of enhancing the control of environmental pollution due to plastic bags using in the living toward 2020

Target (amount)	Supermarkets, shopping centers	Market	Collect Recycle
To 2015	40%	20%	25%
To 2020	65%	50%	50%





- Raising public awareness about environmental issues related to plastic bags;
- Encouraging the consumers to use less plastic bags, bring their owned bags, practicing 3Rs for plastic bags;
- Asking the retailers (supermarkets) to make their own plan for reducing plastic bags, using environmentally friendly bags instead of single-use plastic bags.





4. Recycling, waste to energy projects



Osaka – HCMC Cooperation



Cooperation history



- **In 2011:** sign an MOU on the cooperation in MSW integrated management:
 - Survey and assessment solid waste management system of Ho Chi Minh City (HCMC), including 3Rs and recover energy.
 - Implement a pilot program on domestic solid waste separation at source in Ben Nghe ward, District 1.
 - Capacity building for city and district level officials of HCMC.



- **Main cooperation activities:**

Training courses in Osaka and Ho Chi Minh City

Supported by Osaka City Government,
HCMC Government, GEC, Hitachi Zosen





- **Main cooperation activities:**

Solid waste separation at source Pilot programme

Public awareness raising





- **Main cooperation activities**

Solid waste separation at source Pilot programme

Waste composition analysis





Current cooperation activities

In 2013: sign an MOU on Low carbon city development programme

→ Develop the Climate Change Action Plan 2016-2020 for HCMC (concentrating on 10 fields)

→ Expand Household solid waste separation-at-source programme in District 1.

→ Continue the Capacity Building Program





Future orientation

(1) Develop the database for CCAP

(2) Capacity building for officers and staffs at different management levels.

(3) Feasibility studies for mitigation measures, concrete supports for mitigation infrastructure projects with apply JCM (JCM projects)

- Binh Dien Market project (SATRA, Hitz, KK Satisfactory): 40-60 tons organic waste/day → was agreed by HCMC PC, **processing (FS)**
- Waste to Energy (Hitachi Zosen): 400-600 tons/day → pre-FS

(4) Deploy and manage CCAP 2016 – 2020 in HCMC



Future orientation

HEPF:

- (1) Cooperate with Japanese organisations in giving grants or loans to environmental protection projects (including 3Rs projects);
- (2) Cooperate in 3Rs education and communication





Thank you!

HCMC Environmental Protection Fund (HEPF)

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