

# Capacity Development (CD) for Solid Waste Management

JICA emphasizes **Capacity Development (CD)** in developing countries. CD is defined as

“the process of the development for ***individuals, organizations, systems and society*** to solve problems through playing the roles individually or collectively and the process of development of the capacity (capacity to cope with problems) to set and meet goals”.

## Study Report on Capacity Development

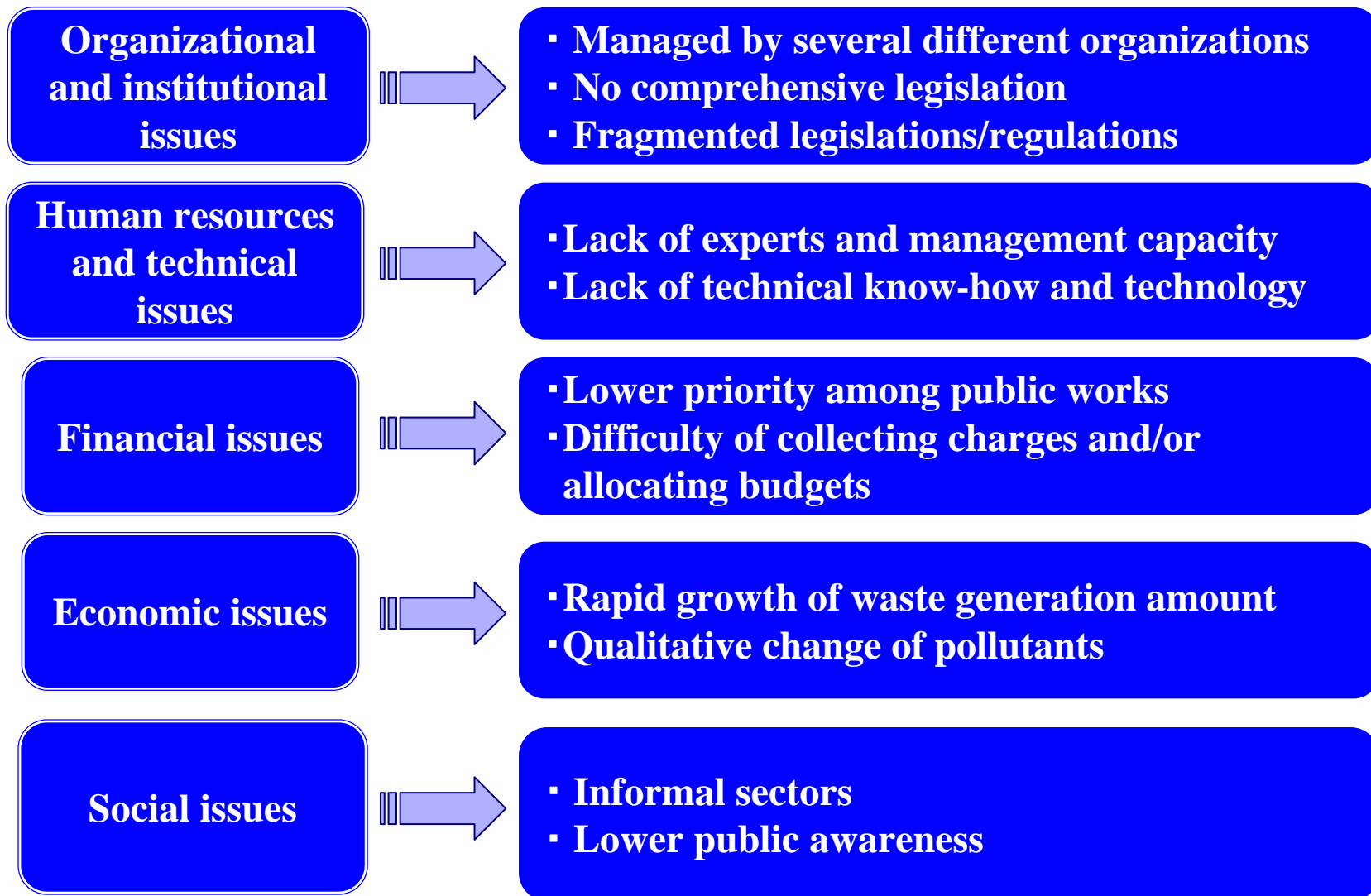
Capacity Development and JICA's Activities  
(JICA Website)

<http://www.jica.go.jp/english/publications/reports/study/capacity/>



# Comprehensive Support for CD

## Issues on Solid Waste Management in developing countries



## **Comprehensive Support for CD**

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- ✓ **Technical assistance and human resource development**
- ✓ **Creating legal and institutional system**
- ✓ **Improvement of infrastructure, facilities and equipment**
- ✓ **Development of private recycling industry and public private partnership**
- ✓ **Promotion of citizen participation**

● **Project purpose :**

Regional Strategy is implemented Pacific island nations.

● **Target Countries :**

Fiji, Papua New Guinea, Solomon Islands, Vanuatu, Federated States of Micronesia, Kiribati, Marshall Islands, Palau, Samoa, Tonga, Tuvalu

● **Partner Organization**

SPREP (Secretariat of the Pacific Regional Environment Programme), ILO

● **Project outputs:**

- (1) Systematize techniques related to the proper management of solid waste on island nations
- (2) Control the amount of solid waste
- (3) Improve waste disposal sites
- (4) Diffuse knowledge related to reducing solid waste and its proper disposal





## ● Background

- Electric and electronic wastes (e-waste) contain hazardous materials such as lead, cadmium, zinc and mercury. Inappropriate disposal of e-waste is one of causes of environmental problems like soil and water pollution.
- On the other hand, e-waste containing valuables and rare metals is becoming more important from the viewpoint of sustainable use of resources and sound material cycle.

## ● Project purpose :

To develop a model case for recycling e-waste from households through a pilot project ( collection, separation and transportation) in Penang island, Malaysia.

## ● Project outputs :

- (1) Current situation of generation of e-waste and recycling activities for it in Penang Island will be characterized.
- (2) A collection plan in the pilot project area for e-waste recycling will be established according to the local conditions of Penang Island.
- (3) The pilot project will be executed after the above-mentioned plan.
- (4) The plan will be validated and lessons and suggestions will be presented.
- (5) Capacity of Department of the Environment (DOE), local municipalities and concerning organizations will



WARM: Work Adjustment for Recycling and Managing Waste [Publications] - Windows Internet Explorer

http://www.ilo.org/asia/whatwedo/publications/lang--en/docName--WCMS\_126981/index.htm

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WARM: Work Adjustment for Recycling and ...

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### WARM: Work Adjustment for Recycling and Managing Waste

Action manual for waste collectors and communities to promote their joint actions in improving safety, health and efficiency in waste collection and management.

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|------------------|--|
| Type             | Book   |
| Date issued      | 2010   |
| Reference        | 9789221233718 (ISBN)                                       |
| Authors          | Kawakami, Tsuyoshi; Khai, Ton Tat                          |
| Format available | PDF (v, 77 p.)   |
| Unit responsible | <a href="#">ILO Subregional Office for East Asia</a>       |
| Subjects         | health policy, occupational safety and health, environment |
| Download         | English - <a href="#">pdf 2227 KB</a>                      |

Safe and efficient waste collection systems are the foundation for recycling and managing waste and protecting our environment. Waste collectors contribute to cleaning our environment through their collection work day-by-day. However, waste collectors often face many risks associated with their collection work such as handling heavy and dangerous waste, traffic accidents, or hot working environment.



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**Thank you for your attention**  
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