

Institute for Global Environmental Strategies (IGES)
 Kitakyushu Initiative for a Clean Environment

National Conference on Solid Waste Management: Building the Gap between Policy and Local Action

Opening: Day-2
 28-29 May 2009
 Bago & Talisay Cities, Philippines



*National Conference on Solid Waste Management:
 Bridging the Gap between Policy and Local Action*

Session 3: Development of Sanitary Landfills

Objective:
 Encourage LGUs to establish sanitary landfills

- ← Identify the constraints
- ← Provide the countermeasures for them.
- ← By sharing actual case studies.

What we can offer is an opportunity for information exchange.

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Discussion Points:

1. What are the constraints?

- Financing
- Engineering skills
- Lack of appropriate sites

NSWMC fund: PHP5.6 billion for safe disposal facilities

Replication strategies of demonstration projects?

2. What are the available options / measures?

- Financing ← grants, loans, funds, taxes
- Skills ← training
- Sites ←

Clustering, work at Provincial level

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3. Balance sheet

- O&M cost (expenditure)
- Tipping fee (income)
- Acceptable level of payment by residents

4. Technical options

- Liners
- Leachate treatment
- Ventilation
- Cover soil

5. Closing of open dumpsites

6. Other environmental and social issues

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Sanitary Landfills

- Metro Clark (70ha, 500t/day)
 - Large scale! Clustered.
 - Run by Metro Clark WM Corp.
 - 40% stake by 2 German companies
- San Fernando (10.6ha, 40t/day)
 - Middle scale.
 - Assisted by World Bank.
- Sagay (7.7ha, 17-36t/day)
 - Middle scale.
 - Assisted by JICA
- San Carlos (2ha, 15-17t/day)
 - Middle scale.
 - Assisted by JICA
- Other GTZ cases
 - Small scale.
 - Assisted by GTZ.

Controlled Dumpsite

- Naga (3.5ha, 86t/day)
 - Converted to a controlled dumpsite.

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