

**International Training Workshop for National Policy Framework on Municipal Waste
Management in Indonesia**
Kitakyushu City, Fukuoka Prefecture, JAPAN
27-29 October 2010

- Concept Note -

Background

Indonesia is the largest archipelago and fourth most populated country in the world with about 230 million people. The country's economic development is heavily depend on domestic consumption and it has been continued at 4% growth rate in the last few years with per capita GDP is about US\$ 4,000. Due to this economic growth and domestic consumption, solid waste generation rate has increased and on an average, every Indonesian generates 0.76 kg per day of solid waste in 2009. This increasing amount of waste creates the enormous challenges for local governments, which are directly responsible in providing effective waste collection service to its citizen.

Recent years have shown the increase of innovative approaches for solid waste management in many cities in Indonesia building partnership among different stakeholders including both formal/informal and public/private sectors. However, many of them have placed greater emphasis on waste collection and recycling. Relatively little efforts has been taken to tackle organic materials that usually represent over 50% of the total waste generation in the cities.

As a part of Kitakyushu Initiative (KI) for a Clean Environment Network supported by the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), Kitakyushu city, Kitakyushu International Techno-cooperative Association (KITA) and the Institute for Global Environmental Strategies (IGES) has worked along with Surabaya city in establishing a system for reducing municipal waste through promoting composting. It was first developed by the Pusdakota, a local NGO in 2004 with the KITA and JPec Co. Ltd., a Japanese Consultant and gradually was spread all over the city. In this project, a multitude of success have been achieved, such as 20% reduction of waste generation in the city within a short period of time, improvement of environmental hygienic conditions in the neighborhoods, income earning opportunities for poor households, and a curb on greenhouse gas emissions in the city.

The Kitakyushu Initiative has identified replication of successful practices to other cities with similar economic, social and environmental circumstances, priorities and challenges as a key means to achieving tangible improvements on the ground, and assisted the acceleration of replication by making it possible for information and knowledge to be shared and for city-to-city cooperation to be encouraged with a view to taking practical actions. Furthermore, with the recognition of significant roles played by national governments on urban development, the Kitakyushu Initiative sought to bridge action at the local and national levels. As a result, there is a positive sign that many cities have shown great interest and taking some own initiatives to replicate Surabaya's experience in their cities, while national government took further measures to improve the solid waste management enacting the Waste Management Act, No. 18 in 2008.

Given this situation, Kitakyushu city, KITA and IGES have been involved in providing technical assistance for five other cities (Makassar, Tarakan, Balikpapan, Central Jakarata, and Palembang) under its project titled PESAMAS supported by the Japan International Cooperation Agency (JICA). These cities are currently working on the development of action plans for reducing total waste generation 10% within a period of three years and found that for the successful utilization of the composting at city level, its required supportive policy framework at national level.

In order to assist cities in overcoming obstacles they face and to make local initiative rather sustainable in a long term perspective, it is crucial to develop national policy framework, integrating the local initiative into national strategies. Thus, this training workshop would provide officials from both national and local governments from Indonesia an opportunity to observe on-going practices of

municipal waste management in Kitakyushu city and their cooperation with the national government to identify issues to be addressed in national policy framework and to outline action plan by participating ministries.

Objectives of Program

The main objective of this training workshop is to assist the government of Indonesia to prepare for national policy mechanisms in supporting local governments in the implementation of municipal waste management in particular compost utilization. During the workshop, participants will learn some theoretical and practical experience of municipal waste management in Japan, discuss key opportunities and challenges at both local and national level to make a use of municipal waste and turn it into economic gain and draw a supportive policy environment and strategic actions for implementation. The specific objectives are:

- q To learn about municipal waste management in Japan with focus on composting.
- q To facilitate a dialogue among national and local governments to identify key challenges and opportunities for material cycle aiming to achieve low carbon society development in Indonesia.
- q To outline an action plan for national governments to be integrated into national strategies in Indonesia.

Expected Outputs

The workshop shall result in drafting a national framework to support municipal waste management for promoting compost utilization to achieve the low carbon society development in Indonesia. Moreover, the workshop will have the following concrete outputs:

- q Draft agreed national framework for supporting compost utilization in Indonesia to be incorporated into national strategies.
- q Agreed action plans at city level for reducing waste generation at 10% during three years promoting compost utilization in participant cities.
- q A workshop proceeding for sharing the outputs of the event with other interest groups in Indonesia and abroad.

Follow-up Actions

The following actions will be taken as a follow-up of the training workshop under the JICA funded PESAMAS project and possible collaboration with other donor agencies;

- q Establishment of supporting institutional and policy mechanism at national level for promoting compost utilization
- q Monitoring the implementation of action plans developed by the participant cities for promoting compost utilization for reducing municipal waste
- q Carryout detailed research work to identify, analyze and extract lessons learned from existing composting schemes, driving forces and barriers for sustainable application in Indonesia.
- q Organize a follow-up workshop in Indonesia to discuss progress and way-forward.

Date and Venue

The training workshop will be held on 27-29 October, 2010 at Kitakyushu city, Japan

Participantion/Target Groups

The participants are included both national and local representatives including,

- a) Group A: The official of Government of Indonesia (level of decision makers)
 - § National Planning Agency (BAPPENAS)
 - Ø Directorate Food and Agriculture, Deputy of Natural Resources and Environment (1person).
 - § Ministry of Agriculture
 - Ø Directorate of Quality & Standarization, Directorate General of Agricultural Product

- Processing and Marketing (1 person).
 - § Ministry of State Environmental
 - Ø Assistant Deputy for Domestic Waste & Small Scale Enterprises Pollution Control, Deputy for Environmental Pollution Control (1 person).
 - § Ministry of Public Works
 - Ø Directorate of Environmental Sanitation Development, Directorate General of Cipta Karya (1person).
 - § Ministry of Cooperative & Small-medium Enterprises
 - Ø Deputy for Small-Medium Scale Enterprises and Cooperative Resources Assesment (1 person).
- b) Group B: The representative of model cities of PESAMAS Project in Indonesia (level of decision makers):
- § City of Makassar, South Sulawesi Province (1 person)
 - § City of Tarakan, East Kalimantan Province (1 person)
 - § City of Balikpapan, East Kalimantan Province (1 person)
 - § City of Central Jakarta, Jakarta (1 person)
 - § City of Palembang, South Sumatera Province (1 person)

Administrative Arrangements

1. Impelementing organizer:

City of Kitakyushu, KITA and IGES- Kitakyushu Urban Center

2. Supportive Organization

Environment and Development Division (EDD), the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), Bangkok

3. Travel to Japan

Roundtrip air ticket (basically in the form of e-ticket) and airport transfer will be arranged by the organizer

4. Accomodation in Japan

The organizer will arrange the accommodation for the participants in Kitakyushu City.

5. Expenses

(1) The following expenses will be provided for the participants:

- § Expenses for training program implementation, including the materials and interpreter services (Japanese-English/Indonesia)
- § Expenses for study tours
- § Air ticket: a round-trip ticket from Jakarta to Fukuoka, including tax (basically in the form of e-ticket).
- § Airport transfer: a round-trip airport transfer from Fukuoka to Kitakyushu
- § Accomodation in Kitakyushu City
- § Daily allowances for the meal (for 3 days)

(2) The following expenses shall be financially outsourced by each participant:

- § Expenses for visa application
- § Expenses for Fiscal
- § Expenses for a round-trip domestic airticket from the home city to Jakarta
- § Expenses for local transport/airport transfer in Indonesia
- § Expenses for the additional participants will be fully borned by their own budget

For further information, please contact:

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(2) Local coordinator in Indonesia

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