Inception Meeting of the Project on Low-Carbon and Environmentally Sustainable City Planning in Surabaya, Indonesia

Background

Surabaya City, well-known for its successful solid waste management strategy with an active promotion of organic waste composting, has started new projects in the areas of energy and water treatment. However, the city’s own activities still remain at an experimental level which require further up-scaling efforts to see tangible impacts, such as conducting studies on the demand and potential of energy saving in the city and implementation of demonstration projects.

Globally, greenhouse gas (GHG) emissions reduction is recognised an urgent issue and in response to that, the Government of Indonesia has pledged to reduce 26% of its GHG emissions by 2020 compared to the business-as-usual level in 2009, and in line with that, developed a National Action Plan for Greenhouse Gas Reduction (RAN-GRK), as well as a Local Action Plan for Greenhouse Gas Reduction (RAD-GRK) which provides guidance to local governments in their mitigation efforts.

The Government of Japan is assisting ASEAN Environmentally Sustainable Cities (ESC) activities through the establishment of the Japan-ASEAN Integration Fund and sponsoring the High Level Seminar on ESC. Japan is planning further assistance through a project which will introduce advanced Japanese technologies to Asian countries with a Joint Crediting Mechanism (JCM) or Bilateral Offset Credit Mechanism (BOCM) approach which provides crediting opportunities for implementers of mitigation projects in a measurable, reportable and verifiable (MRV) manner. Such action will also help Japan and its partners maximize co-benefits with local environmental improvement occurring alongside global climate change mitigation. There are plenty of opportunities to realize GHG reduction across local government services such as waste management, water supply, water treatment, transport and so on.

This project is one of several such projects to be implemented in Surabaya City, Indonesia, where the City Government’s commitment and capacity to develop a green and clean city is well recognized following a decade-long history of cooperation with Kitakyushu City, Japan.

1 Joint Crediting Mechanism (JCM): A carbon crediting mechanism proposed by the Government of Japan which facilitates carbon trade or offset between developed and developing countries through establishing a measuring, reporting and verifying (MRV) system of the GHG emission reductions resulting from projects which use low-carbon technologies, products, systems, services and infrastructure from Japan.

2 The City of Surabaya, Indonesia and City of Kitakyushu, Japan signed a Memorandum of Understanding (MOU) as Green Sister Cities in November 2012 to further enhance their environmental cooperation.
Objectives

The project aims to assist Surabaya in its efforts to transform into a low-carbon and environmentally sustainable city by targeting four sectors: energy management; transport and traffic management; solid waste management; and water and wastewater management. Through this, the project also aims to identify potential large-scale demonstration projects which can be implemented from 2014, as well as establishing a measurement, reporting and verifying (MRV) system for measuring the impact of GHG emissions reduction.

This inception meeting intends to raise understanding of the project by sharing the overview of the project framework and the planned activities for this year.
Programme

Time & Date: 10:00-12:30, Wednesday, 10 July 2013
Venue: Meeting Hall, 3rd Floor, BAPPEKO, Surabaya City
Language: English and Bahasa Indonesia (consecutive translation)

Opening Session (45 min.)

Opening Remarks (15 min.)
- Ir. Hermien Roosita, M.M
  Executive Secretary, Ministry of Environment (KLH), Republic of Indonesia
- Mr. Noboru Nomura
  Consul General, Consulate-General of Japan at Surabaya
- Ir. Tri Rismaharini, MT.
  Hon. Mayor, City Government of Surabaya

Introduction to ESC and relevant activities (30 min.)
- Mr. Kotaro Kawamata
  Director, International Cooperation Office, Ministry of the Environment, Japan
- Mr. Dicky Edwin Hindarto
  Carbon Trade Mechanism Division Coordinator, National Council on Climate Change Indonesia (DNPI), Republic of Indonesia
- Ms. Kuntarti Sri Rejeki SP. MSi
  Sub-sector on Natural Resources and the Environment, East Java Provincial Government
- Mr. Atsushi Sasaki
  Chief Representative, JICA Indonesia Office
- Mr. Kengo Ishida
  Executive Director, Kitakyushu Asian Center for Low Carbon Society, Environment Bureau, City of Kitakyushu

Short Break (15 min.)

Presentations of the project overview on Low-Carbon and Environmentally Sustainable City Planning in Surabaya (5 min.)

Overview of the project in Surabaya (5 min.)
- Mr. Toshizo Maeda, Deputy Director, IGES Kitakyushu Urban Centre

Session 1: Energy management; Transport and traffic management (40 min.)

Energy management (10 min.)
- Mr. Motoshi Muaoka, Partner, NTT Data Institute of Management Consulting Inc.

Transport and traffic management (10 min.)
- Mr. Ken Kumazawa, Director, Almec VPI Corporation

Panel Discussion (Q&A)
- NTT Data Institute of Management Consulting Inc.
- Almec VPI Corporation
Session 2: Solid waste management; Water and wastewater management (40 min.)

Solid waste management (15 min.)

Mr. Shintaro Higashi, Visiting Researcher, IGES Kitakyushu Urban Centre (on behalf of Nishihara Corporation,
Mr. Taiyo Miyagi, Hitachi Zosen Corporation,
Mr. Hiroshi Mekaru, Amita Corporation

Water and wastewater management (10 min.)

Mr. Keishi Kabasawa, Manager, Matsuo Sekkei Corporation
Mr. Satoru Kiyama, Director, International Project Coordination, Kitakyushu Water and Sewer Bureau
Mr. Kazuya Kubota, Director, International Project Coordination, Kitakyushu Water and Sewer Bureau

Panel Discussion (Q&A)
- Nishihara Corporation
- Hitachi Zosen Corporation
- Amita Corporation
- Matsuo Sekkei Corporation
- Kitakyushu Water and Sewer Bureau

Closing remarks (5 min.)

Mr. Kotaro Kawamata
Director, International Cooperation Office, Ministry of the Environment, Japan

Moderators:
Mr. Toshizo Maeda, Deputy Director, IGES Kitakyushu Urban Centre
Mr. Shiko Hayashi, Senior Researcher, IGES Kitakyushu Urban Centre
Participants

**Indonesian Side**

**National and Provincial Governments**
- Ministry of Environment (KLH)
  - Ir. Hermien Roosita M. M., Executive Secretary
  - Ms. Damayanti Ratunanda, International Cooperation Bureau
- Ministry of Finance
- National Council on Climate Change Indonesia (DNPI)
  - Mr. Dicky Edwin Hindarto, Coordinator of Carbon Trade Mechanism Division
  - Ms. Astri Indirawati, Project Officer of JICA-DNPI project
  - Ms. Aryanie Amellina, Project Officer for Carbon Trade Mechanisms, Carbon Trade Mechanism Division
- East Java Provincial Government
  - Ms. Kuntarti Sri Rejeki SP. MSi, Sub-sector on Natural Resources and the Environment, East Java Provincial Government
- North Sumatra Provincial Government
- South Sumatra Provincial Government
  - Ms. Regina Ariyanti, Acting Head of Spatial Planning Unit, Regional Development Planning Board (BAPPEDA)
  - Mr. Andri Wahyudi (Spatial Planning Staff - Bappeda)
  - Representative of Environmental Office
  - Representative of Bappeda Palembang city

**Surabaya City**
- City Planning and Development Department (BAPPEKO)
- Cleansing and Landscaping Department (DKP)
- Environment Department (BLH)
- Transport Department (Dinas Perhubungan, DISHUB)
- Department of Human Settlement and Space Planning (Dinas Cipta Carya dan Tata Ruang)
- Cooperation Division (Bagian Kerjasama)
- Finance Department (Bagian Perekonomian)
- Water Supply Corporation (PDAM) Surabaya
- PT Surabaya Industrial Estate Rungkut (PT. SIER)
- Others

**Private Company in Indonesia**
- Mr. Cholid Bafagih from Lloyd's Register Quality Assurance (LRQA) Indonesia

**Japan Side**
- Ministry of the Environment, Japan
  - Mr. Kotaro Kawamata, Director, International Cooperation Office
- Consulate-General of Japan at Surabaya
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Mr. Noboru Nomura, Consul General
Mr. Masaharu Nomiya, Deputy Consul General

- JICA Indonesia Office
  Mr. Atsushi Sasaki, Chief Representative
  Mr. Masato Kawanishi, Chief Advisor
  Mr. Seiji Tsutsui, JICA Advisor, Ministry of Environment, Indonesia

- City of Kitakyushu
  Mr. Kengo Ishida, Executive Director, Kitakyushu Asian Center for Low Carbon Society, Environment Bureau

- Kitakyushu Water and Sewer Bureau
  Mr. Satoru Kiyama, Director, International Project Coordination
  Mr. Kazuya Kubota, Director, International Project Coordination
  Mr. Masashi Yayama

- NTT Data Institute of Management Consulting, Inc.
  Mr. Motoshi Muraoka, Partner
  Mr. Yusuke Kikuchi, Senior Consultant

- Almec VPI Corporation
  Mr. Ken Kumazawa, Director
  Mr. Manabu Ohno, Senior Consultant

- Hitachi Zosen Corporation
  Mr. Jintoku Sakata, Senior Manager
  Mr. Taiyo Miyagi

- Amita Corporation
  Mr. Katsuhiko Sugie, General Manager
  Mr. Hiroshi Mekaru
  Mr. Eiichi Yamato

- Matsuo Sekkei Corporation
  Mr. Keishi Kabasawa, Manager
  Mr. Ichitaro Nomura

- KPMG AZSA LLG
  Mr. Teruya Saruta, Senior Manager, CPA

- IGES Kitakyushu Urban Centre
  Mr. Toshizo Maeda, Deputy Director
  Mr. Shiko Hayashi, Senior Researcher
  Mr. Shintaro Higashi, Visiting Researcher
  Dr. Shintaro Matsuda, Visiting Researcher