Japanese strategy to promote co-benefits in Asia

Masako Ogawa
International Cooperation Office
Environment Management Bureau
Ministry of the Environment
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Outline

- Co-benefits Approach
- Advantage of Co-benefits Approach
- Promotion of Co-benefits Approach by MOEJ
  - Bilateral Cooperation
    - China, Indonesia
  - Multilateral Cooperation
- Key Messages
Co-benefits Approach

- Aims to reduce GHG emissions while meeting development needs in developing countries
- Great potential to reduce GHG emissions in addressing environmental pollution

Examples:
- Using sewage sludge for cement plant
- Installing effluent treatment system at fish processing factory (reducing methane and improving water quality)
- Solar power air-conditioning as alternative energy source
Promotion of Co-benefits Approach by MOEJ

–Bilateral Cooperation
  • Study, Capacity Building, Demonstration Projects
    –China, Indonesia

–Multilateral Cooperation
  • Platform, Funding for research
Bilateral Cooperation

• Bilateral Agreements
  – Indonesia
    • Phase I: 2008-2010
    • Phase II: 2011-2014
  – China
    • Phase I: 2008-2010
    • Phase II: 2011-2015

Training seminar
(Xiangtan City, Hunan Province)
Bilateral Cooperation - China

• Phase I
  • Capacity Building, Joint Study for GHGs reduction
    • In relation with the 11th five year plans

• Phase II
  • Joint study to promote Co-benefits Approach
    • Target: Reduction of NOx
      • In relation with the 12th five year plans
    • Policy, technical examination
    • Quantitative evaluation
  • Model Project
    • Feasibility study for sewage sludge utilisation at cement plant
Bilateral Cooperation - Indonesia

• **Phase I**
  - Feasibility studies and recommendations on appropriate environmental measures

• **Phase II**
  - Study in the agro-industry
    - Life Cycle Assessment for palm oil industry
  - Examination of Biomass Utilisation
  - Demonstration Project
    - Wastewater Treatment at Fish Processing Factory
  - Air-conditioning System with Solar Energy

Left: Installation area of the treatment system at the fish processing factory
Right: An existing wastewater treatment system
Multilateral Cooperation

• Asia Co-benefits Partnership (ACP)
  – interactive platform for information sharing and stakeholder coordination on co-benefits in Asia (http://www.cobenfits.org)
  – White Paper

• United Nations University (UNU)
  • Tools, Journal

• International Institute for Applied Systems Analysis (IIASA)
- with UNEP
  Efforts will be made by experts and researchers to consolidate and enrich scientific knowledge and findings about air pollution.
  Regional forums will be established, based on the existing initiatives, to share information about air pollution in Asia and to cooperate on a regional basis.

- with CAA
  The Guidance Framework for Better Air Quality in Asian Cities will be completed.
  An Asian meeting on urban air environment will be held as part of efforts to build the capacity to utilize the Guidance Framework.
Key Messages

• Refining strategy for Co-benefits Approach
  ➢ Feedbacks from current projects, study, capacity building
  ➢ To review achievement and to identify issues
  ➢ Establishing a committee to discuss strategies
  ➢ Cooperation with industries, academics
  ➢ Expansion of bilateral cooperation
Thank you very much

MASAKO_OGAWA@env.go.jp
www.env.go.jp