

# Introducing IGES Collaboration Centre with UNEP on Environmental Technology

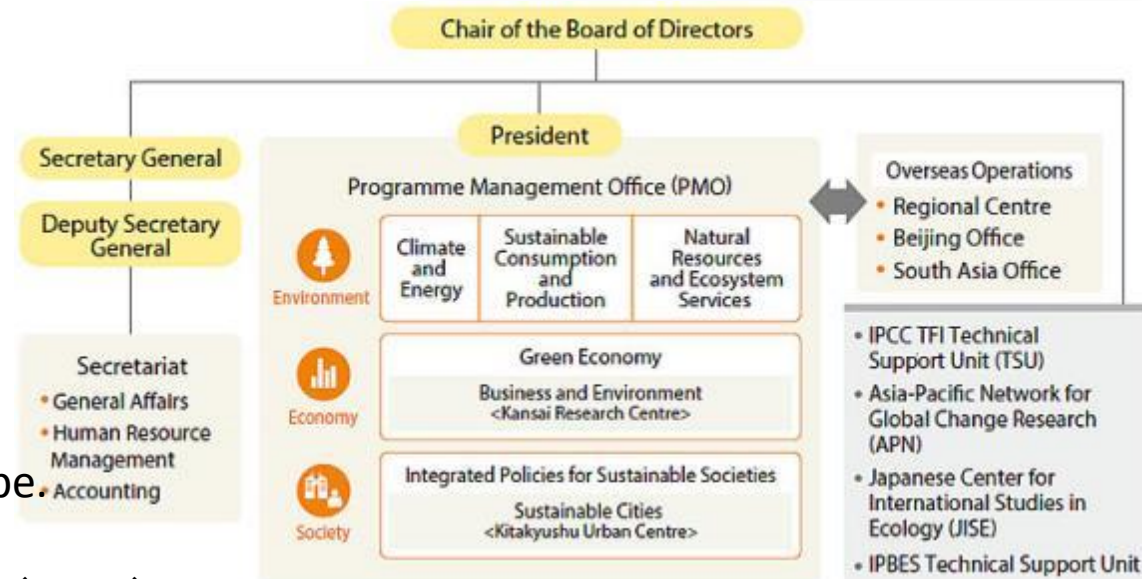
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# Institute of Global Environmental Strategies

- **Founded** in 1998 under the initiative of Japanese government and with the support of Kanagawa Prefecture.
- **Purpose:** To conduct innovative policy development and strategic research for environmental measures, reflecting the results of research into political decisions for realizing sustainable development both in the Asia-Pacific region and globally.
- **HQ:** Hayama, Kanagawa Pref.
- **Employees:** 175
  - > Researchers 100
  - > Foreign Researchers 42% (As of March 2013)
- **Ranked** as 38th out of 6,500 research institutions across the globe (2014, Univ. Pennsylvania)
- 15/210 in Climate Change Research (2013)



# Advancing 3R in Asia-Pacific Region

IGES has...

- contributed to the foundation of **Regional 3R Forum in Asia and the Pacific** in November 2009.
- supported formulation of **national 3R strategies** for 6 countries including Philippines and Vietnam, in collaboration with UNCRD and UNEP.
- supported **bilateral cooperation projects of GoJ** with Malaysia and Vietnam in assisting 3R policy implementation.
- developed a **technical review guideline** on Solid Waste Management through 3R and its contribution to Climate Change in Asia's developing countries (Thailand, Laos, Cambodia).
- been engaged in **Extended Producer Responsibility (EPR) research**
- been engaged in **research on recycle accreditation system** as a contribution to Appropriate Management Guideline relevant to Basel Convention processes.
- managed Working Group on 3R Policy Indicators during Regional 3R Forum in Asia and the Pacific, and developed "**Facts on 3F Policy Indicator**" Series publications.



The 3rd Regional 3R Forum in Asia and the Pacific, Singapore, October 2011





# UNEP International Environmental Technology Centre (IETC)

IETC is a branch of UNEP / Division of Technology, Industry and Economy (DTIE), and is responsible for works relevant to waste management.

Its main function is to promote the application of Environmentally Sound Technologies (ESTs) in developing countries and countries in transition, with a focus on waste management related issues.

It is located in Tsurumi Park, Osaka





# IETC's Approach to Waste Management

- **Holistic Approach to Waste Management**
- **Waste-to-Resource:  
From Linear Flow to Closed-loop of Resource Circulation**
- **Promotion of Preventive Policy and 3R**





# EXPERIENCE OF IETC: INTEGRATED WASTE MANAGEMENT

- Wuxi City, China – 2008
- Pune City, India – 2008
- Maseru City, Lesotho – 2009
- Matale City, Sri Lanka – 2009
- Novo Humburgo City, Brazil – 2009
- Nairobi City, Kenya – 2010
- Bahir Dar City, Ethiopia – 2010
- Pathum Thani Province, Thailand – 2011
- Addis Ababa City, Ethiopia – 2011



- Da Nang City, Vietnam - 2012
- Kampot City, Cambodia - 2012
- Bangkok City, Thailand - 2012
- Honduras - 2013

# Installation of Collaborating Centre

2012 Administrative Project Review by the Ministry of Environment, Japan (MOEJ), regarding its contribution to the UNEP-IETC, suggested “a fundamental improvement” including the possibility of discontinuation towards IETC.

In 2012, MOEJ has installed the “External Specialist Committee on the budget related to the UNEP/IETC”. The following recommendations were put forward by the Committee in its report issued in July 2013.

- **Improvement of governance** including periodic meeting of IETC International Advisory Board (IAB) and evaluation of IETC’s work by MOEJ.
- **Clarification of operational domain:** strong focus on waste management with attention to its contribution to other fields such as climate change.
- **Organizational improvement** including **installation of Collaborating Centre** and strengthening support network.
- **Improvements in communication and outreach**, especially with enhanced effort for publicity in Japanese language.

MOEJ officially announced the establishment of the Collaborating Centre in September 2013. MOEJ subsequently selected IGES as the responsible organization in which to host the Center through public offering process.

## Agreement between UNEP and IGES

A formal agreement was signed by the two parties in December 2014 on the side-lines of the UNFCCC COP20 event held in Lima, Peru.



**IGES Centre Collaborating with UNEP on Environmental Technologies, CCET** was officially installed in IGES headquarter in Hayama.

1 Director and 2 full-time researchers from Sustainable Consumption and Production (SCP) Area are assigned.



# Collaborating Centre: Initial Work Plan

## 1. Supporting Development / Implementation of National & City Level Waste Management Strategies and Action Plans

One city will be selected for each in Cambodia, Nepal and Myanmar for development of national as well as city-level comprehensive waste management strategies and action plans, and for implementation of pilot projects.

Additional target countries to be considered in future upon requests from stakeholders. Outreach activities for other cities in the selected countries and expansion of the project to other countries will also be explored.

For the 3 countries of target, the Centre plans to hold the first national workshop in May, the Second Workshop at the end of 2015, and complete Waste Management Strategy and Action Plan in the spring of 2016. The pilot project will be implemented after 2016.

## 2. Contribution to development of Knowledge-hub and Curriculum for Waste Management

Collected data, policy information and technical knowledge gained through above activities will be provided to IETC as the contribution to its Waste Management Knowledge-hub. Centre will provide case study materials for the curriculum IECT plan to develop in collaboration with Kyoto University, Asian Institute of Technology (Thailand), Tongji University (China), TERI University (India), and University of New South Wales (Australia). The Centre will also conduct workshops.

## 3. Supporting IETC's Outreach

In order to support IETC's outreach effort to relevant stakeholders in Japan, the Centre will provide assistance through organizing its own event(s) in Japan, setting-up exhibition booth in relevant events, engage in publicity, organizing websites, and providing Japanese contents.

The Agreement between UNEP and IGES stipulates that CCET can also engage in projects partly or entirely financed by external funding, in addition to the projects mandated by the above Project Cooperation Agreement (PCA). The Center will also seek the possibility of conducting projects financed by government agencies, development assistance institutions, international organizations and private parties.

## **Possibilities of Cooperation**

- Government (MOEJ, MOFA, METI and their administrative bodies)
- Cities and Local Governments
- Relevant Organizations / Institutions
  - Industrial Organizations  
(e.g. National Fed. Industrial Waste Management Associations)
  - Educational / Research Institutions
  - Universities
  - International Organizations (UN, WB, ADB...)

## **Modes of cooperation to be explored in consideration to the strengths and weaknesses of each option.**

- Financial support
- Bridge-building between partner countries / cities  
(The roles of GoJ and UN are different)
- Information sharing
- Joint / coordinated actions