IGES Capacity Building Activities for the Joint Crediting Mechanism

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IGES Overview

Institute for Global Environmental Strategies (IGES) was established under an initiative by Japanese government in 1998. IGES conducts policy research for environmental measures, reflecting the results of research into political decisions for realising sustainable development both in the Asia-Pacific region and globally.

Chair of the board of directors

150 staffs in total

Secretary general

Deputy Secretary general

Secretariat
- General affairs
- Human resource management
- Accounting

Climate and Energy

Sustainable Consumption and Production

Natural Resource and Ecosystem Services

Green Economy

Business and Environment <Kansai Research Centre>

Integrate Policies for Sustainable Societies
Sustainable Cities <Kitakyushu Urban Centre>

Overseas Operations
- Regional Centre (Bangkok)
- Beijing office
- IPCC Technical support Unit
- Asia-Pacific Network for Global Change Research
- Japanese Center for International Studies in Ecology (JISE)
IGES Capacity Building Activities

2003~ Dissemination and reform of the CDM
(Workshop on the CDM, technical consultation, Policy proposals to CDM EB and UNFCCC secretariat)

2011~ The Joint Crediting Mechanism and Domestic market readiness
(Workshop on the JCM, Support of the designing of ETS & domestic carbon market and Research etc.)

Database and Publication
• Several CDM Database collaborated with UNFCCC secretariat
• CDM in Charts
  - Country Fact Sheet
  - CDM Reform paper
  - Policy report

Our CB activities have operated for 10 collaborating countries.
Capacity building activities for the JCM

- IGES supports 10 Asian countries to enhance the human resources for new market mechanisms including JCM implementation
  - Dissemination of JCM concept through the workshop and seminar
  - Project identification under the JCM
  - Consultation on methodologies to calculate the GHG emission reductions
  - Training programme for Third Party Entity (TPE)
The JCM methodologies should:

- The JCM methodologies are designed in such a way that project participants can use them easily and verifiers can verify the data easily. (MOEJ, 2013)

### Development of MRV methodology 2012-2013

<table>
<thead>
<tr>
<th>Countries</th>
<th>Sectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cambodia</td>
<td>Biomass (Rice husk)</td>
</tr>
<tr>
<td>Lao PDR</td>
<td>Waste (Composting)</td>
</tr>
<tr>
<td>Mongolia</td>
<td>Fuel switch (Bio diesel)</td>
</tr>
<tr>
<td>Viet Nam</td>
<td>Energy efficiency</td>
</tr>
</tbody>
</table>

Facetiae understanding on methodology issues to host countries
Calculation of grid emission factor as default value

- **Mongolia**
  - Ulaanbaatar Grid

- **Lao PDR**
  - Lao National Grid

GEFs under the CDM can be also utilized for other mechanisms
Training of TPE for the JCM

Case in Mongolia

Training programme for TPE
– ISO14064-3

Potential TPE in Mongolia

Training programme for accreditation body
– ISO14065

Mongolian Agency for Standardization and Meteorology (MASM)

ISO-14064-3: Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions
ISO-14065: Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition
Overviews of JCM capacity building

- Introduction of the JCM
- Matching
- Methodology check
- Eligibility criteria
- Validation and Verification
- Workshop
- Consultation
- Project development Feasibility studies financed by GEC
- Private sector Local government unit
- Matching
- Japanese firm

Global Environmental Center: GEC
CB needs for operation of Joint Committee

• How to enhance capacity to assess JCM methodologies?
  – Eligibility criteria, reference scenario, etc.

• How to facilitate registration of project?
  – Procedure, guidelines, priority of project etc.

• How to promote accreditation of third party entity?
  – ISO 14065, DOE, sectoral scope, etc.