IGES’s planned capacity building in Mongolia up to March 2015

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Outline of the activity

• Activity 1: Training selected technical experts on JCM

• Activity 2: In-depth training for validation

• Activity 3: Improving the availability of Grid Emission Factor in Mongolia
Activity 1: Training selected technical experts

- Technical experts are expected to:
  - assist project developers towards JCM project formulation,
  - assist foreign TPEs for their on-site validation and verification, and
  - possibly provide technical inputs to the JC, especially for reviewing proposed JCM methodologies and projects.
Activity 1: Training selected technical experts

- Two training sessions will be organised, on the following subjects:
  - **Rules of JCM**: the latest rules on JCM will be briefed in detail.
  - **Methodologies**: key concepts in developing and approving JCM methodologies will be discussed, based on existing and hypothetical JCM methodologies.
  - **Validation and Verification**: rules and practices on validation and verification process will be discussed in detail (linked to Activity 2 on training for VV).
  - **Financing**: Possible modes of financing JCM projects, including Japan’s financing scheme as well as Mongolia’s.
Activity 2: In-depth training for validation

- Develop local capacity for validating JCM projects in order to,
  - Support foreign TPEs, (linked to Activity 1)
  - Assist PPs for VV processes, and (linked to Activity 1)
  - Possibly become a Mongolian TPE through ISO14065 accreditation.
Activity 2: In-depth training for validation

• The training programme will be taking 4 days, namely
  – Day 1 for preparation, namely desk-review,
  – Day 2/3 for site-visit of promising project (5 trainees/day) to interview the PPs for the follow-up to the desk-review, and
  – Day 4 for wrap-up to draft validation report.

• Trainees are supposed to be;
  – potential TPE
  – project participants and supporting experts
Activity 3: Improving the availability Grid Emission Factor in Mongolia

• Grid emission factor is essential for JCM project development.

• More renewable energy projects are likely to take place outside the Central Grid, namely
  – Western Grid,
  – Eastern Grid, and
  – Altai-Uliastai Grid.

• The grid emission factors of these grids still need to be developed as developed for the Central Grid.
Activity 3: Improving the availability Grid Emission Factor in Mongolia

• For calculation, the following materials should be used as key reference
  – “Methodological tool: Tool to calculate the emission factor for an electricity system Version 4”
  – “IGES CDM Grid Emission Factor Calculation Calculation Sheet”

• The data collection will likely require cooperation with National Dispatch Centre under the Ministry of Energy of Mongolia.
Activity 3: Improving the availability Grid Emission Factor in Mongolia

• Two expert workshops will be organised to discuss the appropriateness of the calculated grid emission factor, as well as the possibility of developing a national standardized grid emission factor in Mongolia.

• IGES will provide technical inputs to MEGD on required data, and also calculate the grid emission factor.
# Schedule

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<th>Activity 2 (Training on Validation)</th>
<th>Activity 3 (Grid Emission Factor)</th>
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<td>September</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; training session</td>
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