

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 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

Date	Activity 1 (Training technical experts)	Activity 2 (Training on Validation)	Activity 3 (Grid Emission Factor)
September	1 st training session		1 st expert workshop
October		Training	(Data collection and calculation)
November			
December			
January 2015	2 nd training session		2 nd expert workshop
February	Submission of the final report		