

# *Update on methodological work within UNFCCC and future outlook*

## **Workshop on CDM Methodologies and Technical Issues**

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# *Structure of the presentation*

- ◆ The methodology approval process
- ◆ Existing methodologies for power generation and energy efficiency
- ◆ Issues under discussions

# *Methodology Approval Process*

- ◆ Bottom – up process
  - Methodologies submitted by project participants in normal scale projects.
- ◆ The Meth Panel role:
  - Broadening the scopes by generalizing methodologies based on specific projects.
  - Consolidation of methodologies.
  - Deviations and revisions.

# *Power generation methodologies*

- ◆ Fuel based technologies
  - Based on renewable energy sources
    - New capacities.
    - Replacement in existing fossil fuel plant.
    - Specific to merit order based dispatch grid.
  - Based on renewable biomass.
  - Based on waste gas.
- ◆ Technology based
  - Conversion of single cycle to combined cycle.



# *Energy efficiency projects*

- ◆ Cogeneration project replacing separate power and heat generating activities (AM0014).
- ◆ Improving efficiency of water delivery system (AM0020).
- ◆ Stream use efficiency improvement (AM0017).
- ◆ Steam optimization systems (AM0018).

# *Pending methodologies*

## ◆ Energy efficiency

- Mandatory energy efficiency standards for equipments.
- Energy efficiency in industry (breweries).
- Energy efficiency in cement industry.
- Generation efficiency in existing hydro project.

## ◆ Power projects

- Large scale hydro projects that create new reservoirs.
- Biomass power generation based on establishment of new plantation.

# *Rejected methodologies*

- ◆ District heating.
- ◆ Energy efficiency in heat conversion and heat transfer.
- ◆ Electric motors program.
- ◆ Demand management project.

# *Future activities*

- ◆ GHG emissions from Hydro reservoirs.
- ◆ Weight for OM/BM.
- ◆ Baseline scenario selection.
- ◆ Compilation of EB clarifications on methodology.
- ◆ Equipment and procedures specification for monitoring.
- ◆ Use of surveys in Methodologies.