

**DRAFT WORK PROGRAMME - METHODOLOGIES PANEL FORTY-SECOND MEETING**  
**Bonn, Germany**  
**18 - 22 January 2010**

<b>Proposed new methodologies:</b>
<b>NM0280:</b> Installation of zero energy water purifier in India
<b>NM0295:</b> Installation of an energy-saving ironmaking plant in the northern part of Vietnam
<b>NM0301:</b> Production of a cement extender from slag for increasing the blend in cement production and the increase in energy efficiency in the production of ferromanganese alloys in electric arc furnaces through the recovery of metal from the slag
<b>NM0303:</b> PFC gas emissions reduction by gas replacement for CVD cleaning processes in semiconductor processing operations
<b>NM0305:</b> Comprehensive energy efficiency improvement of existing coal-fired power plants
<b>NM0306:</b> Pudong Steel COREX® Project
<b>NM0310:</b> Carbon di-oxide emission reductions by the introduction of Hot Direct Reduction Iron in the Electric Arc Furnaces
<b>NM0313:</b> Air separation using cryogenic energy of LNG
<b>NM0319:</b> N <sub>2</sub> O abatement in New Capacity nitric acid plants
<b>NM0320:</b> Modal shift transportation for less intensive GHG emission
<b>NM0322:</b> Provision of natural gas-based electricity to a single user from a new plant owned and operated by the power supplier
<b>NM0323:</b> Destruction of HFC-134a of End of Life Vehicles (ELVs) refrigerant
<b>NM0325:</b> Efficient energy generation using biomass residues along with improvement in demand side energy efficiency in a Sugar Mill
<b>NM0326:</b> Hot metal production through efficient blast furnace system (s)
<b>NM0327:</b> Reducing losses of SF <sub>6</sub> in electricity transmission and distribution equipment manufacture

<b>Requests for Clarification:</b>
<b>AM_CLA_0169 (ACM0002):</b> Clarification on applicability conditions of ACM0002 Version 10
<b>AM_CLA_0170 (ACM0002):</b> Guidelines for the reporting and validating of plant load factors
<b>AM_CLA_0171 (ACM0012 ver. 3):</b> Applicability of the baseline scenario as Coal based Captive Power plant in a green field project in which WHRB and AFBC boiler based power plant are implemented
<b>AM_CLA_0172 (AM0034 ver. 3):</b> Recalculation of baseline emission factor due to shortening of campaign length

<b>Requests for Revision:</b>
<b>AM_REV_0141 (AM0024 ver. 2):</b> Extension of methodology AM0024 to cases where the project activity displaces both grid electricity and electricity from an identified power generation source
<b>AM_REV_0145 (ACM0006 ver. 7):</b> Propose a new scenario (scenario 22) to include the situation in which biomass residues and fossil fuels are used in the baseline scenario
<b>AM_REV_0147 (AM0028 ver 4):</b> Revision to expand applicability to Caprolactam plants using the HPO® process
<b>AM_REV_0149 (ACM0014):</b> Alternative Approach to Appendix II for estimation of the Chemical Oxygen Demand that is lost through sedimentation, and correction of equation 17 in ACM0014 version 03, page 17/37

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**Requests for Revision:**

- AM\_REV\_0157 (ACM0012 ver.3):** The applicability of the methodology has been expanded to accommodate the usage of waste energy for supply of heat of reaction with or without process heating
- AM\_REV\_0169 (ACM0006):** Amplification of applicability by the addition of a new project scenario based on a new combination of the existing alternative baseline scenarios
- AM\_REV\_0172 (ACM0006):** ACM0006 version 9 “Consolidated methodology for electricity generation from biomass residues
- AM\_REV\_0173 (AM0070 ver. 2) -** Revision of assessment and data collection on manufacturer benchmark and market benchmark
- AM\_REV\_0174 (ACM0014 ver. 3) -** Possibility to include wastewater solids that are separated from the wastewater to prevent open lagoon clogging and therefore have a different baseline, in a scenario 1 type anaerobic digester wastewater treatment project
- AM\_REV\_0175 (ACM0003 ver. 7) -** Revision of ACM0003 to extend applicability to new plants
- AM\_REV\_0176 (ACM0010 ver. 5):** Revision to include “the identified baseline scenario is a counterfactual anaerobic treatment system that generates methane without destruction by flaring or energy production” in the applicability
- AM\_REV\_0177 (ACM0006 ver. 9):** Inclusion of a new scenario for biomass residue based project activities which use fossil fuels during non- availability of the biomass residues, through the inclusion of new alternatives for power and heat (P12 and H11)

**Other Issues:**

- Revision of the Combined Tool
- ACM00xx: Consolidated methodology for electricity generation from biomass residues in power-only plants
- Revise approved methodologies to further improve their objectivity, applicability, usability and consistency.
- Reference to various methodologies-Tool for renewal of crediting period
- Revision of AM0034
- Revision of ACM0012
- Revision of AM0048
- Consultancy reports and way forward on “Tool to determine the weighted average cost of capital (WACC)”
- Consultancy report and possible approaches of addition of annex in ACM0012 for complex iron and steel industry
- Reference to various methodologies: Tool to determine the mass flow of a greenhouse gas in a gaseous stream
- Reference to various methodologies: Tool to determine the baseline efficiency of thermal or electric energy generation systems
- Reference to various methodologies: Tool to determine the remaining lifetime of equipment
- Proposed tool for upstream emission factor
- Proposed tool for transportation