Practitioners Workshop on AMS-I.E, AMS-II.G and AMS-I.C: CDM methodologies for household cooking energy supply

Date: 26th October 2009

Venue: 27th Floor (Room 2705), UN Campus, Langer Eugen, Hermann-Ehlers-Str. 10, 53113 Bonn, Germany

Aim: To take stock of early project implementation experience to arrive at potential methodological solutions for the improved usability of CDM methodologies for household cooking energy supply

Time	Topic
8.30-9.00	Registration
9.00-9.15	*Welcome* **Session speakers:** -Director, SDM; -Chair of the SSC WG;
9.15-11.00	*Implementing NRB[1] substitution projects- lessons learned and challenges*. **Session Chair:** Ms. Ulrika Raab, Swedish Energy Agency **Panelists:** -*Scaling-up dissemination of cook stoves and the role of carbon funding:*Ms. Marlis Kees, GTZ-HERA -*Improving usability of Cookstove Methodologies to accomplish Clean Indoor air for All*: Ms. Brenda Doroski, PCIA, U.S. EPA -*SEDS and Bagepalli Coolie Sangha Projects:* Mrs. Sudha Padmanabhan, Fair Climate Net work -*The need for global baseline for cookstove projects*: Ms. Anandi Sharan, Women for sustainable Development, India - *Implementing the efficient woodstoves project in the Guinea Savvannah Zone of Nigeria*: Ms. Habiba Ali, DARE Nigeria[2] -*Ethiopia cookstove project*: Ms. Kayje Booker, Lawrence Berkley National Labs[3]
11.00-11.15	Break
11.15-13.00	*Determining By (quantity of biomass) and fNRB,y (fraction of By that is non renewable) in I.E and II.G* **Session Chair:** Mr. Hugh Sealy, SSC WG Chair **Panelists:** -*NRB cookstove programme in Senegal:* Mr. Olivier Tivoly, GTZ-PERACOD/Senegal -*Assessing NRB fraction*-Mr. Adam Harvey, JP Morgan Climate Care[4] -*NRB fraction in Alternative Energy Promotion Center Nepal Projects*:Mr. Samir Thapa -*Assessing NRB fraction in DARE Nigeria-LHL Germany project:* Mr. Florian Zerzawy, ATMOSFAIR[5]

[1] Non renewable biomass
[2] presents DARE Nigeria - Developmental Association for Renewable Energies
[3] presents LBNL-World Vision Ethiopia project
[4] presents Grameen Shakti Bangladesh PoA

	-*Quantifying By and fNRB,y in a dynamic baseline:* Mr. David Mukisa, KEAN Development, Uganda
13.00-14.00	Lunch Break
14.00- 14.45	*Eligible technologies and GHGs under NRB methodologies* **Session Chair:** Mr**.** Peer Stiansen, SSC WG Vice Chair **Panelists:** -*NRB methodologies- eligible technologies:* Mr. Samuel Bryan, GERES - *Protos Plant-Oil Cooker: An Appropriate Solution to Complex Challenges*: Mr. Samuel Shiroff, Bosch-Siemens
14.45- 15.15	*Biogas projects: Determining the SSC thresholds, Monitoring energy output* **Session Chair:** Mr**.** Peer Stiansen, SSC WG Vice Chair **Panelists:** -*Experience from BSP-Nepal Project*: Mr. Saroj Rai, BSP Nepal -*Challenges to monitor energy output of household biogas projects:* Mr. Jari Hiltunen, Caia Consulting Oy
15.15-16.30	*NRB methodologies: Calculation of Leakage, Monitoring issues including sampling and survey* **Session Chair:** Manager, Meth Unit, UNFCCC Secretariat **Panelists:** -*Balancing the use of monitoring and default value approaches:*Mr. Ramachandra Reddy, World Bank -*Designing monitoring plan and sampling:* Mr. Matt Spannagle, UNDP -*Monitoring challenges - whether to choose the water boiling, controlled cooking or kitchen performance test:* Mr. Axel Michaelowa, Perspectives -*The emissions reduction - indoor air pollution paradox*: Mr. Jonathan Rouse, HED Consulting
16.30-16.45	Break
16.45-18.00	*Implementing Gold Standard Methodologies: Lessons learnt* **Session Chair:** Mr. Holger Liptow,GTZ **Panelists:** **-***Implementing the First Gold Standard Cookstove Project in Tandem with Development of the Methodology:* Mr. Evan Haigler, Impact Carbon[6] -*Gold Standard: Experience in Development and implementation of Methodologies:* Mr. Narendra Paruchuri, Member, Meth Panel - *Experience with Gold Standard Methodologies for household energy:* Mr. Martin Stadelmann, Myclimate - *Gold Standard Methodologies-lessons learnt:* Mr. Baptiste Flipo/ Mr. Nitin Pagare, Action Carbone

[5] also including contributions from Ms. Sabine Bock,Women in Europe for common future and Dr.Paul Kramer, Lernen - Helfen - Leben (LHL)

[6] Impact carbon - formerly Center for Entrepreneurship in International Health and Development

18.00-18.10	Closing Remarks -Vice Chair, SSC WG -Team Lead, SSC-CDM Methodologies Unit

Session description: *Implementing NRB substitution projects- lessons learned and challenges*.
The session will take stock of early project implementation experience with NRB methodologies (lessons learnt, challenges, best practices etc.) that may be directly or indirectly relevant to future methodological work.

Session description: *Determining By (quantity of biomass) and fNRB,y (fraction of By that is non renewable) in I.E and II.G*
Present definition of renewability or the lack of it for the biomass mostly relates to how the source of the biomass (e.g. forests) is managed. There are issues of scale and the level of aggregation required (e.g. information at household level with regard to source of the wood may involve significant transaction cost for monitoring). On the other hand information at province/district or country level may serve to reduce costs if conservative factors are used to account for any uncertainties associated, however further guidance may be needed in the methodologies to enable these simplifications. Use of FAO data (including satellite data) may be another option to explore. This session will discuss options for data source to determine fraction of By that is non renewable, issues related to interpretation of the data. The session will also discuss further opportunities to streamline the procedures to determine quantity of biomass substituted.

Session description: *Eligible technologies and GHGs under NRB methodologies*
As currently written introduction of new equipment is a requirement of the methodologies. As a result some potential opportunities might have been bypassed (e.g. use of sustainably produced charcoal in existing stoves).This session will focus on options to broaden the applicability of the methodologies and options to include avoided methane emissions in the emission reduction calculations.

Session description: *Biogas projects: Determining the SSC thresholds, Monitoring energy output*
Size of a household biogas plant is often specified in cubic meters or in cubic feet, whereas the SSC thresholds are in terms of MW capacity installed. The session will discuss options for default conversion factors from cubic meter digester capacity to MW installed capacity in view of keeping the project capacity within the SSC thresholds. Further there are challenges associated with reliable monitoring of biogas output and methane content of the biogas as the flow rates is small and at low pressure. The session will discuss options to use conservative default factors for methane content and alternative approaches to monitor the biogas flow without compromising the environmental integrity of the methodologies.

Session description: *NRB methodologies: Calculation of Leakage, Monitoring issues including sampling and survey*
This session will focus on the approaches for calculation of leakage. The session will also discuss sampling and survey issues related to baseline equipment and project

equipment (e.g. baseline stove efficiency, equipment retention) exploring the use of default parameters where feasible.

Session description: *Implementing Gold Standard Methodologies: Lessons learnt*
The session will discuss the differences between GS methodologies and CDM methodologies and look at options to achieve greater synergy between the two based on the implementation experience.