



CDM: Recommendation Form for Small Scale Methodologies (version 01)
(To be used for presenting questions/proposals/amendments to the simplified methodologies for small-scale CDM project activity categories)

<i>Date of SSC WG meeting:</i>	09–12 May 2011, SSC WG 31
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Revision of AMS-I.I regarding the measurement of fossil fuel consumption
<i>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</i>	AMS-I.I “Biogas/biomass thermal applications for households/small users”
<i>Name of the authors of the query:</i>	Rama Chandra Reddy Institution: Carbon Finance Unit, World Bank reddy1@worldbank.org , ntao@worldbank.org , zli4@worldbank.org

Summary of the query:

Please use the space below to summarize the query related to SSC methodologies/categories SSC Modalities and Procedures provide recommendation/analysis of the SSC WG.

Original text from PP:

We appreciate the efforts made by the SSC Working Group to simplify the requirements of AMS-I.1 methodology with regard to the calculation of baseline and project emissions. Considering our experience with projects that could potentially use this methodology, we would like propose the following inputs to facilitate the wide application of this methodology.

1. Option 1 in AMS-I.I. methodology considers emissions reduction based on the avoided quantity of fossil fuel consumption in biogas project activities. In paragraph 10 (a), it defines ex-ante assessment of annual consumption of fossil fuel in the baseline based on measurement for a minimum of 90 days based on a representative sample of targeted users prior to the installation/commissioning of project equipment. However, the methodology does not provide information on 'measurement approach' to be followed to assess fuel consumption. It is assumed that measurement of quantity of fossil fuel would involve use of measurement scale by default. However, in countries where households use fossil fuels in standard unit weights/dimensions (e.g., honeycomb coal briquettes of 500g/unit), the number of units (e.g., number of briquettes) of fuel used by households and the unit weight of fuel can be used for the purpose of measurement. Therefore, enumeration/quantification of fossil fuels in standard dimensions should be permitted as a means of measurement and add clarity and practical aspects of fossil fuel measurement under this methodology.

2. For project activities using biogas as thermal energy to replace the fossil fuel (coal) to meet households' daily energy needs, measurement of the mass or volume of the coal consumed on a daily basis for a minimum of 90 days is very difficult to implement, considering that most households purchase fuel a few times during a year to meet household energy needs. As the requirement of 90 day measurement assumes the coverage of seasonal variation, at least 8-10 months need to be spent to record the mass or volume of daily coal consumption to reflect different seasonal patterns. The time period required to complete the baseline survey is therefore is time intensive and very long.

Therefore, as an alternative to the option of 90-day daily measurement, it would be useful if the methodology permits the use of data on self-reported fuel consumption of the surveyed households along

with the purchase receipt(s) of fuels to demonstrate the baseline fossil fuel consumption. Considering the limited capability of households to understand the survey requirements, we propose for a margin of error of \pm 10% between the self reported annual baseline consumption and purchase receipt(s) submitted by the households.

The proposed changes are in line with those adopted in the registered CDM projects - Hubei Eco-Farming Biogas Project Phase I (No. 2221) and in the Biogas Support Program - Nepal (BSP-Nepal) Activity-1 (No. 0136). The only difference for project 0136 is to record non-renewable biomass consumption rather than fossil fuel for household energy use.

Recommendation by the SSC WG:

Please use the space below to provide amendments/change (in your expert view, if necessary).

Please refer to paragraph 11 of the meeting report of the SSC WG 31 (http://cdm.unfccc.int/Panels/ssc_wg).

Answer to authors of query by the SSC WG:

Please use the space below to provide answer to the authors of the above query.

The small-scale working group of the CDM Executive Board would like to thank the author for the submission.

The SSC WG agreed to recommend a revision of AMS-I.I, as contained in annex 4, to provide simplified options for the measurement of fossil fuel consumption.

Signed by the Chair, Ms. Fatou Gaye

Date: 12/05/2011

Signed by the Vice-Chair, Mr. Peer Stiansen

Date: 12/05/2011

Information to be completed by the secretariat

SSC-Submission number	SSC_529
Date when the form was received at UNFCCC secretariat	12 May 2011
Date of transmission to the EB	12 May 2011
Date of posting in the UNFCCC CDM web site	12 May 2011