



**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>	19 - 21 September 2007
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Revision of AMS III.H. to allow for bottling of biogas
<i>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</i>	AMS III.H, version 6
<i>Name of the authors of the query:</i>	Marius Kaiser Institution: EcoSecurities

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.

A revision of AMS III.H “Methane recovery in wastewater treatment” is proposed to allow for the bottling of recovered methane. Currently the methodology only allows for flaring and use for heat and/or electricity generation of the recovered methane. Emission reductions from the displacement of fossil fuel use by the use of bottled biogas will not be claimed under the proposed revision to the methodology.

The recovered methane will first have to be treated, i.e. removal of sulphide and carbon dioxide, before it can be bottled. Bottled biogas will be sold to industrial end-users at a market price.

Recommendation by the SSC WG :

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

Please refer to Paragraph 9 of the meeting report of the SSC WG 12 (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.

After considering the proposal the SSC WG agreed that if the bottled biogas will be sold to end users, the final users and the itinerary between methane recovery & bottling site and final end users should be included in the project boundary. The transportation of the bottles to the final end users (and back to the bottling site) is to be considered as project emissions. Also the potential physical leakage of biogas from the bottles should be considered. The proposal is based on the assumption the bottled biogas will all be used as fuel, therefore it is important to consider any other potential use of the bottled gas that may result in release of non-combusted methane to the atmosphere and state why those uses can be excluded.

If the end users and hence the distances of transportation are unknown it might still be possible to suggest a conservative default value for project emissions assuming a certain transportation distance for all of the bottled biogas. Similarly it might be possible to propose a default value for project emissions on account of physical leakages including non-combusted methane in the final end use, using existing experiences and

international standards for compressed natural gas and/or LPG.

In addition, the authors are requested to include in the monitoring part of the methodology a procedure to monitor that the pressure and composition of the biogas contained in the produced bottles correspond to the quality standards required for its use as fuel. The monitoring of this aspect might be important to accept that the final destruction of methane through combustion would be achieved, without the need to monitor each of the final users of the bottles.

In order that your response can be considered at SSC WG 13, kindly provide your response by **10 October 2007**.



Signature of SSC WG Chair

(Ulrika Raab)

Date: 21/09/2007



Signature of SSC WG Vice-Chair

(Richard Muyungi)

Date: 21/09/2007

Information to be completed by the secretariat

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