



## 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>	01–03 September 2008, SSC WG 17
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Revision of AMS-III.F to allow composting of the Municipal Solid Waste (MSW) that have partially decayed
<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.F version 5
<i>Name of the authors of the query:</i>	Leandro Janke Institution: Carbon Market Brasil Consulting <a href="mailto:l.janke@carbonmarket.com.br">l.janke@carbonmarket.com.br</a>

### **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.

Project participants request a revision of AMS-III.F version 5 to expand the applicability of the methodology to include in situ stabilization of organic matter through aeration of landfills. This technique can avoid methane emissions from further anaerobic decay of organic matter, which is already disposed at a solid waste disposal site.

### **Recommendation by the SSC WG:**

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

Please refer to paragraph 16 of the meeting report of the SSC WG 17 ([http://cdm.unfccc.int/Panels/ssc\\_wg](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 not to recommend the proposed revision to AMS-III.F to include in situ stabilization of organic matter through aeration of landfills. Several important methodological issues are not addressed in the submission, for instance:

- 1) The submission does not contain a procedure on how to establish baseline emissions from partially decayed waste. In the published papers submitted along with the proposed revised methodology suggestions are being made as to how this could be implemented (e.g. via a monitoring program that characterizes the quality of landfill gas prior to operating an aerobic stabilization system). A new methodology may be proposed containing a comprehensive procedure on how it is envisaged to determine baseline emissions in a conservative way. Possible variations in methane emissions from the landfill depending on e.g. weather conditions and over the years (due to e.g. already decayed waste) in absence of the project activity shall be considered.

- 2) The submission shall clearly describe the measure and which applicability conditions shall be met. E.g. will the methodology be applicable to situations where biomass will remain in the landfill after stabilization or will it be applicable to biomass, which will be removed and used?
- 3) Comprehensive monitoring procedures shall be proposed including procedures to ensure that the conditions in the landfill will remain aerobic in all places inside of the rather heterogeneous solid waste disposal site during the crediting period (and/or to quantify remaining methane emissions after implementation of the project activity).
- 4) The submission does not address issues related to safety and risk. Injection of air into a landfill which emit flammable gasses like methane to the atmosphere and which may contain flammable wastes can increase the risk on fire. The proposed methodology shall ensure that national or international standards are being followed.

The above issues are only examples and might not cover all uncertainties in the submission.

The SSC WG suggests that the project participants may consider submitting a new methodology in which the above issues are addressed. The SSC WG noted that there are several methodological issues, which might be difficult to overcome. Further, project proponents may wish to follow the progress of a proposed large scale methodology applicable to a measure in the same field, i.e. the excavation of an old landfill and treating the waste aerobically (NM0283), which can be found on <http://cdm.unfccc.int/methodologies/PAmethodologies/publicview.html?OpenRound=24&OpenNM=NM0283&cases=B#NM0283>. Methodological approaches and issues raised by the Meth Panel concerning NM0283 might also be relevant to the measure, which the project proponents intend to implement.



Signature of SSC WG Chair .....

(Ulrika Raab)

Date: 03/09/2008



Signature of SSC WG Vice-Chair .....

(Kamel Djemouai)

Date: 03/09/2008

**Information to be completed by the secretariat**

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