



## 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)*

<b>Date of SSC WG meeting:</b>	16–19 June 2009, SSC WG 21
<b>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</b>	Applicability of AMS-III.D to anaerobic digestion with animal manure and silage in a different location from its origin
<b>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</b>	AMS-III.D version 14
<b>Name of the authors of the query:</b>	Mr. Kolluru Krishan Institution: MPPL Renewable Energy Pvt. Ltd. <a href="mailto:kkrishan1951@gmail.com">kkrishan1951@gmail.com</a> <a href="mailto:krishan@mpppl.com">krishan@mpppl.com</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.

Original text from PP:

The project activity is planning to utilize the following wastes in a anaerobic digester to recover biogas and utilize the same for power generation:

- Animal manure (Cow dung or poultry litter) from live stock firm
- Agriculture residues/forage crops
- Agro processing units waste

The new version of the AMS III D (version 14) doesn't mention about agriculture waste. However, in the previous version (version 13), the project category comprised methane recovery and destruction from both manure and wastes from agricultural or agro-industrial activities that would be decaying anaerobically in the absence of the project activity.

Therefore we would like to ask for clarification on the following:

- Whether we can use other waste as mentioned above along with animal manure? The methane component would however be computed only for the animal manure as per AMS III D.
- Whether AMS IIID, version 14 allows transporting animal manure from livestock firm to project location if the project location is not within the boundary of the livestock firm?

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

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

Please refer to paragraph 26 of the meeting report of the SSC WG 21  
([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 would like to clarify that the project proponent can use other waste along with animal manure for anaerobic digestion, provided that the *ex post* emission reduction calculation (paragraph 22 of AMS-III.D, term  $BE_{y,ex\ post} - PE_{y,ex\ post}$  in equation 6) is limited to the animal manure.

Considering the potential leakage from the livestock farms, and during transportation, the SSC WG would like to further clarify that in situations where the project proponent intends to use animal manure transported from other locations, all the related livestock farms should be included into the project boundary and the storage time of the manure, including transportation, should not exceed 24 hours. If the project proponent can demonstrate that the dry matter content of the manure is larger than 20% as per AMS-III.Y, this time constraint will not apply. A corresponding revision of the methodology was recommended by SSC WG to take this into account.

The SSC WG would also like to point out that all the related livestock farms need to be included in the project boundary because evidence is required that the baseline for all farms is indeed anaerobic decay of the animal manure.



Signature of SSC WG Chair .....

(Hugh Sealy)

Date: 19/06/2009



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

(Peer Stiansen)

Date: 19/06/2009

**Information to be completed by the secretariat**

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