



CDM: Recommendation form for Small Scale Methodologies (Version 01.1)

(To be used for presenting questions/proposals/amendments to the simplified methodologies for small-scale CDM project activity categories)

Date of SSC WG meeting:	16–19 April 2013, SSC WG 40
Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):	Clarification on the monitoring of the average animal weight and on the calculation of project emissions due to transportation in AMS-III.D
Indicative methodology to which your submission relates <i>(refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable:</i>	AMS-III.D "Methane recovery in animal manure management systems"
Name of the authors of the query:	Henning Huenteler Institution: UPM Umwelt-Projekt-Management GmbH hhuenteler@upm-cdm.eu

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 authors would like to thank the Small-Scale Working Group for providing the chance to ask for clarification on methodology AMS-III.D, v.18.

Clarification on the adjustment of IPCC default values and on the monitoring of the average animal weight

Version 18 of the small-scale methodology AMS III.D is somewhat unclear in the application and adjustment of default values B0, VSLT for developed countries and the subsequent monitoring of the preconditions of developed country default values.

- 1.) Under what conditions can or should the default values be adjusted for a site-specific average animal weight? (Following equation 2 in paragraph 10 (c))
- 2.) Does parameter W_{site} (the average animal weight) need to be monitored in case default values of developed countries as per paragraph 10 (d) are applied, but not adjusted for a site-specific average animal weight? The methodology refers to the monitoring of certain parameters in when developed country values are applied, however, the statements are not clear:

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"25. In case option in paragraph 9 (a) is chosen for baseline emission determination, (a) The PDD shall describe the system used for monitoring the fraction of the manure handled in the animal manure management system (MS%,i,y), the average weight of the livestock (W_{site}) and the livestock population (NLT,y) taking into account the average number of days the animals are alive in the farm in a specific year. The consistency between these values and indirect information (records of sales, records of food purchases) shall be assessed. Significant changes in livestock population and average weight shall be explained;

(b) In case developed country VS values are being used the following shall be monitored:

- (i) Genetic source of the production operations livestock originate from an Annex I Party;*
- (ii) The formulated feed rations (FFR). If equation 2 is used to estimate the value VS_{default} (kgdm/animal/day), the default average animal weight of a defined population (kg) shall be recorded and archived."*

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“When developed country values are to be used in the project, relevant parameters specified in the paragraph 10 (d) and 30 (c) shall be monitored/documented.

In case IPCC default values are to be adjusted for a site-specific average animal weight as specified in paragraph 10 (c), the average animal weight of a defined livestock population at the project site (Wsite) shall be monitored as detailed below [...]

Whereas version 18 does not provide any paragraph 30 (c).

3.) In case parameter Wsite is monitored, then what procedures apply to determine this value? The methodology does not give clear guidance on how to monitor the time-wise and animal-wise average of the animal weight.

Kindly clarify with regard to the questions above.

Calculation on the calculation of project emissions due to incremental transportation

Furthermore, the calculation of the project emissions due to incremental transportation is not clear in version 18:

- 1.) Paragraph 12 of AMS-III.D, v.18, refers to methodology AMS-III.F for the calculation of transport emissions. However, in its latest version 11, AMS-III.F has removed the calculation procedures that were present in the former version 10 (taking into consideration emissions from the transportation of feedstock) and is now referring to the methodological tool “Project and leakage emissions from composting”. In this tool, project emissions due to incremental transportation are neglected.
- 2.) Page 14 of AMS-III.D, v.18, refers to methodology AMS-III.AO for the monitoring of the parameters related to project emissions from incremental transportation. Methodology AMS-III.AO, v.1, provides an equation taking into consideration the emissions from the transportation of feedstock and effluent.

Therefore, three different approaches might be plausible:

- 1.) Neglect project emissions from transportation, following AMS-III.F, v. 11 and the methodological tool “Project and leakage emissions from composting”.
- 2.) Calculate project emissions from transportation based only on the transportation of the feedstock material, following AMS-III.F, v. 10.
- 3.) Calculate project emissions from transportation based on the transportation of both, feedstock material and effluent following methodology AMS-III.AO, v.1.

Kindly clarify which method to 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 34 of the meeting report of the SSC WG 40
<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 (SSC WG) of the CDM Executive Board would like to thank the author for the submission. The SSC WG agreed on the following response:

Clarification on the adjustment of IPCC default values and on the monitoring of the average animal weight

- (a) Default values adjusted for a site-specific average animal weight is an option available under any conditions, as long as it is well explained and documented;
- (b) Parameter *Wsite* needs not to be monitored in case default values of developed countries are used;
- (c) In case parameter *Wsite* is monitored project proponents should demonstrate their proposed monitoring design to a validating DOE. As per the methodology they may use sampling procedures to estimate this

variable as per the “Standard for sampling and surveys for CDM project activities and Programmes of Activities”. They may also refer to guidance provided in approved methodology ACM0010”:
 “Consolidated baseline methodology for GHG emission reductions from manure management systems” (version 7.0).

Clarification on the calculation of project emissions due to incremental transportation

Emissions from incremental transportation should be estimated as per relevant procedures in “AMS-III.AO: Methane recovery through controlled anaerobic digestion”.

Signature of SSC WG Chair: Mr. Martin Cames

Date: 19/04/2013

Signature of SSC WG Vice-Chair: Mr. Washington Zhakata

Date: 19/04/2013

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01.1	12 April 2012	Editorial changes to include new logo and other improvements.
01.0	2005	Initial publication.
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