



**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>	16–19 February 2010, SSC WG 24
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Proposal to review the condition (c) of the SSC methodology regarding the storage time of the manure after removal from the animal barns
<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.D, ver. 15
<i>Name of the authors of the query:</i>	Oliver Quireza Institution: GreenStream Network GmbH <a href="mailto:oliver.quireza@greenstream.net">oliver.quireza@greenstream.net</a> , <a href="mailto:Rachot.indradesa@greenstream.net">Rachot.indradesa@greenstream.net</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 condition (c) of the methodology establishes that “the storage time of the manure after removal from the animal barns including transportation, should not exceed 24 hours before being fed into the anaerobic digester. If the project proponent can demonstrate that the dry matter content of the manure when removed from the animal barns is larger than 20%, this time constraint will not apply”.

The project participant concerns that the established time of 24 hours and 20% dry matter content narrows down the scope of manure management activities from being applicable under AMS-III.D. In perspective of technical practices and economical circumstances storage of manure after removal from barns into digester usually exceeds 24 hours.

Intermediate storage is, in often cases, an essential step prior to main anaerobic digestion; for example intermediate storage tank is used to guarantee the supply of digester; for homogenization of substrate; or for regulation of the flow and viscosity of substrate (suitable for feeding equipment) before being fed into the anaerobic digester. Manure could last from several hours up to many days in this step. Intermediate storage is also necessary where transportation of manure in the project activity cannot be done on daily basis; such cases are centralised biogas plants using manure from many farms or during harvest season when vehicles are occupied with other agricultural activities and manure is delivered less often but more amount.

On the other hand in many animal barns water is used for removal of both solid and liquid manure from floor, often a case that a large amount of water is used to ensure that the fluid (manure mixed with water) is suitable for pumping technique. Usually the dry matter content of the fluid is reduced less than 20%.

The project participant would like to request the SSC WG to kindly remove the restriction defined under paragraph 2 (c) by allowing a project to justify methane generation that might be caused by intermediate-storage into account of the project emissions; using the approach described in eq. 15 of the large scale methodology AM0073.

**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 24  
([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 to recommend a revision of AMS-III.D as contained in annex 1 of the SSC WG 24 meeting report including methods to account for project emissions from storage of manure before treatment.



Signature of SSC WG Chair .....

(Peer Stiansen)

Date: 19/02/2010



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

(Hugh Sealy)

Date: 19/02/2010

**Information to be completed by the secretariat**

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