



**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>	30 January–02 February 2012, SSC WG 35
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Clarification on the applicability of AMS-III.R to project activities where the manure from a centralized livestock farm is transported to households
<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.R “Methane recovery in agricultural activities at household/small farm level”
<i>Name of the authors of the query:</i>	Xiaoxiao Yu Institution: A&T Carbon Asset Co., Limited <a href="mailto:xiaoxiao.yu@atholdings.com">xiaoxiao.yu@atholdings.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:

In some rural areas of China, the local government encourages the “human and livestock separation” mode of animal breeding, which can avoid epidemic disease spread from animal to people as well as improve the living environment. As a result, the installation of methane recovery and utilization system is at a special situation which could be summarized as follows:

1. Livestock is not raised at the household but centralized in some specific farms around the village. Each household rent barns of the livestock farms to keep their own animals;
2. Manure treatment and methane recovery system is installed at the household, but the manure needed will be transported from those livestock farms mentioned above;
3. The farms where the manure is from could be clearly identified;
4. The manure would be treated anaerobically if it is not utilized;
5. The rest of manure which cannot be consumed will be treated anaerobically as usual.

Based on my understanding of AMS-III.R., this kind of project can apply AMS-III.R because it meets all the application criteria of AMS-III.R as below:

1. The project activity will change the management practice of animal manure from deep pit to biogas digester with methane recovery.
2. The project activity is implemented at individual household.
3. The estimated annual emission reduction due to methane recovery is about 0.4 tCO<sub>2</sub>e per system, which is less than 5 tCO<sub>2</sub>e.
4. The project activity satisfies the following conditions:
  - (a) The sludge will be handled aerobically;
  - (b) All the methane collected by the recovery system will be destroyed.

5. The estimated annual emission reductions achieved by the biogas digesters included in the project is less than 60,000 tCO<sub>2</sub>e.

Furthermore, this kind of project makes great contribution to the rural area on sustainable development:

1. Avoid epidemic disease spread from animal to people as well as improve the living environment;
2. Reduction of fuel, pesticide and fertilizer expenses;
3. Families who do not have livestock can also utilize biogas by getting extra manure from the specific livestock farm;
4. Reduction of GHG and pollutant emission by avoiding methane emission and replacing fossil fuel for energy generation.

Regarding to the CDM eligibility requirements, is methodology “AMS-III.R. Methane recovery in agricultural activities at household/small farm level” applicable for household methane recovery activity like this?

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

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

Please refer to paragraph 42 of the meeting report of the SSC WG 35  
<[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 clarify that AMS-III.R may be applicable to the proposed project activity. However, considering that the livestock is raised in the centralized farms, the project proponent shall be able to show the baseline animal manure management practices at each farm, either individually or through sampling. Also, the survey method to determine the animal population at each farm shall also determine the number of families/households sharing the farm, such as to determine the “annual average animal population” (NLT) belonging to each household.

Signed by the Chair, Ms. Fatou Gaye

Date: 02/02/2012

Signed by the Vice-Chair, Mr. Peer Stiansen

Date: 02/02/2012

#### **Information to be completed by the secretariat**

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