

 <p align="center">CDM: Form for Submissions on Small Scale Methodologies and Procedures (version 03) <i>(To be used for presenting questions/proposals/amendments related to the simplified methodologies for small-scale CDM project activity categories)</i></p>	
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Affiliation ¹ :	<input type="checkbox"/> DNA <input type="checkbox"/> DOE <input type="checkbox"/> PP <input checked="" type="checkbox"/> Stakeholder
Title/Subject (max. 200 characters):	Seeking clarification on: (1) the combination of AMS III.D., AMS I.C. and AMS.I.F. for a small-scale livestock management PoA, and (2) different combination of methodologies for various CPAs under one PoA.
Purpose of the submission:	<input checked="" type="checkbox"/> Query on an approved SSC methodology or small scale procedures ² (Fill in field 1. below) <input type="checkbox"/> Request for Revision of an approved SSC methodology (Fill in fields 2. and 3. below) <input type="checkbox"/> Proposal for a new SSC methodology (Fill in fields 4. and 5. below)
Approved SSC methodologies ² to which your submission relates to, if applicable.	AMS-III.D (Version 17) - Methane recovery in animal manure management systems, AMS-I.C (Version 18) - Thermal energy production with or without electricity, and AMS-I.F (Version 01) - Renewable electricity generation for captive use and mini-grid.
Contact Information (e-mail addresses to which the answers are to be delivered and phone contacts for possible dialogue on the submission).	Zhiyu Jerry Chen Email: zchen1@worldbank.org Tel: +1-202-473-1723
Information for completing the form Describe the questions related to the SSC Methodologies, Modalities and Procedures below. If the questions are related to a project under development or implementation, you may describe the context in which they arose.	
<p align="center">Query on an approved SSC methodology or SSC procedures</p>	
1. If you have questions relating to the application of an approved small-scale methodology (AMS) please specify and provide reference to the exact technology/measure below. If you have questions related to procedures for SSC project activities please clarify below:	

¹ Designated National Authority (DNA); Designated Operational Entity (DOE); Project Participant (PP), and Stakeholder.

² The list of all approved small-scale methodologies (AMS) can be found at <http://cdm.unfccc.int> and go to CDM: small scale CDM methodologies.

>> This clarification request is in regard to the application of multiple methodologies for the **China Hebei Animal Manure Management System (AMMS) Small-Scale PoA**, which is being prepared. We are seeking for clarification on two matters, which are listed below together with the program background and the rationale.

PoA Background:

The Hebei Animal Manure Management System (AMMS) GHG Mitigation Programme aims at developing a series of small scaled biogas digester projects to mitigate greenhouse gas (GHG) emissions by changing the manure management system from open air lagoon to biogas digester and utilizing a biogas to generate electricity AND/OR to provide thermal energy for nearby households and the livestock farm itself. Hebei Green Agriculture Co. Ltd is the Coordinating/Managing Entity' (hereinafter referred to as CME).

While the programme is still at the preparation stage, the CME is considering 3 possible ways for methane utilization at various farms: (1) provide only thermal energy to farms themselves or households nearby, (2) provide only electricity to farms themselves or households nearby (without supplying to the grid), or (3) provide both thermal energy and electricity.

The relevant methodologies for the above three scenarios are:

- (1) for Scenario one (provide thermal only), two methodologies apply: **AMS-III.D** (Version 17) - Methane recovery in animal manure management systems, and **AMS-I.C** (Version 18) - Thermal energy production with or without electricity;
- (2) for Scenario 2 (provide electricity only), two methodologies apply: **AMS-III.D** (Version 17) - Methane recovery in animal manure management systems, and **AMS-I.F** (Version 01) - Renewable electricity generation for captive use and mini-grid.
- (3) For Scenario 3 (provide both thermal and electricity), three methodologies apply: **AMS-III.D** (Version 17) - Methane recovery in animal manure management systems, **AMS-I.C** (Version 18) - Thermal energy production with or without electricity and **AMS-I.F** (Version 01) - Renewable electricity generation for captive use and mini-grid.

Seek for Clarification:

Given the initial design of this PoA, we are seeking for clarifications on two matters, which are summarized below:

1. Combination of the three methodologies for the PoA: AMS-III.D., AMS-I.C., and AMS-I.F.

Has the EB already approved the use of these 3 methodologies for a small-scale PoA? The Board at its fifty-sixth meeting approved *the combination of any one of the Type III methodologies where activities lead to generation of methane, i.e. AMS-III.H, AMS-III.D, AMS-III.F and AMS-III.G, with any one of the Type I methodologies for utilising the methane generated for generation of renewable energy, i.e. AMS-I.A, AMS-I.C, AMS-I.D and AMS-I.F.* These combinations can be applied in PoAs without each PoA specifically requesting the approval of the combination of the Board. However, we have not found clear instructions regarding the combination of one of the Type III methodologies with TWO of the Type I methodologies.

Furthermore, The Board at its fifty eighth meeting agreed that “*any combination of SSC methodologies that has been applied in a registered project may also be applied in the context of PoAs without the preapproval of combinations as long as the project proponent is able to demonstrate that there are no interactive or cross effects between the measures applied in respective component methodologies or that if there are such cross effects they are conservatively accounted for in the calculation of CERs.*” Based on this principle, we did find a registered project using AMS-III. H + AMS- I.C +AMS- I.D, which is under the same principle (avoidance of methane) but from the wastewater sector. The project can be found at this link:

<http://cdm.unfccc.int/Projects/DB/SGS-UKL1244562449.1/view> We can confirm that there are no interactive or cross effects between the measures in the Hebei PoA due to the fact that the thermal production and electricity production are conducted in two different systems and they do not interact with each other.

2. Different combinations of methodologies under one PoA

Can the different combinations of methodologies be allowed under one PoA. For example, due to the different methane-utilization design of farms, some farms would require the use of AMS-III.D and AMS-I.C for Scenario 1 farms, (or AMS-III.D. and AMS-I.F. for Scenario 2 farms), while Scenario 3 farms would require the use of AMS-III.D., AMS-I.C. and AMS-I.F. The main technology component-methane avoidance through bio-digester installation accounts for the majority of the investment and is consistent through all CPAs. The critical methodological difference among the 3 scenarios is the downstream use of end gas that is only a small portion of investment. Different combinations of methodologies would allow the CME to include more farms to the PoA, which all have similar technical design.

Request for revision of an approved SSC methodology

2. If you are proposing an amendment/revision to an approved small-scale methodology (AMS), please provide justifications below:

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3. If you are proposing an amendment/revision to an approved small-scale methodology (AMS) please provide the draft methodology with changes highlighted.

The following documents have been attached to this form:

- ☐ Draft methodology with changes highlighted in Word and PDF formats
- ☐ PDD in PDF format (optional)
- ☐ Additional information (please specify if you are providing any information note, published paper or a report in support of the request for revision of the SSC methodology)

Proposal for a new SSC methodology

4. If you are proposing a new small scale methodology, please provide justifications below:

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5. For submitting a new small scale methodology a filled in form "CDM: form for proposed new small scale methodologies (F-CDM-SSC-NM)" is required.

The following documents have been attached to this form:

- ☐ Completely filled in form "CDM: form for proposed new small scale methodologies (F-CDM-SSC-NM)" in Word and PDF formats³
- ☐ A draft PDD (with sections A to C completed):
 - ☐ Relevant annexes to the PDD are provided
 - ☐ Additional information (please specify if you are providing any information note, published paper or a report in support of the new SSC methodology)

Date you are delivering the contribution:

March 23 2011

³ The current version of the form (F-CDM-SSC-NM) is available on the UNFCCC CDM website (<http://cdm.unfccc.int>).

Information to be completed by the secretariat	
SSC-Submission number	