

 <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 checked="" type="checkbox"/> PP <input type="checkbox"/> Stakeholder
Title/Subject (max. 200 characters):	Biogas electricity/heat generation from stockpiled food waste on a stand-alone basis.
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.	I.D. Grid connected renewable electricity generation
Contact Information (e-mail addresses to which the answers are to be delivered and phone contacts for possible dialogue on the submission).	isabelle.barnard@farmsecure.co.za
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.

I.D Reference: In the case of landfill gas, waste gas, wastewater treatment and **agro-industries projects**, recovered methane emissions are eligible under a relevant Type III category.

We plan to do renewable energy projects through anaerobic digestion with agro-industry waste. For example, we plan to use potato rejects (not suitable for human consumption) from different farmers in anaerobic digesters. The current practise is to stockpile the rejects potatoes.

We prefer to apply only methodology AMS-I.D for electricity generation from renewable biomass on a stand-alone basis, i.e. without using a type III methodology for avoided methane emissions. The main reason is the difficulty in identifying and describing the baseline scenario for methane emission avoidance. The current food waste treatment systems (stock piles) varies on farms and between farms.

According to SSC_485, the SSC WG clarified that, in accordance with the guidance from the Board, AMS I.D and/or AMS I.C can be applied for biogas electricity/heat generation activities on a stand-alone basis, i.e. without using a type III methodology for avoided methane emissions as long as modalities and procedures of SSC CDM including demonstration of additionality are also complied with on a stand-alone basis. Further the SSC WG noted that under certain situations it is possible that biogas for energy generation is sourced from a Type III activity with net positive contribution to anthropogenic emissions, i.e. higher project emissions than baseline emissions. Under such situations, where net emissions from the Type III component that can be reasonably attributed to the Type I activity can not be ruled out during the crediting period, the modalities and procedures require that the necessary parameters of the Type III component are also monitored and the emission reductions achieved by the Type I activity are discounted.

According to methodology AMS_III.E, the MCF for stock piles is 28% and according to the 2006 IPCC guidelines for national GHG inventories the MCF for biogas digesters is 10%. Therefore the net contribution to anthropogenic emission will be negative. Methane emissions in the project activity will be lower than in the baseline.

Questions:

May we therefore apply AMS I.D and/or AMS I.C on a stand-alone basis as long as modalities and procedures of SSC CDM including demonstration of additionality are also complied with on a stand-alone basis?

Do we need to explain the situation and calculations for net negative emissions in the PDD? If possible, please refer me to a existing PDD using the stand alone scenario to use as a example.

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:

Information to be completed by the secretariat

SSC-Submission number

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