



## 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)*

<b>Date of SSC WG meeting:</b>	21–24 September 2009, SSC WG 22
<b>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</b>	Inclusion of avoided transportation emissions due to reduced use of fossil fuel in project activity
<b>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</b>	AMS-I.C, version 14
<b>Name of the authors of the query:</b>	Joslin Andrews Institution: Promethium Carbon (Pty) Ltd <a href="mailto:joslin@promethium.co.za">joslin@promethium.co.za</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 methodology is applicable to renewable energy technologies that supply users with thermal energy that displaces fossil fuel use.

The last version of the methodology (Version 13) did not provide for the inclusion of project emissions from the collection, processing and transportation of the biomass. This version was revised to include the project emissions from the collection, processing and transportation of biomass (Version 14). However, in Version 14 of the methodology there is no reference to the avoided emissions from the transportation of the displaced fossil fuel. As there is a linkage between the fossil fuels displaced and the biomass used, the emissions from the transportation of the fossil fuels should be included.

This application for revision of an approved SSC methodology seeks to include avoided fossil fuel transportation emissions in the methodology. In the project case (PDD attached) the fossil fuel, coal, was transported over a significant distance to the industrial facility where it was used. After the fuel switch to biomass, the fossil fuel is no longer required and therefore emissions are avoided through avoided transportation. Hence, we propose that avoided fossil fuel transportation emissions are included as negative project emissions. The project emissions already deal with transportation of the biomass.

This approach is conservative because 3 years historical data on the fossil fuel transportation is required in order to calculate the avoided transportation emissions. Additionally, the emissions avoided through the avoidance of the collection and processing of fossil fuels were excluded from the methodology in order to adopt a conservative approach.

The equation used for transportation was adapted from the latest version of AMS III.E.

The methodology with the proposed changes is attached as is the PDD of the fuel switch.

**Recommendation by the SSC WG:**

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

Please refer to paragraph 8 of the meeting report of the SSC WG 22  
([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 that upstream emissions from fossil fuel consumption in the baseline shall not be included in the baseline emissions as this is not conservative, is surrounded by many uncertainties and is also not in line with a simplified approach for small-scale CDM. However, it further agreed to clarify that emissions related to transport of biomass is only required to be considered if these are transported over a distance of more than 200 kilometers which is consistent with the approved large-scale methodology AM0036. The SSC WG agreed to recommend these modifications in AMS-I.C at the next opportunity to revise AMS-I.C.



Signature of SSC WG Chair .....

(Hugh Sealy)

Date: 24/09/2009



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

(Peer Stiansen)

Date: 24/09/2009

**Information to be completed by the secretariat**

SSC-Submission number	SSC_329
Date when the form was received at UNFCCC secretariat	24 September 2009
Date of transmission to the EB	24 September 2009
Date of posting in the UNFCCC CDM web site	24 September 2009