



## 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>	21–24 September 2009, SSC WG 22
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Applicability of AMS-I.D to a small scale hydro-electric project activity with power density less than 10 W/sq.m
<i>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</i>	AMS-I.D, version 13
<i>Name of the authors of the query:</i>	Institution: VnCO2 Consulting Group vncarbon@gmail.com

### **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:

According to the methodology AMS.I.D version 13, the power density is not required to calculated when determine project emissions meanwhile the annex 5 at EB23 requires that, for hydropower projects with reservoir, a power density must be computed to compare with value shown in the annex 5 to consider to whether project emissions is considered? During validation, some DOEs request us to calculate power density of the small scale hydropower projects while some do not. Of course, it is known that there are many small scale hydropower projects with very large reservoir area and its power density can be less than 10W/m<sup>2</sup> but if refer to the AMS.I.D version 13 that do not request for calculation of power density then project emissions of all small scale hydropower projects can be considered as zero.

For these reasons, the stakeholder is expected to seek from SSC WG a clarification on whether power density of small scale hydropower projects must be computed and whether project emissions must be considered if its power density is less than 10W/m<sup>2</sup>?

If project emissions of small scale hydropower projects are considered in the AMS.I.D version 13 then power density determination requirement should be added in the AMS.I.D version 13. This will make the project developers easy to convince the DOEs during validation.

Additional information received by the secretariat via email:

We are working with some small hydro power projects of type of water reserve with reservoir (not run-of-river) and its reservoir is quite large compared with its capacity. For example, a small scale hydro power project with installed capacity of only 8MW but its reservoir area is up to 0.96km<sup>2</sup> (km square) resulted in its power density is only 8.3W/m<sup>2</sup> which is less than 10W/m<sup>2</sup>. And we seek from SSC WG a clarification that in this case whether project emissions must be considered and calculated

**Recommendation by the SSC WG:**

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

Please refer to paragraph 34 of the meeting report of the SSC WG 22

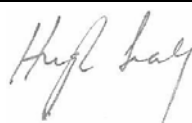
([http://cdm.unfccc.int/Panels/ssc\\_wg](http://cdm.unfccc.int/Panels/ssc_wg)).

**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 to recommend a revision of AMS-I.D as contained in annex 5 of the meeting report of SSC WG 22 to include the procedures to calculate project emissions relative to power density of small-scale hydropower projects as specified in Annex 5 of EB 23.



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_323
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