



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)

Date of SSC WG meeting:	24–27 February 2009, SSC WG 19
Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):	Applicability of SSC Type I methodologies for fossil fuel displacement in metal ore reduction processes
Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.	AMS-I.C
Name of the authors of the query:	Ricardo Esparta Institution: Ecopart Ltda ricardo.esparta@ecoinv.com.br

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 question below does not apply to a specific project activity. It is being asked to subsidize studies of prospective project activities using charcoal in metal ore reduction processes.

Metal ore reduction process uses carbon sources to act not only as fuel to provide heat for the process, but also as a reducing agent. For example, iron and nickel production using coke and/or charcoal as carbon source. At the end of the process only a negligible amount of carbon remains fixed in the product, slag or waste, but the vast majority is oxidized and released in gaseous form, predominantly carbon dioxide, to the atmosphere.

Please clarify whether an industrial activity, which consists of metal production where the “carbon source” switches from fossil fuel (for example, coke) to renewable biomass (for example, charcoal produced in kilns equipped with methane recovery and destruction facility), can be treated as a fossil fuel displacement and is eligible to the CDM, for example, using AMS-I.C, assuming all other methodology applicability conditions are fulfilled.

Recommendation by the SSC WG:

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

Please refer to paragraph 5 of the meeting report of the SSC WG 19
(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.

In the case of metal ore reduction process, the input energy source (charcoal) is utilized as both energy as well as reducing agent. It may be difficult to apportion the charcoal energy input between energy and ore-reduction use; as such, the specification of the installed thermal capacity limit of the project when developed in AMS-I.C may be quite challenging. The SSCWG is of the opinion that a Type III methodology should be proposed in accordance with the procedures including appropriate monitoring guidance.



Signature of SSC WG Chair

(Hugh Sealy)

Date: 27/02/2009



Signature of SSC WG Vice-Chair

(Peer Stiansen)

Date: 27/02/2009

Information to be completed by the secretariat

SSC-Submission number	SSC_264
Date when the form was received at UNFCCC secretariat	27 February 2009
Date of transmission to the EB	27 February 2009
Date of posting in the UNFCCC CDM web site	27 February 2009