

 <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):	Request for clarification on $EG_{historical}$ calculation in AMS-I.D
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-I.D: “Grid connected renewable electricity generation”, version 16, EB 54
Contact Information (e-mail addresses to which the answers are to be delivered and phone contacts for possible dialogue on the submission).	luisa@munduscarbo.com +55 31 25351235
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 document aims clarification on $EG_{historical}$ calculation in ASM-I.D (version 16). This clarification relates to small-scale hydro power plants' retrofits, where the project activities are implemented in existing reservoirs with no change in the reservoirs' volume.

According to AMS-I.D (version 16), for project activities involving retrofit of hydropower plants, baseline emissions ($BE_{retrofit,CO_2,y}$) are calculated as follows:

$$(1) BE_{retrofit,CO_2,y} = [EG_{BL,retrofit,y}] \bullet EF_{CO_2}$$

Where:

$$(2) EG_{BL,retrofit,y} = EG_{PJ,facility,y} - (EG_{historical} + \sigma_{historical})$$

$$(3) EG_{BL,retrofit,y} = 0 \text{ on / after } DATE_{Baseline Retrofit}$$

$EG_{historical}$ is the annual average historical net electricity generation by the existing renewable energy plant that was operated at the project site prior the implementation of the project activity. According to ASM-I.D, $EG_{historical}$ is the average of historical net electrical energy levels delivered by the existing facility, spanning all data from the most recent available year (or month, week or other time of period) to the time at which the facility was constructed, retrofit, or modified in a manner that significantly affected output (i.e., by 5% or more). A minimum of 5 years (60 months) (excluding abnormal years) of historical generation data is required in the case of hydro facilities.

ACM0002 "Consolidated baseline methodology for grid connected electricity generation from renewable sources" (version 12.0.0, EB 56), as you are aware, is the large-scale counterpart of ASM-I.D. In ACM0002, to determine $EG_{historical}$, project participants may choose between two historical periods. According to the methodology, this allows some flexibility: the use of a longer time period may result in a lower standard deviation ($\sigma_{historical}$) and the use of a shorter period may allow a better reflection of the (technical) circumstances observed during the more recent years. Project participants may choose among the following two time spans of historical data to determine $EG_{historical}$:

- (a) The five last calendar years prior to the implementation of the project activity; or
- (b) The time period from the calendar year following the $DATE_{hist}$ up to the last calendar year prior to the implementation of the project, as long as the time span includes at least five calendar years, where $DATE_{hist}$ is latest point in time between:
 - I. The commercial commissioning of the plant/unit;
 - II. If applicable: the last capacity addition to the plant/unit; or
 - III. If applicable: the last retrofit of the plant/unit.

Clarification:

Please, clarify if the ASM-I.D allows project participants to choose between the two data vintages described in ACM0002 in order to determine $EG_{historical}$, since this is not clearly mentioned in ASM-I.D.

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.

<p>The following documents have been attached to this form:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Draft methodology with changes highlighted in Word and PDF formats <input type="checkbox"/> PDD in PDF format (optional) <input type="checkbox"/> 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.	
<p>The following documents have been attached to this form:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Completely filled in form "CDM: form for proposed new small scale methodologies (F-CDM-SSC-NM)" in Word and PDF formats³ <input type="checkbox"/> A draft PDD (with sections A to C completed): <ul style="list-style-type: none"> <input type="checkbox"/> Relevant annexes to the PDD are provided <input type="checkbox"/> 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:	04 October 2010
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>).