



## Approved baseline and monitoring methodology / methodological tool clarification response form (Version 02.0)

### INFORMATION TO BE COMPLETED BY THE SECRETARIAT OR PANEL/ WG

<b>Date and number of Panel / WG meeting:</b>	19–22 August 2014/MP 64
<b>Title/Subject of the request for clarification:</b>	Applicability of the oxidation factor for ex-ante baseline emissions calculation
<b>Reference number of the request for clarification:</b>	AM_CLA_0259
<b>Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:</b>	ACM0001 “Flaring or use of landfill gas --- Version 15.0”; and Methodological tool “Emissions from solid waste disposal sites --- Version 06.0.1”
<b>Fast track or Regular track:</b>	<input type="checkbox"/> Fast track <input checked="" type="checkbox"/> Regular track

### Summary of the request for clarification

Original text from Stakeholder:

Baseline emissions of methane from SWDS are determined using Equation 2 of ACM0001, which also takes into account the methane oxidation ( $OX_{top\_layer}$ ).

During the validation, the amount of methane in the LFG which is flared and/or used in the project activity ( $F_{CH_4,PJ,y}$ ) is determined considering the collection efficiency of the LFG capture system and the amount of methane generated from the SWDS in the baseline, as per Equation 5 of ACM0001.

When determining the amount of methane generated from the SWDS in the baseline ( $BE_{CH_4,SWDS,y}$ ) the methodological tool “Emissions from solid waste disposal sites” is to be used.

However, the formula presented in the mentioned methodological tool also takes into consideration an oxidation factor (OX) which reflects the amount of methane from SWDS that is oxidized in the material covering the waste.

From the above, it seems that while calculating the ex-ante baseline emission reductions this effect is being accounted twice.

In this sense, a clarification is sought whether OX in the tool shall be assigned a value of 0 because the oxidation of methane is already accounted for in Equation 2 of the methodology.

### Clarification by the secretariat or Panel / WG

The Methodologies Panel (Meth Panel) of the CDM Executive Board would like to thank the author for the submission.

The Meth Panel agreed to clarify that the oxidation factor (OX), as pointed out by the submitter, is indeed accounted twice i.e. in the equation (2) of the methodology “ACM0001: Flaring or use of landfill gas --- Version 15.0” as well as in the methodological tool “Emissions from solid waste disposal sites”. The project proponent may choose to use zero for OX while applying equation (5) of the same version of the methodology ACM0001. The Meth Panel, however, would like to clarify that even if the methodology is used in the current form, the actual emission reductions will not be affected since equation (5) is only used for the purpose of ex ante estimation.

The Meth Panel agreed to reflect the above clarification in a future revision of the methodology.

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## Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
02.0	18 July 2013	Revised to remove the row “Date and signature of the chair and vice chair of Panel/WG (in case of clarification by Panel/WG)”
01.0	4 July 2013	Initial publication. This document supersedes and replaces the following documents: <ul style="list-style-type: none"><li>• Recommendation Form for Small Scale Methodologies (F-CDM-SSCwg) (Version 01.1)</li><li>• Recommendation Form for Small Scale A/R Methodologies and Procedures (F-CDM-SSC-AR) (Version 01.1)</li></ul>
Decision Class: Regulatory Document Type: Form, Clarification Business Function: Methodology Keywords: applying methodologies and tools		