

Agenda item 4.1. (b)

Paragraph 19 of the annotated agenda

Revision to TOOL06

CDM EB 112

Glasgow, United Kingdom of Great Britain and Northern Ireland, 26 to 29 October 2021



Procedural background

- While considering the draft new methodology NM0380, the MP at its 84th meeting considered that the scope of TOOL06 does not cover the project emissions from hydrocarbons (non-renewable sources of methane). The MP recommended that the Board provide a mandate to the MP to revise the TOOL06.
- EB110 (para. 39) has provided a mandate for the MP to revise the TOOL06. MP85 has agreed on the proposed revision to TOOL06 v.03.0
- EB111 (para. 29) provided specific comments and requested the MP to further revise the tool.
- MP86 has further revised the tool to address EB comments.
- Call for input (post-MP85) received no submissions.



Purpose

- The purpose of the proposed revision to the TOOL06 is to improve its coverage so that project emissions from hydrocarbons from non-renewable sources of methane can be calculated using the tool.
- At present, the tool is applicable only when “The source of the residual gas is coal mine methane or a gas from a biogenic source (e.g. biogas, landfill gas or wastewater treatment gas)”.
- In order for the PP to apply the TOOL06, a revision has been proposed and recommended by the MP for approval.



- In addition to the existing method which covers project emissions from the flaring of residual gas of **biogenic origin**, dedicated provisions have been introduced to calculate project emissions from flaring of residual gas of **fossil fuel origin** and/or **auxiliary fuels**.
- MP86 proposed further revisions to address the specific comments provided by EB111.



Proposed revisions

To calculate project emissions from flaring of residual gas of **fossil fuel origin** and/or **auxiliary fuels**. Main revisions include:

- 1) Expanded scope to include “other methane-containing vapors”, allowing the source to be both biogenic or fossil origin.
- 2) Specifying that the use of auxiliary fuels must be accounted for project emissions from all types of flare
- 3) In case of open flare, conservative default flare efficiency values (50% for biogenic gas or 88% for gas of fossil origin) are defined
- 4) Specific methods (for open, and closed flares) to calculate project emissions from the flaring of residual gas of **fossil origin** and **auxiliary fossil fuels**.
- 5) Where necessary, **C2+hydrocarbons** (ethane, propane, butane) have been included.



Impacts

The TOOL06 v.03.0, once revised, can be applied to the project situation where the recovered methane-rich vapours come from a non-biogenic source.



Subsequent work and timelines

The associated calculation excel spreadsheet to accompany TOOL06 will be revised as a priority following the adoption of the revised tool.



Recommendations to the Board

The MP recommends that the Board approve the revision to the
TOOL06 v.03.0

