

Agenda item 4.1. (b)

Paragraph 22 of the annotated agenda

Revision to TOOL06

CDM EB 111

Virtual meeting

30 August–1 September and 7–9 September 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
- Call for input 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**.



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.



Recommendations to the Board

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

