

Information note

Withdrawal of AM0039 “Methane emissions reduction from organic waste water and bioorganic solid waste using co-composting”

(Version 01.0)

I. Background

1. The Executive Board of the clean development mechanism (CDM) at its sixty-eighth meeting considered the recommendation from the Meth Panel to withdraw the approved methodology AM0039 “Methane emissions reduction from organic waste water and bioorganic solid waste using co-composting”, and requested the Meth Panel to provide an analysis on whether the applicability of AM0039 is fully incorporated in the revised methodology AM0025 “Alternative waste treatment processes”.

II. Comparison between AM0025 and AM0039

2. The table shows a comparison between approved methodologies AM0025 and AM0039 to assess whether the applicability of AM0039 is fully incorporated in AM0025. An explanation is given where differences are found, providing the rationale for these differences.

	AM0039	AM0025	Explanation
Tools referred to in the methodologies	Tool for the demonstration and assessment of additionality.	Combined tool to identify the baseline scenario and demonstrate additionality.	AM0025 uses a tool which both identifies baseline and demonstrates additionality. The use of this tool does not limit the applicability of the methodology.
	Tool to determine methane avoided from dumping waste at a solid waste disposal sites.	Emissions from solid waste disposal sites.	AM0025 uses an updated version of the tool, which has been improved from the version used in AM0039.
		Assessment of the validity of the current/original baseline and update of the baseline at the renewal of the crediting period; Project emissions from flaring; Tool to calculate baseline, project and/or leakage emissions from electricity consumption; Tool to calculate project or leakage CO ₂ emissions from fossil fuel combustion”; Tool to determine the	AM0025 uses eight tools that were not used in AM0039, the use of these tools provide consistency with other methodologies.

	AM0039	AM0025	Explanation
		baseline efficiency of thermal or electric energy generation systems; Project and leakage emissions from composting; Project and leakage emissions from anaerobic digesters; Tool to determine the mass flow of a greenhouse gas in a gaseous stream.	
Applicability	Wastewater and solid waste can be generated at different locations.	No restriction.	No applicability difference.
	Solid waste can be of single type or multiple types mixed in different proportions.	No restriction.	No applicability difference.
	Wastewater treated by co-composting / storage tanks.	Wastewater treated by co-composting or lagoon/tanks.	Wider applicability in AM0025.
	Baseline anaerobic lagoon: Depth > 1m, Residence time > 30 days Monthly temp > 10°C	Baseline anaerobic lagoon: Similar in effect through calculation rather than applicability criteria. Example: in case of depth < 1m, the calculated value of baseline emissions is zero.	No applicability difference.
	Not applicable for waste from manure management.	No restriction.	Wider applicability in AM0025.
	Greenfield projects.	Greenfield projects.	No applicability difference.
	Only fresh waste and waste water can be treated.	Only fresh waste and waste water can be treated.	No applicability difference.
	No restrictions.	Neither organic fresh waste nor products and by-products from the waste treatment plant established under the project activity are stored on-site under anaerobic conditions. For example, no organic materials are stored in a	AM0025 takes into account an additional source of project emissions which is not accounted for in AM0039. Accounting for this emission source ensures environmental integrity of the methodology.

	AM0039	AM0025	Explanation
		stockpile that is considered a solid waste disposal site.	
	No restrictions.	Run-off waste water is treated in the project boundary.	AM0025 takes into account an additional emission source of project emissions which is not accounted for in AM0039. Accounting for this emission source ensures environmental integrity.
	No restrictions.	Project does not reduce the amount of recycled waste in the baseline.	AM0025 addresses an additional environmental concern, which was raised by stakeholders during the revision of AM0025. It is possible that reduction in recycling level could occur under AM0039 in the same manner as in AM0025. Therefore, it should be ensured that this does not occur as this is associated with increase in emissions as a result of reduced recycling levels in the baseline.

III. Conclusion

- The Meth Panel recommended the Board to withdraw the approved methodology AM0039, as the approved methodology AM0025 incorporates and improves upon the applicability conditions of AM0039. AM0025 has either identical or wider applicability conditions, compared to AM0039. Further, in several aspects, approved methodology AM0039 fails to recognise important project emissions or environmental concerns, these are addressed in approved methodology AM0025.

History of the document

Version	Date	Nature of revision
01.0	21 September 2012	EB 69, Annex # To be considered at EB 69.
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