

CDM-MP97

Meeting report

Methodologies Panel ninety-seventh meeting

Version 01.0

Date of meeting: 28 to 30 April 2025

Place of meeting: Virtual meeting



United Nations
Framework Convention on
Climate Change

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Agenda item 1. Agenda and meeting organization

Agenda item 1.1. Opening

1. The-Chair of the Methodologies Panel (MP), Mr. Amjad Abdulla, opened the meeting.
2. The MP noted that Ms. Natalie Kushko (Vice-Chair) and Mr. Kishor Rajhansa were unable to attend this meeting and had provided proper justification for their absence.
3. Table 1 below represents attendance at the meeting, which was held from 28 to 30 April 2025. The names in bold print represent attendance at the meeting.

Table 1. Attendance

Chair/Vice-Chair	Members
Mr. Amjad Abdulla (Chair)	Mr. Amr Osama Abdel-Aziz
Ms. Natalie Kushko (Vice-Chair)	Mr. Jean-Jacques Becker
	Mr. Thomas Grammig
	Ms. Yuko Nagata
	Ms. Martha Kiwuwa Ntabadde
	Mr. Daniel Perczyk
	Mr. Braulio Pikman
	Mr. Kishor Rajhansa
	Mr. Sudhir Sharma
	Mr. Kenichiro Yamaguchi

Agenda item 1.2. Adoption of the agenda

4. The MP agreed to add to the agenda the request for clarification “CLA_TOOL_0052: Clarification regarding baseline electricity generation and consumption”, which was received on Friday, 25 April 2025. The MP adopted the agenda of the meeting with this additional agenda item.
5. The MP considered information provided by the members and the Chair with respect to any potential conflict of interest. Statements on conflict of interest can be viewed on the United Nations Framework Convention on Climate Change (UNFCCC) clean development mechanism (CDM) website.¹

Agenda item 2. Governance and management matters

Agenda item 2.1. Matters related to the Methodologies Panel

6. The MP took note of the outcomes of the 124th meeting of the Executive Board of the CDM (hereinafter referred to as the Board) (EB 124) that were relevant to the MP.

¹ <https://cdm.unfccc.int/Panels/meth/index.html>.

Agenda item 2.2. Upcoming deadlines of relevance to stakeholders

7. Project participants, designated national authorities and other stakeholders may note the following upcoming deadlines:
 - (a) The deadline for the submission of proposed new methodologies to be considered at 98th meeting of the MP (MP 98) is eight weeks prior to the meeting;
 - (b) The deadline for the submission of requests for revision to be considered at MP 98 is eight weeks prior to the meeting; and
 - (c) The deadline for the submission of requests for clarification to be considered at MP 98 is six weeks prior to the meeting.

Agenda item 3. Regulatory matters

8. Information on cases, including their status, outcome and history, is made publicly available for large-scale methodologies, methodological tools and small-scale methodologies on the UNFCCC CDM website.² For information related to large-scale methodologies and methodological tools, see the multiple links under the “Large-scale methodologies” heading. For information related to small-scale methodologies and methodological tools, see the multiple links under the “Small-scale methodologies” heading.
9. The relevant reference document “Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools” is available on the UNFCCC CDM website.³
10. The MP took note of the update on the work carried out by consultants and desk reviews finalized since the last meeting of the MP and noted that there were no fast-track clarifications issued by the MP since the last meeting.

Agenda item 3.1. Standards/tools

(a). Methodological standards for large-scale CDM project activities

(i). New methodologies and tools (large scale)

11. The MP considered the new large-scale methodologies shown in table 2 below and, where applicable, took external expertise and public input into account.

² <https://cdm.unfccc.int/methodologies/index.html>.

³ <https://cdm.unfccc.int/Reference/Procedures/index.html>.

Table 2. Status of new large-scale methodologies and tools

Type	Submission	Title	Mandate	Status	Paragraph
Methodology	NM0386	GHG emission reductions through comprehensive animal manure management systems	Bottom-up submission	Work in progress	12

12. The MP considered the proposed new large-scale methodology “NM0386: GHG emission reductions through comprehensive animal manure management systems” and agreed to continue working on the methodology at its next meeting. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.⁴

(ii). Revisions to approved methodologies and tools (large scale)

13. The MP considered a revision to a large-scale methodology and a methodological tool, as presented in table 3 below, and, where applicable, took external expert and public inputs into account.

Table 3. Status of revisions to new large-scale methodologies and tools

Type	Submission	Title	Mandate	Status	Paragraph
Methodology	ACM0010	GHG emission reductions from manure management systems	EB 116 meeting report, para. 33	Work in progress	14
TOOL	TOOL33	Default values for common parameters	EB 124 meeting report, para. 32	Approval	15

14. The MP considered the proposed revision of the methodology “ACM0010: GHG emission reductions from manure management systems” (ver. 08.0) and agreed to continue working on the methodology at its next meeting. The work is being carried out in response to the mandate by the Board at EB 116 (EB 116 meeting report, para. 33) to address fugitive methane emissions from biogas digesters and the use of the updated methods by the Intergovernmental Panel on Climate Change (IPCC) and to attend to issues addressed in replies provided to clarification requests.⁵
15. The MP considered the revision of the “TOOL33: Default values for common parameters” (ver. 02.0) (hereinafter referred as TOOL33), as contained in annex 1 to this report, and agreed to launch a call for public input following the “Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools”. If there are no inputs received during the call, the MP recommends that the Board approve

⁴ <https://cdm.unfccc.int/methodologies/PAmethodologies/pnm/byref/NM0386>.

⁵ Refer to clarifications issued on the current version of this methodology, for example, AM_CLA_0295.

the tool. This revision is based on the recommendation by the MP to withdraw “TOOL30: Calculation of the fraction of non-renewable biomass” (hereinafter referred as TOOL30) and include default values of fraction of non-renewable biomass in TOOL33.

(iii). Requests for clarification of methodologies and tools (large scale)

16. The MP considered the request for clarifications on large-scale methodologies and tools shown in table 4 below. The requests are available on the UNFCCC CDM website.^{6 7}

Table 4. Status of requests for clarification (large scale)

Submission number	AM/AT	Title of request	Status	Paragraph
AM_CLA_0322	AM0123	Clarification on applicability of AM0123 to captive plants which exports less than 10% to the grid in net	Clarified	17
AM_CLA_0323	ACM0010	Clarification on the applicability of ACM0010 to biomass plants collecting manure from different farms	Clarified	18
CLA_TOOL_0052	TOOL05	Clarification regarding baseline electricity generation and consumption	Clarified	19

17. The MP considered the request for clarification “AM_CLA_0322: Clarification on applicability of AM0123 to captive plants which exports less than 10% to the grid in net” regarding “AM0123: Renewable energy generation for captive use” (ver. 01.0). The MP recommended that the Board approve the response to the request for clarification.
18. The MP considered the request for clarification “AM_CLA_0323: Clarification on the applicability of ACM0010 to biomass plants collecting manure from different farms” regarding “ACM0010: GHG emission reductions from manure management systems” (ver. 08.0). The MP recommended that the Board approve the response to the request for clarification.
19. The MP considered the request for clarification “CLA_TOOL_0052: Clarification regarding baseline electricity generation and consumption” regarding “TOOL05: Methodological tool: Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation” (ver. 03.0). The MP recommended that the Board approve the response to the request for clarification.

⁶ <https://cdm.unfccc.int/methodologies/PAmethodologies/clarifications/pending>.

⁷ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools-clarifications/pending>.

(b). Methodological standards for small-scale CDM project activities

(i). New methodologies and tools (small scale)

20. The MP considered the new small-scale methodologies shown in table 5 below and, where applicable, took external expert and public inputs into account.

Table 5. Status of new small-scale methodologies and tools

Type	Submission	Title	Mandate	Status	Paragraph
Methodology	SSC-NM108	Emission reduction by application of Dry-cultivated Water-saving and Drought-resistance Rice (D-WDR) in rice cultivation	Bottom-up submission	Approval	21
Methodology	SSC-NM110	Use of microbiological agents that promote nitrogen fixation and N ₂ O reduction to dinitrogen (N ₂)	Bottom-up submission	Work in progress	22

21. The MP considered the feedback received from the Board on the proposed new small-scale methodology “SSC-NM108: Emission reduction by application of Dry-cultivated Water-saving and Drought-resistance Rice (D-WDR) in rice cultivation” and agreed to recommend that the Board approve the proposed new small-scale methodology, as contained in annex 2 to this report. The methodology is applicable to project activities implementing dry-cultivated water-saving and drought-resistance rice. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.⁸
22. The MP considered the proposed new small-scale methodology “SSC-NM110: Use of microbiological agents that promote nitrogen fixation and N₂O reduction to dinitrogen (N₂)” and agreed to continue working on the proposed new small-scale methodology at its next meeting. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.⁹

(ii). Revisions to approved methodologies and tools (small scale)

23. The MP considered the revisions to small-scale methodologies and tools shown in table 6 below.

⁸ <https://cdm.unfccc.int/methodologies/SSCmethodologies/pnm/byref/SSC-NM108>.

⁹ <https://cdm.unfccc.int/methodologies/SSCmethodologies/pnm/byref/SSC-NM110>.

Table 6. Status of revisions to small-scale methodologies and methodological tools

Type	AM/AT	Title	Mandate/ submission	Status	Paragraph
Methodology	AMS-III.BA.	Recovery and recycling of materials from E-waste	Bottom-up submission (SSC_845: Request for revision of AMS-III.BA. for inclusion of glass)	Approval	24
Methodology	AMS-III.AU	Methane emission reduction by adjusted water management practice in rice cultivation	EB 118 meeting report, para. 20	Work in progress	26
Methodology	AMS-III.D.	Methane recovery in animal manure management systems	EB 116 meeting report, para. 33	Work in progress	27
Methodology	AMS-I.E.	Switch from non-renewable biomass for thermal applications by the user	EB 124 meeting report, para. 32	Approval	28
Methodology	AMS-II.G.	Energy efficiency measures in thermal applications of non-renewable biomass	EB 124 meeting report, para. 32	Approval	29
Methodology	AMS-III.AV.	Low greenhouse gas emitting safe drinking water production systems	EB 124 meeting report, para. 32	Approval	30
Methodology	AMS-III.BG.	Emission reduction through sustainable charcoal production and consumption	EB 124 meeting report, para. 32	Approval	31

24. The MP considered the proposed revision of the methodology “AMS-III.BA.: Recovery and recycling of materials from E-waste” (ver. 03.0) (hereinafter referred to as AMS-III.BA) and

- agreed to recommend that the Board approve the proposed revision, as contained in annex 3 to this report. The MP noted that some of the values of parameters for the materials included in this methodology and in “AMS-III.AJ: Recovery and recycling of materials from solid wastes” (hereinafter referred to as AMS-III.AJ) are not representative of the most recent circumstances in the recycling sector. The history of this small-scale bottom-up request can be viewed on the UNFCCC CDM website.¹⁰
25. Further, the MP agreed to request the Board to provide a mandate to streamline methodologies AMS-III.BA and AMS-III.AJ and ensure their consistency, including updating the default values included in these methodologies.
 26. The MP continued reviewing the methodology “AMS-III.AU: Methane emission reduction by adjusted water management practice in rice cultivation” (ver. 04.0) and agreed to continue working on the small-scale methodology at its next meeting. The work is being carried out in response to the mandate by the Board at EB 118 (EB 118 meeting report, para. 20) to review, and, if needed, revise the methodology to identify and incorporate improvements based on published literature.
 27. The MP considered the revision of the methodology “AMS-III.D.: Methane recovery in animal manure management systems” (ver. 21.0) and agreed to continue working on the draft methodology at its next meeting. The work is being carried out in response to the mandate by the Board at EB 116 (EB 116 meeting report, para. 33) to address fugitive methane emissions from biogas digesters and the use of the updated methods by the IPCC.
 28. The MP considered the revision of the methodology “AMS-I.E.: Switch from non-renewable biomass for thermal applications by the user” (ver. 13.0), as contained in annex 4 to this report, and agreed to launch a call for public input following the “Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools”. If there are no inputs received during the call, the MP recommends that the Board approve the methodology. This revision is based on the recommendation by the MP to remove the reference to TOOL30 and include a reference to TOOL33 that includes default values of fNRB.
 29. The MP considered the revision of the methodology “AMS-II.G.: Energy efficiency measures in thermal applications of non-renewable biomass” (ver. 13.1), as contained in annex 5 to this report, and agreed to launch a call for public input following the “Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools”. If there are no inputs received during the call, the MP recommends that the Board approve the methodology. This revision is based on the recommendation by the MP to remove the reference to TOOL30 and include a reference to TOOL33 that includes default values of fNRB.
 30. The MP considered the revision of the methodology “AMS-III.AV.: Low greenhouse gas emitting safe drinking water production systems” (ver. 08.0), as contained in annex 6 to this report, and agreed to launch a call for public input following the “Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools”. If there are no inputs received during the call, the MP recommends that the Board approve the methodology. This revision is based on the recommendation

¹⁰ <https://cdm.unfccc.int/methodologies/SSCmethodologies/clarifications/27983>.

by the MP to remove the reference to TOOL30 and include a reference to TOOL33 that includes default values of fNRB.

31. The MP considered the revision of the methodology “AMS-III.BG.: Emission reduction through sustainable charcoal production and consumption” (ver. 04.0), as contained in [annex 7](#) to this report, and agreed to launch a call for public input following the “Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools”. If there are no inputs received during the call, the MP recommends that the Board approve the methodology. This revision is based on the recommendation by the MP to remove the reference to TOOL30 and include a reference to TOOL33 that includes default values of fNRB.

(iii). Requests for clarification of methodologies and tools (small scale)

32. No clarifications on small-scale methodologies were considered at this meeting.

Agenda item 3.1.1. Post-registration changes

33. The MP took note that no requests for input to post-registration changes for large-scale and small-scale methodologies or tools were to be considered at this meeting.

Agenda item 3.1.2. Deviations from approved methodologies and tools

34. The MP took note that no requests for input to deviations related to large-scale and small-scale methodologies or tools were to be considered at this meeting.

Agenda item 3.2. Other issues

35. The MP continued considering the matter related to the development of national, subnational and/or regional values for the fraction of non-renewable biomass (fNRB) that can be applied in methodologies for clean cooking, in response to the mandate from the Board at EB 116 (EB 116 report, para. 25), EB 120 (EB 120 report, para. 25), EB 123 (EB 123 report, para. 28), and EB 124 (EB 124 report, para. 30), which requested the MP to develop these values by building on scientific studies, engaging external experts and addressing issues related to:
- (a) Exploring further data on the calculation of urban fNRB and the localization of wood harvesting for charcoal production supplying the urban areas; and
 - (b) Optimal geographical disaggregation for the estimation of fNRB values, taking into account, for example, the uncertainty level of estimates at different geographical levels and fuelwood and charcoal flows between different subnational jurisdictions or across national borders.
36. The MP finalized the information note “Development of default values for fraction of non-renewable biomass”, which includes default fNRB values at a national and regional (continental) level, as contained in [annex 8](#) to this report. The MP considers this an advancement in terms of accuracy and conservativeness compared to the fNRB values obtained using the existing approach provided in the TOOL30. However, the MP welcomes stakeholders to submit new methodological approaches for the calculation of fNRB values that results in further advancements in terms of accuracy and conservativeness.

37. Further, the MP agreed to include these values in TOOL33 and agreed to recommend the updated version of the tool for approval, as mentioned under paragraph 15 above.
38. Furthermore, the MP suggests that the Board discontinue the use of TOOL30 with effect from 1 January 2026, ensuring it remains valid for use of the CDM activities that are transitioning to the mechanism established by Article 6, paragraph 4, of the Paris Agreement.

Agenda item 4. Conclusion of the meeting

39. The MP adopted the report of MP 97. The report and annexes will be available on the UNFCCC CDM website.
40. The Chair of the MP closed the meeting.

Annexes to the report

- Annex 1 - TOOL33: Default values for common parameters
- Annex 2 - SSC-NM108: Emission reduction by application of Dry-cultivated Water-saving and Drought-resistance Rice (D-WDR) in rice cultivation
- Annex 3 - AMS-III.BA.: Recovery and recycling of materials from E-waste
- Annex 4 - AMS-I.E.: Switch from non-renewable biomass for thermal applications by the user
- Annex 5 - AMS-II.G.: Energy efficiency measures in thermal applications of non-renewable biomass
- Annex 6 - AMS-III.AV.: Low greenhouse gas emitting safe drinking water production systems
- Annex 7 - AMS-III.BG.: Emission reduction through sustainable charcoal production and consumption
- Annex 8 - Information note: Development of default values for fraction of non-renewable biomass

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Document information

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