

CDM-MP95

Meeting report

Methodologies Panel ninety-fifth meeting

Version 01.0

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Place of meeting: Virtual



United Nations
Framework Convention on
Climate Change

TABLE OF CONTENTS		Page
AGENDA ITEM 1.	AGENDA AND MEETING ORGANIZATION	3
Agenda item 1.1.	Opening.....	3
Agenda item 1.2.	Adoption of the agenda.....	3
AGENDA ITEM 2.	GOVERNANCE AND MANAGEMENT MATTERS	4
Agenda item 2.1.	Matters related to the Methodologies Panel	4
Agenda item 2.2.	Upcoming deadlines of relevance to stakeholders.....	4
AGENDA ITEM 3.	REGULATORY MATTERS	4
Agenda item 3.1.	Standards/tools	5
Agenda item 3.1.1.	Post-registration changes	11
Agenda item 3.1.2.	Deviations from approved methodologies and tools	11
Agenda item 3.2.	Other issues	11
AGENDA ITEM 4.	CONCLUSION OF THE MEETING	12
ANNEXES TO THE REPORT.....		13

Agenda item 1. Agenda and meeting organization

Agenda item 1.1. Opening

1. The Vice-Chair of the Methodologies Panel (MP), Mr. Amjad Abdulla, opened the meeting.
2. The MP noted that its Chair Ms. Natalie Kushko and one of its members Mr. Sudhir Sharma was unable to attend this meeting and had provided proper justification for their absence.
3. The MP observed a minute of silence in honour of Dr. Gajanana Hegde, who passed away on 2 September 2024. Dr. Hegde was a staff member at the secretariat and supported the work related to development of methodologies for over 18 years. The MP members expressed their condolences to his family and the secretariat, remembered him as a champion for the methodologies under the United Nations Framework Convention on Climate Change (UNFCCC) and recognized his contribution to the cause of combating climate change.
4. Table 1 below represents attendance at the virtual meeting, which was held from 30 September to 2 October 2024. The names in bold print represent attendance at the meeting.

Table 1. Attendance

Chair/Vice-Chair	Members
Ms. Natalie Kushko (Chair)	Mr. Amr Osama Abdel-Aziz
Mr. Amjad Abdulla (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

5. The MP adopted the agenda of the meeting.
6. The MP considered information provided by members, the Chair and the Vice-Chair with respect to any potential conflict of interest. Statements on conflict of interest can be viewed on the UNFCCC clean development mechanism (CDM) website.¹

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

Agenda item 2. Governance and management matters

Agenda item 2.1. Matters related to the Methodologies Panel

7. The MP took note of the outcomes of the 122nd meeting of the Executive Board of the CDM (hereinafter referred to as the Board) (EB 122) that were relevant to the MP.

Agenda item 2.2. Upcoming deadlines of relevance to stakeholders

8. The MP took note that the dates of its 96th meeting (MP 96) will be decided at EB 123 in November 2024.
9. 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 MP 96 is eight weeks prior to the meeting;
 - (b) The deadline for the submission of requests for revision to be considered at MP 96 is eight weeks prior to the meeting;
 - (c) The deadline for the submission of requests for clarification to be considered at MP 96 is six weeks prior to the meeting.

Agenda item 3. Regulatory matters

10. 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.
11. 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
12. 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.

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

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

Agenda item 3.1. Standards/tools

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

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

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

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

Type	Submission	Title	Mandate	Status	Paragraph
Methodology	NM0384	Use of Light wood frame to replace and reduce the use of conventional masonry materials in construction of different types of buildings	Bottom-up submission	Rejection	14
Methodology	NM0386	GHG emission reductions through comprehensive animal manure management systems	Bottom-up submission	Work in progress	15
Methodology	NM0387	Plugging of orphan, idle and abandoned oil and gas wells	Bottom-up submission	Rejection	16
Methodology	NM0388	Use of unutilized CO2 during the manufacturing process of precipitated calcium carbonate (PCC) and the energy reduction in the paper production	Bottom-up submission	Work in progress	17
Methodology	NM0389	Renewable energy storage and supply to the electricity grid	Bottom-up submission	Work in progress	18

14. The MP recommended that the Board reject the proposed new large-scale methodology “NM0384: Use of Light wood frame to replace and reduce the use of conventional masonry materials in construction of different types of buildings”. The reasons for the rejection are outlined in the “Form: New baseline and monitoring methodology recommendation form”. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.⁴
15. 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 proposed methodology at its next meeting with a view to

⁴ <https://cdm.unfccc.int/methodologies/PAMethodologies/pnm/byref/NM0384>.

consolidating this methodology and “AM0073: GHG emission reductions through multi-site manure collection and treatment in a central plant” with approved consolidated methodology “ACM0010: GHG emission reductions from manure management systems”. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.⁵

16. The MP recommended that the Board reject the proposed new large-scale methodology “NM0387: Plugging of orphan, idle and abandoned oil and gas wells”. The reasons for the rejection are outlined in the “Form: New baseline and monitoring methodology recommendation form”. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.⁶
17. The MP considered the proposed new large-scale methodology “NM0388: Use of unutilized CO₂ during the manufacturing process of precipitated calcium carbonate (PCC) and the energy reduction in the paper production” and agreed to continue working on the proposed methodology at its next meeting. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.⁷
18. The MP considered the proposed new large-scale methodology “NM0389: Renewable energy storage and supply to the electricity grid” and agreed to continue working on the proposed methodology at its next meeting. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.⁸

⁵ <https://cdm.unfccc.int/methodologies/PAMethodologies/pnm/byref/NM0386>.

⁶ <https://cdm.unfccc.int/methodologies/PAMethodologies/pnm/byref/NM0387>.

⁷ <https://cdm.unfccc.int/methodologies/PAMethodologies/pnm/byref/NM0388>.

⁸ <https://cdm.unfccc.int/methodologies/PAMethodologies/pnm/byref/NM0389>.

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

19. The MP considered the revisions to large-scale methodologies and methodological tools as presented in table 3 below and, where applicable, took external expertise and public input into account.

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

Type	Submission	Title	Mandate	Status	Paragraph
Methodology	AM0123	Renewable energy generation for captive use	Bottom-up submission (AM_REV_267: Revision to methodology AM0123 to extend its applicability to project activities that supply electricity to third-party consumers or to consumers having shareholding patterns with the RE-generating firm	Rejection	20
Methodology	AM0090	Modal shift in transportation of cargo from road transportation to water or rail transportation	Bottom-up submission (AM_REV_268: Request for revision of routes, ownership, and types of cargo under AM0090)	Rejection	21
Methodology	ACM0010	GHG emission reductions from manure management systems	EB 116 meeting report, para. 33	Work in progress	22

20. The MP considered the revised documentation provided by the submitter of “AM_REV_267: Revision to methodology AM0123 to extend its applicability to project activities that supply electricity to third-party consumers or to consumers having shareholding patterns with the RE-generating firm” regarding the methodology “AM0123: Renewable energy generation for captive use” (ver. 01.0) and agreed to reject the request for revision. The reasons for rejecting the request are listed the “Form: Approved baseline and monitoring methodology / methodological tool revision recommendation form”. The history of this large-scale bottom-up request can be viewed on the UNFCCC CDM website.⁹

⁹ <https://cdm.unfccc.int/methodologies/PAMethodologies/revisions/05082>.

21. The MP considered the revised documentation provided by the submitter of “AM_REV_268: Request for revision of routes, ownership, and types of cargo under AM0090” regarding the methodology “AM0090: Modal shift in transportation of cargo from road transportation to water or rail transportation” (ver. 1.1.0) and agreed to reject the request for revision. The reasons for rejecting the request are listed the “Form: Approved baseline and monitoring methodology / methodological tool revision recommendation form”. The history of this large-scale bottom-up request can be viewed on the UNFCCC CDM website.¹⁰
22. 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, paragraph 33) to address fugitive methane emissions from biogas digesters and the use of the updated methods by the Intergovernmental Panel on Climate Change.

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

23. 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.¹¹

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

Submission number	AM/AT	Title of request	Status	Paragraph
AM_CLA_0316	ACM0018	Applicability conditions for ACM0018	Clarified	24
AM_CLA_0317	AM0036	Clarification on the use of wood chips under AM0036	Clarified	25
AM_CLA_0318	ACM0016	Clarification on the applicability of ACM0016 for inter-country transportation	Clarified	26

24. The MP considered the request for clarification “AM_CLA_0316: Applicability conditions for ACM0018” (regarding “ACM0018: Electricity generation from biomass in power-only plants” (ver. 06.0)). The MP recommended that the Board approve the response to the request for clarification.
25. The MP considered the request for clarification “AM_CLA_0317: Clarification on the use of wood chips under AM0036” (regarding “AM0036: Use of biomass in heat generation equipment” (ver. 07.0)). The MP recommended that the Board approve the response to the request for clarification.
26. The MP considered the request for clarification “AM_CLA_0318: Clarification on the applicability of ACM0016 for inter-country transportation” (regarding “ACM0016: Mass Rapid Transit Projects” (ver. 06.0)). The MP recommended that the Board approve the response to the request for clarification.

¹⁰ <https://cdm.unfccc.int/methodologies/PAmethodologies/revisions/18012>.

¹¹ <https://cdm.unfccc.int/methodologies/PAmethodologies/clarifications/pending>.

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

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

27. The MP considered the new small-scale methodologies shown in table 5 below and, where applicable, took external expertise and public input 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	Work in progress	28
Methodology	SSC-NM109	Nitrogen as a Fuel Gas Replacement for Pneumatic Devices	Bottom-up submission	Approval	29

28. The MP considered the feedback 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 continue working on the proposed small-scale methodology at its next meeting. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.¹²

29. The MP considered the proposed new small-scale methodology “SSC-NM109: Nitrogen as a Fuel Gas Replacement for Pneumatic Devices”, as contained in annex 1 to this report, and agreed to recommend the methodology for approval. The methodology is applicable to project activities developed at on-shore and off-shore upstream oil and gas production facilities. The history of this bottom-up submission can be viewed on the UNFCCC CDM website.¹³

¹² <https://cdm.unfccc.int/methodologies/SSCmethodologies/pnm/byref/SSC-NM108>.

¹³ <https://cdm.unfccc.int/methodologies/SSCmethodologies/pnm/byref/SSC-NM109>.

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

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

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

Type	AM/AT	Title	Mandate/ submission	Status	Paragraph
Methodology	AMS-I.I.	Biogas/biomass thermal applications for households/small users	EB 116 report, para. 33	Approval	31
TOOL	TOOL14	Project and leakage emissions from anaerobic digesters	EB 116 report, para. 33	Approval	31
Methodology	AMS-III.D.	Methane recovery in animal manure management systems	EB 116 report, para. 33	Work in progress	32
Methodology	AMS-III.AU	Methane emission reduction by adjusted water management practice in rice cultivation	EB 118 report, para. 20	Work in progress	33
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)	Work in progress	34

31. The MP considered the proposed revised methodologies “AMS-I.I.: Biogas/biomass thermal applications for households/small users” and “TOOL14: Project and leakage emissions from anaerobic digesters”, as contained in [annex 2](#) and [annex 3](#) 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 the Board approve the methodology and the tool.

32. The MP considered the proposed revised methodology “AMS-III.D.: Methane recovery in animal manure management systems” and agreed to continue working on the revision at its next meeting.

33. The MP considered the proposed revision of small-scale methodology “AMS-III.AU: Methane emission reduction by adjusted water management practice in rice cultivation” and agreed to continue working on the revision at its next meeting.
34. The MP considered the request for revision “SSC_845: Request for revision of AMS-III.BA. for inclusion of glass” regarding the methodology “AMS-III.BA.: Recovery and recycling of materials from E-waste” (ver. 03.0) and agreed to continue working on the request for revision at its next meeting, based on clarifications to be received from the proponent. The history of this small-scale bottom-up request can be viewed on the UNFCCC CDM website.¹⁴

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

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

Agenda item 3.1.1. Post-registration changes

36. 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

37. 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

38. 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) and EB 120 (EB 120 report, para. 25), which requested the MP to develop these values by building on scientific studies and engaging external experts. A total of 28 responses were received in response to an additional call for inputs that was agreed at MP 94 and open from 21 June until 9 August 2024. The secretariat produced an analysis of the inputs received, grouping them into several categories, as contained in [annex 4](#) to this report. Readers are encouraged to consult the full submissions available on the UNFCCC website for a thorough understanding of the issues raised in the submissions.¹⁵
39. The MP considered each of the inputs received and thanked the stakeholders for the comprehensive inputs provided. The inputs included suggestions for revisions/clarifications on the Modeling Fuelwood Saving Scenario model, level of data uncertainty, and validation of data. Inputs were also received pertaining to the calculation of fNRB using the marginality approach.
40. The MP will continue working with external experts on further clarifications based on stakeholder inputs, including calculation of fNRB using the marginality approach, among other things, taking into consideration any further guidance from the Board at EB 123, for the recommendation of the Board at a future meeting.

¹⁴ <https://cdm.unfccc.int/methodologies/SSCmethodologies/clarifications/27983>.

¹⁵ https://cdm.unfccc.int/public_inputs/2024/202406/index.html.

Agenda item 4. Conclusion of the meeting

41. The MP adopted the report of MP 95. The report and annexes will be available on the UNFCCC CDM website.
42. The Vice-Chair of the MP closed the meeting.

Annexes to the report

- Annex 1 - SSC-NM109: Nitrogen as a Fuel Gas Replacement for Pneumatic Devices
- Annex 2 - AMS-I.I.: Biogas/biomass thermal applications for households/small users
- Annex 3 - TOOL14: Project and leakage emissions from anaerobic digesters
- Annex 4 - Information note: Stakeholder inputs on the review of clean cooking methodologies including estimation of fNRB values

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