

A6.4-MEP005

Meeting report

Fifth meeting of the Methodological Expert Panel

Version 01.0

Date of meeting: 7 to 11 April 2025

Place of meeting: Bonn, Germany



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 Co-Chair of the Methodological Expert Panel (MEP), Mr. El Hadji Mbaye Diagne, opened the fifth meeting and welcomed the members to the meeting.
2. Table 1 below represents attendance at the meeting. The names in bold print represent attendance at the meeting, and italics indicate that the member attended the meeting virtually.

Table 1. Attendance

Co-Chairs	Members
Mr. El Hadji Mbaye Diagne (Co-Chair)	Mr. Amr Osama Abdel-Aziz
Mr. Simon Fellermeier (Co-Chair)	Ms. Enam Akoetey-Eyiah
	Mr. Ruy Anaya de la Rosa
	Ms. Penelope Baalman
	Mr. Daniel Cullenward
	Mr. Wojciech Galinski
	Ms. Yaning Jin
	Ms. Martha Ntabadde Kasozi
	<i>Mr. Braulio Pikman</i>
	Ms. Navjot Kaur Sandhu
	Mr. Lambert Schneider
	Mr. Samir Thapa
	Ms. Jessica Wade-Murphy de Jimenez
	Mr. Kenichiro Yamaguchi

Agenda item 1.2. Adoption of the agenda

3. The MEP adopted the agenda of the fifth meeting, as proposed.
4. The MEP considered information provided by members and the Co-Chairs 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) Article 6.4 mechanism website.¹
5. The proceedings of the open sessions of the meeting were broadcasted to allow stakeholders to follow the discussion.

¹ Refer to <https://unfccc.int/process-and-meetings/bodies/constituted-bodies/article-64-supervisory-body/mep/meetings>.

Agenda item 2. Governance and management matters

Agenda item 2.1. Matters related to the Methodological Expert Panel

6. The MEP took note of the outcomes from the fifteenth meeting of the Supervisory Body that were relevant to the work of the MEP.
7. The MEP took note that the sixth meeting of the MEP (MEP 006) will be held from 26 to 30 May 2025.

Agenda item 2.2. Upcoming deadlines of relevance to stakeholders

8. The MEP took note that the upcoming deadline applicable to the stakeholders for the submission of proposed new methodologies and methodological tools to be considered at MEP 006 is 21 April 2025, i.e. five weeks before MEP 006. The MEP also agreed that the deadlines for submission of proposed new methodologies and methodological tools to be considered at future meetings of the MEP will be eight weeks before the start of the MEP meeting. The MEP requested the secretariat to publish the submission deadlines on the UNFCCC website.²

Agenda item 3. Regulatory matters

Agenda item 3.1. Requirements for methodologies

9. The MEP continued its consideration of the development of the documents related to requirements for methodologies, as presented in table 2 below, based on "Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies" (document A6.4-STAN-METH-001)³ and as mandated by the Supervisory Body for the MEP workplan 2025 (document A6.4-INFO-GOV-021).⁴

Table 2. Status of methodological standards

Type	Title	Status	Paragraph
Standard	Setting the baseline in mechanism methodologies	Recommendation	10
Tool	Investment analysis	Work in progress	14(a)
Tool	Common-practice analysis	Work in progress	14(b)
Tool	Lock-in risk analysis	Work in progress	14(c)
Standard	Addressing leakage in mechanism methodologies	Recommendation	15
Standard	Suppressed demand	Work in progress	16

² Refer to <https://unfccc.int/process-and-meetings/the-paris-agreement/paris-agreement-crediting-mechanism/methodologies#Methodology-Submissions>.

³ Refer to <https://unfccc.int/sites/default/files/resource/A6.4-STAN-METH-001.pdf>.

⁴ Refer to <https://unfccc.int/sites/default/files/resource/A6.4-INFO-GOV-021.pdf>.

10. The MEP finalized the draft “Standard: Setting the baseline in mechanism methodologies”, as contained in annex 1 to this report, and agreed to recommend to the Supervisory Body that it consider and adopt the draft standard.
11. In considering this draft standard, the MEP agreed to request the Supervisory Body to decide on the way forward with respect to section 3 in Appendix 1 of the draft standard regarding:
 - (a) Which regulatory document, guidance on alignment of Article 6.4 activities with nationally determined contributions, long-term low-emissions development strategies and Paris Agreement Long-Term Goals should be addressed; and
 - (b) Whether further guidance would need to be incorporated in the additionality standard on the alignment of activities with the Paris Agreement Long-Term Goals.
12. The MEP noted that the proposed draft standard will facilitate the development of mechanism methodologies. At the same time, this standard should be enhanced in future revisions by further analysis and elaboration of some of its contents, including the following areas:
 - (a) Amendment of the standard to also cover methodological requirements for mitigation actions implemented at larger scales (e.g. programmes of activities or large-scale crediting programmes), noting that the current version of the standard only applies to activities implemented at the project level;
 - (b) Elaboration of further requirements and/or guidance for some types of activities involving removals – for example, with respect to the ambitious benchmark approach, downward adjustment and determination of conservative business-as-usual;
 - (c) Establishment of further guidance or approaches for determining best available technologies (BATs), in particular in situations of overlapping BATs;
 - (d) More detailed requirements and guidance for standardized baselines applicable to one or several Parties;
 - (e) Elaboration of provisions regarding the renewal of crediting period;
 - (f) Further guidance on specific quantitative methods for determining the factors or quantitative methods for downward adjustment, and exemptions for downward adjustments;
 - (g) Elaboration of an appendix that provides examples of how provisions in the draft standard could be applied.
13. The MEP will prepare a proposed draft revision of this standard in the future to address the issues mentioned in the above paragraph.

14. The MEP was not able to undertake further work on the following agenda items due to time constraints and agreed to continue working on these agenda items at a future meeting:
 - (a) Tool: Investment analysis;
 - (b) Tool: Common practice analysis;
 - (c) Tool: Lock-in risk analysis.
15. The MEP finalized the draft “Standard: Addressing leakage in mechanism methodologies”, as contained in annex 2 to this report, and agreed to recommend to the Supervisory Body that it consider and adopt the draft standard. Further, the MEP will prepare a proposed draft revision to this standard in the future to operationalize paragraph 83(f), paragraph 85 (c) through (e), and paragraph 87 of the “Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies”, that was adopted by fourteenth meeting of the Supervisory Body.
16. The MEP considered the draft “Standard: Suppressed demand”, including the definitions and metrics for basic human needs and minimum service level, and agreed to continue working on the draft standard at its next meeting.

Agenda item 3.2. Removals

17. The MEP continued its consideration of the development of the documents related to removals, as presented in table 3 below, based on the “Standard: Requirements for activities involving removals under the Article 6.4 mechanism” (document A6.4-STAN-METH-002)⁵ and as mandated by the Supervisory Body for the MEP workplan 2025 (document A6.4-INFO-GOV-021).⁶

⁵ Refer to <https://unfccc.int/sites/default/files/resource/A6.4-STAN-METH-002.pdf>.

⁶ See footnote 3.

Table 3. Status of methodological products on activities involving removals

Type	Title	Status	Paragraph
Standard	Addressing non-permanence/reversals in mechanism methodologies, including: a. Post-crediting period monitoring, reporting, and remediation of reversals, post-reversal action, and host Party roles; b. Late, incomplete or missing monitoring report submissions, and treatment of activities for which a reversal results in a removals level that falls below baseline; c. Reversal risk assessment; d. Avoidable and unavoidable reversals, and reversal compensation.	Work in progress	18
Tool	Reversal risk assessment, including: a. Whether upper limits are needed in respect of the risk rating (overall) or specific risk factors (within the tool), including options and science-based rationales for upper limit(s); b. Risk rating that constitutes a negligible risk; c. Any further categorization of risk; d. How remediation measures are taken into account in the risk assessment tool.	Work in progress	19

18. The MEP advanced its work on the draft “Standard: Addressing non-permanence/reversals in mechanism methodologies”. It considered the issues related to reversal-related notifications and the procedure to be followed in the cases of late, incomplete or missing monitoring reports. The MEP also considered risk assessment plan development and agreed that risk assessment should be conducted on a greenhouse gas reservoir specific basis.
19. The MEP was not able to undertake further work on the draft “Tool: Reversal risk assessment” due to time constraints and agreed to continue working on the draft tool at a future meeting.

Agenda item 3.3. Revision of clean development mechanism methodologies and methodological tools

20. The MEP continued its consideration of the revision of the clean development mechanism (CDM) methodologies, methodological tools, methodological standards and methodological guidelines, as presented in table 4 below. The MEP agreed that the revision of these documents shall take into consideration its ongoing work under agenda item 3.1 and agenda item 3.2 above.

Table 4. Status of the revision of CDM methodologies and methodological tools for the Article 6.4 mechanism

Type	Title	Status	Paragraph
CDM methodology	ACM0002: Grid-connected electricity generation from renewable sources	Work in progress	21
CDM methodology	AMS-I.D.: Grid-connected renewable electricity generation	Work in progress	21
CDM methodological tool	Tool: Emission factor for an electricity system	Work in progress	21
CDM methodology	ACM0001: Flaring or use of landfill gas	Work in progress	22
CDM methodological tool	Tool: Emissions from solid waste disposal sites	Work in progress	22
CDM methodological tool	Tool: Project emissions from flaring	Work in progress	22
CDM methodological tool	Tool: Mass flow of a greenhouse gas in a gaseous stream	Work in progress	22
CDM methodology	AMS-II.G.: Energy efficiency measures in thermal applications of non-renewable biomass	Work in progress	23
CDM methodology	AMS-I.E.: Switch from non-renewable biomass for thermal applications by the user	Work in progress	23
CDM methodological Tool	Tool: Calculation of the fraction of non-renewable biomass	Work in progress	23
CDM methodological standard	Standard: Sampling and surveys for CDM project activities and programmes of activities	Work in progress	23
CDM methodological guidelines	Guidelines: Sampling and surveys for CDM project activities and programmes of activities	Work in progress	23

21. The MEP was not able to undertake further work, on the revision of “ACM0002: Grid-connected electricity generation from renewable sources”, “AMS-I.D.: Grid-connected renewable electricity generation” and “Tool: Emission factor for an electricity system” due to time constraints and agreed to continue working on these methodologies and the tool at its next meeting.
22. The MEP considered the revision of “ACM0001: Flaring or use of landfill gas”, “Tool: Emissions from solid waste disposal sites”, “Tool: Project emissions from flaring”

and “Tool: Mass flow of a greenhouse gas in a gaseous stream”. The MEP agreed to continue working on the revision of the methodology and associated tools at its next meeting, in particular to assess the impact of flux, depth of landfill cover, age of landfill and percent of landfill area that is covered, on the oxidation factor and potential approaches to estimate conservative oxidation factors.

23. The MEP was not able to undertake further work, due to time constraints, on the revision of “AMS-II.G.: Energy efficiency measures in thermal applications of non-renewable biomass” and “AMS-I.E.: Switch from non-renewable biomass for thermal applications by the user” and agreed to continue to work on these methodologies and the associated “Tool: Calculation of the fraction of non-renewable biomass”, “Standard: Sampling and surveys for CDM project activities and programmes of activities” and “Guidelines: Sampling and surveys for CDM project activities and programmes of activities” at its next meeting.

Agenda item 4. Conclusion of the meeting

24. The members of the MEP adopted the report of MEP 005. The report will be available on the UNFCCC website.⁷
25. The Co-Chair of the MEP closed the meeting.

⁷ Refer to <https://unfccc.int/process-and-meetings/bodies/constituted-bodies/article-64-supervisory-body/mep/meetings>.

Annexes to the report

- Annex 1 - Draft Standard: Setting the baseline in mechanism methodologies (version 03.0)
- Annex 2 - Draft Standard: Addressing leakage in mechanism methodologies (version 02.0)

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