

A6.4-MEP008

Meeting report

Eighth meeting of the Methodological Expert Panel

Version 01.0

Date of meeting: 1 to 5 September 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. Simon Fellermeier, opened the eighth meeting.
2. Table 1 shows attendance at the meeting (*italics indicate virtual attendance*).

Table 1. Attendance

Co-Chairs	Members
<i>Mr. El Hadji Mbaye Diagne</i>	Mr. Amr Osama Abdel-Aziz
Mr. Simon Fellermeier	<i>Ms. Enam Akoetey-Eyiah</i>
	Mr. Ruy Anaya de la Rosa
	<i>Ms. Penelope Baalman</i>
	Mr. Daniel Cullenward
	Mr. Wojciech Galinski
	Ms. Yaning Jin
	<i>Ms. Martha Ntabadde Kasozi</i>
	Mr. Braulio Pikman
	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 meeting agenda as proposed.
4. The MEP considered information provided by its 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

Agenda item 2. Governance and management matters

Agenda item 2.1. Matters related to the Methodological Expert Panel

5. The MEP took note that the ninth meeting of the MEP (MEP 009) will be held virtually from 13 to 14 October 2025.

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

Agenda item 2.2. Upcoming deadlines of relevance to stakeholders

6. The MEP took note that the deadline for stakeholders to submit proposed new methodologies and methodological tools for consideration at its tenth meeting is published on the UNFCCC website.²

Agenda item 3. Regulatory matters

Agenda item 3.1. Requirements for methodologies

7. The MEP continued its consideration of the development of the documents related to requirements for methodologies (see Table 2) based on the “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 in the MEP workplan for 2025 (document A6.4-INFO-GOV-021).⁴

Table 2. Status of methodological products

Type	Title	Status	Paragraph
Tool	Investment analysis	Call for public input	8
Tool	Common-practice analysis	Recommendation	9
Tool	Analysis of lock-in risk	Work in progress	10, 11

8. The MEP considered the draft “Methodological tool: Investment analysis”, as contained in annex 1 to this report. The MEP agreed to seek inputs from stakeholders on the draft version of the tool. The MEP will analyse the inputs at a future meeting and incorporate them in a revised draft for consideration of the Supervisory Body.
9. The MEP considered the draft “Methodological tool: Common-practice analysis”, as contained in annex 2 to this report, took into account comments received from stakeholders during the call for public input, and agreed to recommend that the Supervisory Body consider adoption of the tool with either option 1 or option 2 regarding the upper limits for the common-practice threshold for least developed countries and small island developing States.
10. The MEP considered the draft methodological tool “Analysis of lock-in risk”, including its overall structure, procedure for analysis, applicability, and scope of lock-in, and its alignment with requirements in the “Standard: Demonstration of additionality in mechanism methodologies” (hereinafter referred to as Additionality Standard).
11. Also, the MEP requested a mandate from the Supervisory Body to revise section 6.2 on analysis of lock-in risk of this standard, if necessary, noting that some elements identified in the work of the tool may better fit into the Additionality Standard. The MEP agreed to continue working on the tool at its future meeting.

² See <https://unfccc.int/process-and-meetings/the-paris-agreement/paris-agreement-crediting-mechanism/methodologies#howtosubmit-methodologies>.

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

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

Agenda item 3.2. Removals

12. The MEP continued its consideration of the development of the documents related to removals (see Table 3), 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 for 2025 (document A6.4-INFO-GOV-021).⁶

Table 3. Status of methodological products on activities involving removals

Type	Title	Status	Paragraph
Standard	Addressing non-permanence and reversals in mechanism methodologies, including: a. Post-crediting period monitoring, reporting, and remediation of reversals and post-reversal action; 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.	Recommendation	13, 14
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	15

13. The MEP considered the large number of inputs received, expressed appreciation for stakeholders’ engagement, and revised the draft standard to include inter alia:
- (a) A new option for some mechanism methodologies to apply a materiality threshold for determining that a release of stored greenhouse gases does not constitute a reversal;

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

⁶ See footnote 4.

- (b) An update to the definition of a “negligible risk of reversal” recommending that the Supervisory Body sets a single value for this parameter between 0.5 per cent and 2.5 per cent of A6.4ERs over a 100-year period;
 - (c) A refined approach to allow for alternative approaches to reversal-related monitoring and reporting requirements under a limited set of conditions;
 - (d) An updated approach for determining contributions to the reversal risk buffer pool account;
 - (e) A single approach for implementing the fraction of total A6.4ERs issued to be transferred to the Adaptation Fund (to implement the share of proceeds (SOP)) and the fund for cancellation to support overall mitigation in global emissions (OMGE);
 - (f) More flexibility regarding the timelines for submitting reversal-related reports.
14. The MEP considered the draft “Standard: Addressing non-permanence and reversals” as contained in annex 3 to this report and agreed to recommend that the Supervisory Body:
- (a) Consider the range of values proposed for defining a negligible risk of reversal, specify a single value to be adopted for this definition, and adopt the draft standard on “Addressing non-permanence and reversals in mechanism methodologies” included in Appendix 1 of the above-mentioned draft standard;
 - (b) Agree on the “Elements for inclusion in relevant regulatory documents” included in Appendix 2 and request the secretariat, in consultation with the MEP, to incorporate these elements into a draft revision of the following, for consideration by the Supervisory Body at a future meeting: the “Standard: Article 6.4 activity standard for projects” (A6.4-STAN-AC-002)⁷; the “Procedure: Article 6.4 mechanism registry” (A6.4-PROC-REGS-001)⁸; the “Standard: validation and verification standard for projects” (A6.4-STAN-AC-003)⁹; and the “Procedure: Article 6.4 activity cycle procedure for projects (A6.4-PROC-AC-002);¹⁰
 - (c) Request the secretariat to review and update, in consultation with the MEP, all cross-references made between Appendix 1 and Appendix 2 of the draft standard to be reflected correctly in the “Standard: Addressing non-permanence and reversals in mechanism methodologies”, once approved, and to reflect the appropriate elements of the revised Standards and Procedures referenced in subparagraph (b) above;
 - (d) Confirm that the approach implemented in the draft standard is appropriate, that mitigation contribution A6.4ERs are to be forwarded to the reversal risk buffer pool account without effecting a first transfer, and that the forwarding of authorized A6.4ERs is to be effected as a first transfer, consistent with the approach for the OMGE and SOP;

⁷ See <https://unfccc.int/sites/default/files/resource/A6.4-STAN-AC-002.pdf>.

⁸ See <https://unfccc.int/sites/default/files/resource/A6.4-PROC-REGS-001.pdf>.

⁹ See <https://unfccc.int/sites/default/files/resource/A6.4-STAN-AC-003.pdf>.

¹⁰ See <https://unfccc.int/sites/default/files/resource/A6.4-PROC-AC-002.pdf>

- (e) Request the secretariat to develop a simplified template for monitoring reports for the post-crediting monitoring period.
15. The MEP, building on its work on the reversal standard, advanced several elements of work on the draft “Tool: Reversal risk assessment”, including a recommended definition for negligible risk and further categorization of risks, both of which are included in the draft standard “Addressing non-permanence and reversals”. Further, the MEP agreed to continue to work on the draft tool at a future meeting.

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

16. The MEP continued its consideration of the revision of the clean development mechanism (CDM) methodologies, methodological tools, methodological standards and methodological guidelines (see Table 4). Revision of these documents shall take into consideration the latest methodological standards¹¹ and 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	17
CDM methodology	AMS-I.D.: Grid-connected renewable electricity generation	Work in progress	17
CDM methodological tool	Tool: Emission factor for an electricity system	Work in progress	17
CDM methodology	ACM0001: Flaring or use of landfill gas	Call for public input	18
CDM methodological tool	Tool: Emissions from solid waste disposal sites	Call for public input	18
CDM methodological tool	Tool: Project emissions from flaring	Call for public input	18
CDM methodological tool	Tool: Mass flow of a greenhouse gas in a gaseous stream	Call for public input	18
CDM methodological tool	Tool: Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation	Work in progress	19

¹¹ See <https://unfccc.int/process-and-meetings/bodies/constituted-bodies/article-64-supervisory-body/rules-and-regulations#methodologies>.

Type	Title	Status	Paragraph
CDM methodological tool	Tool: Calculate project or leakage CO2 emissions from fossil fuel combustion	Work in progress	20
CDM methodological tool	Tool: Determine the baseline efficiency of thermal or electric energy generation systems	Work in progress	20
CDM methodological tool	Tool: Determine the remaining lifetime of equipment	Work in progress	20

17. The MEP noted that since its last meeting, significant progress has been achieved 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”. However, due to limited time, the MEP agreed to continue advancing the revision of these draft methodologies and the draft tools at a future meeting.
18. 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”, as contained in [annex 4](#), [annex 5](#), [annex 6](#) and [annex 7](#) to this report. The MEP agreed to seek inputs from stakeholders on the draft version of the methodology and the draft tools. The MEP will analyse the inputs and consider them in preparation of a revised draft methodology and tools at its next meeting for consideration of the Supervisory Body.
19. The MEP also considered the revision of “Tool: Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation” and agreed to continue working on the revision of this draft tool at a future meeting.
20. The MEP further noted that work has been undertaken on the revision of “Tool: Calculate project or leakage CO2 emissions from fossil fuel combustion”, “Tool: Determine the baseline efficiency of thermal or electric energy generation systems” and “Tool: Determine the remaining lifetime of equipment” since its last meeting. However, due to limited time, the MEP agreed to continue advancing these draft tools at a future meeting.

Agenda item 4. Conclusion of the meeting

21. A paragraph the members of the MEP adopted the report of MEP 008. The report will be available on the UNFCCC website.¹²
22. The MEP Co-Chair, Mr. Simon Fellermeier, closed the meeting.
23. The proceedings of the open sessions of the meeting were broadcast to allow stakeholders to follow the discussion.¹³

¹² See <https://unfccc.int/process-and-meetings/bodies/constituted-bodies/article-64-supervisory-body/mep/meetings>.

¹³ See <https://www.youtube.com/playlist?list=PLBcZ22cUY9RIAoOUkoTJpdwYe7-WaSGSW>

Annexes to the report

- Annex 1 - Draft Methodological tool: Investment analysis (version 01.0)
- Annex 2 - Draft Methodological tool: Common practice analysis (version 02.0)
- Annex 3 - Draft Standard: Addressing non-permanence and reversals (version 02.0)
- Annex 4 - Draft Methodology: Flaring or use of landfill gas (version 01.0)
- Annex 5 - Draft Methodological tool: Emissions from solid waste disposal sites (version 01.0)
- Annex 6 - Draft Methodological tool: Activity emissions from flaring (version 01.0)
- Annex 7 - Draft Methodological tool: Mass flow of a greenhouse gas in a gaseous stream (version 01.0)

Document information

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