

A6.4-SBM023-A03

Information note

Workplan of the Methodological Expert Panel 2026

Version 04.0



United Nations
Framework Convention on
Climate Change

1. Introduction

1. The support structure of the Supervisory Body of the Article 6.4 mechanism consisting of the Accreditation Expert Panel and Methodological Expert Panel (MEP) is established under the Supervisory Body to assist in the performance of its functions related to the accreditation system and methodological issues concerning Article 6.4 mechanism activities.
2. The mandates of the panels are determined by their terms of reference, the rules of procedure of the Supervisory Body, and additional guidance provided by the Supervisory Body.^{1,2}
3. The workplan includes routine operational activities as well as mandates from the Supervisory Body. The 2026 workplan of the MEP outlines the expected products for consideration at each meeting throughout the year in support of the work of the Supervisory Body. It has been developed within the context of the Article 6.4 mechanism's two-year business and resource allocation plan 2026–2027.³
4. The 2026 workplan for the MEP also addresses the mandate received from CMA.7 regarding prioritizing the work on the revision of clean development mechanism methodologies that are applicable to activities for transition to the mechanism established by Article 6, paragraph 4.⁴
5. The table 4 in this document provides information related to the agenda items on which the work is yet to be started by the MEP.
6. The table 5 in this document lists various bottom-up submissions of proposed mechanism methodologies that are under consideration by the MEP.
7. Further, the following mandates received from SBM 022 are added to Table 1 or Table 4 of the MEP workplan at its next revision, wherein the Supervisory Body requested the MEP to:
 - (a) Review the "Mechanism methodology: Electricity generation from renewable sources connected to an electricity system" (A6.4-AMM-003);⁵
 - (b) Reflect the approach used for relative downward adjustment applied in the "Mechanism methodology: Electricity generation from renewable sources connected to an electricity system" in a future revision of the "Standard: Setting the baseline in mechanism methodologies" (A6.4-STAN-METH-004);⁶

¹ See <https://unfccc.int/sites/default/files/resource/A6.4-PROC-GOV-003.pdf>.

² See https://unfccc.int/sites/default/files/resource/cma7_15b_A6.4_auv.pdf.

³ Information note: Article 6.4 mechanism two-year business and resource allocation plan 2026–2027. Available at: <https://unfccc.int/sites/default/files/resource/A6.4-INFO-GOV-024.pdf>.

⁴ See decision 20/CMA.7 https://unfccc.int/sites/default/files/resource/cma2025_19_a03.pdf.

⁵ See paragraphs 19 and 20 of the SBM 022 meeting report, available at: <https://unfccc.int/sites/default/files/resource/A6.4-SBM022.pdf>.

⁶ See paragraph 21 of the SBM 022 meeting report, available at: <https://unfccc.int/sites/default/files/resource/A6.4-SBM022.pdf>.

- (c) Review its recommendation on “Draft mechanism methodology: Energy efficiency measures in household cooking”.⁷

8. The following mandates provided at SBM023 will be added to the MEP workplan for 2027⁸:

- (a) To develop methodological tool(s) with the objective of having a common approach to calculate activity, baseline and leakage emissions from hydrogen production, as appropriate;
- (b) To revise the CDM A/R methodologies and related methodological tools to enable the transition of CDM A/R projects and programme of activities to the Article 6.4 mechanism;
- (c) To revise the “Mechanism methodology: Cooking energy transitions” to expand the scope of the methodology for institutional users;
- (d) To revise the following methodologies and methodological tools to make them applicable to PoAs:
 - (i) Mechanism methodology: Flaring or use of landfill gas (A6.4-AMM-001);⁹
 - (ii) Mechanism methodology: N₂O abatement from nitric acid production (A6.4-AMM-002);¹⁰
 - (iii) Mechanism methodology: Electricity generation from renewable sources connected to an electricity system (A6.4-AMM-003);¹¹
 - (iv) Methodological tool: Emissions from solid waste disposal site (A6.4-AMT-003);¹²
 - (v) Methodological tool: Project emissions from flaring (A6.4-AMT-004);¹³
 - (vi) Methodological tool: Mass flow of a greenhouse gas in a gaseous stream (A6.4-AMT-005);¹⁴ and

⁷ See paragraph 22 of the SBM 022 meeting report, available at: <https://unfccc.int/sites/default/files/resource/A6.4-SBM022.pdf>.

⁸ See paragraphs 25 - 27, 31, 37 and 39 of the SBM 023 meeting report available at: <https://unfccc.int/sites/default/files/resource/A6.4-SBM023.pdf>.

⁹ See <https://unfccc.int/process-and-meetings/the-paris-agreement/article-6/article-64-pacm/mechanism-process/methodologies/a64-amm-001>.

¹⁰ See <https://unfccc.int/process-and-meetings/the-paris-agreement/article-6/article-64-pacm/mechanism-process/methodologies/a64-amm-002>.

¹¹ See <https://unfccc.int/process-and-meetings/the-paris-agreement/article-6/article-64-pacm/mechanism-process/methodologies/a64-amm-003>.

¹² See <https://unfccc.int/process-and-meetings/the-paris-agreement/article-6/article-64-pacm/mechanism-process/methodologies/a64-amt-003>.

¹³ See <https://unfccc.int/process-and-meetings/the-paris-agreement/article-6/article-64-pacm/mechanism-process/methodologies/a64-amt-004>.

¹⁴ See <https://unfccc.int/process-and-meetings/the-paris-agreement/article-6/article-64-pacm/mechanism-process/methodologies/a64-amt-005>.

- (vii) Methodological tool: Determination of the technical lifetime of equipment (A6.4-AMT-006).¹⁵
- (e) To monitor relevant scientific and technical developments and should credible new evidence arise, recommend a revision to the “Methodological tool: Reversal risk assessment”, including the natural reversal risk factors, the human-induced reversal risk factors and the human-induced reversal risk reduction factors, with respect to activities that reduce non-renewable biomass consumption; and
- (f) Consultation with MEP on the updated version of the “Concept note: Reversal risk buffer pool account contributions of authorized Article 6.4 emission reductions including potential implications for accounting of nationally determined contributions”.

¹⁵ See <https://unfccc.int/process-and-meetings/the-paris-agreement/article-6/article-64-pacm/mechanism-process/methodologies/a64-amt-006-determination-of-the-technical-lifetime-of-equipment>.

2. Methodological Expert Panel workplan 2026

Table 1. Methodological Expert Panel workplan 2026

Activity	Product	MEP 011	MEP 012	MEP 013	MEP 014	MEP 015	MEP 016	MEP 017	SBM consideration	Mandates
Processing of new methodologies / tools, requests for revision, and requests for clarification (bottom-up)	Proposed mechanism methodologies/ methodological tools, requests for revision, and requests for clarification submitted by proponents	Input	Launch call for public input	Input / Recommendation	Input	Launch call for public input	Input / Recommendation	Input / Recommendation	SBM 021 SBM 022 SBM 023 SBM meeting in 2027	Procedure: Development, revision and clarification of methodologies and methodological tools Section 5.1 and Procedure: Development, revision, clarification and update of standardised baselines Sections 5.2, 6.1 and 8.1.
Work related to revision of A6.4 mechanism methodologies methodological tools and methodological standards	A6.4-AMM-001: Flaring or use of landfill gas			Input	Launch call for public input		Recommendation	Recommendation	SBM 023 SBM 024	SBM 019 meeting report paragraph 11 : requesting to update methodology once "Methodological tool: Emissions from electricity generation and consumption" is adopted by the Supervisory Body. SBM 021 meeting report paragraph 25 and 26 to incorporate clarification A6.4-AMM-CLA-001 and align the mechanism methodology with the other regulatory documents approved by the Supervisory Body.
	Standard: Demonstration of additionality in mechanism methodologies	Input	Recommendation						SBM 021	SBM 018 meeting report, paragraph 34 : The revision of the draft methodological tool "Analysis of lock-in risk".
	A6.4-AMT-007: Emissions from electricity generation and consumption					Launch call for public input	Recommendation			SBM 021 meeting report para 27 (b) requested to revise A6.4 methodological standards and tools to make them PoA compliant.

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Work related to revision of A6.4 mechanism regulatory documents ⁴	Standard: Article 6.4 activity standard for projects						Input		SBM 023	SBM 018 meeting report, paragraph 27 : Requested to incorporate "Elements related to non-permanence and reversals for inclusion in relevant regulatory documents".
	Standard: Validation and verification standard for projects						Input		SBM 023	
	Standard: Article 6.4 activity standard for programme of activities							Input	SBM meeting in 2027	Standard: Article 6.4 activity standard for programme of activities, paragraph 162, footnote 31 : Application for PoAs.
	Procedure: Article 6.4 activity cycle procedure for projects						Input		SBM 023	SBM 018 meeting report, paragraph 27 : Requested to incorporate "Elements related to non-permanence and reversals for inclusion in relevant regulatory documents". SBM 021 meeting report paragraph 28 to incorporate any provisions necessary for the implementation of requirements relating to non-permanence and reversals.
	Procedure: Article 6.4 mechanism registry						Input		SBM 023	

⁴ MEP will provide input to these documents via electronically.

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Activity	Product	MEP 011	MEP 012	MEP 013	MEP 014	MEP 015	MEP 016	MEP 017	SBM consideration	Mandates
Work related to revision of A6.4 mechanism regulatory documents ⁵ (cont.)	Procedure: Article 6.4 activity cycle procedure for programme of activities							Input	SBM meeting in 2027	Standard: Article 6.4 activity standard for programme of activities, paragraph 162, footnote 31 : Application for PoAs. SBM021 meeting report paragraph 28 to incorporate any provisions necessary for the implementation of requirements relating to non-permanence and reversals.
	Procedure for development, revision and clarification of methodologies and methodological tools						Input			SBM 021 meeting report paragraph 29 to clarify areas of the current procedure in light of lessons learned and experience gained by the MEP and the secretariat in the development of methodologies and tools in recent years, and incorporating provisions necessary to operationalize deviations as envisaged under the approved activity cycle procedure.
Work related development of new methodological products (top-down)	Methodological tool: Analysis of lock-in risk	Launch call for public input	Recommendation						SBM 021	SBM 015 meeting report, paragraph 39 (b) : requested to initiate work on a methodological tool for lock-in risk analysis.
	Concept note: Large-scale crediting programmes		Input						SBM meeting in 2027	SB 010 meeting report, paragraph 33, annex 5 : Refer to table 1. Further work related to requirements for methodologies section.

⁵ Ibid.

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Work related development of new methodological products (top-down) (cont)	Tool: Reversal risk assessment	Input	Input	Input	Launch call for public input		Recommendation	Input	SBM 023	SB 010 meeting report, paragraph 33, annex 5 : Refer to table 2 Further work related to removals.
	Concept note: Options for the implementation of paragraph 62 of the "Standard: Requirements for activities involving removals under the Article 6.4 mechanism"	Input	Input	Input	Launch call for public input		Recommendation	Recommendation	SBM-023 SBM 024	SBM 018 meeting report, paragraph 30 : requested to prepare a concept note on addressing options for implementing paragraph 62 of the "Standard: Requirements for activities involving removals under the Article 6.4 mechanism".
	Concept note: Revision of methodological standards and tools for application to programmes of activities, including revision to the relevant methodological standards and tools				Launch call for public input		Recommendation		SBM 023	SBM 021 meeting report para 27 (a) and (b) requested to prepare concept note to operationalise requirements related to PoAs in A6.4 approved methodological standards and tools.
Work on revision of clean development mechanism (CDM) methodologies / methodological tools / Standard / Guidelines	ACM0002: Grid connected electricity generation from renewable sources; AMS-I.D.: Grid connected renewable electricity generation	Input	Launch call for public input	Input	Recommendation				SBM 022	SB 010 meeting report, paragraph 33, annex 5 : Refer to table 3 List of CDM methodologies and methodological tools prioritized for transitioning to the Article 6.4 mechanism.

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Activity	Product	MEP 011	MEP 012	MEP 013	MEP 014	MEP 015	MEP 016	MEP 017	SBM consideration	Mandates
Work on revision of CDM methodologies / methodological tools / Standard / Guidelines (cont.)	Tool: Emission factor for an electricity system	Recommendation							SBM 020	SB 010 meeting report, paragraph 33, annex 5 : Refer to table 3 List of CDM methodologies and methodological tools prioritized for transitioning to the Article 6.4 mechanism.
	AMS-II.G.: Energy efficiency measures in thermal applications of non-renewable biomass	Input	Input	Launch call for public input	Recommendation		Recommendation		SBM 022 SBM 023	SB 010 meeting report, paragraph 33, annex 5 : Refer to table 3 List of CDM methodologies and methodological tools prioritized for transitioning to the Article 6.4 mechanism; and SBM 022 meeting report, paragraph 22 requested MEP to review its recommendation and provide its views related to application of non-permanence requirements to improved cookstoves activities.
	AMS-I.E: Switch from non-renewable biomass for thermal applications by the user	Input	Input	Input	Input	Launch call for public input	Recommendation		SBM 023	SB 010 meeting report, paragraph 33, annex 5 : Refer to table 3 List of CDM methodologies and methodological tools prioritized for transitioning to the Article 6.4 mechanism.
	Tool for calculation of the fraction of non-renewable biomass	Launch call for public input	Recommendation						SBM 021	
	Standard: Sampling and Surveys for CDM project activities and programmes of activities	Input	Input	Input	Launch call for public input		Recommendation		SBM 023	

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Work on revision of CDM methodologies / methodological tools / Standard / Guidelines (cont.)	Guidelines: Sampling and Surveys for CDM project activities and programmes of activities	Input	Input	Input	Launch call for public input		Recommendation		SBM 023	SB 010 meeting report, paragraph 33, annex 5: Refer to table 3 List of CDM methodologies and methodological tools prioritized for transitioning to the Article 6.4 mechanism.
	Tool for Project and leakage emissions from biomass	Input	Input	Input				Input	SBM meeting in 2027	
	Tool to calculate project or leakage CO ₂ emissions from fossil fuel combustion			Input				Input	SBM meeting in 2027	
	Tool for Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation	Recommendation							SBM 020	
	Tool to calculate remaining lifetime of equipment	Recommendation							SBM 020	
	AM0023: Leak detection and repair in gas production, processing, transmission, storage and distribution systems and in refinery facilities							Input	SBM meeting in 2027	Decision 20/CMA.7 paragraph 24 mandated the Supervisory Body to prioritize work on the revision of CDM methodologies applicable to activities transiting to the A6.4 mechanism.

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Work on revision of CDM methodologies / methodological tools / Standard / Guidelines (cont.)	AMS-III.AV: Low greenhouse gas emitting safe drinking water production systems						Input	Launch call for public input	SBM meeting in 2027	Decision 20/CMA.7 paragraph 24 mandated the Supervisory Body to prioritize work on the revision of CDM methodologies applicable to activities transiting to the A6.4 mechanism.
	AM0026: Methodology for zero-emissions grid-connected electricity generation from renewable sources in Chile or in countries with merit order-based dispatch grid							Input	SBM meeting in 2027	
	AMS-III-AR.: Substituting fossil fuel-based lighting with more efficient lighting systems						Input	Launch call for public input	SBM meeting in 2027	

Table 2. Methodological Expert Panel workplan 2026 number of items ^(a)

Numbers of items	MEP 011	MEP 012	MEP 013	MEP 014	MEP 015	MEP 016	MEP 017
Input	10	8	10	2	0	8 6	6 10
Launch call for public input	2	2	1	6	3	0	2 0
Recommendation	3	3	1	2	0	9 7	4 3
Total	15	13	12	10	3	17 13	9 13

(a) Total of items 2026: **79**

Table 3. Legend

Legend	
Input	Input by the MEP on the draft documents (concept notes, standards, tools) for the Supervisory Body's consideration prepared by the MEP or by the MEP and the secretariat jointly (based on the mandate from the Supervisory Body).
Launch call for public input	The MEP considers the draft documents and launches the call for public input as per the procedure. ⁶
Recommendation	Recommendation to the Supervisory Body (final recommendation, e.g., approval or rejection of new/revised methodologies, tools, standardized baselines).

Table 4. Agenda items on which the work is yet to be started by the Methodological Expert Panel

Agenda item	Mandates
Concept note: Taking account of policies and measures, and relevant circumstances	SB 010 meeting report, paragraph 33, annex 5: Refer to table 3 List of CDM methodologies and methodological tools prioritized for transitioning to the Article 6.4 mechanism.
Methodological tool: Default values for common parameters	
Concept note: Transboundary activities	
Tool for Determining the baseline efficiency of thermal or electric energy generation systems	
Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies	SBM 014 meeting report, paragraph 27.
Concept note: Potential issues arising from the funding of Article 6.4 activities	SBM 015 meeting report, paragraph 39 (c).
Methodological tool: Investment analysis	SBM 019 meeting report, paragraph 7 (b): to annually incorporate the most recent data into the table for the cost of equity in its Appendix; and requesting to assess whether the country-

⁶ Procedure: Development, revision and clarification of methodologies and methodological tools (A6.4-PROC-METH-001) available at: <https://unfccc.int/sites/default/files/resource/A6.4-PROC-METH-001.pdf>.

Agenda item	Mandates
	specific default values for the cost of equity could be differentiated between sectors or types of mitigation activities.
Standard: Setting the baseline in mechanism methodologies	SBM 016 meeting report, paragraph 30 : Further elaboration on some elements of the standard. SBM 022 meeting report, paragraph 21 : Reflect the approach used for relative downward adjustment applied in the "Mechanism methodology: Electricity generation from renewable sources connected to an electricity system" in a future revision of the "Standard: Setting the baseline in mechanism methodologies" (A6.4-STAN-METH-004).
Standard: Addressing leakage in mechanism methodologies	SBM 016 meeting report, paragraph 32 : Further elaboration of specific requirements paragraph 83 (f), paragraphs 85 (c) through (e) of the methodologies' standard.
Processing of simplified approaches for additionality	Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies paragraph 72 .
Methodological tool: Analysis of lock-in risk	SBM 021 meeting report paragraph 20 to include Article 6.4 activities involving retrofit, refurbishment and the addition of new components to existing facilities.
Methodological tool: Fraction of non-renewable biomass	SBM 021 meeting report paragraph 23 to: include default values for fraction of non-renewable (fNRB) for further countries; and conduct further analysis of the potential to apply the Modelling Fuelwood Saving Scenarios default scenarios version or user-defined scenarios version; and revise the methodological tool once new data and methods to calculate the fNRB become available and update the uncertainty estimates of the default values for fNRB not later than three years after initial adoption of the methodological tool.
AMS-III.Z: Fuel Switch, process improvement and energy efficiency in brick manufacture	Decision 20/CMA.7 paragraph 24 mandated the Supervisory Body to prioritize work on the revision of CDM methodologies applicable to activities transiting to the A6.4 mechanism.
AMS-I.L.: Electrification of rural communities using renewable energy;	
AMS-III.BB.: Electrification of communities through grid extension or construction of new mini grids	
AMS-I.C.: Thermal energy production with or without electricity	SB 010 meeting report, paragraph 33, annex 5 : Refer to table 3 List of CDM methodologies and methodological tools prioritized for transitioning to the Article 6.4 mechanism.
Tool for Determining the baseline efficiency of thermal or electric energy generation systems	
Tool on Project and leakage emissions from transportation of freight	SB 010 meeting report, paragraph 33, annex 5 : Refer to table 3 List of CDM methodologies and methodological tools prioritized for transitioning to the Article 6.4 mechanism.
Tool for Project and leakage emissions from biomass	

Agenda item	Mandates
Tool to calculate project or leakage CO ₂ emissions from fossil fuel combustion	
Mechanism methodology: Electricity generation from renewable sources connected to an electricity system" (A6.4-AMM-003)	SBM 022 meeting report, paragraphs 19 and 20 requested the MEP to review the methodology, as appropriate, taking into account the experience gained through the application, scientific analysis of activities undertaken under this methodology, improved data availability, and relevant methodological developments; including the common-practice assessment, the appropriateness of the applicable thresholds, restrictions and technology-specific provisions, and to recommend any revision of the methodology that may be warranted at a future meeting. In doing so, the MEP should consider whether greater differentiation among comparable activities, indicators, and thresholds could better reflect relevant technological, national, and market circumstances, while ensuring consistency, environmental integrity, and practical applicability, and to conduct further work on the GHG emissions from hydropower plants reservoirs and to make recommendations for the inclusion of provisions to estimate these emissions in the methodology.

Table 5. The list of proposed mechanism methodologies currently under the consideration of the Methodological Expert Panel

PMM number	Proposed mechanism methodologies (PMM)
A6.4-PMM001	Production of Ammonia through electrolysis of water, air separation and synthesis of hydrogen and nitrogen
A6.4-PMM002	N₂O abatement from nitric acid production
A6.4-PMM003	Pumped Hydro Storage and Supply of Electricity to the Grid
A6.4-PMM004	Comprehensive Lowered Emission Assessment and Reporting (CLEAR) Methodology for Cooking Energy Transitions
A6.4-PMM005	Savanna Fire Management (SFM)
A6.4-PMM006	Fertilizer production with renewables-based ammonia
A6.4-PMM007	Recovery and plasma-based destruction of residual HFCs remaining in ISO tank containers
A6.4-PMM008	Leak detection and repair in natural gas transmission and distribution systems
A6.4-PMM009	GHG emission reductions through shifting to a low-carbon navigation route for passenger vehicles
A6.4-PMM010	Partial substitution of fossil fuels by MSW in cement manufacture
A6.4-PMM011	Hydrogen production from electrolysis of water powered primarily by renewable electricity

Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
04.0	9 October 2026	SBM 023, Annex 3. Revision to incorporate the mandates received from the Supervisory Body during SBM 023 meeting.
03.0	30 July 2026	SBM 022, Annex 2. Revision to incorporate the mandates received from the Supervisory Body during SBM 022 meeting.
02.0	26 May 2026	The Supervisory Body took note of this updated document (See SBM 021 meeting report, para. 9).
01.0	20 February 2026	SBM 020, Annex 3. Initial adoption.

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