

A6.4-PROC-REGS-001

Procedure

Article 6.4 mechanism registry

Version 01.0



United Nations
Framework Convention on
Climate Change

TABLE OF CONTENTS	Page
1. INTRODUCTION	4
1.1. Background.....	4
1.2. Objective.....	5
2. SCOPE, APPLICABILITY, AND ENTRY INTO FORCE	5
2.1. Scope.....	5
2.2. Entry into force.....	5
3. TERMS AND DEFINITIONS	5
4. REGISTRY FUNCTIONS AND COMPONENTS	7
4.1. General.....	7
4.2. Functions	7
4.3. Account types	9
4.4. Account opening	10
4.4.1. Party accounts	10
4.4.2. Public and private entity holding accounts	10
4.5. Suspension, termination and reactivation of accounts	11
5. TRANSACTION PROCEDURE	12
5.1. General	12
5.2. Issuance and distribution	12
5.3. Transfers.....	14
5.3.1. General	14
5.3.2. First transfer.....	14
5.3.3. Retirement for use towards nationally determined contributions.....	15
5.3.4. Cancellation	15
6. POST-ISSUANCE AUTHORIZATION AND CHANGE OF AUTHORIZATION	16
6.1. Post-issuance authorization.....	16
6.2. Change of authorization.....	16
7. INTERACTION WITH OTHER SYSTEMS.....	17

8.	REPORTING AND TRANSPARENCY	19
8.1.	Publicly available information.....	19
8.2.	Party-specific information.....	20
9.	SECURITY OF THE REGISTRY	21
APPENDIX.	FEE SCHEDULE.....	22

1. Introduction

1.1. Background

1. The Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA), at its third session, adopted rules, modalities and procedures (RMPs) for the mechanism established by Article 6, paragraph 4, of the Paris Agreement (the Article 6.4 mechanism).¹
2. The RMPs define general functions of the registry for the Article 6.4 mechanism (hereinafter referred to as the mechanism registry).² The CMA, at the same session, requested the Supervisory Body of the Article 6.4 mechanism (SBM) to develop provisions for various processes necessary to operate the Article 6.4 mechanism, including those for the operation of the registry.³
3. The CMA, in decision 7/CMA.4, elaborated on the requirements for the mechanism registry, in terms of its form and functions, transaction procedure, and connection with the international registry.⁴
4. The CMA, in decision -/CMA.6 “Further guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement”, provided further requirements for the mechanism registry connection with the international registry, Party registries and the availability of the mechanism registry to all Parties.⁵ In decision -/CMA.6, “Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement”, the CMA also provided guidance on the authorization of internationally transferred mitigation outcomes⁶ which impact authorized Article 6.4 emission reductions (AERs) in the mechanism registry.

¹ Decision 3/CMA.3. “Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=29.

² Ibid. Including, but not limited to, sections V.H, V.J, V.K, VI, VIII and XI.B.

³ Decision 3/CMA.3. Paragraph 5(a). Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=25.

⁴ Decision 7/CMA.4 “Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex I. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=37.

⁵ Decision -/CMA.6. “Further guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Available at:
https://unfccc.int/sites/default/files/resource/cma2024_L16E.pdf#page=4.

⁶ Decision -/CMA.6. “Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Available at:
https://unfccc.int/sites/default/files/resource/CMA6_agenda%20item_15a_AUV.pdf (Advance unedited version).

1.2. Objective

5. The objective of the “Procedure: Article 6.4 registry” (hereinafter referred to as this procedure) is to set out key components and procedural steps and requirements relating to the functioning and the use of the registry.

2. Scope, applicability, and entry into force

2.1. Scope

6. This procedure describes the administrative steps to follow for Parties, public and private entities, the Supervisory Body and the United Nations Framework Convention on Climate Change (UNFCCC) secretariat for the issuance of A6.4ERs, the distribution, transfer, retirement and cancellation of A6.4ERs and certified emission reductions (CERs), as applicable, interactions of the mechanism registry with the international registry, and the reporting and public availability of the information and data generated by the mechanism registry.

2.2. Entry into force

7. This version of the procedure enters into force on 14 February 2025.

3. Terms and definitions

8. The following terms apply in this procedure:
 - (a) “Shall” is used to indicate requirements which must be followed;
 - (b) “Should” is used to indicate that among several possibilities, one course of action is recommended as particularly suitable;
 - (c) “May” is used to indicate what is permitted;
 - (d) “Party” means any Party to the Paris Agreement;
 - (e) “Participating Party” means a Party that has submitted an initial report in respect of their participation in the Article 6.4 mechanism;⁷
 - (f) “Participating Party registry” means the registry nominated as a Party’s registry in its initial report;⁸
 - (g) “Account holder” refers to a Party or an authorized entity that holds an account in the mechanism registry;

⁷ Decision -/CMA.6. “Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Paragraph 5. Available at: https://unfccc.int/sites/default/files/resource/CMA6_agenda%20item_15a_AUV.pdf (Advance unedited version).

⁸ Decision -/CMA.6. “Further guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Paragraph 17. Available at: https://unfccc.int/sites/default/files/resource/CMA_6_agenda%20item15b_AUV_2.pdf (Advance unedited version).

- (h) “AERs” refer to A6.4ERs that are authorized by the host Party of the Article 6.4 mechanism activity for which the A6.4ERs are issued, for use towards the achievement of nationally determined contributions (NDCs) of Parties and/or for other international mitigation purposes pursuant to paragraph 42 of the RMPs;
- (i) “MCUs” refer to A6.4ERs that are not specified as authorized for use towards the achievement of NDCs of Parties and/or for other international mitigation purposes pursuant to paragraph 29(b) of annex I to 7/CMA.4;⁹
- (j) A6.4ERs refer to AERs and MCUs collectively;
- (k) “CERs” refer to certified emission reductions issued under the clean development mechanism (CDM) under the Kyoto Protocol that are eligible for use towards achievement of an NDC and have been transferred from the CDM registry to the mechanism registry in accordance with paragraph 75(b) of the RMPs;¹⁰
- (l) “Registry administrator” is the secretariat in its role to maintain and operate the mechanism registry under the supervision of the Supervisory Body in accordance with paragraph 65 of the RMPs;¹¹
- (m) “International registry” refers to the international registry referred to in paragraphs 30–31 of annex to decision 2/CMA.3;¹²
- (n) “CARP” is the platform referred to in paragraph 25 of decision 2/CMA.3;¹³
- (o) “Activity cycle procedures” refers to the “Article 6.4 activity cycle procedure for projects” and the “Article 6.4 activity cycle procedure for programmes of activities” adopted by the Supervisory Body, as applicable;¹⁴
- (p) “Forwarding” refers to the movement of A6.4ERs from the pending account which is not a first transfer;

⁹ Decision 7/CMA.4 “Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex I, paragraph 29 b. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=41.

¹⁰ Decision 3/CMA.3 “Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex, section XI. B. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=39.

¹¹ Decision 3/CMA.3 “Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=37.

¹² Decision 2/CMA.3 “Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Annex, paragraph 30-31. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=15

¹³ Decision 2/CMA.3 “Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Annex, section VI, C. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=23.

¹⁴ Relevant regulations available here: <https://unfccc.int/process-and-meetings/bodies/constituted-bodies/article-64-supervisory-body/rules-and-regulations>.

- (q) “First transfer” refers to an action with respect to AERs that triggers the corresponding adjustment to the accounting of the host Party as referred to in paragraph 2 of the annex to decision 2/CMA.3;¹⁵
- (r) “Other transfer” or “transfer” refers to the movement of AERs, MCUs or CERs from an account which is not the pending account, unless that transfer is a first transfer as defined in (q) above;
- (s) “OMGE” refers to overall mitigation of global emissions;
- (t) “RMPs” is used to refer to the annex to Decision 3/CMA.3;¹⁶
- (u) “7/CMA.4” is used to refer to annex I to Decision 7/CMA.4;¹⁷
- (v) “6.2/CMA.6” is used to refer to Decision -/CMA.6.¹⁸

4. Registry functions and components

4.1. General

9. The registry administrator shall develop and maintain a transactional information system that supports the functioning of the registry in accordance with this procedure, with a view to automating its functions wherever possible to ensure the accurate and timely functioning of the registry.

4.2. Functions

10. Pursuant to paragraphs 27–28 of 7/CMA.4, the mechanism registry shall:
- (a) Take the form of a standardized electronic database and shall track A6.4ERs and CERs;
 - (b) Be consistent with the requirements for registries contained in the guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement and further relevant decisions of the CMA;
 - (c) Be hosted and maintained by the secretariat.

¹⁵ Decision 2/CMA.3 “Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Annex. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=15.

¹⁶ Decision 3/CMA.3 “Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=29.

¹⁷ Decision 7/CMA.4 “Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex I. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=37.

¹⁸ Decision -/CMA.6. “Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Available at:
https://unfccc.int/sites/default/files/resource/CMA6_agenda%20item_15a_AUV.pdf (Advance unedited version).

11. The registry shall track CERs transitioned from the CDM registry and two types of A6.4ERs: AERs and MCUs.
12. Each A6.4ER shall be indivisible and is equal to 1 tCO₂-e pursuant to paragraph 1(b) of the RMPs.¹⁹
13. Each A6.4ER tracked in the mechanism registry shall have uniquely identifying information that shall remain immutable throughout the lifetime of an A6.4ER, comprising:
 - (a) “UN01” to identify the mechanism registry as the issuing registry;
 - (b) The host Party identifier as per the common nomenclature of Parties;
 - (c) The Article 6.4 mechanism activity identifier as communicated in the issuance instruction by the Article 6.4 mechanism information system;
 - (d) The year when the greenhouse gas (GHG) emission reductions or net GHG removals occurred for which the A6.4ER is issued;
 - (e) The serial number of each A6.4ER, starting at 1 and unique within each combination of vintage year and activity.
14. Each MCU shall have a unique identifier, comprising:
 - (a) Uniquely identifying information in accordance with paragraph 13 above;
 - (b) “MCU” to identify the A6.4ER as an MCU;
 - (c) Identification of whether the MCU may be authorized post-issuance, as follows:
 - (i) “PI” to identify that the MCU can be authorized post-issuance;
 - (ii) “NPI” to identify that the MCU cannot, or can no longer be, authorized post-issuance.
15. Each AER shall have a unique identifier, comprising:
 - (a) Uniquely identifying information in accordance with paragraph 13 above;
 - (b) “CA0001” to identify the Article 6.4 mechanism as the cooperative approach according to the common nomenclature of Article 6.2 cooperative approaches;
 - (c) Its authorization, as follows:
 - (i) “N” to identify AERs authorized for NDC use;
 - (ii) “I” to identify AERs authorized for international mitigation purposes;
 - (iii) “O” to identify AERs authorized for other purposes;
 - (d) Its conditionality of authorization, as follows:
 - (i) “C” to identify AERs with additional conditions on their authorization;

¹⁹ Decision 3/CMA.3 “Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=29.

- (ii) “NC” to identify AERs with no additional conditions on their authorization.
16. The flag (“FT”) if the AER in question has been first transferred.
 17. If an AER has been first transferred, it shall be identified with “FT” in accordance with section 5.3.2 below.
 18. Each CER tracked in the mechanism registry shall have a unique identifier, comprising:
 - (a) Designation as a “CER”;
 - (b) Designation as “2020” to identify it as a pre-2021 emission reduction, identical for all CERs in the registry;
 - (c) The Kyoto Protocol serial number of the CER as transferred from the CDM registry.²⁰
 19. Each A6.4ER and / or CER shall be held in only one account in the mechanism registry at a time.

4.3. Account types

20. Pursuant to paragraph 32 of 7/CMA.4, the mechanism registry shall have the following account types:
 - (a) Pending account, to which all A6.4ERs shall be issued;
 - (b) Holding account, which may acquire A6.4ERs or CERs tracked in the registry;
 - (c) Share of proceeds for adaptation account, which receives A6.4ERs in accordance with paragraph 58 of the RMPs (SoP account);
 - (d) Account for the mandatory cancellation of A6.4ERs for OMGE in accordance with paragraph 59 of the RMPs (mandatory cancellation for OMGE account);
 - (e) Account for the voluntary cancellation of AERs for OMGE in accordance with paragraph 70 of the RMPs and paragraph 40 of 7/CMA.4;
 - (f) Retirement account for AERs used towards the achievement of NDCs;
 - (g) Retirement account for CERs used towards the achievement of the first or first updated NDC;
 - (h) Account for cancellation of AERs for other international mitigation purposes;
 - (i) Account for voluntary cancellation of AERs for other purposes;
 - (j) Account for voluntary cancellation of MCUs and CERs for other purposes;
 - (k) Account for administrative cancellation of A6.4ERs and CERs tracked in the registry for corrective actions and other purposes, as necessary;

²⁰ Decision 7/CMA.4 “Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex I, paragraph 19. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=39.

- (l) Holding account for the reversal risk buffer pool;
 - (m) Account for cancellation of A6.4ERs from the reversal risk buffer pool for reversal events.
21. Accounts shall be identifiable by unique account numbers, which shall be designated at either the establishment of the mechanism registry or the opening of accounts in accordance with this procedure, as applicable.

4.4. Account opening

22. The mechanism registry administrator shall open one account for each account type referred to in paragraph 20 above except for those referred to in paragraph 20(b) and (f)–(i) above.
23. The opening and maintenance of a holding account is subject to fees in accordance with the fee schedule contained in Appendix.

4.4.1. Party accounts

24. To open an account, a Party needs to designate a representative who assumes the authority and responsibility for all actions regarding the account. Parties shall nominate their representative on the UNFCCC dedicated interface via their UNFCCC designated nominated representative.
25. Any Party may open its own holding account referred to in paragraph 20(b) above by submitting a request for opening such account through the dedicated interface on the UNFCCC website. The mechanism registry administrator will treat Party account holders as having considered all rules and regulations related to the registry, and any other information provided to them with respect to the registry, prior to opening an account.
26. Any Party may open its own account(s) for retirement and/or for cancellation for other international mitigation purposes and for other purposes referred to in paragraph 20(f)–(i) above in the mechanism registry by submitting a request for opening such account(s) through a dedicated interface on the UNFCCC website, which shall include specifying the types of A6.4ERs and/or CERs that may be transferred into the account, as applicable.²¹

4.4.2. Public and private entity holding accounts

27. The mechanism registry shall open a holding account for public and private entities that are activity participants, in accordance the Letter of Authorization provided by their authorizing Party.
28. Public and private entities may, subject to the acceptance of any applicable terms and conditions for entity account holders, the identity verification processes of the mechanism registry,²² and the authorization from a Party in accordance with paragraph 29 below, open its own holding account by submitting a request for opening such account through the dedicated interface on the UNFCCC website.

²¹ Parties may only open the accounts listed in 20 1(f)1(h)1(i) above if they have fulfilled sections II and IV of decision 2/CMA.3 in respect to its participation in the mechanism registry.

²² Which shall include “Know your customer” measures developed for the mechanism registry.

29. Opening a holding account(s) in the mechanism registry for a public or private entity shall be authorized by the Party specified in the request for opening the holding account for accounting purposes. Upon receipt of a request for a holding account from a public or private entity, the registry administrator shall inform the Party of receipt of such request and request the Party to authorize or reject the opening of a holding account through a dedicated interface on the UNFCCC website. Upon authorization of the requesting public or private entity by the specified Party and the acceptance of any applicable terms and conditions for entity account holders and receipt of the account opening fee from the requesting entity, the registry administrator shall open the requested holding account associated with the Party that authorized opening the account.²³
30. Each holding account may only be authorized by one Party. Public and private entities may be account holders of multiple holding accounts each authorized by different Parties.
31. Public or private entities wishing to open an account within the mechanism registry shall designate a representative who assumes the authority and responsibility for all actions regarding the account in accordance with this procedure, all rules and regulations relating to the mechanism registry and any applicable terms and conditions for entity account holders.

4.5. Suspension, termination and reactivation of accounts

32. A Party, or public or private entity, having a holding account, retirement account and/or account for cancellation of AERs and CERs referred to in paragraph 20(b) and (f)–(i) above, as applicable, may request the registry administrator to suspend, reactivate or terminate its account(s) at any time via the dedicated interface on the UNFCCC website.
33. A Party may request the registry administrator to suspend, reactivate or terminate any of the holding accounts of public or private entities that it had authorized to open in the registry at any time via the dedicated interface on the UNFCCC website.
34. If a holding account is requested for termination, and if it still contains A6.4ERs and/or CERs, the registry administrator shall arrange for the transfer of the remaining A6.4ERs and/or CERs in accordance with the instructions provided by the account holder when opening the account or while the account was active.
35. The registry administrator shall suspend an account in the mechanism registry if:
 - (a) It finds irregularity in the operation or use of the registry which reasonably requires the account to be suspended;
 - (b) The account holder has breached, or is reasonably expected to have breached, any applicable terms and conditions for entity account holders and determines suspension of the account is appropriate;
 - (c) The account holder's authorizing Party requests the registry administrator to suspend the account, pursuant to paragraph 33 above.

²³ Authorized entity accounts shall be opened and maintained pursuant to the authorizing Party's fulfilment of sections II and IV of decision 2/CMA.3, unless otherwise advised by the authorizing Party.

36. The registry administrator shall reactivate an account in the registry if:
- (a) The irregularity in the operation or use of the registry is resolved, if applicable pursuant to paragraph 35(a) above;
 - (b) The account holder's breach, or suspected breach, of the terms and conditions for entity account holders has been satisfactorily resolved and the registry administrator determines reactivation of the account is appropriate, if applicable pursuant to paragraph 35(b) above;
 - (c) The account holder's authorizing Party requests the registry administrator to reactivate the account, if applicable pursuant to paragraph 35(c) above.
37. The registry administrator shall terminate an account in the mechanism registry if:
- (a) The account holder has breached, or is reasonably suspected to have breached, the terms and conditions for entity account holders and determines termination of the account is appropriate;
 - (b) The account holder's authorizing Party requests the registry administrator to terminate the account, pursuant to paragraph 33 above.

5. Transaction procedure

5.1. General

38. In accordance with best practices for operating registries, actions undertaken by users in the registry will process automatically when they are made, provided all requirements for the action are met. Users are solely responsible for ensuring their transaction details are correct at the point of transfer. Transfers in the registry are final, and the registry administrator does not warrant that transfers can be reversed.
39. Transactions will be recorded in the mechanism registry in Coordinated Universal Time (UTC).

5.2. Issuance and distribution

40. Upon approval of a request for issuance of A6.4ERs by the Supervisory Body in accordance with the activity cycle procedure, the registry administrator will receive an issuance instruction.²⁴ containing the specification and quantity of A6.4ERs to be issued, and the contact details of the activity participant's focal points, as provided in their modalities of communication.²⁵

²⁴ The issuance instruction is automatically communicated from the Mechanism Information System and delivered to the registry administrator. The issuance instruction shall contain all data fields necessary to form the unique identifier of A6.4ERs to be issued and the modalities of communication with activity participants on matters related to issuance and distribution.

²⁵ Provided in accordance with the "Procedure: Article 6.4 activity cycle procedure for projects" (A6.4-PROC-AC-002). Available at: <https://unfccc.int/sites/default/files/resource/A6.4-PROC-AC-002.pdf>

41. The registry administrator shall review the issuance instruction for completeness, and if the instruction is complete, shall enter the final approval of issuance in the registry, which shall trigger the following automated actions:
- (a) The focal points are notified of the final approval of issuance;
 - (b) A request is sent to the focal points to complete the distribution form,²⁶ specifying the accounts to which the A6.4ERs shall be distributed upon issuance;
 - (c) Unless the host Party is a least developed country or a small island developing State using the exemption from the share of proceeds for adaptation pursuant to paragraph 20 of Decision -/CMA.6, “Further guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement”^{27,28} the registry shall issue and immediately forward 5 per cent of the issued A6.4ERs to the SoP account;
 - (d) The registry shall issue and immediately forward 2 per cent of the issued A6.4ERs to the mandatory cancellation for OMGE account;
 - (e) If the A6.4ERs forwarded in accordance with (c) and (d) above are authorized²⁹, they shall be issued as AERs and, upon forwarding to the SoP account and the mandatory cancellation for OMGE account, the respective AERs shall be marked as first transferred;
 - (f) If the A6.4ERs are not authorized, they shall be issued as MCUs.
42. The registry shall automatically issue the A6.4ERs into the pending account and immediately forward them according to the distribution instruction, upon receipt of the distribution form.³⁰ Activity participants may submit the distribution form for partial issuance and distribution of the total A6.4ERs approved for issuance by the registry administrator.
43. If the registry administrator’s review referred to in paragraph 41 above finds the issuance instruction to be incomplete, the automated actions provided in paragraph 41(a)-(f) above shall not proceed, and the registry administrator shall notify the focal points as appropriate.

²⁶ To be developed and provided for automated submission in the mechanism registry.

²⁷ Decision -/CMA.6. “Further guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement”. Available at:
https://unfccc.int/sites/default/files/resource/cma2024_L16E.pdf#page=4 (Advance unedited version).

²⁸ Communicated through their activity approval in accordance with the section 4.4 of the “Procedure: Article 6.4 activity cycle procedure” (A6.4-PROC-AC-002). Available at:
<https://unfccc.int/sites/default/files/resource/A6.4-PROC-AC-002.pdf> or section 4.4 of the “Procedure: Article 6.4 activity cycle procedure for programmes of activities” (A6.4-PROC-AC-003). Available at:
<https://unfccc.int/sites/default/files/resource/A6.4-PROC-AC-003.pdf>

²⁹ A statement of authorization has been provided in accordance with the activity cycle procedures, which authorizes the respective A6.4ERs.

³⁰ Activity participants should note that post-issuance authorization is only possible for MCUs distributed to, and still held by the account[s] of the activity participants.

44. If any of the accounts to which the A6.4ERs are to be distributed are suspended, terminated, not valid, or not authorized to receive the A6.4ERs proposed for distribution to the account, the issuance shall not proceed and the registry administrator shall notify the focal points as appropriate.

5.3. Transfers

5.3.1. General

45. A Party, or public or private entity, that has its own holding account in the mechanism registry may, through a dedicated interface on the UNFCCC website, transfer the A6.4ERs and/or CERs in its holding account to other account(s), specifying at a minimum:
- (a) The unit type(s)³¹ for transfer, as applicable;
 - (b) The amount of units for transfer for each unit type, with a series of unique identifiers of the units;
 - (c) The destination account(s).
46. The registry administrator shall transfer the units in accordance with the specifications in the transfer request.

5.3.2. First transfer

47. In accordance with decision 2/CMA.3³² and decision 6/CMA.4,³³ the first transferring Party must specify how it defines first transfer, which is to be provided in accordance with the activity cycle procedures.
48. AERs shall be identified with their first transfer status in addition to their unique identifier in accordance with section 4.2 above. In accordance with section 8 below, the first transfer status of AERs shall be streamed on the UNFCCC website and included in the reports to designated national authorities (DNAs) referred to in paragraph 76. This may be utilized by Parties for the purposes of paragraph 13 of 6.2/CMA.6.³⁴
49. AERs shall be identified as first transferred at the earlier of:
- (a) When a forward to the holding account of the Adaptation Fund or a cancellation account for OMGE takes place;

³¹ AERs, MCUs and / or CERs.

³² Decision 2/CMA.3 "Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Annex, paragraph 30-31. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=15.

³³ Decision 6/CMA.4 "Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=2.

³⁴ Decision -/CMA.6. "Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Available at:
https://unfccc.int/sites/default/files/resource/CMA6_agenda%20item_15a_AUV.pdf (Advance unedited version).

- (b) When an international transfer takes place via:
 - (i) The transfer of the AER from an account held by or authorized by one Participating Party to an account held by or authorized by another Participating Party;
 - (ii) The transfer of the AER to account for cancellation of AERs for international mitigation purposes, as referred to in paragraph 20(h) above;
 - (iii) The transfer of the AER to account for cancellation of AERs for other purposes, as referred to in paragraph 20(h) above, or;
 - (c) The authorizing Participating Party of the AER's definition of first transfer deems the AER to have been first transferred.
50. If a Party defines first transfer at the point of authorization or the point of issuance, the affected AERs shall be identified as 'first transferred' immediately upon issuance in the mechanism registry.

5.3.3. Retirement for use towards nationally determined contributions

51. A Participating Party, and public or private entities if authorized to do so, may transfer AERs from its holding account to its retirement account of the applicable NDC period.
52. A Party, and public or private entities if authorized to do so, may transfer CERs from its holding account to its retirement account for CERs for use towards first or first updated NDC.

5.3.4. Cancellation

53. A Party, or public or private entity authorized by a Participating Party, having a holding account in the registry may transfer AERs from its holding account to the account for voluntary cancellation for OMGE in the mechanism registry referred to in paragraph 20(e) above.
54. A Participating Party, or public or private entity authorised by a Participating Party, having a holding account in the mechanism registry may transfer AERs in its holding account to the account for cancellation of AERs for international mitigation purposes referred to in paragraph 20(h) above if the Participating Party has opened the latter account in the registry.
55. A Participating Party, or public or private entity authorised by a Participating Party, having a holding account in the mechanism registry may transfer AERs in its holding account to the account for voluntary cancellation of AERs for other purposes in the registry referred to in paragraph 20(i) above if the Participating Party has opened the latter account in the registry.
56. A Party, or public or private entity, having a holding account in the mechanism registry may transfer MCUs and CERs in its holding account to the account for voluntary cancellation of MCUs and CERs in the registry referred to in paragraph 20(j) above.
57. The A6.4ERs and CERs transferred to a cancellation account in accordance with this section shall not be further transferred or used for any other purpose, including towards the achievement of any NDC or for other international mitigation purposes.

6. Post-issuance authorization and change of authorization

58. Where a Party submits a post-issuance authorization, or a change of authorization in accordance with the activity cycle procedures,³⁵ any invalidity must be resolved before the registry administrator will action the post-issuance authorization in the registry.

6.1. Post-issuance authorization

59. If a Party submits a post-issuance authorization of issued MCUs in accordance with the activity cycle procedures the mechanism registry shall automatically check to confirm that the conditions related to providing a post-issuance authorization of the affected MCUs are satisfied.³⁶
60. If it is confirmed that the conditions referred to in paragraph 59 above are satisfied, the mechanism registry administrator shall:
- (a) Track and change the authorization status of the affected MCUs to AERs;
 - (b) Track the MCUs that were forwarded to the SoP account and change them from MCUs to AERs and distinguish them as first transferred in accordance with section 5.3.2 above;
 - (c) Track the MCUs that were forwarded to the mandatory cancellation for OMGE account and change them from MCUs to AERs and distinguish them as first transferred in accordance with section 5.3.2 above.
61. If the mechanism registry's check (referred to in paragraph 59 above) identifies the conditions related to providing a post-issuance authorization of the affected MCUs are not satisfied, the secretariat shall communicate this to the host Party.

6.2. Change of authorization

62. If a Party submits a change of authorization statement in accordance with activity cycle procedures with respect to issued A6.4ERs, and the affected A6.4ERs are held in the mechanism registry, the mechanism registry administrator shall automatically check to confirm that the conditions related to providing a post-issuance change of authorization of the affected A6.4ERs are satisfied.³⁷
63. If it is confirmed that the conditions referred to in paragraph 62 above are satisfied, the mechanism registry administrator shall:
- (a) Track the A6.4ERs affected by the change of authorization and held in the activity participant accounts, and change their authorization in accordance with the change of authorization;

³⁵ For example, a Party provides a post-issuance authorization which updates MCUs in the registry to AERs, but the accounts which hold the affected MCUs are not authorized to hold AERs.

³⁶ Conditions referred to in the activity cycle procedures.

³⁷ Conditions referred to in the activity cycle procedures

- (b) Track the A6.4ERs that were forwarded or first transferred, as applicable, to the SoP account and change their authorization;
 - (c) Track the A6.4ERs that were forwarded or first transferred, as applicable, to the mandatory cancellation for OMGE account and change their authorization.
64. If the mechanism registry's check (referred to in paragraph 62 above) identifies the conditions related to providing a post-issuance change of authorization of the affected A6.4ERs are not satisfied, the secretariat shall communicate this to the host Party.

7. Interaction with other systems

65. The mechanism registry shall interact with the following systems at a minimum, as required for its operation:
- (a) The CARP;
 - (b) The international registry;
 - (c) The CDM registry;
 - (d) Participating Parties' registries;
 - (e) The Article 6.4 mechanism information system;
 - (f) The United Nations Enterprise Resource Planning System.
66. Regarding the interaction with the international registry, pursuant to paragraph 49 of 7/CMA.4 and paragraph 23 of annex I to decision 6/CMA.4,³⁸ the mechanism registry shall be connected to the international registry. The connection shall:
- (a) Allow for automated pulling and viewing of data and information on holdings and the action history of AERs for use by Parties participating in the Article 6.4 mechanism that have an account in the mechanism registry and, in accordance with paragraph 17 of decision -/CMA.6,³⁹ enable the transfer of AERs to the international registry, consistent with the interoperability arrangements applicable to all registries described in decision 6/CMA.4, annex I, section I.B,⁴⁰ and supporting the execution of functions listed in decision 2/CMA.3, annex, paragraph 29;⁴¹

³⁸ Decision 6/CMA.4 "Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Annex I, paragraph 23. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=10.

³⁹ Decision -/CMA.6. "Further guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement." Paragraph 17. Available at:
https://unfccc.int/sites/default/files/resource/cma2024_L16E.pdf#page=4 (Advance unedited version).

⁴⁰ Decision 6/CMA.4 "Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Annex I, section I.B. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=9.

⁴¹ Decision 2/CMA.3 "Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Annex, paragraph 29. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=15.

- (b) Enable the functions referred to in paragraphs 9–10 of annex I to decision 6/CMA.4.⁴²
67. Regarding the interaction with the CDM registry:
- (a) Pursuant to paragraph 75(b) of the RMPs⁴³, the registry shall be able to receive data from the CDM registry for the purpose of transferring CERs;
 - (b) Pursuant to paragraph 18 of 7/CMA.4⁴⁴ the transfer data received by the mechanism administrator shall include the full serial numbers of the eligible CERs and the identification of the receiving account. All transfer data shall be subject to a reconciliation process to be developed and implemented by the registry administrators of the two registries (the secretariat). Pursuant to paragraph 19 of 7/CMA.4⁴⁵, the registry administrator shall check the transfer data received from the CDM registry and shall record transferred eligible CERs in the receiving accounts as communicated by the CDM registry administrator;
 - (c) Pursuant to paragraph 20 of 7/CMA.4⁴⁶, the mechanism registry may continue to receive transfers of CERs from the CDM registry until a date to be determined by the CMA.

⁴² Decision 6/CMA.4 “Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Annex I, paragraphs 9-10. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=10.

⁴³ Decision 3/CMA.3 “Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=29.

⁴⁴ Decision 7/CMA.4 “Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex I, paragraph 18. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=39.

⁴⁵ Ibid., paragraph 19.

⁴⁶ Decision 7/CMA.4 “Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex I, paragraph 19. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=39.

68. Regarding the interaction with participating Parties' registries, pursuant to paragraph 17 of decision -/CMA.6,⁴⁷ participating Parties' registries referred to in paragraph 29 of the annex to decision 2/CMA.3⁴⁸ may voluntarily connect to the mechanism registry, and the connection shall enable the transfer of AERs, consistent with decision 6/CMA.4, annex I, paragraphs 9–10, while ensuring the avoidance of double-counting consistent with decision 6/CMA.4,⁴⁹ annex I, paragraph 18, and the ability to pull and view data and information on holdings and the action history of AERs.
69. Regarding the interaction with the CARP, pursuant to paragraph 46 of annex I to decision 7/CMA.4, the interaction shall enable the synchronization of common nomenclatures, the automated prefilling of the agreed electronic format, and other quantitative information requirements pursuant to chapter IV (Reporting) of the annex to decision 2/CMA.3.⁵⁰
70. The registry administrator shall manage the data exchange between the mechanism registry and other systems in accordance with standards and recommended practices to be developed in accordance with decision 6/CMA.4.⁵¹

8. Reporting and transparency

8.1. Publicly available information

71. Pursuant to paragraph 48 of annex I to 7/CMA.4,⁵² the registry administrator shall make non-confidential information relating to the activities of the mechanism registry publicly available and provide a publicly accessible interface on the UNFCCC website.

⁴⁷ Decision -/CMA.6. "Further guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement." Available at: https://unfccc.int/sites/default/files/resource/cma2024_L16E.pdf#page=4 (Advance unedited version).

⁴⁸ Decision 2/CMA.3 "Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Annex, paragraph 29. Available at: https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=15.

⁴⁹ Decision 6/CMA.4 "Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Annex I, paragraph 18. Available at: https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=10.

⁵⁰ Decision 2/CMA.3 "Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Available at: https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=15.

⁵¹ Decision 6/CMA.4 "Matters relating to cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement." Available at: https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=2.

⁵² Decision 7/CMA.4 "Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement." Annex I, paragraph 48. Available at: https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=39.

72. The mechanism registry shall stream information on the activities of the registry to the public on the dedicated interface on the UNFCCC website in real time. This information shall include the information on, at minimum:
- (a) The total amount of AERs and MCUs issued; AERs first transferred; AERs, MCUs and CERs cancelled mandatorily and voluntarily by cancellation type and purpose; and AERs and CERs retired in the reporting period and the accumulated amount since the beginning of the first report;
 - (b) The amount of AERs, MCUs and CERs in each holding account by vintage year, their authorization, and their first transfer status, as applicable.
73. The registry administrator shall prepare:
- (a) Input to the annual report of the Supervisory Body to the CMA regarding the activities of the mechanism registry;
 - (b) Input to the annual report of the secretariat to the CMA on the infrastructure, as per paragraph 36(c) of the annex to decision 2/CMA.3.⁵³
74. Party-specific information (see section 8.2 below) shall also be made available on the publicly accessible interface on the UNFCCC website.

8.2. Party-specific information

75. Pursuant to paragraph 46 of 7/CMA.4⁵⁴ the registry administrator shall, for each Participating Party, prepare the automatic prefilling of the agreed electronic format and of other quantitative information requirements pursuant to section IV (Reporting) of the annex to decision 2/CMA.3⁵⁵ in relation to AERs and the creation of records of internationally transferred mitigation outcomes in the accounts of the international registry so as to enable tracking pursuant to chapter VI.A (Tracking) of the annex to decision 2/CMA.3.⁵⁶ This information shall be delivered to the CARP in accordance with section 7 above.

⁵³ Decision 2/CMA.3 “Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Annex, paragraph 36 c). Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=24.

⁵⁴ Decision 7/CMA.4 “Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement.” Annex I, paragraph 46. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=39.

⁵⁵ Decision 2/CMA.3 “Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.” Annex, section IV. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=18.

⁵⁶ Ibid. section VI.A. Available at:
https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf#page=22.

76. Pursuant to paragraph 47 of 7/CMA.4,⁵⁷ the registry administrator shall produce and disseminate monthly reports to the DNAs of Parties participating in the Article 6.4 mechanism on the holdings and transaction history, including the first transfer status of AERs, in relation to the accounts and transactions associated with the respective Parties.⁵⁸

9. Security of the registry

77. The mechanism registry will be developed and operated according to best practice standards for registries, including in relation to its security and accessibility.
78. The registry administrator will occasionally need to undertake maintenance on the mechanism registry to ensure it remains secure and continues to operate in accordance with best practice. During these times, access to the registry will be suspended for all (or all affected) users. Where possible, the registry administrator will provide reasonable notice for any periods when access to the registry is planned to be suspended.
79. The mechanism registry is provided to all users, on an 'as-is' basis, and the registry administrator does not provide any warrant that it will be free from any viruses, malicious software and glitches; or that the information displayed is correct or complete; or that the information has not been changed through malicious attacks or any other unauthorized third-party intervention.
80. Account holders are responsible for protecting their account login details from misuse or fraud and promptly reporting any suspicious behaviour or functionality to the registry administrator via the dedicated interface on the UNFCCC website. If an account holder believes its account has been wrongfully accessed, it should contact the registry administrator as soon as possible via the dedicated interface on the UNFCCC website or other official communication channels.
81. If the registry administrator suspects there has been a breach of IT security, or a serious security risk threatens the integrity of the system, it will suspend all access to the mechanism registry. Account holders will be notified via the contact details of their authorized representatives.

⁵⁷ Decision 7/CMA.4 "Guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement." Annex I, paragraph 47. Available at:
https://unfccc.int/sites/default/files/resource/cma2023_10a02E.pdf#page=39.

⁵⁸ Decision -/CMA.6. "Further guidance on the mechanism established by Article 6, paragraph 4, of the Paris Agreement." Paragraph 14 (b). Available at:
https://unfccc.int/sites/default/files/resource/cma2024_L16E.pdf#page=3 (Advance unedited version).

Appendix. Fee schedule

1. The following fees shall apply to account holders of the registry for the mechanism established by Article 6, paragraph 4, of the Paris Agreement:
 - (a) An account opening fee for all accounts opened:
 - (i) USD 500 for the first account opened by an account holder;
 - (ii) USD 800 for the second and each subsequent accounts opened by an account holder;
 - (b) An annual account maintenance fee of USD 400 for each account;
 - (c) Connection and initialization fees for all connecting Party registries at a level to be determined.
2. The following exemptions shall apply:
 - (a) Account holders which are also activity participants shall be exempt from the account opening fee for the first account associated with each authorizing Party that they open (see para. 1(a) above);
 - (b) Account holders shall be exempt from their account maintenance fee (see para. 11(b) above) if they opened the respective account within the past 12 months;
 - (c) Party account holders shall be exempt from all fees.

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