

# Article 6.4 Mechanism Registry

## Technical Demonstration

### *Minimum Viable Product (MVP)*

**Virtual webinar**

13 May 2026



## Article 6.4 | Paris Agreement Crediting Mechanism

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### Multilateral Mechanism under the Paris Agreement

PACM is the Paris Agreement's new baseline-and-credit system. It is multilaterally governed, open to both public and private sector actors, and directly overseen by a Supervisory Body appointed by CMA.



### Units of trade

A6.4ERs authorized for international transfer (ITMOs, requiring corresponding adjustments) and MCUs for voluntary and domestic use, giving Parties and private sector a structured and standardized entry point for each pathway.



### Paris Aligned

Designed from the ground up around NDCs. Every element, from authorization to cancellation, is structured to support NDC implementation and ambition and host country sustainable development goals with utmost integrity and equitable sharing of benefits



## Value Proposition: Paris Agreement Crediting Mechanism

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### **Mobilize climate finance and technology**

Registered mitigation activities hosted by any Party generate units that unlock international investment, technology transfer, and carbon payments — flowing resources toward domestic mitigation and sustainable development goals.

### **MCUs bend the emissions curve domestically**

Non-authorized MCUs contribute directly to host Party NDC achievement, no corresponding adjustment required. They support results-based climate finance, domestic carbon pricing, and price-based measures while keeping the mitigation benefit inside the country.

### **National ownership and control**

Authorization of individual A6.4ERs for international transfer rests with the host Party. Parties decide which units cross borders and which stay home, the architecture preserves national discretion within a multilaterally agreed framework.



# Value Proposition: Paris Agreement Crediting Mechanism

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## Integrity by design

Multi-layer validation through accredited DOEs, Secretariat review, and Supervisory Body oversight.

Conservative baselines, additionality requirements, leakage prevention, and mandatory safeguards are built into the rules — not optional add-ons.



## Global Benchmark

Robust environmental and social safeguards, comprehensive stakeholder consultation, appeals and grievance processes, and robust standards and methodologies set a new standard for what a carbon credit can and should represent.



## Raises climate ambition

Enables host countries to access investment for harder-to-reach mitigation. Allows buyer countries to lower compliance costs through ITMOs.

Revenues flow back to fund further mitigation, with embedded voluntary cancellations and contributions to adaptation and OMGE.



# Mechanism Registry



- **Article 6.4 mechanism registry**
  - ✓ Functions as the registry for A6.4 emission reductions (A6.4ERs) and eligible CERs;
  - ✓ Performs core lifecycle functions and supports the mechanism;
  - ✓ Support for AEF Generation
- **Article 6.2 international registry and the ARS**
  - ✓ Provides registry services for Parties without national registries;
  - ✓ Performs required tracking and recording functions;
  - ✓ Support for AEF Generation



## Article 6.4 Mechanism Registry

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### Track units across its lifecycle

From issuance through authorization, transfer, acquisition, use, and cancellation — the registry records every action on every A6.4ER and MCU. This end-to-end audit trail is what makes corresponding adjustments enforceable and double-counting structurally impossible.



### Transparency

All unit actions are recorded in structured form - visible to Parties, the Supervisory Body, and relevant stakeholders. The registry is not just an accounting tool; it is the public ledger that gives buyers, host countries, and regulators confidence.



### Enabling broad participation

The registry defines who can act and under what authority — Parties establish sections, authorize entities, and govern who performs which registry actions. This architecture enforces the principle that mitigation outcomes move only when Parties decide they should, preserving sovereign control within a shared infrastructure.



### System overview

- The Mechanism Registry is a standardized electronic **transactional system** established to track and manage the issuance, distribution, transfer, retirement, and cancellation of **Article 6.4 Emission Reductions (A6.4ERs)**. It is **maintained by the UNFCCC secretariat** and supports the implementation of Article 6.4 of the Paris Agreement.
- It has been developed consistent with CMA decisions, including the requirements for registries contained in decision 2/CMA.3.
- While the Mechanism Registry is under development, the secretariat is operating an interim registry solution and the MVP is being launched.



## Document framework

- Decisions 3/CMA.3, 7/CMA.4 and 6/CMA.6
- The Mechanism Registry operates according to the [Procedure: Article 6.4 Mechanism Registry](#).
- The [Terms and conditions](#) set out the legal basis on which the secretariat makes the Mechanism Registry available to entities (including activity participants).
- Until the final Mechanism Registry is available, various forms have been developed for users to request actions in the interim registry solution.



## Timeline

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- MVP commenced in January and delivered in April 2026
- Secretariat and interested Parties test MVP
- Final mechanism registry delivered in Q4 of 2026



# Mechanism Registry Procedure Highlights



# Mechanism Registry Procedure – Key Highlights

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## 1. Registry Access & Account Authorization

- DNAs act as account authorities for Party accounts.
- May open holding, retirement, cancellation accounts as Parties.
- Approve account openings for public/private activity participants via LoA.
- Authorize public/private entities to open holding accounts in the A6.4 registry.
- May suspend, reactivate, or terminate accounts they authorized.

## 2. Issuance & Distribution Process

- Distribution instructions required to avoid accumulation of A6.4ERs in the pending account (risk: financial, operational, tax evasion, money laundering).
- SOP & OMGE levies issued automatically from pending account upon final approval; remaining A6.4ERs issued per distribution instruction.
  - -> DNAs may wish to monitor the issuance and distribution process and coordinate with activity participants and focal points to secure their interest.



## 3. Post-Issuance Authorization

- The mechanism registry automatically verifies whether the conditions for post-issuance authorization of issued MCUs are met.
- If they are, the registry updates the affected units to AERs and adjusts their status accordingly; if not, the secretariat informs the host Party.

## 4. Reporting and Fees

- DNAs receive **monthly registry reports** on Party-related holdings, transactions, and first-transfer status of AERs.
- **Fees:** The following fees shall apply to account holders
  - 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;
- Party account holders (DNAs) are exempt from all fees.
- Activity participants are exempt from account-opening fees for their first account and from maintenance fees for the first 12 months.



- ✓ <https://unfccc.int/process-and-meetings/the-paris-agreement/article-6/article-64-pacm/registry>



Rules and regulations relating to the Mechanism Registry:

<https://bit.ly/4kx6L8F>



# Minimum viable product (MVP)



# Minimum viable product (MVP)

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- Overview of the Mechanism Registry MVP

## Admin Portal

Registry Administrator actions:

- Create authorizations
- Issue and transfer units
- Open and close accounts

## Participant Portal

- Party and entities accounts for holding and transferring credits.



**MVP Exclusions:** Refined user interfaces, system integrations, detailed error messages, naming conventions, and production data are **not** yet included.



## Minimum viable product (MVP) - Benefits

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- Early hands-on to test concepts
- Helps in understanding how the system will work in the background
- Provide feedback which will be valuable as we move ahead to develop the full registry
- Helps in understanding the scenarios faced by the user

The MVP should **not** be treated as the final system or used for real-world production data

- **NOTE:** The KYCs conducted and accounts opened will be carried over to the final version and will help the secretariat time when the full registry is launched



### Party Users example:

- **Party- C (C Land)**

Logs into the *Participant portal* and sends units to Party “A’s ”  
(**AER+FT holding account**) which triggers a first transfer

- **Party – A (A Land)**

Logs into the *Participant portal* and then further proceeds to  
transfer into the IMP account

*Authorization rules applied*



## Contact us

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- Please contact us if you have any questions or your if Party wants to open an account.
- Contact us at [a6.4mechanism-registry@unfccc.int](mailto:a6.4mechanism-registry@unfccc.int)
- Please do let us know if you would like access to the MVP for testing purposes (Note that this is not a production system)



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# DISCUSSION



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## Useful Links

Expression of interest in Article 6 registries



Rules and regulations relating to the Mechanism Registry:  
<https://bit.ly/4kx6L8F>



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**Thankyou for joining!**



## Mechanism Registry Procedure – Fees schedule

Fee Type	Amount	Applies To	Notes
<b>Account Opening Fee –</b> First account	USD 500	Entity account holders	For the <b>first</b> account opened (Not Activity Participants)
<b>Account Opening Fee –</b> Subsequent accounts	USD 800	Entity account holders	Applies to <b>second and each subsequent</b> account
<b>Account Maintenance Fee</b>	USD 400/account/year	Entity account holders	Per account basis
<b>Connection and Initialization Fee</b>	To be determined	Party registries	For registries connecting to the Mechanism Registry

