United Nations Framework Convention on Climate Change

Intersessional work on Art. 6.4
Virtual technical workshop

Operation of the 6.4 mechanism registry

22 September 2022

UNFCCC Secretariat
Mitigation Division

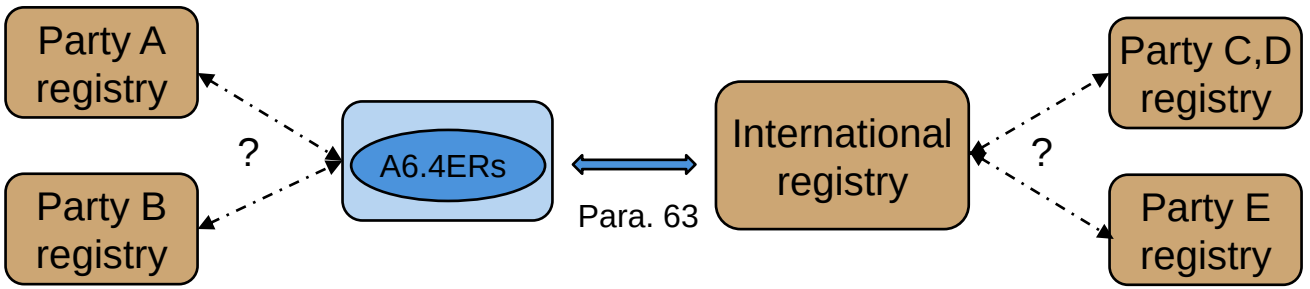
Approach

- Analysis of requirements in decision **3/CMA.3** and **2/CMA.3**
- Experience with **similar processes** under the Kyoto Protocol and the CDM registry
- Knowledge on registry systems

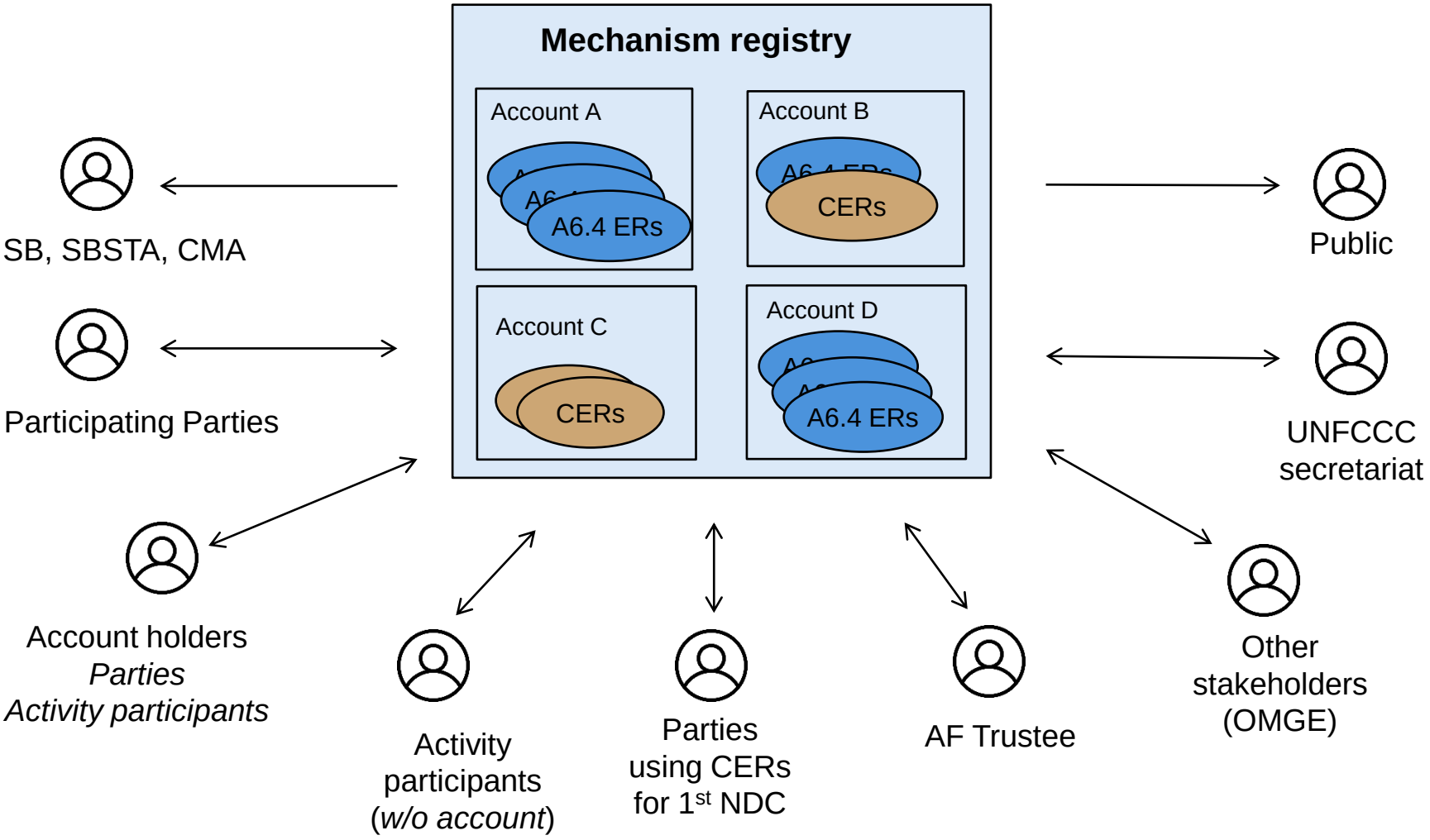
Read in conjunction with:

- SBSTA technical paper on **options for operationalizing the guidance** on cooperative approaches referred to in Article 6.2 (reporting and infrastructure sections)
- SBSTA technical paper on **use of CERs towards first NDC**
- SBSTA technical paper on processes necessary for the **delivery of OMGE**
- SBI technical paper on process for **CDM registry to transfer CERs to the Art. 6.4 registry** (*pending publication*)

Scope of operation

TRACKING METHOD	**Serialized units**
UNIT TYPES	**Authorized A6.4ERs** that are ITMOs **A6.4ERs** that may not be authorized **CERs** from the CDM registry as per para. 75, annex, 3/CMA.3
SCOPE	Full unit **lifecycle** Tracking to a point in the unit's lifecycle *(clarify* **forwarding** *in para. 60)* Could activity participants "**trade**" units between accounts?
INTEROPERABILITY	

Users of the mechanism registry



Functions of the mechanism registry

Tracking of units

- Host Party: **ABC**
- Activity number: **XXXXX**
- Sector: **DEF**
- Activity type: **GHI**
- Vintage: **2022**
- Unit type: **A6.4ER**
- Serial range: **000001-000299**
- Quantity: **300 tCO2e**

Accounts

- Pending account
- Holding account
- SOP Adaptation account
- Vluntary/cancellation account
- Retirement account

Transactions

- Issuance
- Authorizations
- Forwarding OR First Transfer
- Cancellation and voluntary cancellation
- Retirement

Transactions with CERs

- Retirement
- Other ?

Procedure

The **registry operational procedure** will describe the general, operational and maintenance requirements of the registry:

- Definitions
- Roles of administrators
- Units, including unique identification
- Account types, account maintenance processes, account representatives and authentication processes, and terms for accounts
- User administration, segregation of duties, and other controls
- Transactions procedures
- Records management, public reports and confidentiality of information
- Fees structure
- Interoperability with other registries and systems for data exchange
- Technical provisions and requirements

To be developed by the SB

Reporting and publicly accessible information

The mechanism registry will support the production of reports:

- For each **participating Party** to:
  - Fulfil quantitative reporting obligations under Article 6.2
  - Information needs in relation to unauthorized A6.4ERs
- For the Trustee of the **Adaptation Fund**
- For **account holders**
- **Public reports**
  - Disaggregated voluntary cancellation
  - Cancellation for OMGE

High level design

A scalable and flexible mechanism registry should have the following characteristics:

- In line with any recommended high-level design for **Art.6.2 registries**
- User management, access control and cyber **security**
- User-friendly **web interface**
- Robust **data model**
- **Adaptative software development**
- **Business continuity** and **maintenance plan**
- Customized **reporting system**
- High-level of **interoperability**