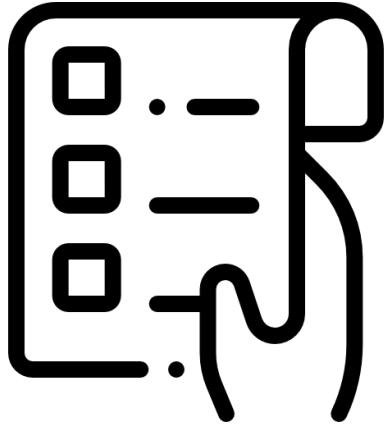# Guidance on cooperative approaches referred to in Article 6, paragraph 2 of the Paris Agreement
Infrastructure

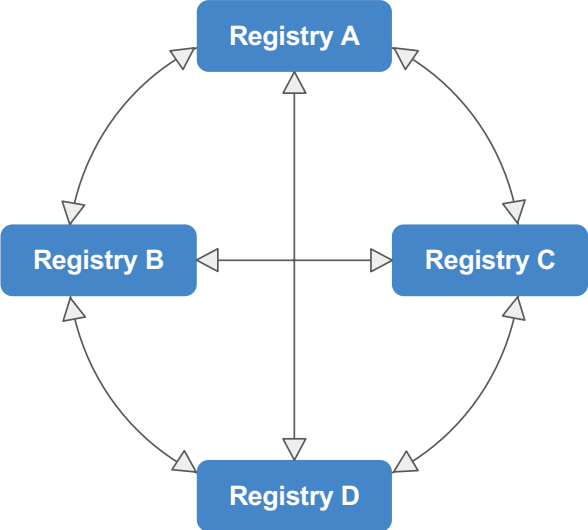**SBSTA virtual workshop, September 2022**
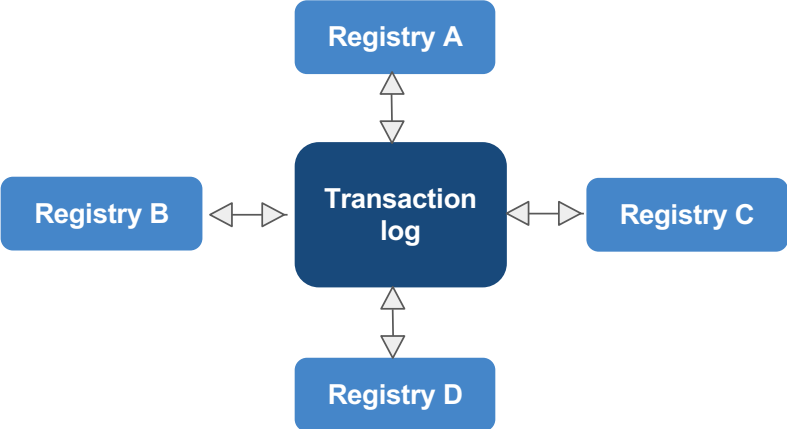
Secretariat

- **TACCC**

- **Traceability**

- **Interest of stakeholders**

- **Design principles**

- **Efficiency and cost-effectiveness**
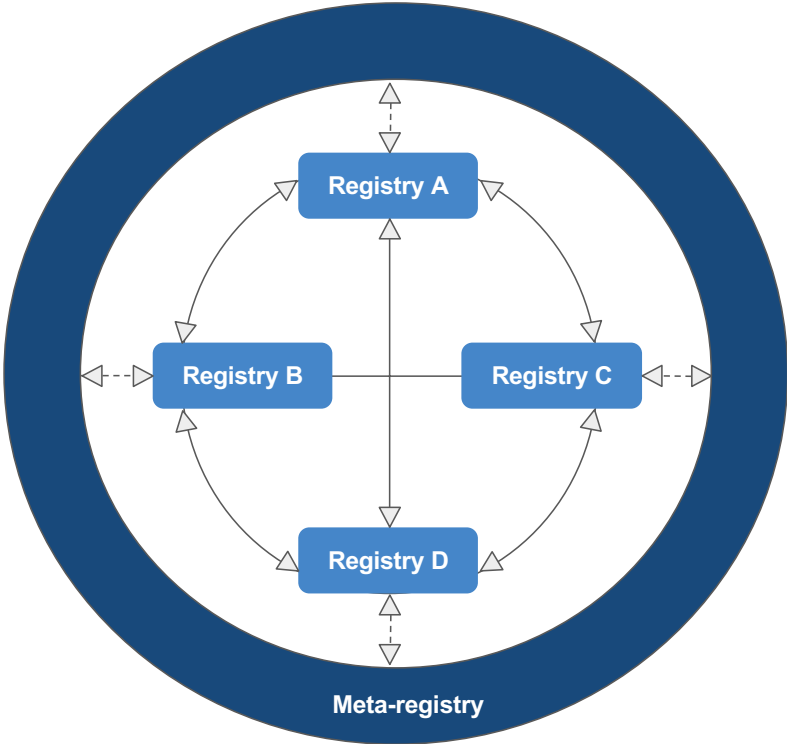
- **Flexibility**

- **Continuous improvement**

Infrastructure: Consistency Guarantees – *Section III.C*

Point-to-point

Transaction log as gateway

Meta-registry as advisory

Infrastructure: Recording and Tracking ITMOs - *Section III.D*

Methods for recording and tracking ITMOs

Serialized units

- Host Party: **ABC**
- Sector: **DEF**
- Vintage: **2022**
- Serial range 00001-00299
- Quantity 300 tCO2e

UIAAs

- Host Party: **ABC**
- Sector: **DEF**
- Vintage: **2022**
- ID bcf0458a23c511ed8 b9957c7dae5b7d1
- Quantity 300 tCO2e

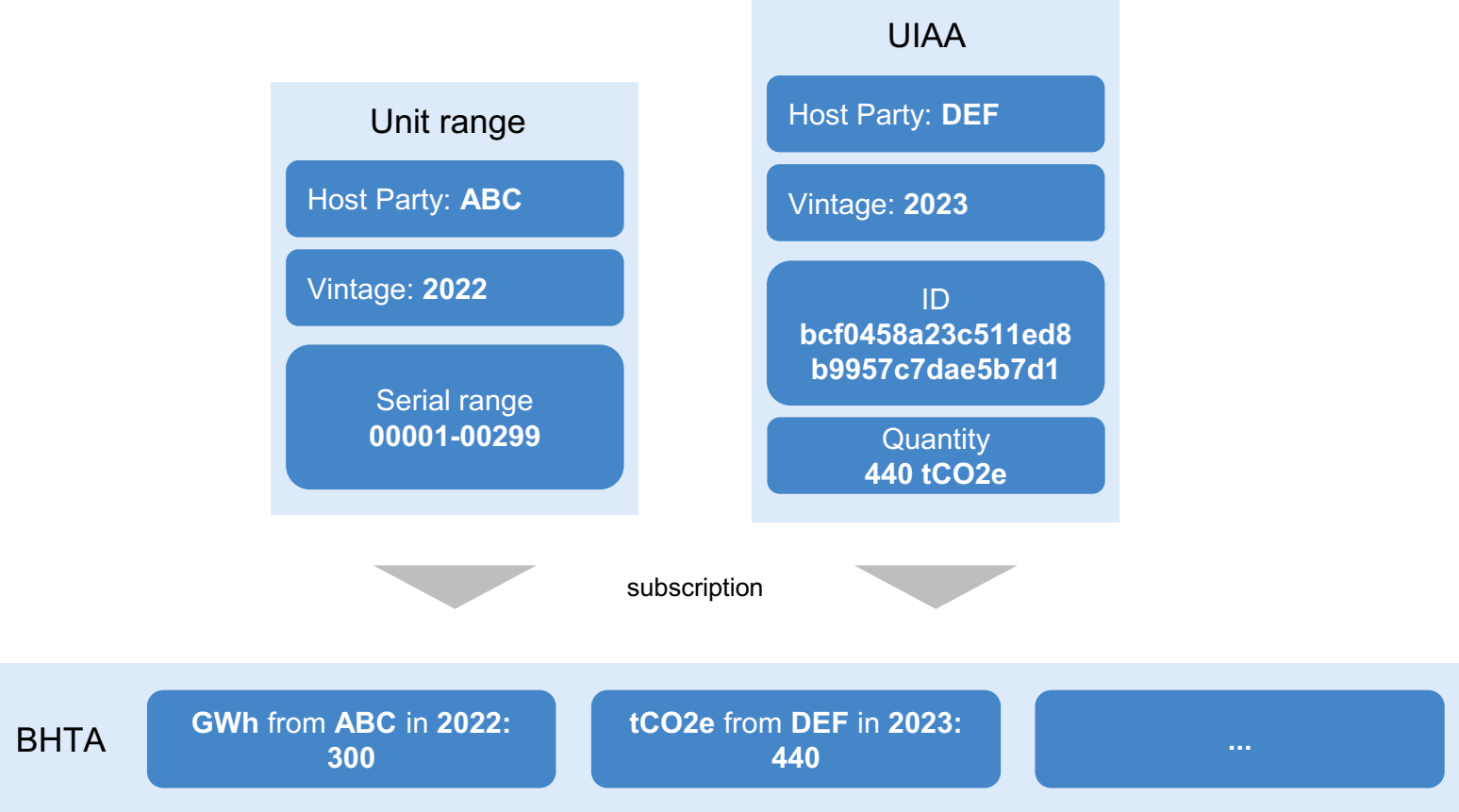**BOAAs**

- Host Party: **ABC**
- Sector: **DEF**
- Vintage: **2022**
- Quantity 300 tCO2e

Infrastructure: Recording and Tracking ITMOs - *Section III.D*

Methods for recording and tracking ITMOs

Unit range

Host Party: **ABC**

Vintage: **2022**

Serial range
00001-00299

UIAA

Host Party: **DEF**

Vintage: **2023**

ID
bcf0458a23c511ed8 b9957c7dae5b7d1

Quantity
440 tCO2e

subscription

BHTA

GWh from **ABC** in **2022: 300**

tCO2e from **DEF** in **2023: 440**

...

Infrastructure: Recording and Tracking ITMOs – *Section III.D*

ITMO data structure, identification of units and UIAAs, and extensibility

UID

Serialized units & UIAA

Cooperative Approach

Controled nomenclature

Vintage

ISO 8601 no-dash format

First Transferring Party

ISO 3166-1 alpha-3

Sectors

Source & Code
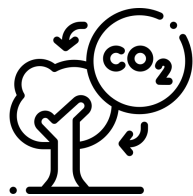
Types

Code from CARP

Other
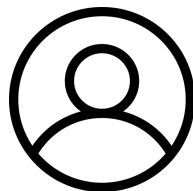
Other meta-data

Authorization

NDC & OIMP

Recording and tracking functions

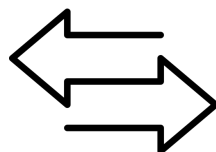**Generation of ITMOs**

Accounts

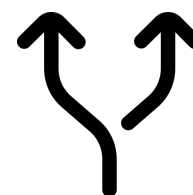**Transfers acquisitions, uses and cancellations**

Operations log

Authorizations

First Transfer

Splits of UIAAs

Reconciliation and internal data consistency check of a cooperative approach
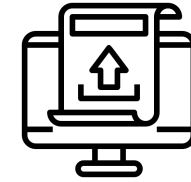
Design considerations
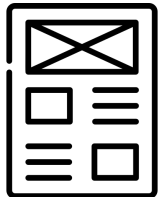
Public information

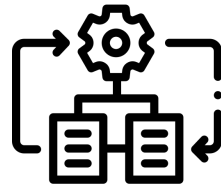**Confidential information**

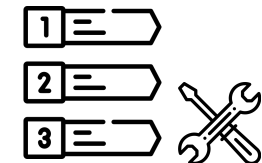**Secure section**

Submission portal

Submission templates and pre-populated submissions

Automated submissions for other registries and third-party systems

Pre-checks

Maintenance of common nomenclatures

Overview

International Registry

Mechanism Registry

Technical boundary of central registries

CARP Portal

Article 6 Database

Nomenclatures

Review support tools

Web Interface

APIs

Submissions

Technical boundary of submission portals

UNFCCC Submission Portal

Conceptual boundary of the CARP
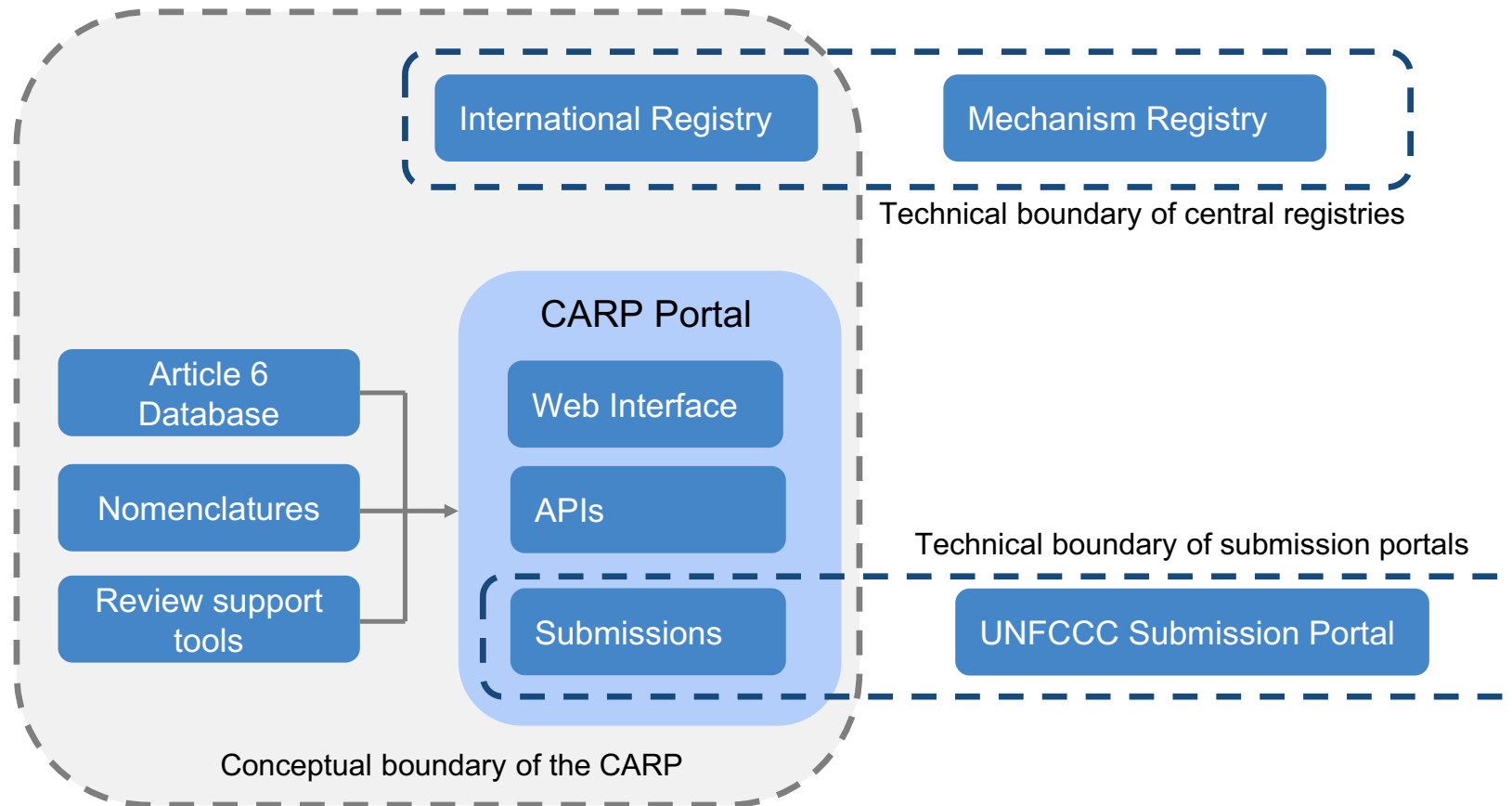
Infrastructure: System administrators' forum – *Section III.J*

Establishment of a cooperative approaches tracking system administrators forum (with voluntary participation), including establishing its objectives, rules of procedure and expected reporting to the CMA. The forum may be requested to consider:

(a)   Interoperability approach(es), including the development of procedures, processes and formats that would facilitate interoperability;

(b)   The issue of double use when non-real time exchanges take place;

(c)   Procedures and processes that would facilitate the review of registries;

(d)   Features related to the international registry.