DIGITAL SOLUTIONS FOR THE ARTICLE 6
OF THE PARIS AGREEMENT
DIGIAL PUBLIC GOODS APPROACH

Q3 2023

Modular Tools

o **Carbon Cooperation Platform:**
Article 6.2 ITMO flows &
monitoring apps

o **National Transparency System:**
monitoring emissions, tracking
NDC progress, and ensuring that
a nation's commitments are
reported, building credibility

o **National Carbon Registry:**
Managing carbon credits,
transactions, and related matters
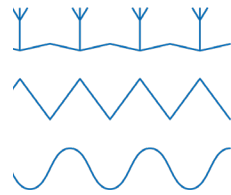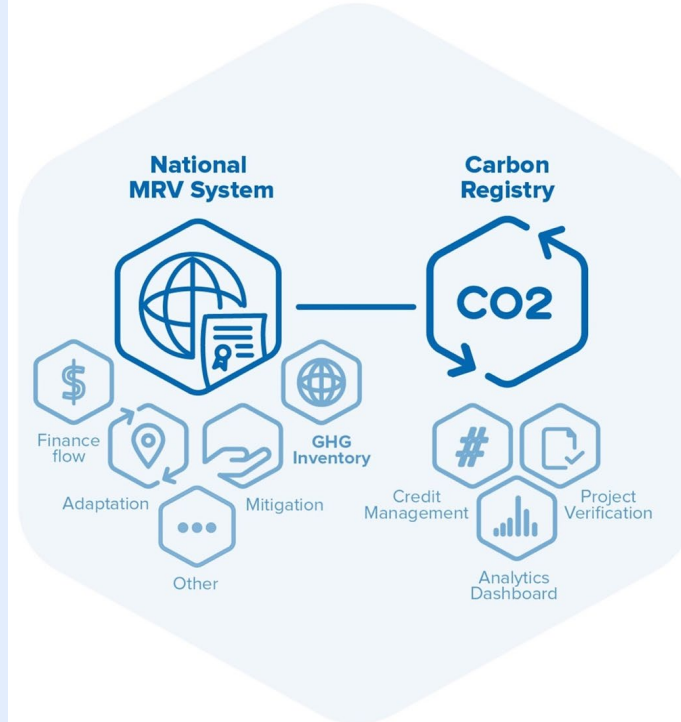to enable access to climate
finance
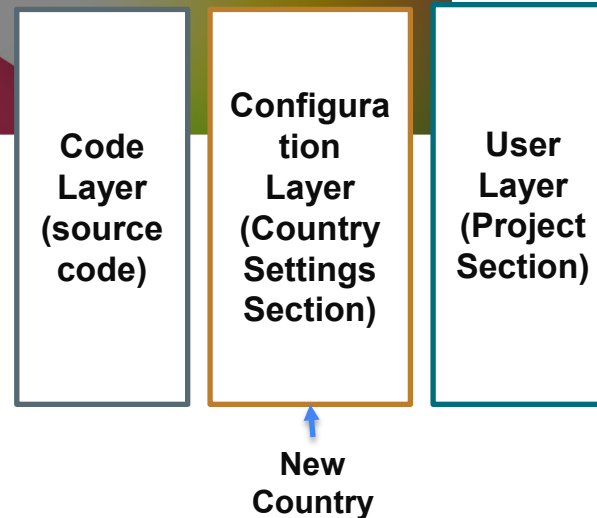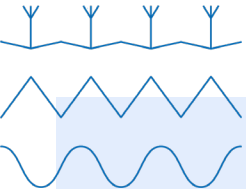
Platform for
VOLUNTARY BILATERAL COOPERATION

Modular approach scalable: every time new country added:
New modular configuration, ITMO flows are build with a configuration for every country:
- consultations
- prototyping
- Configuration with UI (no new implementation needed)

Code Layer (source code)	Configuration Layer (Country Settings Section)	User Layer (Project Section)

New Country

Registration Profiles

A Ready-To-Install, Modular 'National Transparency System' As A Digital Public Good

- **Free & open source software**

- **Supports effective management of national data**

- **Lowers price, risk, and shortens lead time** for system development by reusing software and technical documentation.

- **Continuous upgrades** for security, data, integration, upgrading the registries as technology evolves

- **Interoperability** with other platforms and tools
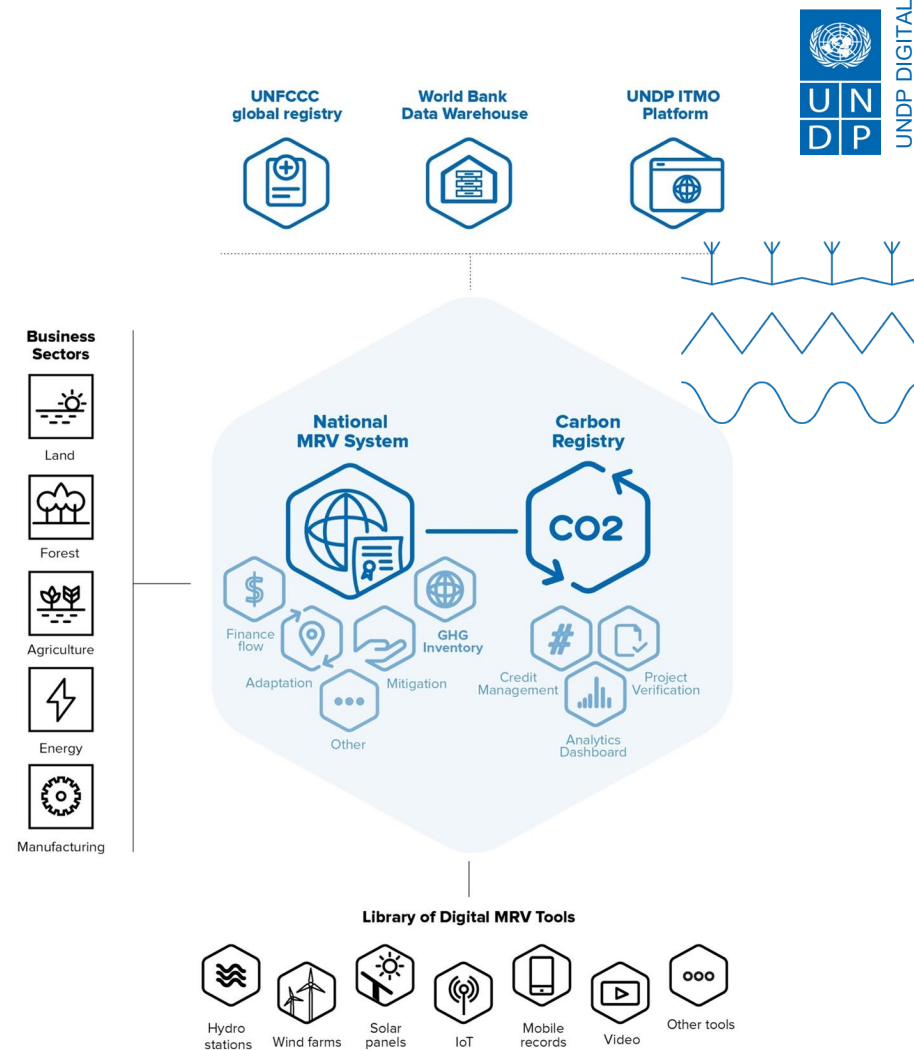
National Carbon Registry Features
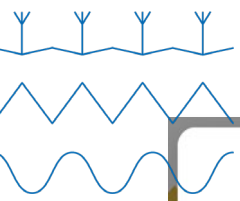
DPG Certified

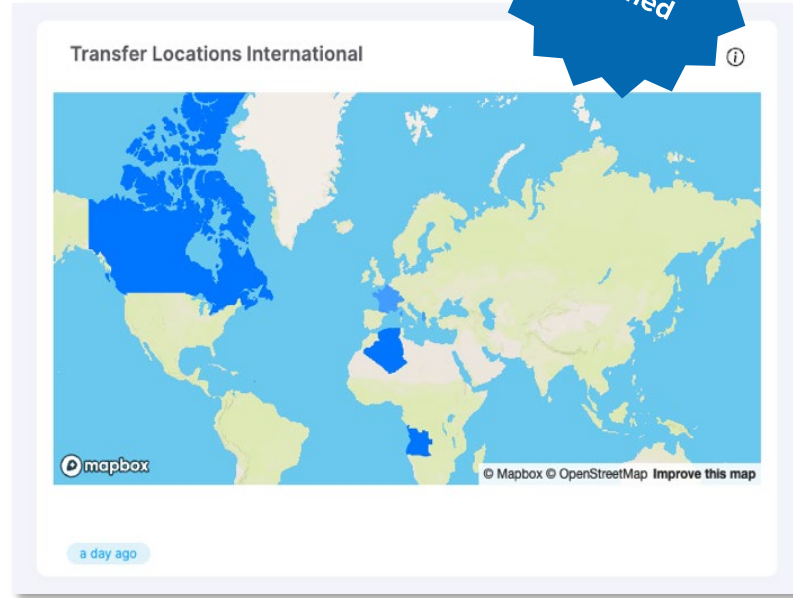Carbon Credit Issuance

International Trading

CARBON REGISTRY
UNDP Digital Public Good National

- Dashboard
- Programmes
- Transfers
- Organisations
- Users

Programmes Pending
5
20 days ago

Pending Transfers Sent
53
20 days ago

Credit Balance
ITMOs
16
20 days ago

26:10:2023 → 08:11:2023

Programmes
Total
0

Authorised	0
Rejected	0
Pending	0

Credits (ITMOs)
Total
0

● Authorised ● Issued
● Transferred ● Retired
● Frozen

Certified Credits (ITMOs)
Total
0

● Certified ● Uncertified
● Revoked

UNDP DIGITAL
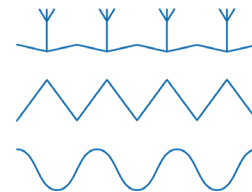
Transfers
View the transfers in the Carbon Registry based on your permissions

☑ All
☐ Mine   Search

☑ Pending ☑ Accepted ☑ Rejected ☐ Cancelled ☑ Recognised ☑ Not Recognised

REQUEST ID	DATE	PROGRAMME NAME	SECTOR	CERTIFIER	INITIATOR	CREDIT SENDER	CREDIT RECEIVER	CREDIT REQUESTED (ITMO)	STATUS
298	20 October 2023	SOLAR-EXPO PV Power Plant - Stage 13	Energy					2	Recognised
297	20 October 2023	SOLAR-EXPO PV Power Plant - Stage 13	Energy					2	Recognised
296	19 October 2023	SOLAR-EXPO PV Power Plant - Stage 13	Energy					1	Pending

Total Programmes

5

4

Total Programmes: Sector
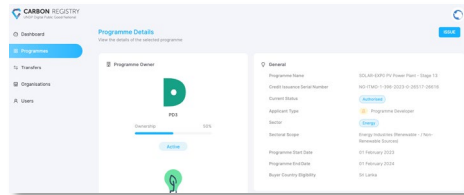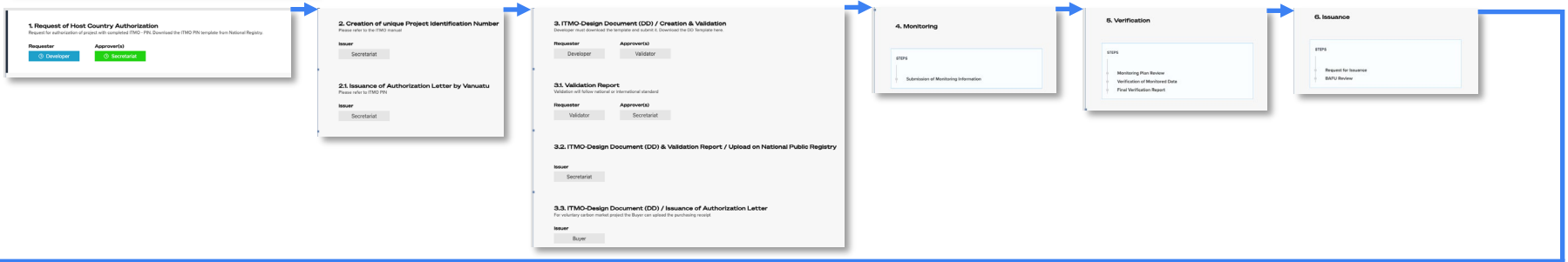
5

4

Carbon Credit Management (carbreg.org)

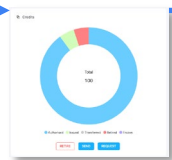# Carbon Platform Interoperability

Carbon Cooperation ITMO Platform
UNDP-hosted platform manages carbon programme workflows from initiation to request for issuance.
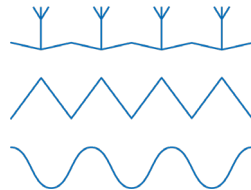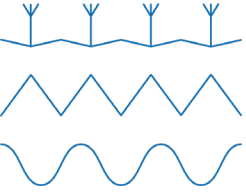
Carbon Registry DPG
A sovereign hub that issues the credits, transfers, & tracking credits, reporting & supervising ownership.

4-Step Process of National Installation

1. Scoping

2. Installation

3. Testing

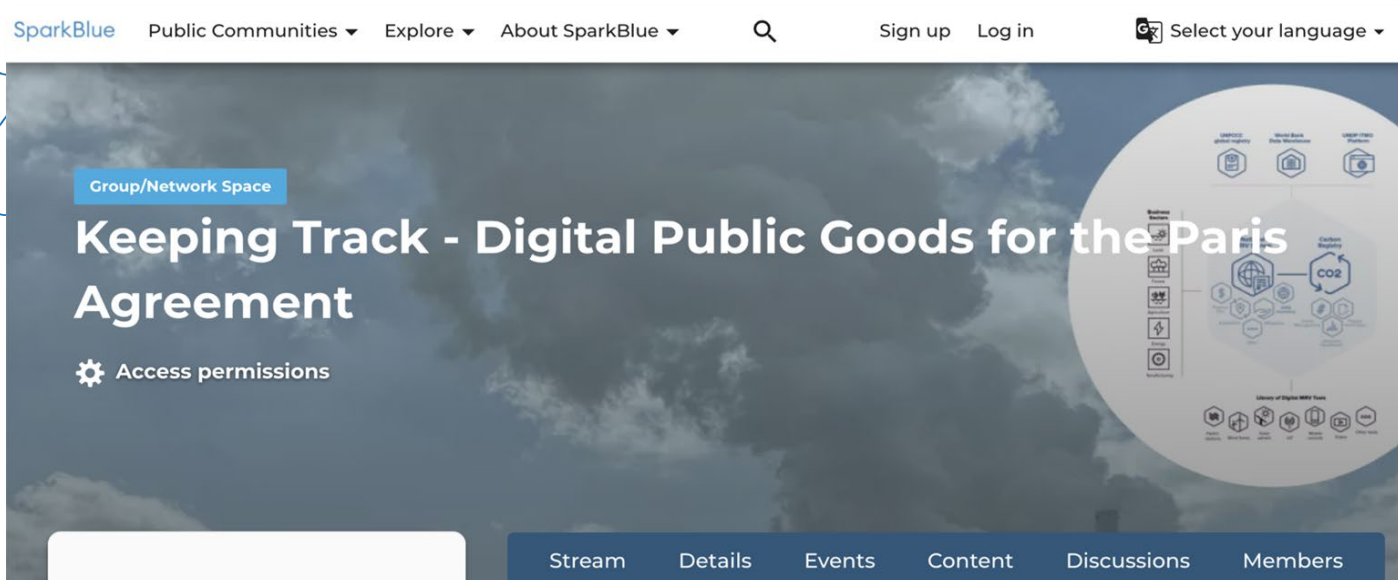4. Support

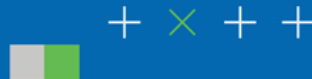# What's Needed For National Installation

Team

Tech

Tasks

Engage with Our Online Community of Practice

International Participation

Knowledge Sharing

Technology Improvement

THANK YOU
DIGITAL PUBLIC GOOD TO ACCELERATE THE PARIS AGREEMENT

digital4planet@undp.org