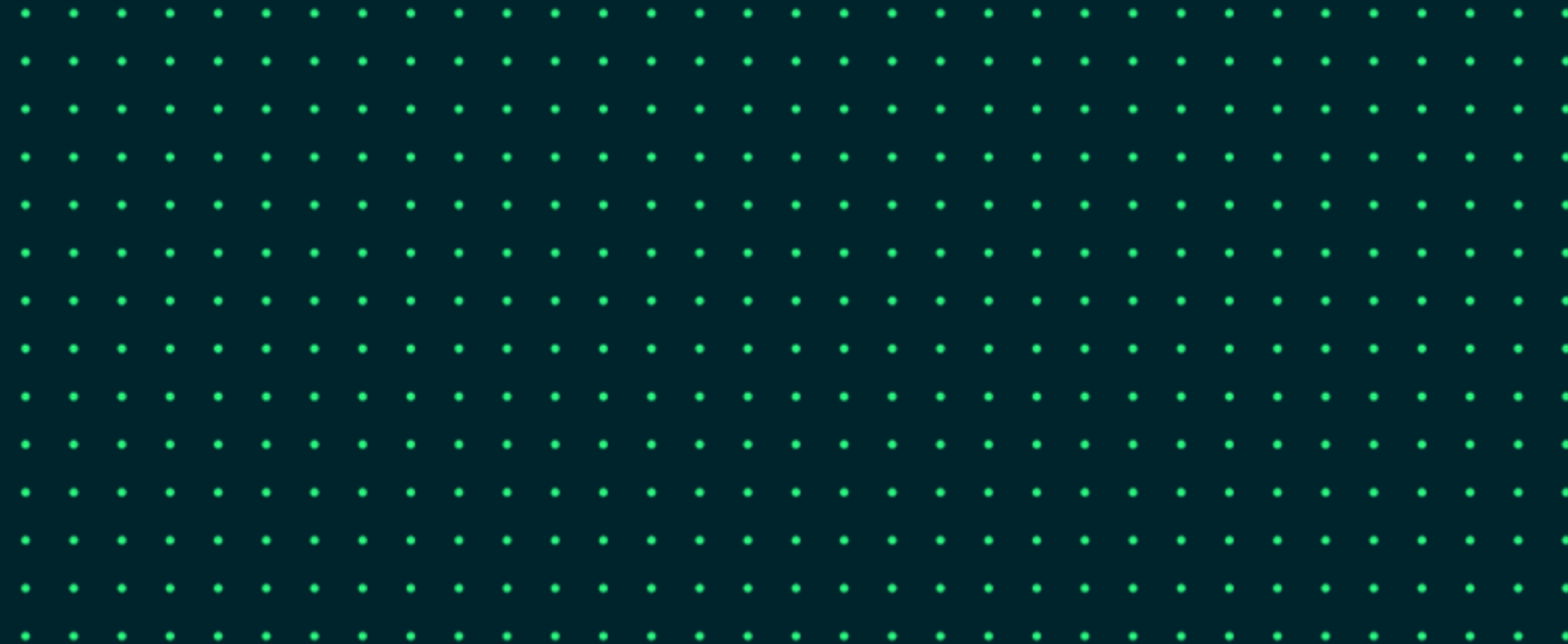




Climate Action  
Data Trust

Connecting carbon markets  
through open data



# Connecting carbon markets through open data

- Public data infrastructure for carbon markets
- Common data model for carbon credits
- Collaborative global governance



**Climate Action  
Data Trust**

# State of play: ITMO tracking and reporting



1. Countries are exploring and agreeing on cooperative approaches under Article 6.2
2. Countries are authorizing independent crediting program projects for NDC use or OIMP/CORSIA
3. Possible Baku outcome: International Registry to be used for tracking and reporting, with transactions to be supported in multiple other registries (e.g., independent/national)
4. National ITMO tracking is crucial, but registry development and deployment takes time
5. ITMO information is required for annual reporting cycles via Agreed Electronic Format (AEF), next due in April 2025, and Biennial Transparency Reports (BTR), next due in December 2026

# A6IP-CAD Trust pilot on AEF report preparation



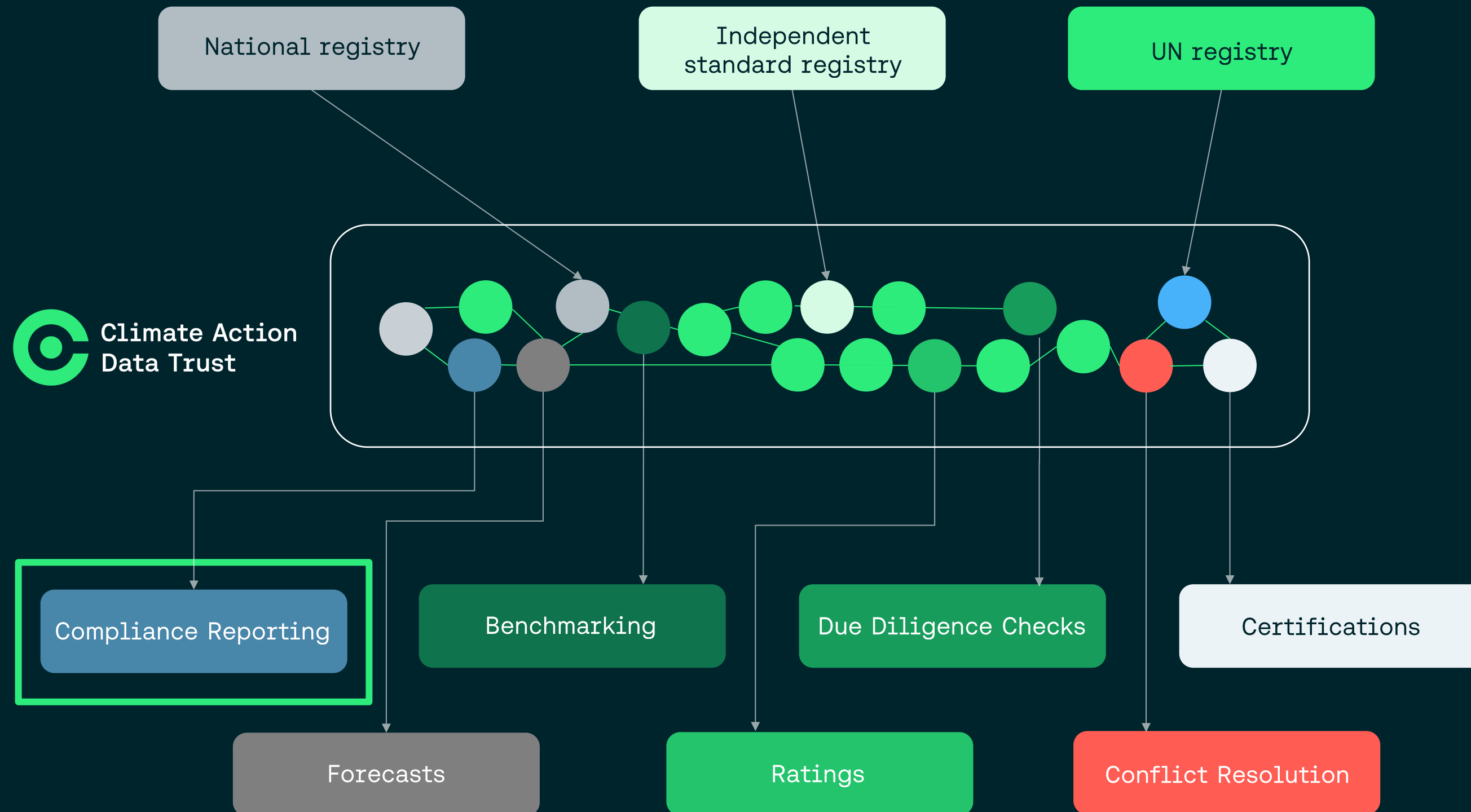
- October 2024 – March 2025
- CAD Trust and A6IP team to support one (or more!) countries with AEF report for April 2025 deadline
- Partnership with national focal points and experts from A6IP, independent programs, UNFCCC

## Planned outputs:

1. Country support on AEF preparation
2. Learnings and recommendations report
3. Contribution to the A6IP support package

# Public good data infrastructure for carbon markets

CAD Trust links, aggregates and harmonizes carbon credit data



# Agreed Electronic Format report format



**Table3: Holdings**

ITMO																		
Article 6 database record ID	Unique identifier			Metric and quantity					ITMO details			Authorization						
	Cooperative approach <sup>a</sup>	First unique identifier <sup>b</sup>	Last unique identifier <sup>c</sup>	Underlying unit block start ID <sup>d</sup>	Underlying unit last block end <sup>e</sup>	Metric <sup>f</sup>	Quantity (expressed in metric) <sup>g</sup>	Quantity (t CO <sub>2</sub> eq)	Conversion factor (reporting Party) <sup>h</sup>	First transferring participating Party <sup>i</sup>	Vintage <sup>j</sup>	Sector(s) <sup>k</sup>	Activity type(s) <sup>l</sup>	Date of authorization <sup>m</sup>	Authorization ID <sup>n</sup>	Purposes for authorization	OIMP authorized by the Party <sup>o</sup>	First transfer definition <sup>p</sup>
	Article 6.4 mechanism Cooperative approach											IPPU  Waste				OIMP  NDC and OIMP		Issuance  Use or Cancellation

Source: UN

Source: Party to create

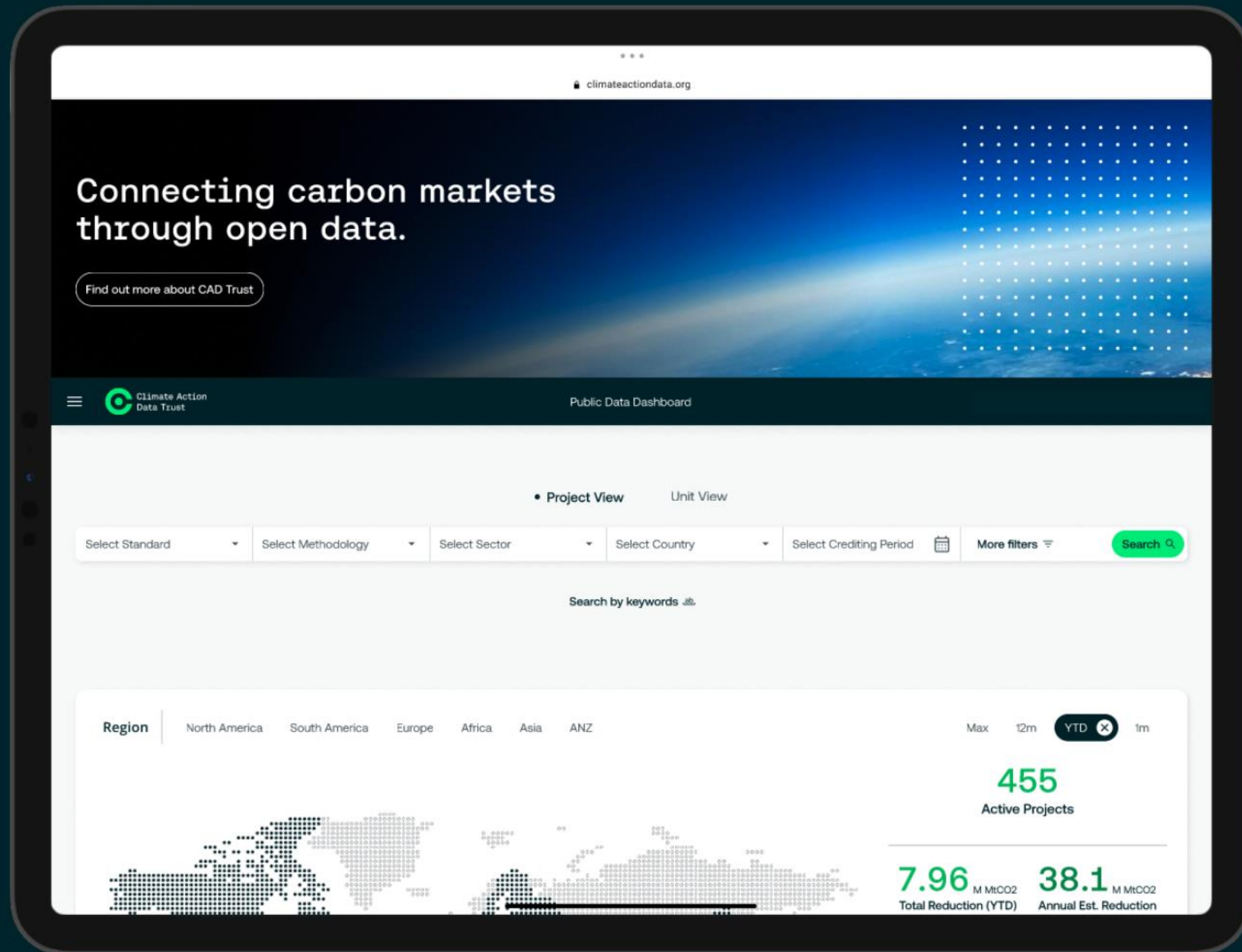
Source: underlying cooperative approach registry

Source: Party (Letter of Authorization)

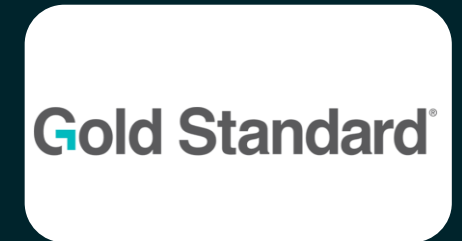
- Cooperative approach name and unique identifiers to follow CMA guidance and common nomenclatures
- Meant for consistent tracking, including when eventually recorded in a registry

# CAD Trust Data Dashboard

A visual representation of the aggregated data



Coming in 2024



[Visit the Dashboard](#)

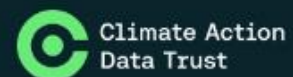
# CAD Trust Data Dashboard

Enabling project and unit search from multiple registries



Connecting carbon markets  
through open data.

[Find out more about CAD Trust](#)



Public Data Dashboard

[Sign up / Login](#)

Project View • **Unit View**

Unit Status ▾

Registry ▾

Sector ▾

Country ▾

Vintage Year ▾

[Search](#) 🔍

[Search units by keywords ab](#)

[Visit the Dashboard](#)



# Unit-level search

Example: Verra DelAgua Cooking Project in Rwanda



Climate Action Data Trust Public Data Dashboard Sign up / Login

Home > Units

## Units

delagua Search

Unit Status 2 Registry 1 Sector Country 1 Vintage Year

PROJECT DETAILS	UNIT STATUS	VINTAGE	QUANTITY	ISSUANCE DATE	REGISTRY
DelAgua Clean Cooking Grouped Project in Rwanda 4150 DelAgua Health Rwanda (Voluntary) Limited	Retired	2023	18,028	2024/02/29	Verra
DelAgua Clean Cooking Grouped Project in Rwanda 4150 DelAgua Health Rwanda (Voluntary) Limited	Held	2023	214,970	2024/02/29	Verra
DelAgua Public Health Program in Eastern Africa - CER Conversion 2400 Converted From a another GHG program CDM	Retired	2015	1,974	2021/12/16	Verra
DelAgua Public Health Program in Eastern Africa - CER Conversion 2400	Retired	2015	1,974	2021/12/16	Verra

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Export

# Preparing a draft AEF report



Project Name	Id	Developer	Unit Status	Vintage	Annual Est. Units	Issuance Date	Retirement	Registry	Methodology	Sector	Country	Serial Number
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2021	371	Thu Feb 29 2024	2021	Verra	VMR0006	Energy Demand	Rwanda	759559765-759560135
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2021	42	Thu Feb 29 2024	2021	Verra	VMR0006	Energy Demand	Rwanda	759560144-759560185
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2022	482217	Thu Feb 29 2024	2022	Verra	VMR0006	Energy Demand	Rwanda	759639343-760121559
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2022	100050	Thu Feb 29 2024	2022	Verra	VMR0006	Energy Demand	Rwanda	760449155-760549204
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2022	315000	Thu Feb 29 2024	2022	Verra	VMR0006	Energy Demand	Rwanda	760134155-760449154
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2023	214970	Thu Feb 29 2024	2023	Verra	VMR0006	Energy Demand	Rwanda	760582100-760797069
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2023	75000	Thu Feb 29 2024	2023	Verra	VMR0006	Energy Demand	Rwanda	760802445-760877444
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2023	9213	Thu Feb 29 2024	2023	Verra	VMR0006	Energy Demand	Rwanda	760549414-760558626
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2023	3459	Thu Feb 29 2024	2023	Verra	VMR0006	Energy Demand	Rwanda	760578641-760582099
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2023	21487	Thu Feb 29 2024	2023	Verra	VMR0006	Energy Demand	Rwanda	760560613-760582099
DelAgua Clean Cooking Grouped Project in Rwanda	4150	DelAgua Health Rwanda (Voluntary) Limited	Held	2023	50243	Thu Feb 29 2024	2023	Verra	VMR0006	Energy Demand	Rwanda	760877445-760927687

**Table 2: Actions**

Article 6 database record ID	Cooperative approach <sup>a</sup>	ITMO											Date of authorization <sup>m</sup>	Authorization ID <sup>n</sup>	Purposes for authorization	OIMP authorized by the Party <sup>o</sup>	First transfer definition <sup>p</sup>			
		Unique identifier				Metric and quantity				ITMO details								Authorization		
		First unique identifier <sup>b</sup>	Last unique identifier <sup>c</sup>	Underlying unit block start ID <sup>d</sup>	Underlying unit last block end <sup>e</sup>	Metric <sup>f</sup>	Quantity (expressed in metric) <sup>g</sup>	Quantity (t CO <sub>2</sub> eq) <sup>h</sup>	Conversion factor (reporting Party) <sup>h</sup>	First transferring participating Party <sup>i</sup>	Vintage <sup>j</sup>	Sector(s) <sup>k</sup>						Activity type(s) <sup>l</sup>		
	DelAgua Clean Cooking Grouped Project in Rwanda (Verra Project 4150)	759639343	760121559	tCO2	482217	482217	Rwanda	2022	Energy	27/10/2023	<a href="https://registry.verra.org/mymodule/ProjectDoc/Project_ViewFile.asp?FileID=101815&amp;IDKEY=2iofj09234rm9oq4jndsma80vcalksdj98cxkja90823nmq30140402885">https://registry.verra.org/mymodule/ProjectDoc/Project_ViewFile.asp?FileID=101815&amp;IDKEY=2iofj09234rm9oq4jndsma80vcalksdj98cxkja90823nmq30140402885</a>	OIMP	Authorization							
	DelAgua Clean Cooking Grouped Project in Rwanda (Verra Project 4150)	760449155	760121559	tCO2	100050	100050	Rwanda	2022	Energy	27/10/2023	<a href="https://registry.verra.org/mymodule/ProjectDoc/Project_ViewFile.asp?FileID=101815&amp;IDKEY=2iofj09234rm9oq4jndsma80vcalksdj98cxkja90823nmq30140402885">https://registry.verra.org/mymodule/ProjectDoc/Project_ViewFile.asp?FileID=101815&amp;IDKEY=2iofj09234rm9oq4jndsma80vcalksdj98cxkja90823nmq30140402885</a>	OIMP	Authorization							

Source: Party

Source: underlying cooperative approach registry via CAD Trust; Information to be presented per guidance on common nomenclatures

Source: Party (Letter of Authorization)

- Needs creation per CMA guidance, informed by common nomenclatures
- Country assigned, for consistent tracking, registry or no registry

# A6IP-CAD Trust pilot on AEF report preparation



Seeking partner countries for the pilot over November 2024 – March 2025

If your country:

- Does not anticipate having a national registry by next March
- Is planning to or has already authorized projects from a program or programs CAD Trust has connected, or will have connected by February 2025
- Is preparing or has already submitted the Initial Report
- Could use A6IP and CAD Trust support interpreting registry data and fulfilling reporting requirements

→ Please reach out to the A6IP team and indicate interest!

Caveat: Parties carry the ultimate responsibility for the accuracy and submission of all reports.

# Broader vision: toward registry interoperability



Near term

A6IP and CAD Trust pilot to support countries without a national registry on AEF report preparation for annual reporting cycles and BTR

Medium term

Supporting efforts to standardize information exchange between registries along the way (incl. UNFCCC guidance and the Playbook)

Long term

Interoperability between transactional registries (national, independent program, international mechanisms) and UN accounting systems (incl. International Registry and CARP)



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