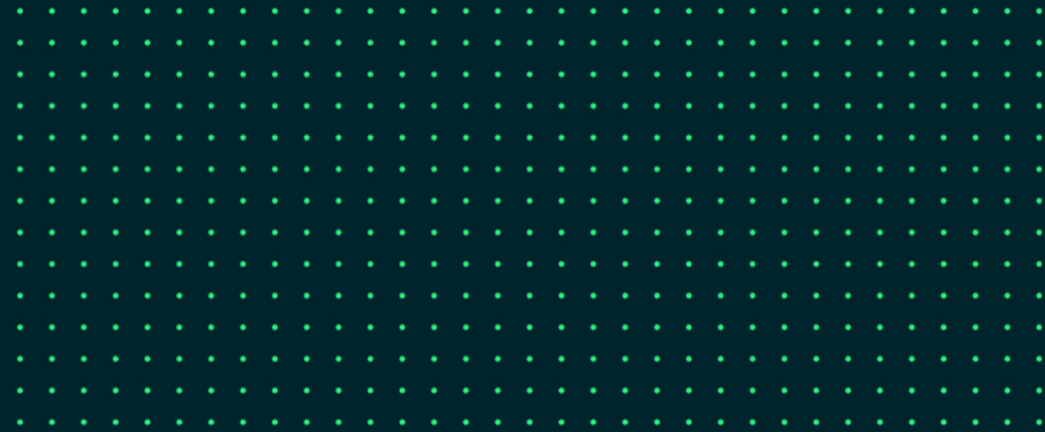




Climate Action
Data Trust

Connecting carbon markets
through open data

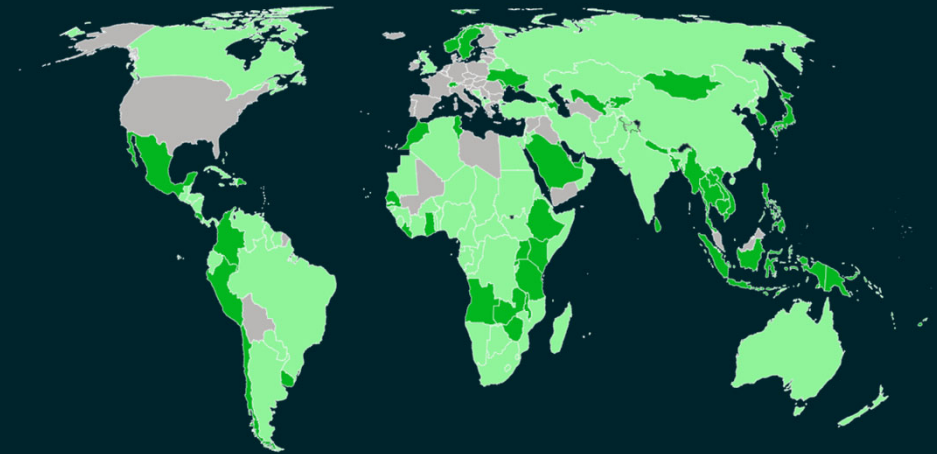


Carbon credits can scale climate ambition

Enabling countries and corporates to do more toward Paris Agreement goals



- 70% of countries intend to use international cooperation to meet their nationally determined contributions (NDCs)¹
- Global cooperation could save countries up to **\$250B/year** in NDC implementation costs by 2030²
- Corporate credit buyers are decarbonizing faster than peers rather than stalling³



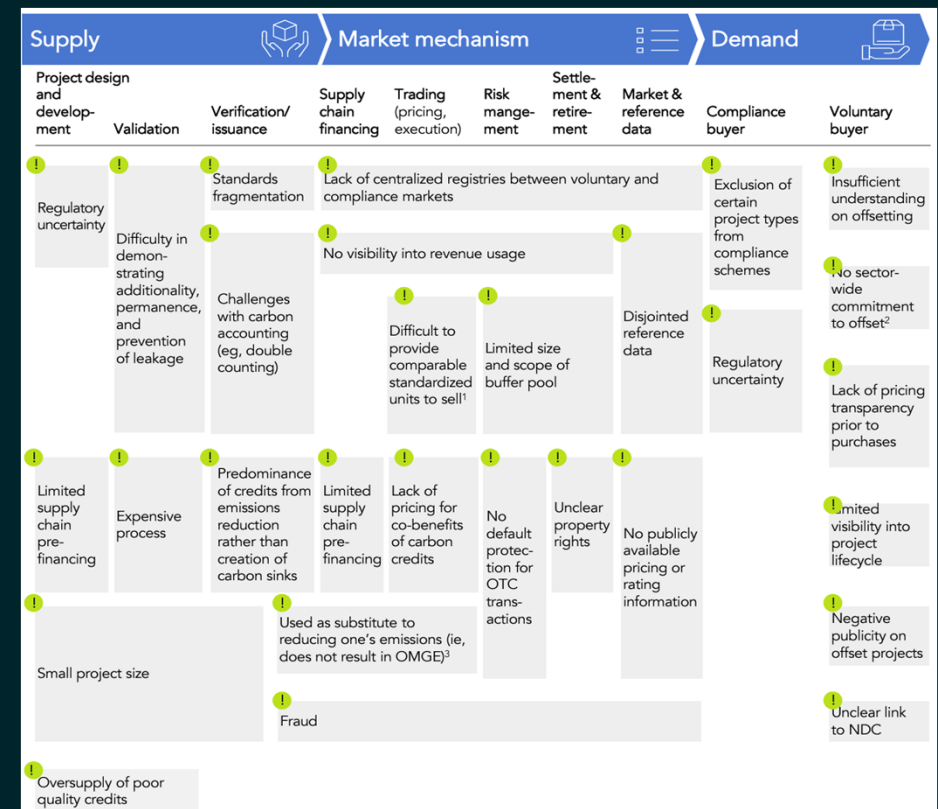
Countries in green intend to or are piloting cooperative approaches to meet their NDCs or increase ambition ([IETA/UNFCCC 2024](#))

1. [IETA/UNFCCC](#) (2024) 2. [IETA/CPLC](#) (2019) 3. [Trove Research](#) (2023)

But scaling markets with integrity is hard



- Evolving carbon pricing and regulatory landscape, including Article 6
- Unclear credit links to NDCs
- Lack of centralized registries between voluntary & compliance markets
- Reputational concerns around credit quality and use



Data fragmentation harms efficiency & trust

High integrity markets require improved data systems



- ~50 voluntary carbon market standards, 200+ methodologies, new Article 6 mechanisms
- Information asymmetries due to lack of joint reference data
- Risks of double counting between programs
- Difficulties in quality and impact assessment (e.g. ratings)
- General lack of transparency and accessibility



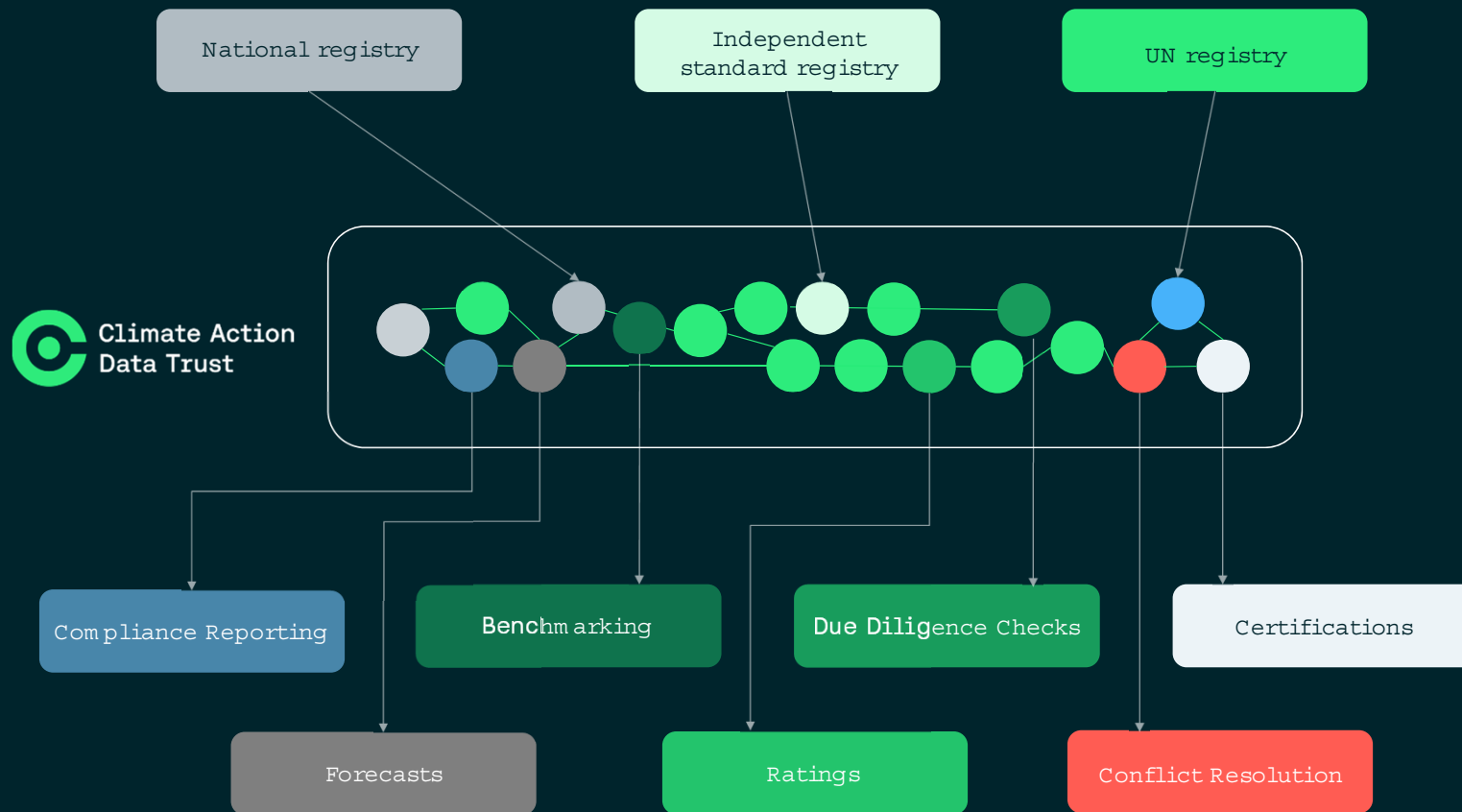
Connecting carbon markets through open data

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

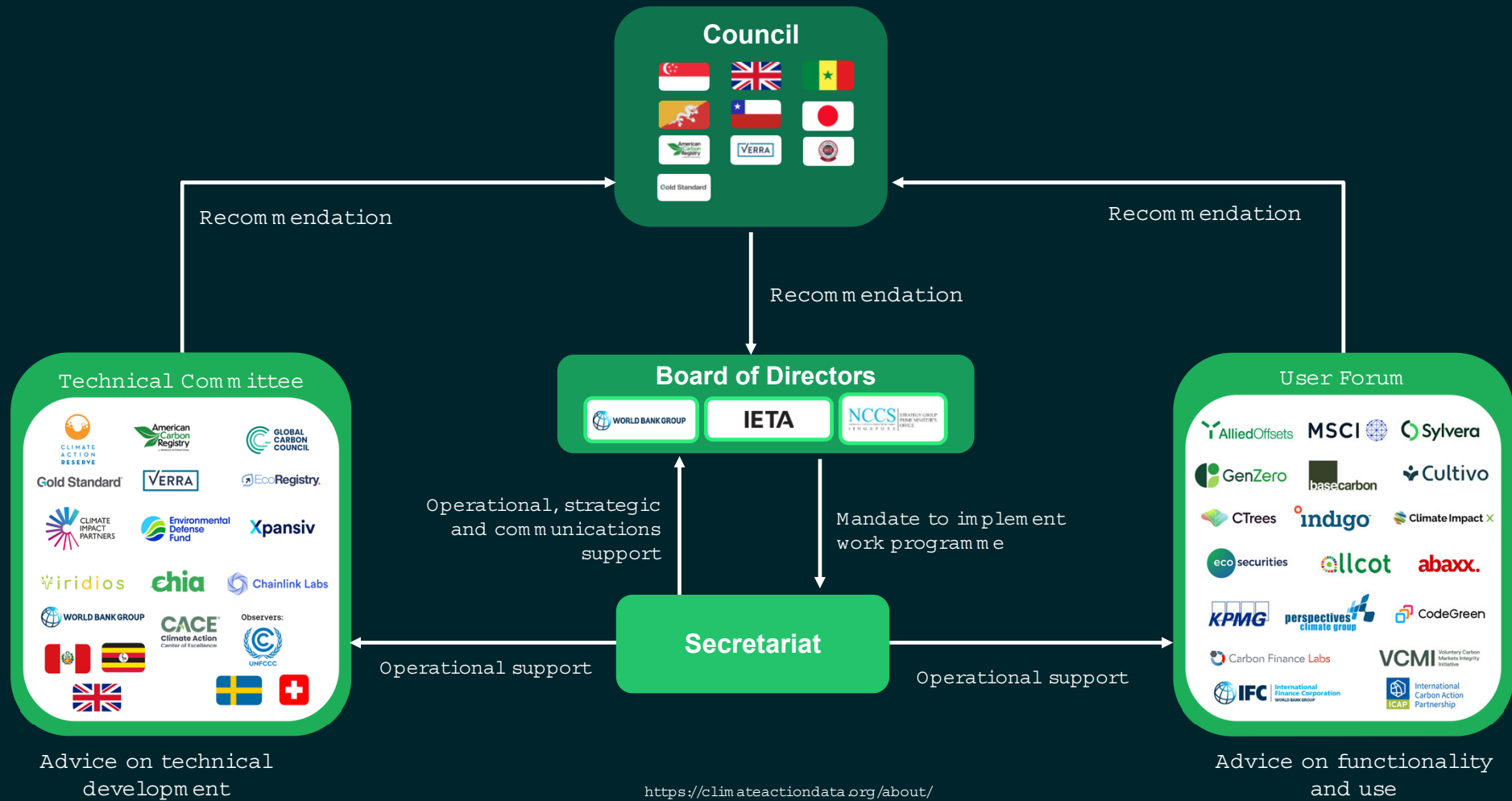


Public good data infrastructure for carbon markets

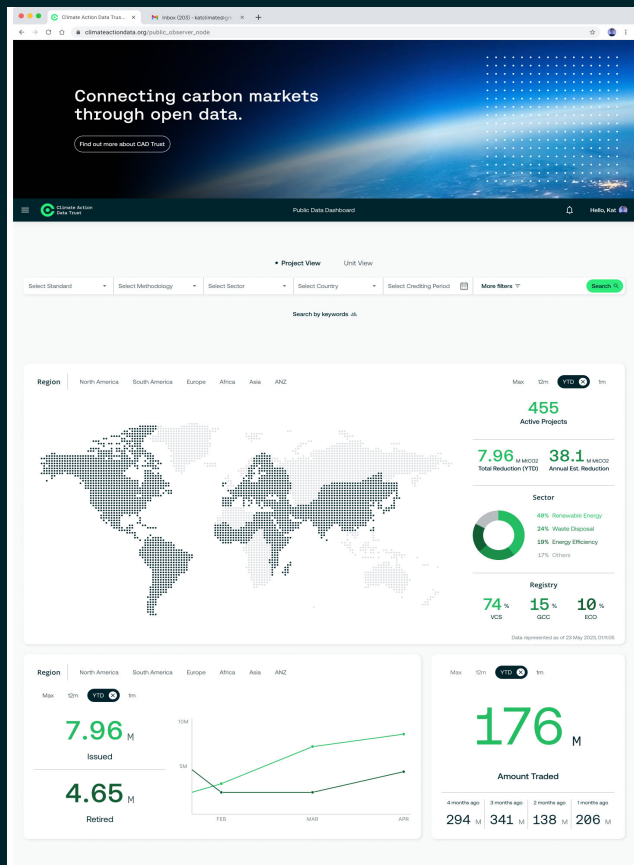
CAD Trust links, aggregates and harmonizes carbon credit data



Collaborative global governance



Milestones to date



Nov 2019

Concept development starts at the World Bank

Mar 2022

World Bank, Singapore & IETA complete consultation on governance and finance

Sep 2022

First data model and platform finalized

Dec 2022

CAD Trust established as an NGO in Singapore

Jul 2023

Governance structure operationalised

Dec 2023

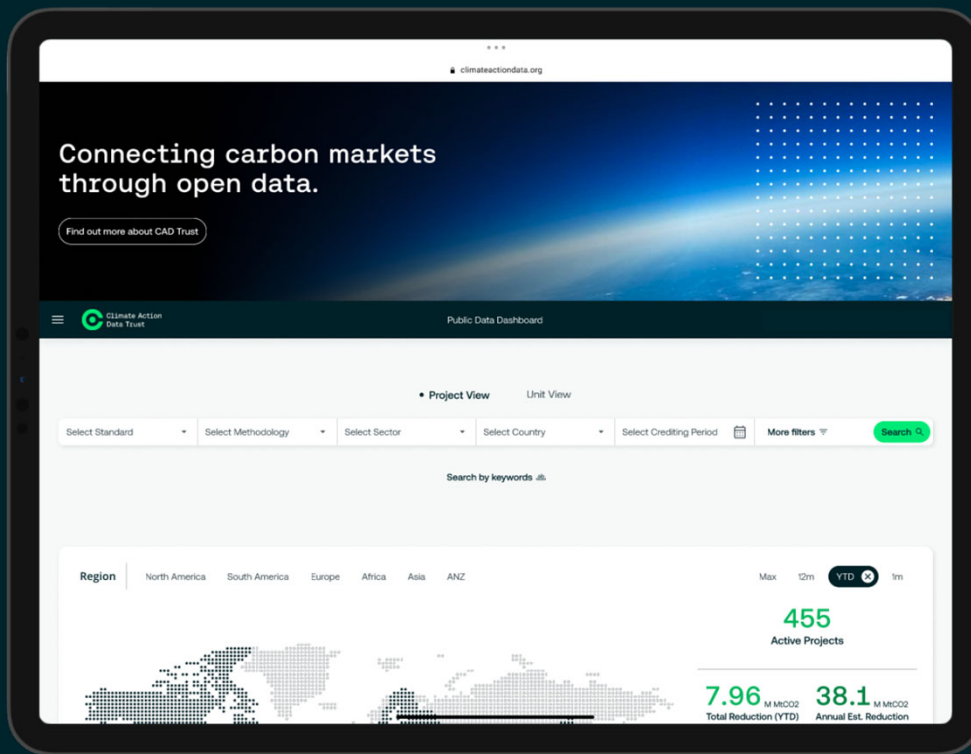
Data Dashboard launched with 6 registries covering 85% of issued carbon credits

June 2024

Data Dashboard hit 1M visits

Platform

Data Dashboard: visual representation of the aggregated data



7
Registries

17K+
Projects

2B+
Issued units*

1.2M+
Visits since launch

*Sample data

Value proposition



Provide trusted global public carbon credit metadata

Improve data harmonization

Enable integrity solutions

Operationalize Article 6

- Standard carbon credit data model
- Interoperable digital infrastructure
- Double counting identification
- Regulator & integrity initiative support
- Inter-registry communication
- VCM-Art6 interactions
- ITMO tracking and reporting



Technology providers



Market participants



Integrity initiatives



Regulators



Crediting programs



International organisations

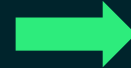


Governments

Value proposition for governments



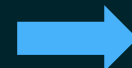
- Visibility into credits in your country
- Data reconciliation between VCM and national registries



- Easier tracking and reporting
- Help avoid double counting
- Common practices on data models



- Real-time transparency on Article 6 authorization, corresponding adjustments



- Easier to show impact of Article 6 transfers
- Increasing trust and scaling cooperation



- Visibility of investment opportunities



- Help raise finance from private and public sector buyers
- Increase trust and scale cooperation

Connected registries



Currently connected



Verra



Global Carbon Council



BioCarbon Standard



Cercarbono



Tero Carbon



Bhutan



CDM Registry

Advanced stages

International Carbon Registry

Ghana

Acorn

Climafi

Climate Action Reserve

Plan Vivo Foundation

Select prospects, pending readiness

Singapore

Switzerland

Colombia

Peru

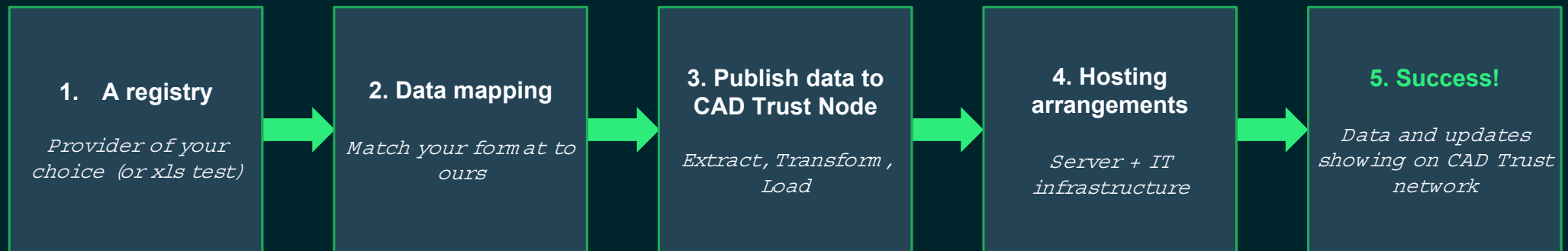
Argentina

Chile

Puro earth

Gold Standard

Connection process



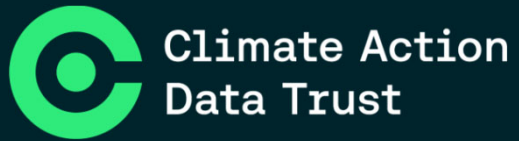
Next steps



- Informational session

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