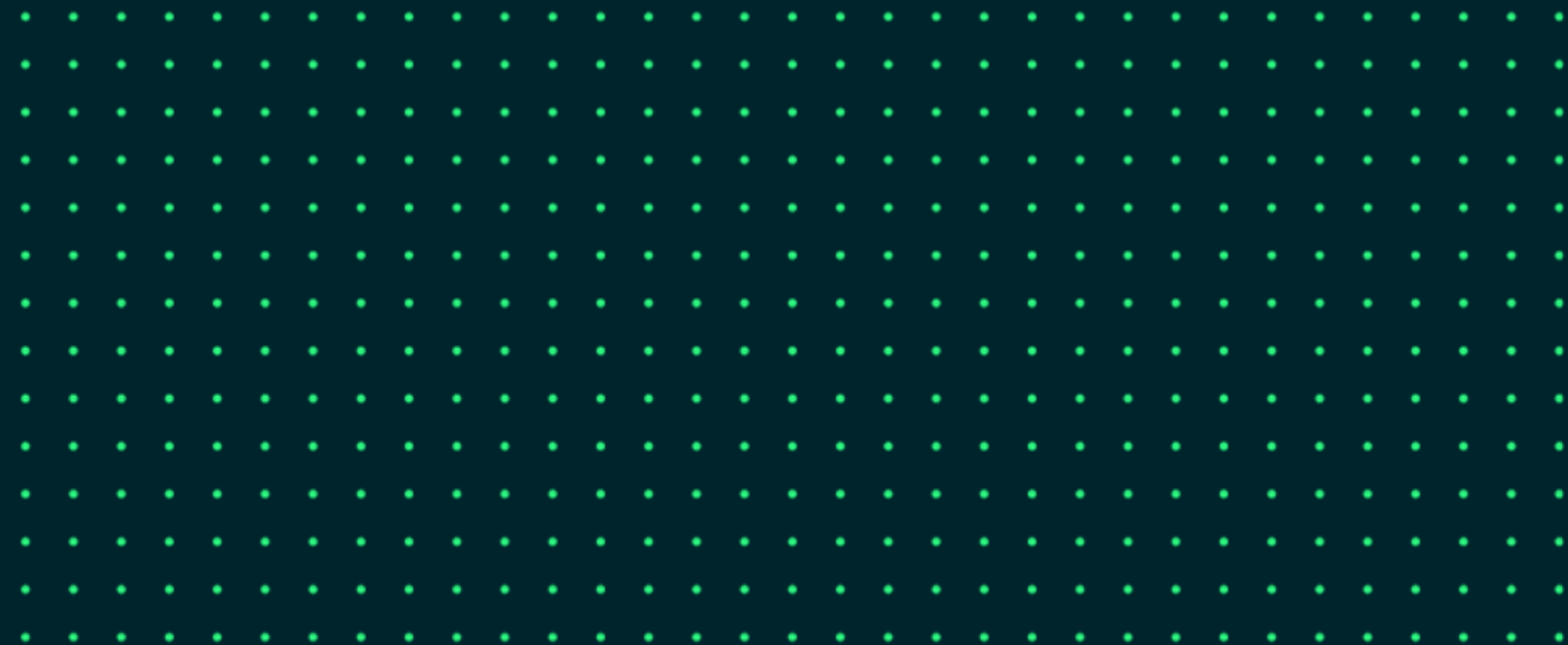




Climate Action
Data Trust

Connecting carbon markets
through open data

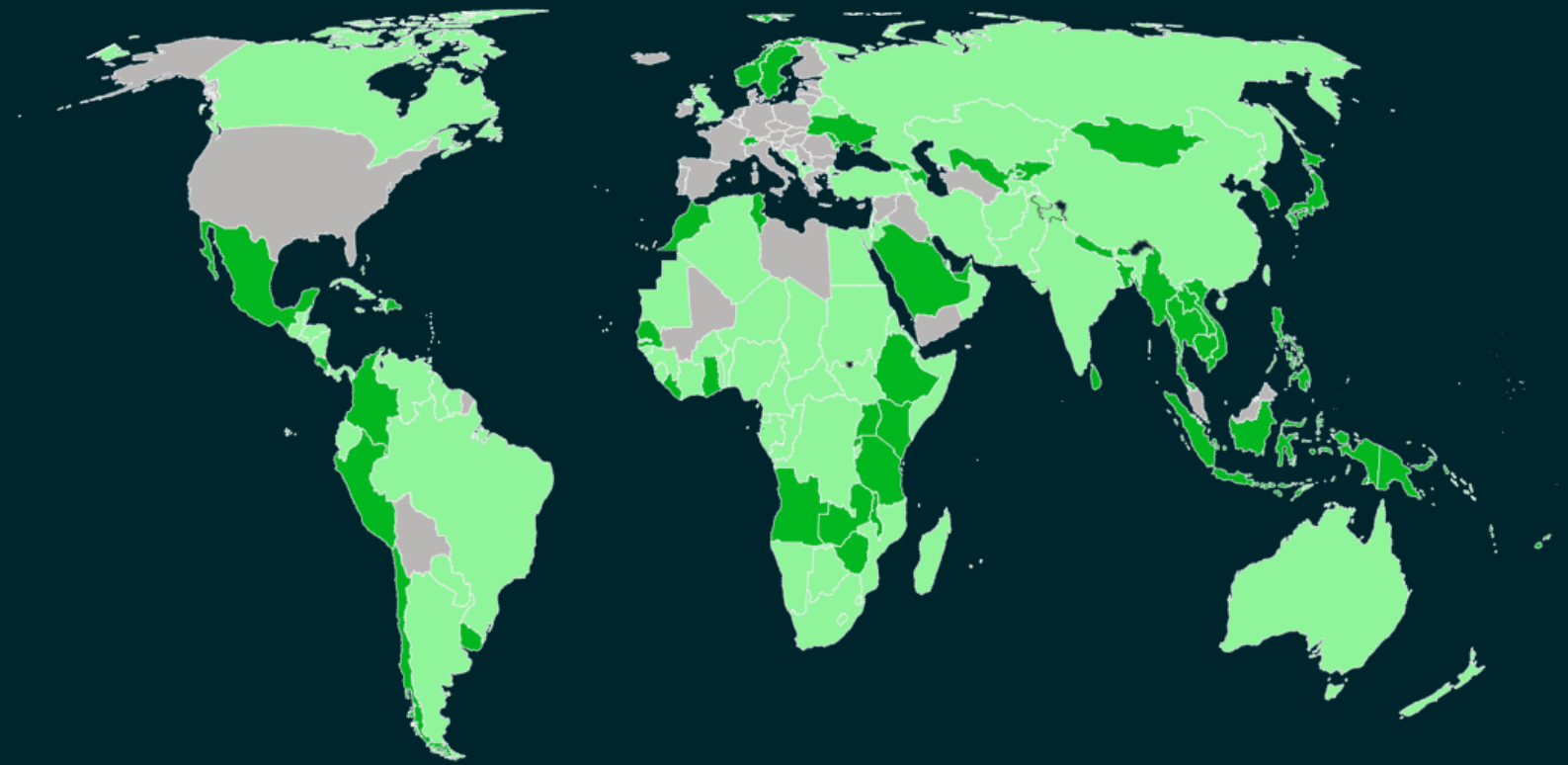


Carbon credits can scale climate ambition

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

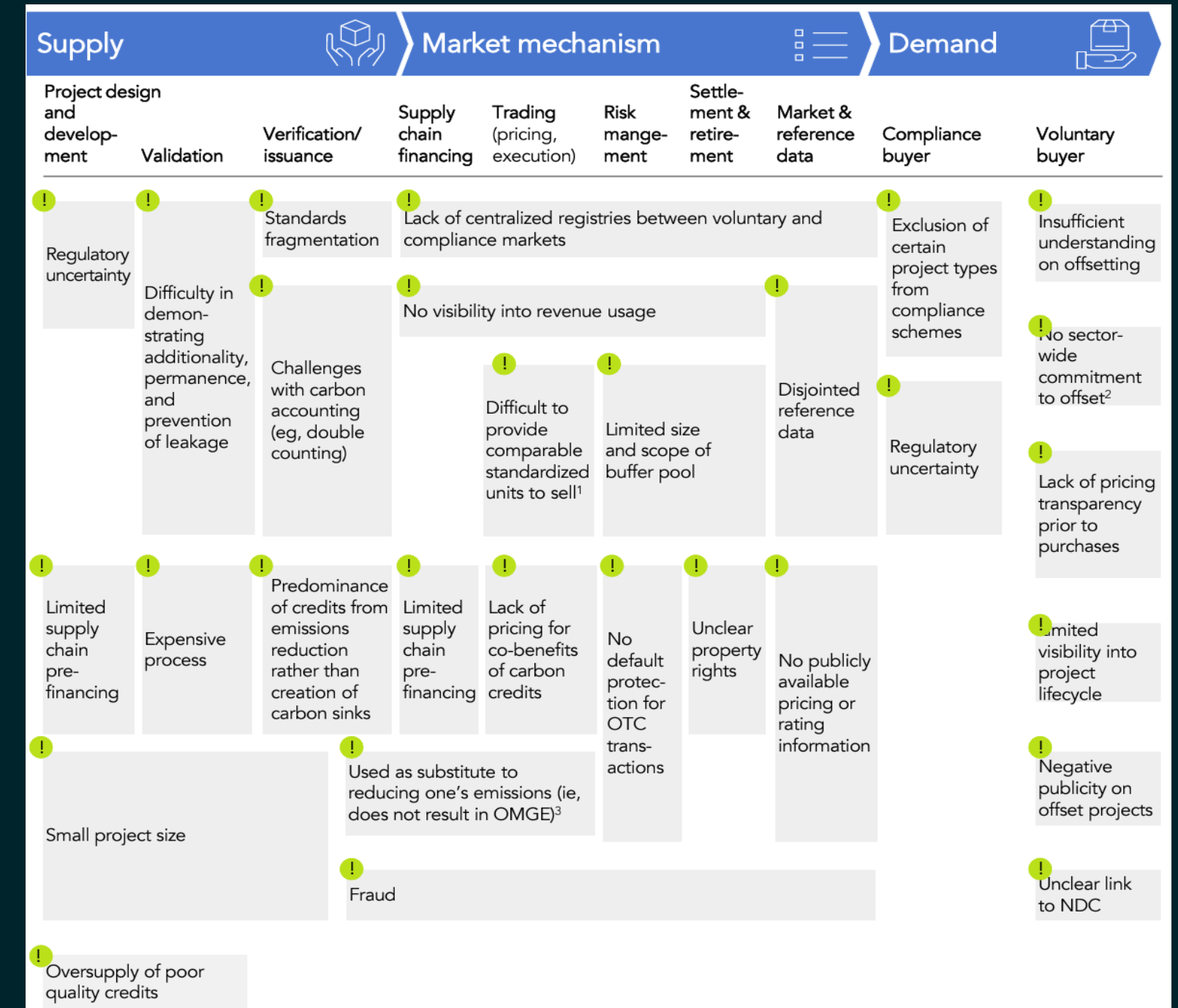


Countries in green intend to or are piloting cooperative approaches to meet their NDCs or increase ambition ([IETA/UNFCCC 2024](#))

But scaling markets with integrity is hard



- Evolving carbon pricing and regulatory landscape, including Article 6
- Credit links to compliance markets and NDCs often unclear
- 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 programmes
- Difficulties in quality and impact assessment (e.g. ratings)
- General lack of transparency and accessibility



Climate Action Data Trust

Public good data infrastructure to address fragmentation in carbon markets

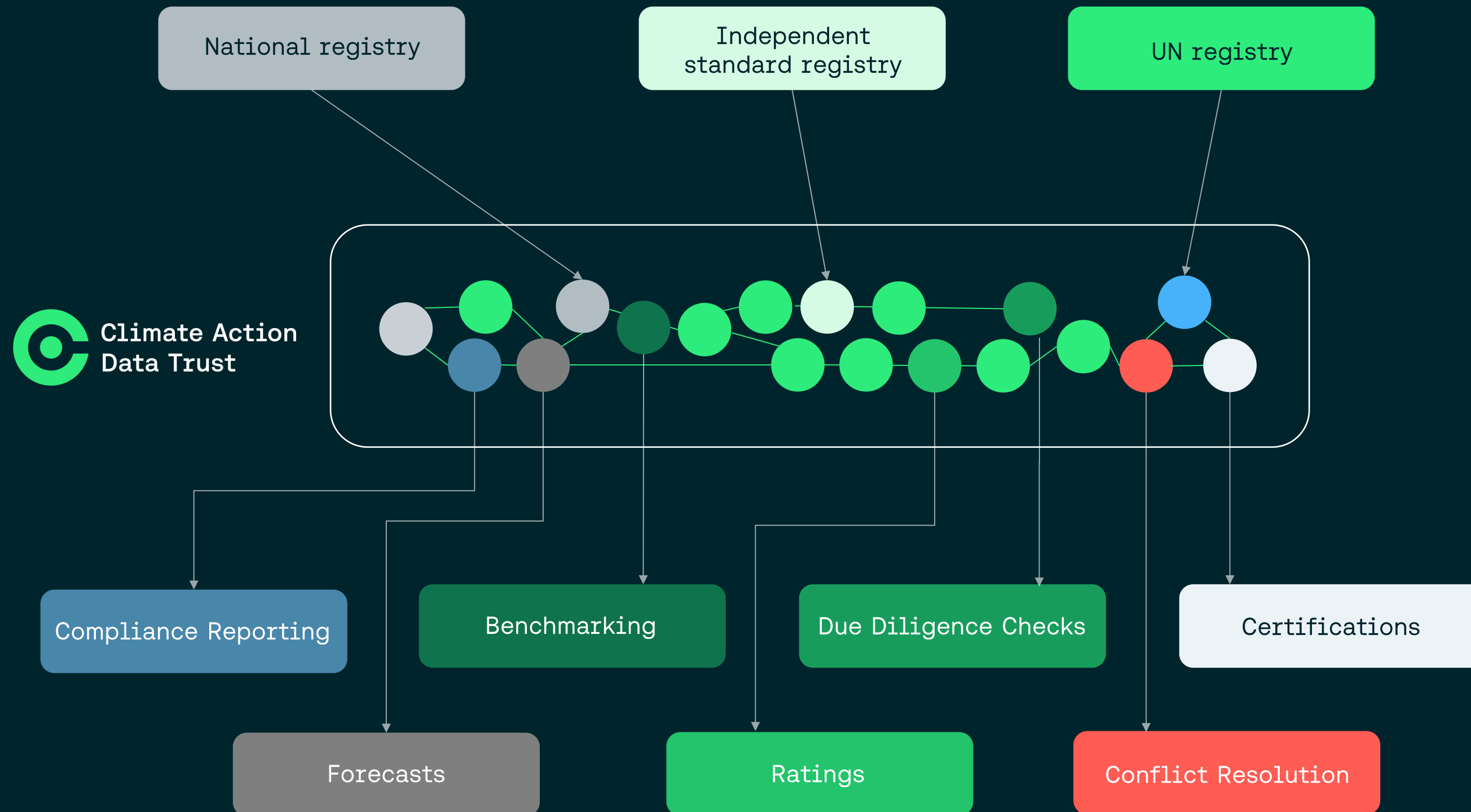
- Public, decentralized and trackable record of carbon credit information
- Common data model for carbon credits
- Global stakeholder network and collaborative governance



Climate Action Data Trust

Public good data infrastructure for carbon markets

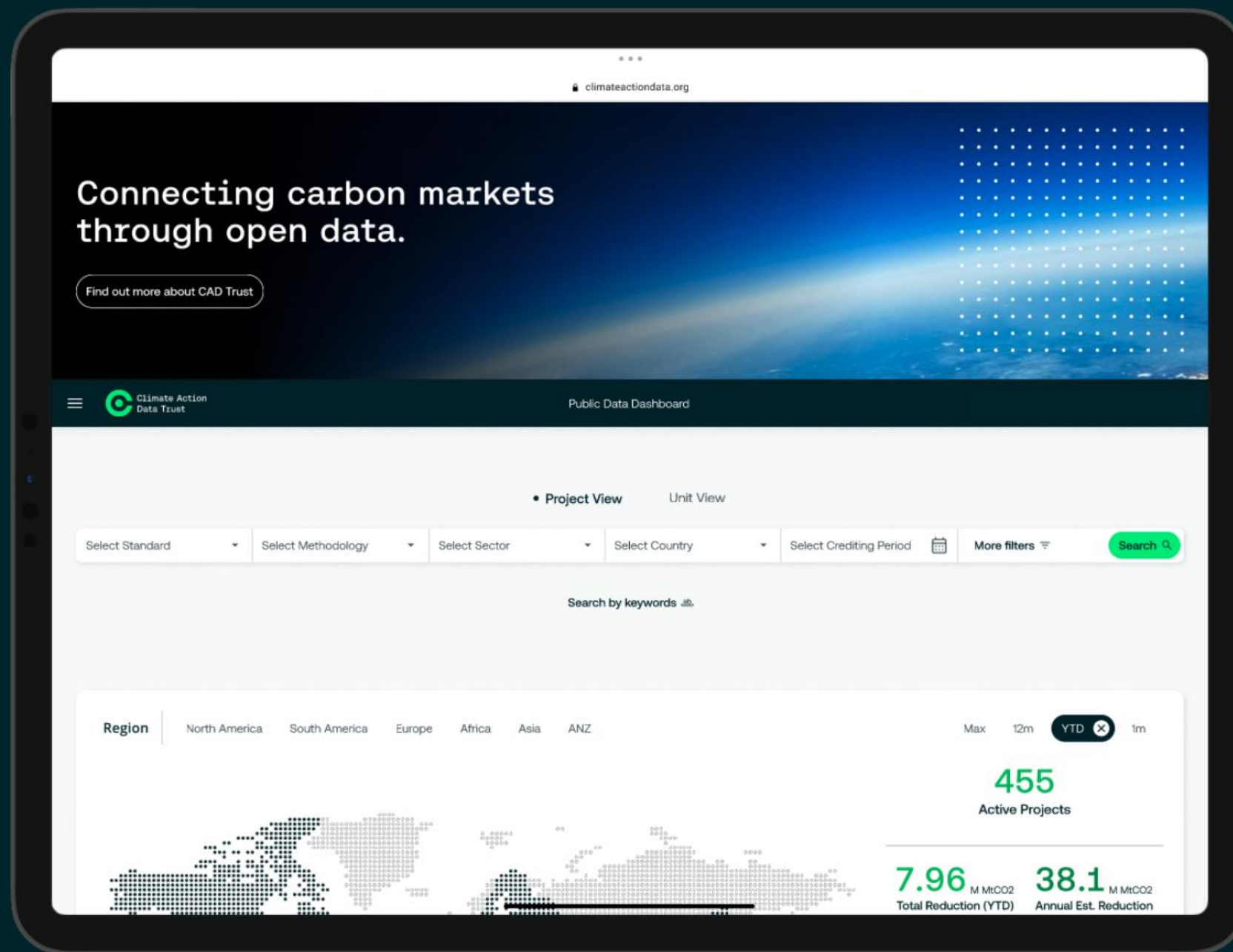
CAD Trust links, aggregates and harmonizes carbon credit data



Platform



Data Dashboard: visual representation of the aggregated data



7
Registries

17K+
Projects

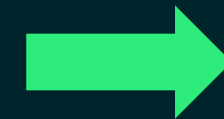
2B+
Issued units*

1.2M+
Visits since launch

Value proposition for governments



- Data reconciliation between national and independent registries
- Visibility into credit lifecycle



- Easier reporting and accounting (incl. avoiding double counting)
- Scaling best practices on data models and digital solutions



- Real-time transparency around Article 6 authorization, mitigation outcome use, corresponding adjustments



- Easier to document and report on Article 6 activities and ITMO transfers
- Capacity building, knowledge sharing, connection with UNFCCC processes
- Increase trust and scale 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 | |

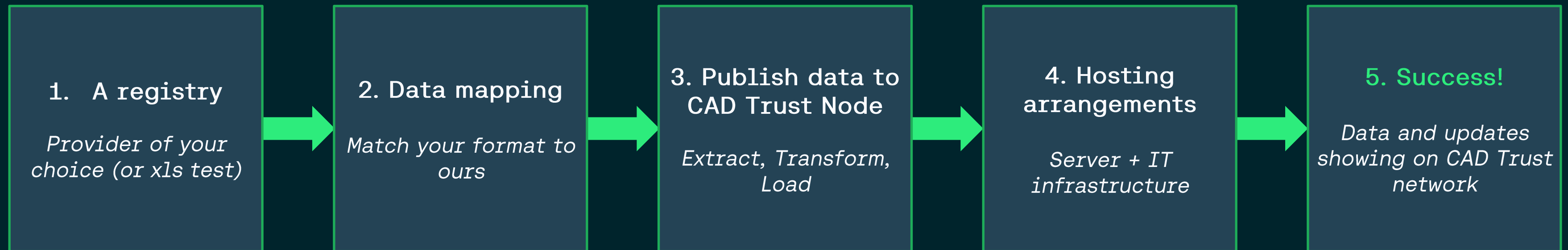
Advanced stages

| | |
|-------------------------------|----------------------|
| International Carbon Registry | Ghana |
| Acorn | Climafi |
| Climate Action Reserve | Plan Vivo Foundation |

Select prospects, pending registry/legal readiness

| | |
|-------------------|--------------------------|
| Singapore | Switzerland |
| Colombia | Peru |
| Argentina | Chile |
| Puro.earth | Gold Standard |
| ART TREES (REDD+) | American Carbon Registry |

Connection process



Next steps



- Informational session

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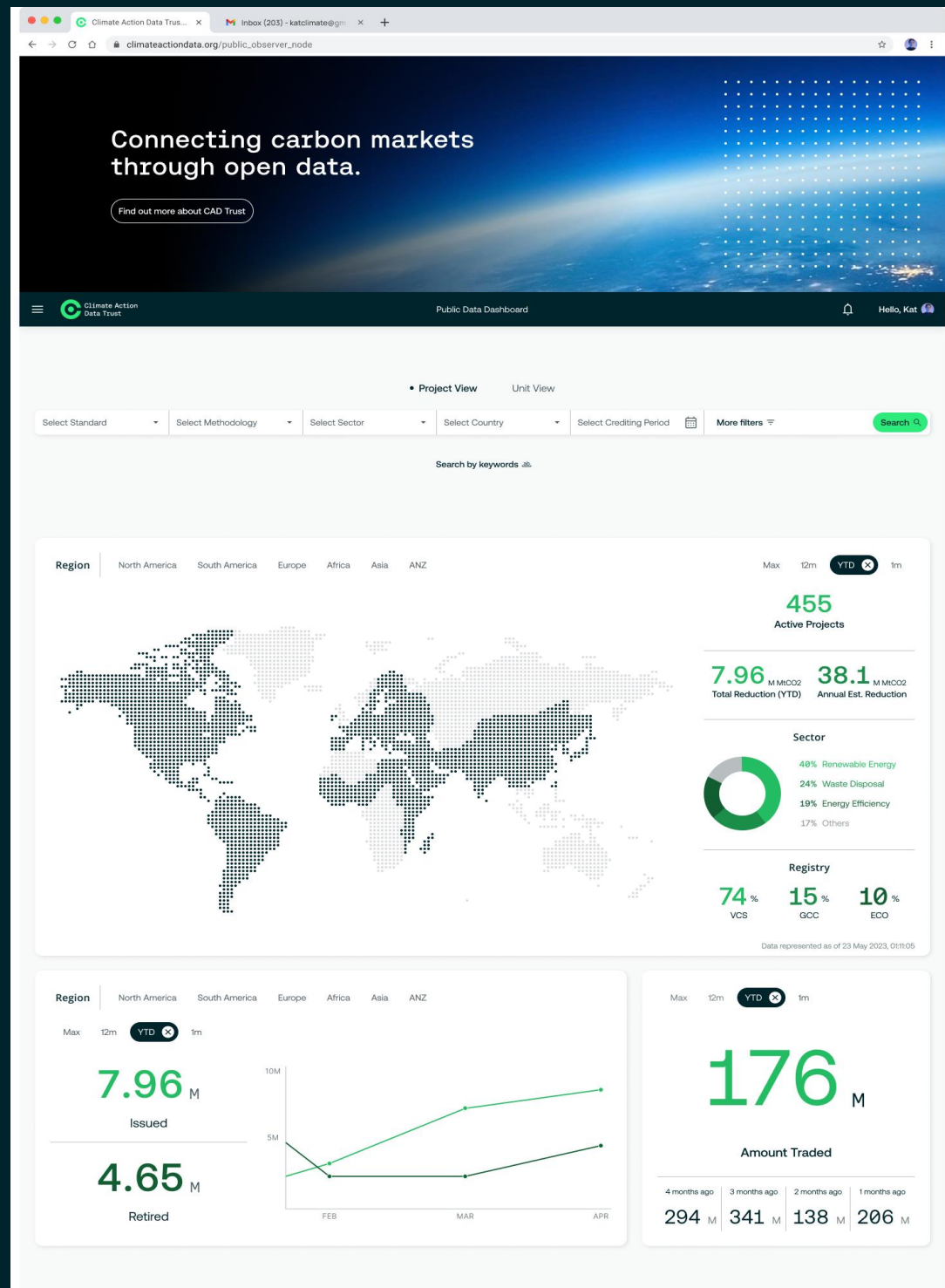
contact@climateactiondata.org



Appendix



Milestones to date



Nov 2019

Concept development starts at the World Bank

Mar 2022

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

Sep 2022

Data model and platform finalized after a series of simulations with governments and market participants

Dec 2022

CAD Trust starts operations as a not-for-profit organisation domiciled in Singapore

Jul 2023

Governance structure operationalised

Dec 2023

Data Dashboard launched at COP28 with 6 registries covering 85% of carbon market data

June 2024

Data Dashboard hit 1M visits

Collaborative global governance

