

Meet the Carbon Removal Alliance.

We're a nonprofit coalition made up of the most credible carbon removal innovators and buyers deploying high-quality projects around the globe.

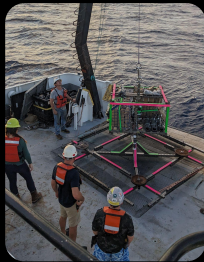
We're the bridge between innovators and policymakers—and the projects in their districts they'll actually care about.



Eion



Andes



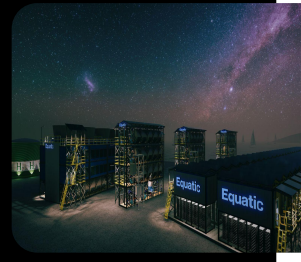
Carboniferous



CarbFix



Charm Industrial



Equatic



Carbon
Removal
Alliance

Building a **gigaton-scale carbon removal industry** that is categorically good for the climate, economy, and people.

Image courtesy of Climeworks.

We're driven by our principles of high-quality and durable removals

Durable

on timescales of 1000+ years

Additional

Removals would not have occurred without the project

Net-Negative

Must result in net removal of CO₂

Verifiable

Must be accompanied by transparent, robust MRV

Center Communities

Maximize co-benefits and minimize risk for communities

Our Members

An elite group of suppliers and buyers ensure that policies are shaped by the most credible players, not the lowest common denominator. It also means that we have a highly-engaged membership who can be activated for policy development and advocacy.

Our members



Demand is the greatest threat facing carbon removal today. **We will need a portfolio approach to reach our goals.**

Over the next year, CRA will outline the next generation of market creation policies, focused on policies that are:

- Feasible in the near-term
- Reflective of the current state of the field
- Address the needs of carbon removal buyers and suppliers

Progress towards our 10Gt Goal

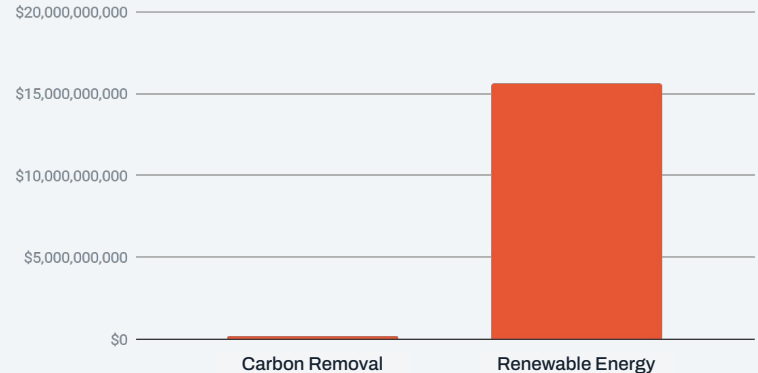


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Source: cdr.fyi

Carbon removal funding lags behind other climate solutions

Annual US government funding for climate solutions – FY22



MRV policy *is* demand policy

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Rigorous MRV ensures that carbon removal buyers get what they pay for.
Better MRV policy will result in more carbon removal buyers.

Strong MRV must underpin all carbon removal purchases and policies.

But challenges remain:

Lack of an authoritative standards body

Misaligned incentives

Lack of field-wide investments

Diversity of expectations from buyers

Lack of alignment and transparency

High cost

Rapidly evolving science

Governments can play a key role in leveling-up carbon removal MRV.

Those improvements should lead to more coordinated public and private sector efforts, higher quality standards and protocols, valuable systems-level data, standardized data reporting, and more innovation.

CRA's report outlines 12 recommendations for US government action on MRV.

Our recommendations were developed from research and interviews with key CDR experts, including from CDR companies, NGOs, academia, and government.

Key government roles in carbon removal MRV



Providing technical assistance for standards development

Recommendation: The federal government should resource its technical agencies and National Labs to inform third-party quantification standards.

DOE's role:

- Leveraging convening power to identify gaps in standards
- Issue best practices on technical elements that can raise the quality of third party quantification standards and/or address open questions

Recommendation: The federal government should issue guidance on minimum viable quantification standards to help accelerate alignment and improve market certainty in the near term.



Supporting non-governmental protocol development

Recommendation: Agencies should adopt pre-existing protocols in relevant carbon removal policies and programs.

Recommendation: The DOE should fund the National Labs to play a technical assistance role to civil society and private sector efforts on protocol development and improvement.

DOE's role:

- Adopt pre-existing protocols within carbon removal policies, including the CDR purchase pilot prize
- Utilize the CDR Purchase Prize to the greatest extent, including publishing:
 - A list of standards, protocols, and verification providers from the CDR purchase pilot prize.
 - A list of characteristics that they used to evaluate MRV standards, protocols, and associated MRV providers.
 - Contract language that ties MRV best practices to specific financial arrangements.
 - Best practices on MRV as part of the Voluntary Purchasing Challenge

CDR Purchase Pilot Prize

- The Purchase Pilot Prize was the first US Federal Government CDR program to require 3rd party MRV
- Suppliers must work with an approved MRV implementation partner to deliver credits to DOE
- Funding is from the Bipartisan Infrastructure Law and is currently subject to the mandatory 90-day review period

Assuming the program continues, DOE will:

- Approve MRV protocols by CDR pathway
- Approve verification providers by CDR pathway
- Review financial arrangements between suppliers and MRV implementation providers



Funding Innovation

Recommendation: The federal government should increase innovation funding on MRV across carbon removal pathways.

DOE's role:

- Embed MRV into carbon removal demonstrations like the CNS program
- Harness National Labs to provide CDR companies with supercomputing power and technical expertise to support private sector efforts on MRV innovation.
- Fund MRV hard tech and model development



There is still a path forward for MRV policy

1. MRV is critical if we want to integrate carbon removal into non-environmental policies
2. Fundamental research continues to be strongly bi-partisan

Thank you!



Image courtesy of Equatic