

Creating Accountability for Carbon Dioxide Removal (CDR) through Responsible Measurement



Welcome to the 5th Webinar on Carbon Dioxide Removal
Tuesday February 25th, 2025

Carbon Dioxide Removal (CDR) Webinar Series



The Science of Carbon Dioxide Removal: What Is It and Is It Needed?



Air, Land, Rock, Water: An Overview of Carbon Dioxide Removal Pathways



Carbon Dioxide Removal and Communities: Learning From the Past, Planning for the Future



Carbon Dioxide Removal and Communities: Benefits, Negotiations, Oversight, and Enforcement



Creating Accountability for Carbon Removal Through Responsible Measurement

NEXT WEBINAR:

**CDR Policy Levers
March 28th**

theclimatecenter.org/carbon-dioxide-removal-webinar-series/

CDR things to note



Carbon Dioxide Removal (CDR) \neq Carbon Capture



Carbon removal is necessary even if we zeroed-out all current CO2 emissions



CDR removes CO2 already in the atmosphere (legacy emissions)



Shared CDR principles

Removing past climate pollution from the atmosphere is essential to stabilizing our climate

We must accelerate cutting greenhouse gas (GHG) emissions and phasing-out fossil fuels

CDR is not a substitute for direct emission reductions

CDR projects should be community-centered and designed with input from communities

CDR projects must not exacerbate existing pollution and other environmental problems

Nature-based CDR is critical with its many co-benefits

CDR in California

2022

In California, AB 1279 set a goal of carbon neutrality by 2045

- 85% emissions reductions
- 15% CDR

CARB Scoping plan

- 7 MMT by 2030
- 75 MMT by 2045

2022



The voluntary carbon market and MRV

- Two possible CDR markets:
 - A voluntary carbon market (VCM) – parties volunteer to buy CDR
 - A compliance market – parties mandated to buy CDR
 - Today most of CDR is bought and sold in the voluntary market
 - MRV terminology and concepts are largely from the VCM world
 - Let's do a quick quiz!
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MRV terminology quiz - answers!

- Registry: a public ledger of carbon removal activities
 - MRV (Measurement, Reporting, Verification): a process to quantify & validate carbon removal
 - Protocol: technology- or industry-specific method for quantifying carbon removals
 - Standard: a set of project design & operations criteria to be met
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Q&A

- Please add your questions in the Q&A
 - You may not see others' questions in the box until they are answered in the box by a panelist or host
 - 5-min comment and questions after each presentation
 - 30-mins Q&A after all presentations are done
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