

# MI Carbon Dioxide Removal (CDR) Mission

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# About the Mission

**Goal** “100 in 10” – Enable CDR technologies to achieve a net reduction of 100 million metric tons of CO<sub>2</sub> per year globally by 2030.

**Scope** Technological CDR approaches, including:

- Direct Air Capture (DAC)
- Enhanced mineralization
- Biomass with carbon removal and storage (BiCRS)

Emphasis on secure CO<sub>2</sub> storage and conversion into long-lived products.

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# About the Mission (cont'd)

- Activities
1. Methodologies for lifecycle analyses (LCAs) and technoeconomic analyses (TEAs)
  2. RD&D for lower TRL CDR technologies
  3. Lessons learned from first-generation CDR projects and business models
- Coalition
- Co-leads – Canada, Saudi Arabia, United States
  - Members – Australia, European Commission, Japan, Norway, India, United Kingdom

# Next Steps for the CDR Mission

- **Finalize innovation roadmap** – mapping existing initiatives, assessing innovation gaps
- **Develop a mission action plan** – set out activities to deliver on mission objectives
- **Co-design projects with members and partners**

In the near-term:

- Seeking input and collaboration with country partners and stakeholders
- Building our network – new members and partners are always welcome
- Preparing for the Global Clean Energy Action Forum ([www.gceaf.org](http://www.gceaf.org)) under CEM13/MI7