

CDR : Exploring Practical Approaches to Technological Innovation

October 8 (Wed) – 9 (Thu), 2025

The Westin Tokyo, Japan

Program for Online participants (Final)

Objective	The purpose of this workshop is to provide an opportunity to support the expansion of the CDR market. It will also cover regional case studies of CDR technologies to seek an in-depth analysis of their impacts, challenges, and solutions, including perspectives on future collaboration. The workshop also builds connections for all invited speakers and participants.
Date	Oct 8 (Wed) 2025 9:30 - 17:00 JST / 2:30 - 10:00 CEST / 20:30 ⁻¹ - 4:00 EDT Oct 9 (Thu) 2025 9:30 - 16:50 JST / 2:30 - 9:50 CEST / 20:30 ⁻¹ - 3:50 EDT
Location	The Westin Tokyo, Japan
Format	Hybrid (Capacity: onsite 60-100, online 100-200)
Host	Ministry of Economy, Trade and Industry (METI), Japan
Main Sessions	<ol style="list-style-type: none">1. <u>CDR landscape</u>: Understanding the latest global trends, policies, and technologies2. <u>Accelerating CDR innovation for industrial development</u>: introducing demonstration projects and startups in DAC, BiCRS, and EM3. <u>Accelerating demand and markets for CDR</u>4. <u>Exploring regional case studies, such as those involving the private sector and local government, that contribute to regional revitalization</u>: an in-depth analysis of their impacts, challenges, and solutions from various contexts such as TEA, LCA, MRV, credits, co-benefits, and/or engagement.
Registration (for online participation)	Registration for online participation is required by October 7, 2025, in each time zone. Register here: https://forms.office.com/r/rvgQyzzd5X *In-person participation is by invitation only.
Others	<i>The workshop recording will be available for registered participants for 10 days after the event. Simultaneous English-Japanese interpretation will be provided on those day.</i>



[1] October 8 (Wed)

CDR Landscape

9:30 - 9:45 Welcome Address

Welcome Address: Host

- **Wataru Imamura, Deputy Director-General, Innovation and Environment Policy Bureau, Ministry of Economy, Trade and Industry**

Welcome Address: Mission Innovation

- **Dr. Eleanor Webster, Head of Secretariat, Mission Innovation (recorded presentation)**

9:45 - 10:15 Keynote – CDR in Global Climate Goals

IPCC AR WGIII representative provides the latest perspectives on CDR developments including global trends, policies, and technologies, including Q&A

- **Prof. Masahiro Sugiyama, Professor, Institute for Future Initiatives, the University of Tokyo**

10:15 - 10:45 Keynote – CDR Today

An update on the state of CDR globally, including Q&A

- **Tank Chen, Head of Community and Content, CDR.fyi**

[1] October 8 (Wed)

10:45 - 11:00 Keynote – MI CDR: Mission Overview

An update on where we are with MI-CDR

- **Rufaydah Alyamani, Sustainability and Climate Change Professional Engineer, Ministry of Energy, Kingdom of Saudi Arabia**

11:00 - 11:30 Morning Tea

11:30 – 12:20 National Policies and Activities - MI Member Countries

MI CDR Mission members present their visions, roadmaps, and related national policies on CDR development in the context of national decarbonization pathways

- **Dr. Andrew Lenton, Director, CarbonLock, CSIRO, Australia**
- **Takahiro Nagai, Deputy Director, GX Investment Promotion Division, Ministry of Economy, Trade and Industry, Japan**
- **Rufaydah Alyamani, Sustainability and Climate Change Professional Engineer, Ministry of Energy, Kingdom of Saudi Arabia**
- **Jørild Svaalestuen, Gassnova, Kingdom of Norway**
- **Jeroen Schuppers, Senior Expert, Clean Energy Transitions, Director General Research and Innovation, European Commission (recorded presentation)**

12:20 - 13:20 Lunch Break

Accelerating Demand and Markets for CDR

13:20 – 14:20 [Panel] Initiatives for Demand Growth and Market Development – Market

Provider and buyers of CDR offsets discuss the systems needed to ensure high-quality removals that are aligned with voluntary and compliance markets, data sharing

10 mins introduction each and 30 mins discussion, including Q&A

- **Dr. Mai Bui, Director of Climate Science, Supercritical, United Kingdom**
- **Genevieve Ding, Executive Director and Head of APAC Sustainability, JPMorganChase, Republic of Singapore**
- **Tadashi Sawamura, General Manager, Carbon Management Dept, Mitsubishi Corporation, Japan**

14:20 – 15:20 [Panel] Initiatives for Demand Growth and Market Development – Incentives & Policies

Introduction of policy mechanisms that support deployment, including AMCs, tax credits, procurement, regulatory sandboxes, or CDR frameworks to accelerate public-private investment, buyers, insurance

10 mins introduction each and 30 mins discussion, including Q&A

- **Nico Fairbairn, Head of Partnerships, State of Carbon Dioxide Removal, United States of America**
- **Ingvild Ombudstvedt, Managing Director and Lawyer, IOM Law, Kingdom of Norway**
- **Yukimi Shimura, Managing Director, Sustainable Business Division at MUFG Bank, Ltd., Japan**

15:20 – 16:00 Breakout Session

Speakers and audience will be divided into three themes to discuss challenges and recommendations for advancing demand and market for CDR

- **MRV - identify weaknesses and strengths of present MRV approaches, suggest improvements**
- **Financing and Investment - what is needed to encourage and speed up implementation**
- **Policy and Governance - how can authorities contribute to speeding up implementation**

16:00 - 16:20 Afternoon Tea

16:20 – 16:50 Breakout Session Report

Speakers: Breakout Leads

16:50 – 17:00 Wrap up of Day1

- **Juho Lipponen, CDR Mission Coordinator, Mission Innovation**

[2] October 9 (Thu)

Accelerating CDR Innovation for Industrial Development

9:30 - 10:30 ICEF2025 Session 6 CDR & Utilization <https://www.icef.go.jp/register/>

***Registration is required for anyone interested**

10:30 - 10:50 Morning Tea

10:50 - 11:10 Launch of DAC LCA/TEA Report

The session introduces DAC LCA/TEA report that analyzes case studies of DAC projects in several countries using a common LCA/TEA methodology

- **Dr. Shinichirou Morimoto, CCUS Assessment Research Team Leader, AIST, Japan**

11:10 – 12:00 Cutting-Edge Technologies and Initiatives

The session introduces demonstration projects and startups pitch each 10 minutes, including Q&A

- **Prof. Shigenori Fujikawa, Professor, Kyusyu University, Japan**
- **Dr. Akio Goto, Chief Agriculture Officer, Faeger Co. Ltd., Japan**
- **Charlie Renzoni, Vice President of Carbon Markets, Deep Sky, Canada**
- **Ehab Tasfai, Chief Technology Officer, 44.01, Sultanate of Oman**

12:00 - 13:00 Lunch Break

13:00 - 14:00 [Panel] From Pilot to Scale: Deployment Pathways for CDR Technologies and Bridging the Gap: Collaboration Between Researchers and Deployers

The session explores how to move from lab/pilot to full-scale deployment across engineered CDR types

- **Marcus Dawe, Founder and CEO, MCi Carbon, Australia**
- **Hanna Ojanen, Head of Carbon Markets and Policy, Carbo Culture, Republic of Finland**
- **Dr. Naser Odeh, Principal Fellow - CDR & CCUS, Climate & Sustainability, KAPSARC, Kingdom of Saudi Arabia**

Exploring Regional Case Studies

14:00 - 15:00 [Panel] Regional Perspectives and Challenges

This session provides an in-depth analysis of their unique impacts, challenges, and solutions from various contexts such as TEA, LCA, MRV, credits, co-benefits, and/or engagement accelerating CDR development and deployment

- **Vikram Vishal, Professor, Indian Institute of Technology Bombay, Republic of India**
- **Dr. Jizhe Li, Assistant Professor, Tsinghua University / China University of Mining and Technology, People's Republic of China**
- **Moriharu Okano, Senior Director, Industrial Policy Collaboration and Promotion, Industry Energy Policy Division, Tokyo Metropolitan Government, Japan**

15:00 - 15:40 Breakout Session

Speakers and audience will participate in:

- **Accelerating CDR Innovation - address the challenges and formulate recommendations**

15:40 - 16:00 Afternoon Tea

16:00 - 16:30 Breakout Session Report

Speakers: Breakout Leads

16:30 - 16:40 Vision of MI CDR and Next Step

- **Juho Lipponen, CDR Mission Coordinator, Mission Innovation**

16:40 - 16:50 Closing - METI

- **Hiroki Watanabe, Director, Innovation and Environment Policy Bureau, Ministry of Economy, Trade and Industry**

Should you have any questions, please contact
CDR Mission Hybrid Workshop secretariat team: midtc@tohmatu.co.jp