

TERMS OF REFERENCE

Carbon Digital Conference 2026

Plenary 3

Scaling Technology-Based Carbon: Update on CCS & CCUS Projects

Date: 8-9 December 2026

Venue: Sheraton Grand Jakarta Gandaria City
Jakarta, Indonesia

I. About CDC 2026

The Carbon Digital Conference (CDC) is the flagship annual international conference organized by the Indonesia Carbon Trade Association (IDCTA) to convene policymakers, market participants, investors, project developers, financial institutions, technology providers, and international organizations in advancing Indonesia's carbon market ecosystem.

Following the successful implementation of previous conferences, CDC2026 marks another important milestone as Indonesia enters a new phase of carbon market development. The implementation of the new Presidential Regulation No. 110/2025, the strengthening of Indonesia's National Registry System (SRN-PPI) and Unit Carbon Registry System (SRUK), increasing international cooperation under Article 6.2 of the Paris Agreement, and growing demand for high-integrity carbon credits have created significant momentum for Indonesia to become a regional carbon market hub.

However, despite abundant carbon resources, market growth continues to face several challenges, including:

- limited market liquidity;
- insufficient corporate demand;
- financing constraints for project development;
- evolving international compliance requirements;
- fragmented digital monitoring systems;
- the need for Internationally recognized methodologies and standards that aligns with Indonesia's unique landscape.

CDC2026 is designed to address these challenges by bringing together domestic and international stakeholders to accelerate market readiness, strengthen buyer confidence, mobilize investments, and expand international market access.

The conference also introduces several new initiatives, including the Carbon Bazaar, dedicated Indonesia–Japan collaboration sessions, business matching programmes, and discussions on innovative financing mechanisms to support the scaling of Indonesia's carbon economy.

II. Plenary Session Details

- **Title**

Scaling Technology-Based Carbon: Update on CCS & CCUS Projects

- **Description**

This session will explore the development and scaling of technology-based carbon projects, with a particular focus on Carbon Capture and Storage (CCS) and Carbon Capture, Utilization and Storage (CCUS) projects in Indonesia and internationally. The discussion will provide an update on major CCS and CCUS initiatives, including developments in Indonesia and international project experiences.

The panel will highlight emerging projects such as the BP UCC Project, the Masela Project, and blue ammonia initiatives at PT PAU, alongside international CCS projects being developed and registered under Verra in the United States. Speakers will discuss the role of CCS and CCUS in reducing emissions from hard-to-abate sectors and the potential for these technologies to contribute to Indonesia's carbon market and decarbonization targets.

The session will also feature a Technology-Based Carbon Bazaar, providing a platform for project developers, technology providers, investors, buyers, and other market participants to showcase CCS, CCUS, and other technology-based carbon projects and solutions. The Carbon Bazaar will facilitate direct engagement and explore opportunities for project financing, investment, technology partnerships, and carbon credit offtake.

The session will also examine key challenges and opportunities in scaling CCS and CCUS projects, including project financing, carbon credit methodologies, regulatory requirements, technology deployment, and international market access. Particular attention will be given to the implications of international regulations such as the EU Carbon Border Adjustment Mechanism (CBAM) for emissions-intensive industries and the potential role of CCS and CCUS in maintaining the

competitiveness of Indonesian industries in global markets.

- **Day, Date and Time**

Tuesday, 8 December 2026 at 4:35PM-5:30PM

- **Place**

Sheraton Grand Jakarta Gandaria City Hotel
Jl. Sultan Iskandar Muda, Kebayoran Lama Utara,
Kec. Kebayoran Lama, Kota Jakarta Selatan,
Daerah Khusus Ibukota Jakarta 12240

- **Potential Panelists and Carbon Bazaar**

- BP UCC Project*
- Masela Project*
- Blue Ammonia at PT PAU Project*
- Steel Manufacturers Association — CBAM Regulations*
- CCS Project in the United States — Verra-registered project*

** The above list of potential panelists is indicative and subject to confirmation.*

- **Moderator**

- PwC Indonesia*