

# South East Asia CCS Accelerator Workshop (SEACA)

## Part III: Creating a Transnational Asian CCS Value Chain

27 - 28 August 2024

Grand Ballroom 1, Renaissance KL Hotel & Convention Centre

Kuala Lumpur, Malaysia

### Agenda (updated July 2024)

#### Day 1: 27 August 2024

**8.30 am – 9.00 am**

**Registration & Networking**

#### **Session 1. Opening**

**9.00 am – 10.30 am**

Presentations from the host country, partners, sponsors, and hosts.

- Global CCS Institute: Welcome & Introduction by Alex Zapantis, GM External Affairs
- Ministry of Economy of Malaysia: Secretary-General
- ASEAN Centre for Energy: Dr. Nuki Agya Utama, Executive Director
- ERIA: Phoumin Han, Senior Energy Economist
- ANGEA: Alexander Yelland, Director of Policy
- Global CCS Institute: Overview of CCS in SE Asia – Opportunities & Challenges
- MOU Signing Ceremony: ASEAN & ANGEA

Morning Tea

10.30 am – 11.00 am

#### **Session 2. Opportunity for an Asian CCS Value Chain**

**11.00 am – 1.00 pm**

Governments will provide their perspectives on the potential for an international CCS value chain to support the achievement of net zero emission targets. Issues may include the opportunity for each nation to provide CO<sub>2</sub> storage services or the need to export CO<sub>2</sub> to other nations for storage, a summary of current activities and projects, the key issues that must be successfully addressed from a government perspective to enable the creation of an Asian CCS Value Chain and thoughts on how to address those issues.

- Australia: Naomi Montalto, Assistant Director, Transboundary CCS Section, DCCEEW
- Indonesia: Directorate General of Oil and Gas, Ministry of Energy and Mineral Resources
- Malaysia: Dr. Noranida Zainal, Advisor, Environmental and Natural Resources, Ministry of Economy
- Singapore: Jonathan Koh, Senior Assistant Director, Industry Division (Climate Change & Sustainability), Ministry of Trade & Industry
- Thailand: Dr. Apiradee Suwannathong, Senior Geologist, Department of Mineral Fuels, Ministry of Energy of Thailand
- Japan: Mikiya Yamashita, Specialist for Research and Development, Carbon Management Department, METI
- Timore-Leste: Luzerio Teme, CCS Coordinator in the CCS division of the Ministry of Petroleum and Mineral Resources
- Panel Discussion moderated by Phoumin Han, Senior Energy Economist, ERIA
  - Projects/plans/opportunities for participating in international CO<sub>2</sub> storage trade.
  - Do the governments have their legislation/frameworks in place for cross-border transactions?
  - What are the cross-border carbon accreditations?
  - How should nations coordinate and collaborate to advance the CCS value chain?
  - Q&A with the audience.

Lunch

1.00 pm – 2.00 pm

### Session 3. International Law

**2.00 pm – 3.15 pm**

This session will focus on international law relevant to the transboundary transport of CO<sub>2</sub> for geological storage. Relevant international treaties or laws such as the London Convention will be discussed together with how critical issues such as the long-term liability for stored CO<sub>2</sub> are treated under international law.

- Allen & Overy: Scott Neilson, Partner
- Ashurst: Guy Dwyer, Counsel
- *Additional speakers will be confirmed*
- Panel Discussion moderated by Ian Havercroft, GM Knowledge & Analysis, Global CCS Institute
  - Legal requirements and perspectives for transborder transportation, export, import, and storage.
  - Q&A with the audience.

Afternoon Tea

3.15 pm – 3.45 pm

### Session 4. Bilateral and Multilateral Agreements

**3.45 pm – 5.15 pm**

International trade in CO<sub>2</sub> storage services will require government-to-government agreements addressing issues including the regulation of CO<sub>2</sub> storage, transfer of ownership and liability, and how national carbon accounts will be managed. This session will enable project developers to share their perspectives on these agreements, and how they impact projects including for example how they may interact with commercial contracts.

- ExxonMobil: Casey Delhotal, Vice President for Government Relations, Asia Pac, Low Carbon Solutions
- Santos Ltd: Matthew Sherwell, Senior Manager Regulatory & Market Development
- *Additional speakers will be confirmed*
- Panel Discussion moderated by Alex Zapantis, GM External Affairs, Global CCS Institute
  - Presenters from these private project developers will share their perspectives.
  - Q&A with the audience.

### GALA DINNER

**7.30 pm – 9.30 pm**

Grand Ballroom 1, Renaissance KL Hotel & Convention Centre

*An opportunity to network with fellow delegates in a relaxed setting.*

*Dress Code: Traditional or Smart Casual*

## Day 2: 28 August 2024

**9.00 am – 9.20 am**

**Registration & Networking**

### Session 5. Carbon Accreditation for CCS Projects

**9.20 am – 10.30 am**

The recognition and monetisation of abatement from any activity including CCS require rigorous, transparent, and verifiable methods to calculate abatement delivered. This session will focus on methods and carbon accounting requirements relevant to an international Asian CO<sub>2</sub> storage value chain including the creation and ownership of carbon credits.

- ANGEA: Alexander Yelland, Director of Policy
- ExxonMobil: Casey Delhotal
- *Additional speakers will be confirmed*
- Panel Discussion moderated by Alexander Yelland, Director of Policy, ANGEA

Morning Tea

10.30 am – 11.00 am

## Session 6. Technical, Operational & Infrastructure Requirements

11.00 am – 12.30 pm

The transport and subsequent storage of CO<sub>2</sub> requires significant infrastructure that must be designed and operated to ensure safety and efficiency. Further, the CO<sub>2</sub> itself will need to meet certain requirements. This session will explore these requirements including how common standards could be applied to support an Asian CCS Value Chain.

- BP: Zulfikri Agus, Performance Manager, BP Asia Pacific
- K-Line
- MHI
- Chevron: David Fallon, General Manager, Chevron
- *Additional speakers will be confirmed*
- Panel Discussion moderated by Alex Zapantis, General Manager, External Affairs, Global CCS Institute

Lunch

12.30 pm – 1.30 pm

## Session 7. International Support and Investment

2.00 pm – 3.45 pm

International collaboration and investment in CCS in Asia will be essential to support the creation of a CCS Value Chain in the region. Speakers in this session will describe the relevant activities of their organisations for support, financing, and investment in CCS in South East Asia.

- World Bank Assistance: Dr. Harshit Agrawal, Senior Energy Specialist, The World Bank
- Asian Development Bank Program: Atsumasa Sakai, Senior Energy Specialist, Asian Development Bank
- Japanese Initiatives:
  - Kazuki Kobayashi, Researcher, Planning Division, CCS Project Department, Japan Organization for Metals and Energy Security (JOGMEC)
  - Makoto Kunieda, Deputy Director, Advanced CCS Project Division, CCS Project Department, Japan Organization for Metals and Energy Security (JOGMEC)
- Panel Discussion moderated by Matt Steyn, Public Affairs Manager APAC, Global CCS Institute
  - How can bilateral and multilateral partnerships enhance the effectiveness of CCS projects in the region?
  - What lessons can we learn from successful case studies of international collaboration in Asia and other jurisdictions? How might those lessons be applied?
  - What might public-private partnerships look like as CCS continues to scale in Asia, and what are the necessary steps to ensure that is achieved?

## WORKSHOP CLOSE

3.45 pm - 4.00 pm: Alex Zapantis will conclude the workshop with a summation of the 2 days.