

11<sup>TH</sup> APRIL 2023

# **GCCSI COMMERCIAL TEAM ACTIVITIES**

**JAPAN MEMBER STUDY MEETING  
11<sup>TH</sup> APRIL 2023**

**MATT LOUGHREY  
PRINCIPAL CONSULTANT CCS TECHNOLOGIES**



GLOBAL CCS  
INSTITUTE

# AGENDA

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- Commercial team overview
- Current activities and projects





# TEAM PRINCIPALS

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Alex Zapantis  
General Manager,  
Commercial



Matthew Loughrey  
Principal,  
Capture  
Technologies



Chris Consoli  
Principal,  
Storage



Eric Williams  
Principal,  
Economics



Ian Havercroft  
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Selim Cevikel  
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**NEW**



# POLICY, LEGAL & REGULATORY GROUP

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Bernadene Smith  
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Errol Pinto  
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Nabeela Raji  
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# TECHNOLOGIES GROUP

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# STORAGE GROUP

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**NEW**



TBC  
Senior Consultant,  
Storage  
**NEW**



Leila Sedghamiz  
CCS Data Analyst





# COMMERCIAL TEAM ACTIVITIES

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## Projects

- SE Asian CCS Accelerator or SEACA:
  - Purpose: help accelerate investment in CCS in SE Asia
  - Challenges to addresses:
    - The absence of specific and comprehensive CCS regulation
    - Insufficient enabling policy to support a business case for investment
    - Lack of data and appraisal of geological storage resources for CO<sub>2</sub>
  - Operating principals:
    - Collaboration – key stakeholders in the region will drive SEACA
    - Actionability – outputs will be specific, actionable, and focused on addressing barriers to CCS deployment
    - Urgency – will focus on near-term CCS deployment opportunities
- 3 pillars: Policy/Economic, Regulatory, and Storage



# COMMERCIAL TEAM ACTIVITIES

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- ERIA: several related studies focused on CCS in the ASEAN region
  - CO<sub>2</sub> storage potential
  - Asia CCUS value chain as a collective framework
  - Study on legal and policy framework for CCUS
  - Study on financial framework for CCUS
- Developing a white paper focusing on the long-term potential for CCS in Asia, focusing on SE Asia + Japan, South Korea and Australia
  - Policy/legal/regulatory analysis
  - CO<sub>2</sub> storage atlas
  - Energy/economic modelling analysis (using GENZO) + economic impact analysis
- Undertaking market analysis for CCS in SE Asia and assessment of barriers to US technology exports





# COMMERCIAL TEAM ACTIVITIES

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- Preliminary Plan to Pilot Transboundary Transport of CO<sub>2</sub> for storage
- Finalizing a joint venture Western Australian CCS Hub Study with CSIRO for the WA Government and consortium of LNG operators
- Finalizing a CCS Hub Study in Egypt
- Several study opportunities arising in the Middle East and North Africa (MENA) region and China

## Events

- In Feb held the Australia and Southeast Asia CCS conference - 150+ delegates attended
- Attending Future Energy Asia and Gastech later in the year

## Member Services Updates

- Undertaking an update to CO<sub>2</sub>RE
  - Improved usability and cleaner design
  - Additional data from Finance to CCS Technologies being considered
  - Progressing biennial update of the Readiness Indicator



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# THANK YOU