

# *Ecosperity Week 2026*

## *Unlocking the CCS Value Chain: Business Models for a Regional (APAC) CO<sub>2</sub> Market*

### **Your session title**

Unlocking the CCS Value Chain: Business Models for a Regional CO<sub>2</sub> Market

### **Your session date, time and place**

**Date:** Wednesday 20 May 2026

**Time:** 15:00-16:30 SGT

**Location:** Singapore Business Federation Center

### **Your session description (200 words)**

Asia Pacific is entering a decisive period on the road to 2030. Across the region, leaders are looking for solutions that combine innovation with purposeful collaboration in order to deliver real progress on industrial decarbonisation. Carbon Capture and Storage is one of the strategic tools that can support this shift, but many organisations still face uncertainty about how to build commercially viable projects and how to engage in a regional CO<sub>2</sub> market that connects multiple countries.

This session examines the commercial, regulatory and organisational conditions that shape successful CCS development. It will explore how companies can create workable value chain arrangements, build trusted partnerships, engage effectively with governments and navigate the complexity of moving CO<sub>2</sub> across borders when emitters and storage providers are located in different places. The discussion will highlight how new business models and coordinated regional design can turn ambition into practical action and help the region progress with purpose toward its 2030 goals.

To anchor the conversation in current regional activity, the session aims to feature speakers involved in emerging collaborative initiatives across Asia Pacific, including multi-party studies and industry led efforts to evaluate shared infrastructure and hub concepts. These contributors will provide insight into how such initiatives are shaping understanding of regional needs, revealing early lessons, building alignment and helping to define what a connected CO<sub>2</sub> market could look like in practice.

Insights from this session will directly inform the next phase of the WBCSD CCS Asia Pacific programme.

### **Session impact (100 words)**

Participants will leave with:

- A clear understanding of the commercial, regulatory and organisational factors that shape credible CCS development in Asia Pacific and how these influence the creation of investable regional pathways.

- Practical insight into what is needed to build workable value chain arrangements including alignment between emitters, transport providers and storage operators across different national contexts.
- An informed view of how new business models and coordinated regional design can support Asia Pacific's progress toward its 2030 goals through innovation and purposeful collaboration.
- A clear pathway to continued engagement through the WBCSD process including opportunities to contribute to shared solutions and help advance a cohesive regional CCS ecosystem.

## Session's run of show

Find below the draft run of show of the session:

Time	Section	Description	Speaker
10'	Welcome and framing	Welcome Set expectations: Explanation of the session format and expected outputs	TBD, WBCSD
10'	Context setting	Provide key grounding messages to set the scene <ul style="list-style-type: none"> <li>• Regional context for CCS development</li> <li>• Overview of current momentum and persistent challenges</li> <li>• High level outline of commercial, regulatory and organisational barriers</li> </ul>	TBC
10'	Member perspective	<ul style="list-style-type: none"> <li>• What we are learning from active regional initiatives</li> <li>• Hub development and the different roles in the value chain</li> <li>• The critical role of partnerships</li> </ul>	TBC
20'	Open discussion	Open discussion: <ul style="list-style-type: none"> <li>• What challenges does your organisation face in exploring CCS?</li> <li>• Where do commercial or regulatory gaps appear?</li> <li>• What regional coordination would make the greatest difference?</li> </ul> Including sharing of key outcomes from discussion	All
10'	Member perspective	<ul style="list-style-type: none"> <li>• Cross border collaboration to match sources and sinks</li> <li>• Candidate business models for a connected CO2 market</li> </ul>	TBC

		<ul style="list-style-type: none"> <li>Partnership building and commercial requirements</li> </ul>	
20'	Open discussion	<p>Open discussion:</p> <ul style="list-style-type: none"> <li>What practical steps could reduce constraints identified earlier?</li> <li>What partnership approaches could support cross border arrangements?</li> <li>What enabling actions from governments or industry bodies would create momentum?</li> </ul> <p>Including sharing key outcomes from discussion</p>	All
10'	Live poll and wrap up	<p>Move from insights to APAC program</p> <p>Why WBCSD is leaning in to impactful work that accelerates CCUS in Asia Pacific over a multi-year program.</p>	TBC, WBCSD

### Session owners:

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