

Energy Transition Executive Summary (Q1 2026, Oceania)

Carbon Capture, Transportation and Storage (CCS T&S)

Australia continues to position CCS as enabling infrastructure for hard-to-abate sectors. Q1 2026 highlighted progress on **cross-border CO₂ transportation policy readiness**, reinforcing Australia's comparative advantage in regulated geological storage and London Protocol alignment. Ongoing scale-up of Gorgon and Moomba underpins credibility, while hub-based CCUS models in Western Australia remain central to industrial decarbonisation strategies. [[connectsci.au](#)], [[hamrenergy.com](#)]

Low Carbon Hydrogen

Low-carbon hydrogen activity remains robust across Australia and New Zealand. The **Kapuni Green Hydrogen Project** in New Zealand reached financial close, integrating wind generation with on-site electrolysis to supply transport fuel and industrial demand. Australia continues to advance its **National Hydrogen Strategy (2024 update)** and production incentives, sustaining a pipeline of export-oriented hydrogen and derivatives despite ongoing execution and offtake risks. [[ga.gov.au](#)]

e-Ammonia

Momentum continues around green and low-carbon ammonia, particularly in **Pilbara-based export and bunkering concepts** linked to shipping decarbonisation. Port-led collaborations and safety frameworks advanced in early 2026, strengthening readiness for ammonia as a maritime fuel while export-scale projects progress toward FID later this decade. [[dcceew.gov.au](#)]

e-Methanol

e-Methanol emerged as a near-term scalable pathway for shipping and as a precursor to SAF. **HAMR Energy's Portland Renewable Fuels project** advanced through funding and FEED activities, targeting large-scale green methanol production using biomass and renewable hydrogen. International airline and OEM interest signals growing demand certainty for methanol-based pathways. [[australian...ing.com.au](#)], [[research.csiro.au](#)]

e-SAF (Sustainable Aviation Fuel)

Australia recorded a milestone with **South Australia selected for the country's first methanol-to-jet SAF facility**, converting low-carbon methanol into drop-in aviation fuel. The project aligns with state and federal priorities on fuel security, regional jobs, and aviation decarbonisation, positioning Australia as an Asia-Pacific SAF supplier over the next decade. [[aurecongroup.com](#)]

Renewable Fuels

Broader renewable fuels activity accelerated, supported by state diversification funds, aviation offtake interest, and industrial policy alignment. Biomass-to-liquids, renewable diesel, and SAF pathways are increasingly framed as complements to electrification for hard-to-abate transport and mining sectors. [\[australian...ing.com.au\]](#)

Other Relevant Developments

- Strengthening **policy coherence** across hydrogen, CCUS, and low-carbon fuels continued, with clearer signals on investment facilitation and skills development.
 - Regional focus shifted toward **energy resilience and domestic fuel security**, shaping project prioritisation alongside emissions reduction goals. [\[ammoniaenergy.org\]](#), [\[csiro.au\]](#)
-

Strategic Summary

Q1 2026 confirms Oceania's transition from pilot projects to **integrated, bankable low-carbon fuel systems**. Hydrogen derivatives (ammonia, methanol, SAF) are emerging as the most commercially advanced decarbonisation routes for aviation, shipping, and heavy industry, while CCS underpins competitiveness in legacy sectors. Near-term opportunities lie in **fuel-production equipment, electrolyzers, CO₂ transport infrastructure, and port-based systems**, with medium-term upside from export demand into Asia-Pacific markets as policy and offtake frameworks mature.

Theme	Country	Headline	Date	Link
Low Carbon Hydrogen	New Zealand	Kapuni Green Hydrogen Project (NZ) reaching financial close (Low-Carbon Hydrogen)	2/23/2026	us-prod.asyncgw.teams.microsoft.com
e-SAF	Australia	South Australia selected for Australia's first methanol-to-jet SAF facility (e-SAF)	3/4/2026	News Kapuni Green Hydrogen Project: Supporting New Zealand's energy transition
e-Methanol	Australia	HAMR Energy's Portland Renewable Fuels progress and funding close	2/23/2026	Portland Renewable Fuels – HyResource
			3/4/2026	South Australia chosen for HAMR Energy's first Australian methanol-to-jet SAF plant - Australian Manufacturing
CCS Transportation and Storage	Australia	Cross-border CO₂ transport and CCS policy readiness in Australia (CCS T&S)	3/30/2026	HAMR Energy - Renewable Fuel Platform