



FEnEx CRC News

May 2026



It's time to unlock Australia's untapped potential to export helium

Recently, our CEO discussed Australia's opportunity to supply the global helium market in an interview with the ABC, sharing his expertise on the subject.

He highlighted that the co-location of helium and natural gas presents significant potential for Australia, but producers are lacking government incentives to encourage helium extraction, which has led to a missed opportunity to capitalise on existing helium reserves.

Read the full article [here](#).



Spotlighting our methane emissions quantification and mitigation initiatives

We were excited to present at the Australian Energy Producers (AEP) Conference and Deloitte's Methane Masterclass this month, where FEnEx CRC Foundation Fellow Bruce Norris showcased the CRC's [research](#) on quantifying and mitigating methane emissions and outlined our plans to establish a National Greenhouse Gas Emissions Measurement (NGEM) facility.

The NGEM will be Australia's first permanent controlled-release test facility dedicated to emissions measurement, and will provide local industry with a testing ground to meet

future National Greenhouse and Energy Reporting and Safeguard requirements, while also supporting Australia's international climate reporting obligations.

Bruce also highlighted new FEnEx CRC capabilities developed in partnership with The University of Western Australia to perform controlled release testing in lab and outdoor environments. Furthermore, he detailed the CRC's ongoing efforts to establish a hydrogen production and liquefaction hub at the [Kwinana Energy Transformation Hub](#), and shared details on our successful collaboration with Woodside and INPEX on fugitive emissions research, technology qualification and operational training using state-of-the-art methane detection equipment.



Closing soon: Round 23 call for project proposals

Do you have a research project proposal or idea and are seeking collaboration with FEnEx CRC Participants? Whether you have a project proposal with a complete budget or just an idea, we'd love to hear from you.

Round 23 closed on **8 June 2026**. Find out all you need to know to apply [here](#).

Latest Publications

- [The Solubility of Solid Hydrogen Sulfide in Methane](#)
- [Enhancements and optimization of LNG cold energy recovery via advanced binary working fluid power cycle systems](#)
- [Multiobjective optimisation of Hydrogen integrated hybrid renewable energy systems using an adaptive evolutionary framework](#)
- [First steps for an Australian fugitive emissions testing centre](#)

View all FEnEx CRC publications on our website [here](#).

For Your Calendar



MONTHLY COLLOQUIUM

From refuelling to fertilizer-commercial applications of green hydrogen in New Zealand and Australia

Amelia Rentzios
Hiringa Energy

In this month's colloquium, hear from Amelia Rentzios, Hiringa Energy's Head of Operations, and lead on Hiringa's Refuelling Business Unit.

Amelia will discuss Hiringa Energy's Australian projects, including a green fertiliser project in Moree, NSW, and provide an update on their NZ Green Hydrogen Refuelling Network initiative.

29 May, 08:45 – 10:00 (AWST)

From refuelling to fertilizer-commercial applications of green hydrogen in New Zealand and Australia

Amelia brings over 15 years' experience in production engineering and operations management, including managing oil and gas production facilities both in New Zealand and internationally, including the Maui onshore asset. This has set her up well to build the operating and commissioning capability within Hiringa Energy.

To register, fill out the contact form on our [Connect](#) page and tick the 'monthly colloquium' box.

Thank you to our partners and researchers who steadfastly support this collaborative effort towards the decarbonisation of Australia's energy exports.



Cooperative Research Centres Program

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