FEnEx CRC News • October 2026

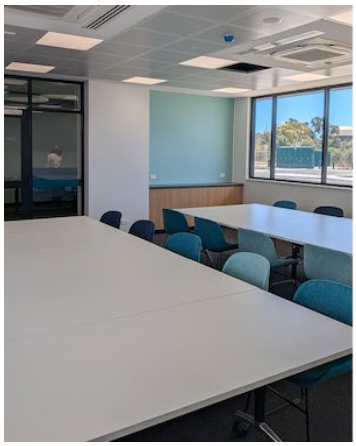
FEnEx CRC welcomes Diana Boykett as new COO



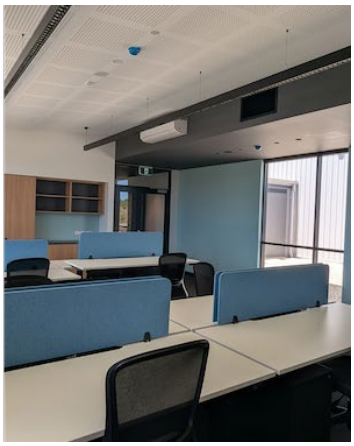
Diana Boykett has joined FEnEx CRC as Chief Operating Officer, bringing a wealth of experience in research administration at the intersection of industry and academia. Most recently, she worked at The UWA Institute of Agriculture, where she managed a multidisciplinary research program alongside the commercial operations of Ridgefield Farm, UWA's 1,600-hectare commercial and research facility.

Diana is well versed in research pertaining to measuring methane emissions, although livestock burping into a feeding station may be a little less precise than the methods we're accustomed to at FEnEx CRC!

A keen science communicator, Diana is looking forward to helping bring the story of FEnEx CRC's research impact to life.



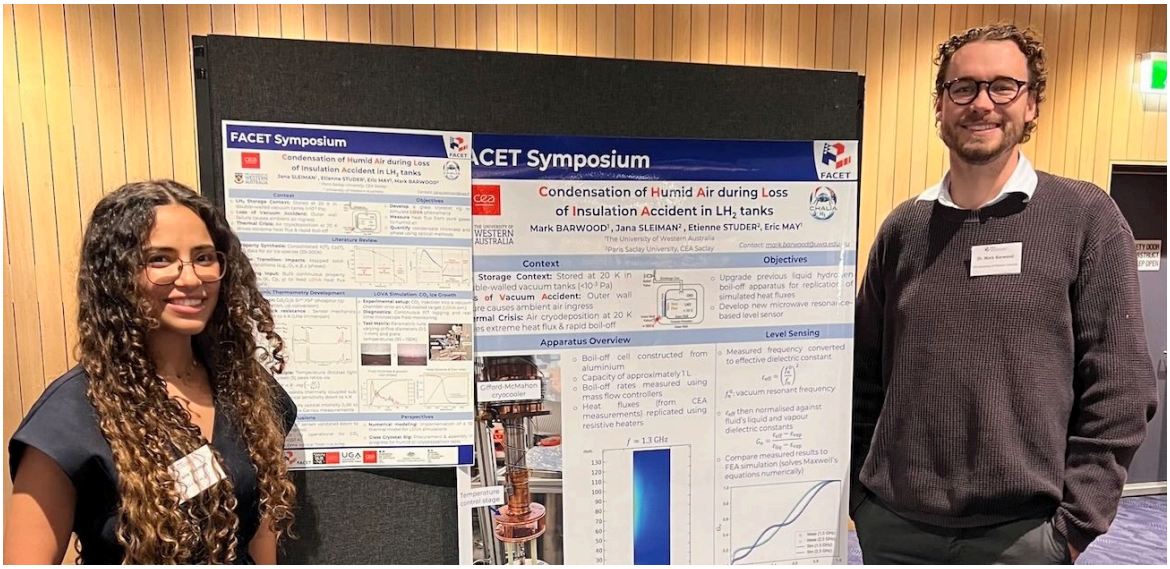




Progress update: Kwinana Energy Transformation Hub (KETH)

The Kwinana Energy Transformation Hub R&D and Training Facility (Stage 1) has progressed to site handover. The north facing entry and exit gates have been installed and fit out of the office area and training room completed. Recently, we have welcomed a number of groups for site tours and have received positive feedback about the facility.

The KETH Process Plant (Stage 2) is on schedule and progressing well through detailed design with HAZOPS scheduled to be held in November and December.



Showcasing FEnEx CRC research at the Franco-Australian Indo-Pacific Centre for Energy Transition (FACET) Symposium

This week in Sydney, former FEnEx CRC Scholar Mark Barwood attended the FACET Symposium to present on our collaborative project with the French Alternative Energies and Atomic Energy Commission (CEA) for the Condensation of Humid Air during Loss of Insulation Accident in LH2 tanks (CHALIA).

The project, which received funding through FACET, aims to fill the knowledge gaps in liquid hydrogen storage safety and predictive boil-off gas modelling by acquiring experimental data and developing numerical models. Whilst CEA will undertake small-scale experiments related to the loss of insulation vacuum in the event of an accident, UWA and FEnEx CRC will be adapting an existing setup to measure the effects of heat fluxes on liquid hydrogen boil-off.

Commonwealth Milestone Reports available for review

For your Calendar



27 November, 08:45 – 10:00 (AWST)

Developing Methane Technologies for Large Footprint Emission Sources: from Canadian landfills to Australian Coal mines

Join us on 27 November to hear from Dr David Risk, professor at St. Francis Xavier University (StFX) and founder and leader of FluxLab, an internationally recognised research group specialising in greenhouse-gas measurement and technology development.

FEnEx CRC is collaborating with research partners from St. Francis Xavier University in Canada and Stanford University in the United States to host a world-first research facility to deliver the SIMFLEX-COAL project, designed to test the capabilities of a range of atmospheric measurement technologies to improve how methane emissions from open-cut coal mines are detected and measured. In March 2026, FEnEx CRC was confirmed as the project's Australian Partner.

To register, fill out the contact form on our Connect page and tick the 'monthly colloquium' box.

Net Zero Australia's (NZAu) Decarbonising Heavy Industry report launch
5 November, 5:00 pm – 6:30?pm AEST (The University of Queensland and online)

Net Zero Australia Annual Conference
10 December, 8:00 am – 4:30 pm AEST (Customs House, Brisbane).

Latest Publications

- Impact of Release Temperature on Hydrogen Jet Mixing with Ambient Air
- Improved Correlations for the Static Dielectric Constant of Hydrogen
- View all FEnEx CRC publications on our website here.

PhD Completions

Congratulations to Bruno da Silva Falcao and Deepak Uniyal on completing their PhDs with FEnEx CRC at The University of Western Australia and Queensland University of Technology respectively.

Bruno's PhD, *Experimental Study of Ortho- to Parahydrogen Conversion at Liquid Nitrogen Temperature*, aimed to design and commission an ortho-para hydrogen conversion reactor to study this reaction, especially its kinetics.

Deepak's PhD, *Cross-Lingual and Semi-Supervised Learning for Analysing Emerging Technology Discourse on Social Media*, focussed on building a (semi-)automated system to analyse and understand people's perceptions, sentiments, and behaviour towards emerging trends and issues on social media platforms with respect to Australia, considered a Hydrogen export industry.

Australian Government
Department of Industry, Science and Resources
Cooperative Research Centres Program

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