

WREC2026

2030 Horizon: The Path to Net Zero
Emissions with Renewable Energy

Western Australia
8 – 11 February 2026

Status of Hydrogen Industry in Australia Growth Opportunities and Emerging Technologies Interactive Short Course + Networking Reception

Sunday 8 February 2026 12:30 – 4:30 pm – Murdoch University



The Hydrogen Economy Group (H2E) with the support of the Hydrogen Society of Australia (HSA), will deliver a Hydrogen Economy Short Course at the WREC2026, providing delegates with a comprehensive introduction to hydrogen's role in the economy. This short course will enable participants to explore the opportunities and challenges of hydrogen in achieving a sustainable energy future. Delivered by leading academics and industry experts, this immersive learning experience will equip attendees with the knowledge and insights needed to navigate the evolving hydrogen landscape.

What You Will Gain:

A comprehensive understanding of the hydrogen value chain, production, storage, transport, utilization technologies, and performance metrics. Skills to model hydrogen-enabled systems, customised microgrids, and green industries. Insight into regulatory frameworks, industry standards, and emergency response protocols.

Short Course Program (3.5 hours):

Hydrogen Properties, production, Certification, Utilisation, and Safe Handling (60 min)
(+ 15 min break)

Storage, Transport, Solid-state Technologies, and Safe Handling (60 min)
(+ 15 min break)

Optimal Planning and Modelling of Green Hydrogen Production Plant (60 min)

Stay for the Networking!

Immediately following the Short Course, enjoy drinks and refreshments at the conference networking reception (starting at 5:00 PM). A great opportunity to connect with presenters and peers.

Featured Experts:

1. Dr Furat Dawood: PhD in Hydrogen Systems and founder of the Hydrogen Economy (H2E) Group. Hydrogen industry and academic SME, member of the (AHRN), (HSA), Murdoch University-Hydrogen team, (WREN), the International Hydrogen Energy Association.
2. Dr Terry Humphreys: Senior Research Fellow, School of Elec Eng, Comp and Math Sci (EECMS), Faculty of Science and Engineering Portfolio, Curtin University.
3. Dr Ahmad Zahedi: Associate Professor in Power Engineering with the College of Science and Engineering of James Cook University.



Spaces are limited – do not miss this unique opportunity to build your hydrogen safety expertise.

Register now and be part of the Hydrogen Economy Development and Energy Transition.

Registration: WREC2026 Delegates: AU\$66 (incl. GST), Students: AU\$33 (incl. GST).

Workshop-only registration (incl. networking reception): AU\$220 (incl. GST).