

AHRN



AHRN Newsletter September 2023

The Australian Hydrogen Research Network (AHRN) is the community of researchers and interested stakeholders supporting the emerging hydrogen industry. We foster excellence in hydrogen-related research through an ongoing program of seminars and knowledge-sharing activities. By providing thought leadership, advocacy, and research tools, the AHRN offers its members domestic networking opportunities as well as access to international collaborations. On 20th July 2023 the AHRN was incorporated as the Australian Hydrogen Research Network Ltd. a not-for-profit company limited by guarantee.

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Next Research Seminars

Tuesday 26th September 2pm AEST

Dr Robert Judd, Technical Director, Hydrogen and gas for DNV Asia Pacific region

“Energy capacity challenges in the transportation of hydrogen and blends in gas transmission networks”

Over a 35-year career Robert has worked on a diverse portfolio of gas and energy projects, with focus on innovation and driving solutions to emerging industry challenges. Robert worked for over 20 years in the technology arm of the UK gas industry and has managed technical teams and projects in the UK, and worldwide, including extensive experience in Asia. As Secretary General of European Gas Research Group since 2012, he manages an Association of 30 major European companies and research organisations, realigning strategic research priorities with Europe’s clean energy agenda while building relationships with stakeholders and policy makers at all levels. This role has led to the successful development of several new European funded collaborative industry projects in biomethane, hydrogen and

carbon management. He has led or contributed to the production of research roadmaps for Hydrogen Europe, CEN and GERG. He is a member of Singapore's International Advisory Panel on Energy (MTI) and has chaired the Gas Markets Advisory Panel for Singapore's regulator. In April 2022 he was appointed Technical Director, Hydrogen and gas for DNV's Asia Pacific region.

Monday 9th October 2pm AEST

Allison Britt, Director Mineral Resources Advice and Promotion, Geoscience Australia
Critical Minerals for the Hydrogen Industry

Launch of the AHRN Ltd.

In collaboration with the Hydrogen Society of Australia (HSA), the AHRN will officially launch as an independent non-profit association on 19th October at an event at Queensland University of Technology. The event will be one of the seminars that the HSA is currently focused on promoting industry/academic collaboration, an issue that is also important for the AHRN.

You are welcome to attend the launch event in person

New company developments

The first board meeting of the AHRN directors was held on 31st August during which some of the initial governance issues were discussed. A paper on the structure of the company was presented and can be downloaded [here](#). Of immediate interest is the establishment of working groups as outlined in the last newsletter. We would encourage younger researchers to join the working groups that will be set up focused on the following areas of hydrogen research: Production, storage, distribution and supply, cross-cutting topics, utilisation and international engagement. All interested should contact Dr Andrew Dicks (adicks@ah2rn.org.au) for more information.

Review of the National Hydrogen Strategy

In response to the consultation paper published by the DCCEEW on the National Hydrogen Strategy Review 2023, the AHRN strategy team put together a submission on behalf of the AHRN. Whilst not specifically targeting hydrogen research, the strategy review is a key enabling activity that is likely to have an impact on the activities of those engaged in hydrogen research. Although this response has been collated by a small group of researchers and therefore does not express the collective views of the AHRN, we hope that it will be useful in underpinning the technology assessment and system analyses as the strategy is developed. The submission can be viewed [here](#).

Hydrogen Society of Australia (HSA) Webinar Series

The Hydrogen Society of Australia is this year hosting a series of seminars focused on industry/academic collaboration. Details can be found on the HSA website [here](#). On October 19th,

Review of the Hydrogen Connect Summit

The second Annual Hydrogen Connect Summit was held last week at the Brisbane Convention and Exhibition Centre. This 2-day event was preceded by a series of workshops and technical tours to the start-up companies Wildfire Energy and Endua, the BOC Bulwer

Island hydrogen production plant and the BP Lytton Hydrogen Refueller. The summit that followed featured many more speakers than last year with over 300 delegates attending over the 2 days of the event. The first day led off with a keynote from the Hon Assistant Minister for Energy in Queensland, Lance McCallum MP, followed by many round-table discussions run in parallel. The focus on discussions rather than presentations was a welcome change from most hydrogen conferences and distinguishes the Brisbane event from many others held in Australia. The second day was marked by a panel discussion focused on Asia with Investment and Offtake Commitments and future intentions to grow the Australian Hydrogen Economy. This followed a ministerial keynote by the Hon Steven Miles, Acting Premier for Queensland. Again the day was marked by panel discussions with perhaps the best sessions towards the end of the day with a Pitch Battle between aspiring hydrogen startup companies and a Keynote Presentation from Larry Marshall, Ex CEO of CSIRO. In his presentation, Dr Marshall gave examples from his own career that are also retold in his latest book “Invention to Innovation”, demonstrating how Australia’s world-class science can navigate across the “Valley of Death” to become successful innovations and grow our economy.

Other Australian News

Future Hydrogen Events

26-27 October Asia-Pacific Hydrogen 2023 – Summit and Exhibition, ICC Sydney
<https://www.asia-hydrogen-summit.com/>

21-22 November The Australian Hydrogen Conference (West) The Crown, Perth
<https://australianhydrogenconference.com.au>

27-29 November Positioning Hydrogen 2023 Conference , Melbourne Convention and Exhibition Centre <https://hydrogenconferenceaustralia.com>