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Hydrogen heavyweights to map out industry's future at the 2021 Australian Hydrogen Conference

Australia's top hydrogen experts will debate the latest hydrogen developments at the Australian Hydrogen Council's (AHC) conference (held in partnership with Informa) which begins today at the International Convention Centre in Sydney.

AHC CEO, Dr Fiona Simon, said the two-day conference will bring together the best and brightest minds in Australia's hydrogen industry to share ideas, tackle challenges and strategise solutions," Dr Simon said.

"The global call for decarbonisation has put the spotlight on hydrogen as a way to reduce emissions across many industries. Australia has all the raw ingredients to drive the production, use, storage, and transport of hydrogen domestically and globally.

"Our trading partners are keen so we must collaborate and put the policies in place to activate this enormous opportunity."

The Australian Hydrogen Conference brings together leading policymakers from government with key industry figures to discuss investment opportunities, hydrogen clusters and how hydrogen can help Australia reach net-zero.

Among the keynote speakers at the conference are:

- The Hon Angus Taylor MP – Federal Minister for Energy and Emissions Reduction
- Malcolm Turnbull AC
- Matt Kean MP – NSW Minister for Energy and Environment
- Alannah MacTiernan MLC, Minister for Regional Development; Agriculture and Food; Hydrogen Industry, Western Australian Government
- The Hon Guy Barnett MP, Minister for Energy, Primary Industries and Water, Veteran's Affairs, Government of Tasmania
- Dr Larry Marshall, Leader, Chief Executive, CSIRO

"Investing in hydrogen is crucial in lowering emissions and shifting to cleaner energy solutions," Dr Simon added.

"2021 has seen the hydrogen industry march forward as the world continues to shift towards sustainable energy use and governments and industry increase investment.

"So far, there have been 13 hydrogen clusters, 5 hydrogen hubs and over 60 hydrogen projects announced across Australia. There has been huge enthusiasm to date to develop a vibrant hydrogen industry, which we welcome. However, there is more to be done if we are to meet our export objectives, as we can see competing hydrogen producers across the globe seeking a share of the export pie and scaling up hydrogen production to supply markets in our region.

"Meeting the objectives set out in the National Hydrogen Strategy requires a strong national leadership to plan, collaborate and communicate with partners and stakeholders to move with the rest of the world towards net zero."

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To secure your spot in the virtual conference, email Informa at lisa.hedlund@informa.com.

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About Hydrogen

- **Hydrogen is an industrial raw material.** It can be combined with other things to create hydrogen-based fuels and feedstocks. There is already a hydrogen market for various applications.
- **Australia's hydrogen economy.** Hydrogen in its pure form, acts as an energy carrier. In this form, hydrogen stores energy which can be used at later times and can be transported to different places.
- **Hydrogen can store renewable energy.** Stored energy from solar photovoltaics (PV) and wind, which can be used to manage security of the Australian electricity grid or to export to other countries.
- **Hydrogen can significantly reduce carbon emissions.** This includes transport, household and industry heating and cooking; and heavy industrial processes such as oil refining, and the production of chemicals and steel.
- **Hydrogen is versatile.** It can connect the transport and energy sectors in a new way, allowing for energy to be converted for different uses. It can be produced on-site with an electrolyser, using only electricity and water as inputs.
- **The export opportunity is massive.** Global trading partners are hungry for clean hydrogen and are currently shopping around for reliable, high volume suppliers.
- **Electrolysis technology to produce clean hydrogen is well established.** If electricity used for electrolysis is from renewable sources, such as solar and wind, the resulting hydrogen has zero carbon and is clean. Hydrogen can also be produced from fossil fuels with carbon capture and storage, which means there are low to zero carbon emissions.

About Australian Hydrogen Council

The Australian Hydrogen Council is the peak representative body for the Australian hydrogen industry.

Members include: Air Liquide, Aluminium Revolutionary Chassis Company, Ampol, ANT Energy Solutions, ANZ Banking Group, APA Group, Arup, ATCO, AusNet Services/Mondo, Australian Gas Infrastructure Group, Baker Hughes, BOC, BP, BusTech Group, Chart Industries, Countrywide Renewable Hydrogen, Coregas, CS Energy, Custom Denning, Daimler, Downer, Emerson, ENEA consulting, Engie, Fortescue Metals Group, Foton Mobility, Gallagher Fuel Systems Ltd, GHD, Global Energy Ventures, H2U, Haskel, Hazer, Horizon Power, Howden, Hunter Energy, Hydro Tasmania, Hyundai Australia, ITM Power, Jacobs, Jemena, John Cockerill Energy, KBR, Lochard Energy, Luxfer Australia, National Australia Bank, Nel, Origin Energy, Quanta Services Australia, S&P Global Platts, Samson, SG Fleet, Siemens, Silver Metal Investment, SMA Australia, Southern Green Gas, Stanwell, Star Scientific, Sumitomo Australia Pty Ltd, Sun Metals, TFA Project Group, Toyota Australia, Transit Systems, UL Renewables, UPC\AC Renewables Australia, Valmec, Viva Energy, Weidmüller, Wood, Woodside, Worley.