



Hydrogen  
Society  
of Australia

Looking backwards, looking forward!

Hydrogen is marching on – will you join us?

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- Snippets of Hydrogen making moves around the world
- Member Benefits – WA Business News Subscription (free guest access and discount)
- We acknowledge the support of our corporate partners!

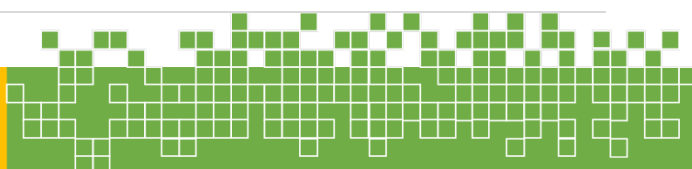
### Message from the HSA President – Adam Osseiran

The last four weeks have been extremely busy for HSA team as we progress our hydrogen initiatives. The HSA supported and sponsored the **Positioning Hydrogen Conference 2022**, that took place at the Melbourne Convention and Exhibition Centre from 21 to 23 November. HSA was represented by three Steering Committee members (**Lorie Jones, Furat Dawood** and **myself**). The conference was very instructive and was a great networking event. I was honoured to present a keynote on the role that can be played by Australia in the hydrogen global arena. Refer to page 2 for further details.

In early December, HSA supported the **World Renewable Energy Congress, WREC 2022**, that took place at Murdoch University in Perth from the 4th to the 9th of December. On the morning of Sunday the 4th of December, the HSA organised and provided a well-attended half-a-day short course on hydrogen. On Sunday afternoon, the HSA facilitated a **Hydrogen Industry Leaders Workshop**. We heard very interesting business updates from industry leaders, followed by a panel session with all the speakers. Refer to page 3 for further details.

Finally, please accept my best wishes for the oncoming holidays and for a bright new year 2023 for you, your family and loved ones. On behalf of the **Hydrogen Society of Australia** I wish you peace, joy, success and prosperity throughout 2023 and beyond. Thank you for your continued support and commitment.

**Not yet a member? Consider joining the HSA to get access to free or discounted events, training material and the latest information in the hydrogen space – [click for membership options](#)**



### Members Spotlight – Environmental Clean Technologies – Viridian Hydrogen Process

Environmental Clean Technologies Limited (ASX: ECT) is an Australian (Head Office Melbourne), technology development company focused on low and zero-emission solutions for low-grade and waste resources. Leading ECT's offering in the hydrogen space is their proprietary [Viridian Hydrogen](#) process.

*“Better than blue, cheaper than green, it's a transition to net zero that's reliable and clean.”*

Viridian Hydrogen blends lignite and waste biomass to produce a dry pellet via our zero-emission COLDry process, which is then pyrolyzed to produce hydrogen-rich syngas and solid carbon. The syngas is processed and separated, producing clean hydrogen and sending the remaining carbon molecules to industrial chemicals such as DME and formic acid. Applications for the solid carbon product include agricultural char, battery-active material and a range of activated carbon products via further processing. Importantly, the [Viridian Hydrogen process has a net-zero footprint](#) without the need for conventional CCS and a significantly lower cost of production than green hydrogen, supporting early market activation. ECT is currently developing its Viridian Hydrogen demonstration project west of Melbourne, with plans to deploy a commercial-scale project in Victoria's Latrobe Valley in the coming years.

For further information, please contact ECT Managing Director [Glenn Fozard](#) via [info@ectltd.com.au](mailto:info@ectltd.com.au).

### Education and Knowledge Sharing – Past Events and Presentation Material

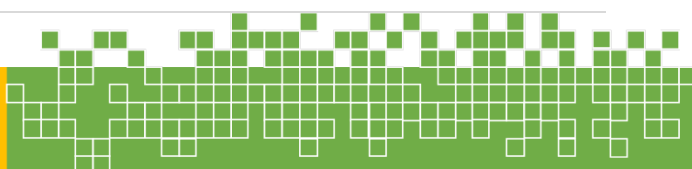
Login to your password protected members portal and you can access the videos and powerpoint presentations from past events in the **Knowledge Centre**: <https://hydrogensociety.org.au/knowledge-centre/videos/>. You can also view the event proceedings and find the links to the various presenters under **Past Events**:

### Global Hydrogen Energy Meet: Positioning Hydrogen Conference – Melbourne – 21 to 23 November 2022

The HSA was an Endorsing Partner of the **Positioning Hydrogen Conference** held in Melbourne last month. An excellent lineup of experts and industry leaders shared their knowledge wrt actionable insights, best practices from high-class companies, and innovative ideas from the hydrogen industry. Two of HSA Steering Committee members (Quentin Meyer and Arshdeep Kaur) delivered presentations online. The recorded content will soon be available online in the members portal.

HSA was represented face to face in Melbourne by three Steering Committee members (Lorie Jones, Furat Dawood and Adam Osseiran). On the 23rd of November, we visited the manufacturing site of **Hyzon Motors Australia** in Noble Park, Victoria. We witnessed an impressive Australian manufacturing site and assembly of trucks and buses. The site hosts the biggest stock of Fuel Cells in Australia.

During the same trip, we visited the headquarters of **ENGV** in Victoria, which was established in 2013 as a full-service provider for gas storage, vehicle and transport. ENGV's activity in hydrogen is growing dramatically as they demonstrated to us all the Australian projects in which they are involved. We also visited the **CO2CRC** in Melbourne and met with **Dr Matthias Raab**, CEO, and **David Whittam**, Program Manager for Hydrogen. David is a member of HSA's Steering Committee.



**World Renewable Energy Conference 2022 – Perth - 05 to 08 December 2022**



The Hydrogen Society of Australia (HSA), in collaboration with Murdoch University, delivered a short course on hydrogen followed by an industry workshop on Sunday the 4<sup>th</sup> December 2022, from 8:30 am to 5:00 pm, in the Kim Beazley Lecture Theatre at Murdoch University. There was also a live broadcast from Perth to the other States. Thanks to **GM Shafiullah**, **Kuruvilla Mathew** and **David Goodfield** for their support.

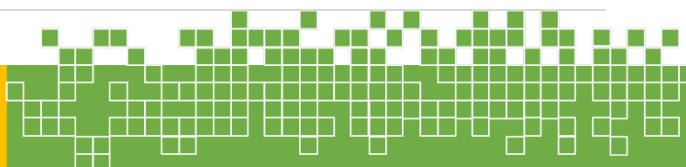
The half-day short course on hydrogen delivered on Sunday morning was well-attended. The five-module course was set in a hybrid mode and was provided by industry and academia specialists from Western Australia (**Derek Cross**, **Dr Terry Humphries**, **Furat Dawood** and **Adam Osseiran**), New South Wales (**Dr Quentin Meyer**) and Queensland (**Prof Damien Batstone**, **Dr Arshdeep Kaur**).

The industry workshop on Sunday afternoon was well received. We heard very interesting business updates from **Jack Schubert** of Hybrid Systems Australia, **Stephen Gauld** MD and Founder of Infinite Green Energy, **Vinod Patel** of Intercontinental Energy, **Luigi Bonadio** of Oli Energy, and finally we were given an update on the National Hydrogen Regulatory Review by **Chase Fiori** of the Department of Climate Change, Energy, the Environment and Water, Federal Government (DCCEEW). The talks were followed by an engaging panel session with all the speakers, facilitated by **Doug Aberle** of MarpleBridge.

The Hydrogen Society of Australia focuses on providing an opportunity for collaboration whilst supporting the workforce to transition to hydrogen through education and knowledge sharing. The presentations and videos from the WREC short course will be uploaded onto the HSA website Members Portal over the coming weeks.

Following the HSA short course and industry workshop on Sunday, the WREC congress continued over the following week, with a series of interesting presentations and various field visits.

Although the WREC was mainly covering the renewables, it was clear that hydrogen underpins the role for energy storage. In WREC 2022, a number of exciting pieces of work related to hydrogen were shared with the participants. The discussions mainly covered water and power solutions for remote indigenous communities using Solar PV – Hydrogen – Fuel Cell - Battery systems as well as showcasing exciting new technologies for low-cost and efficient production of hydrogen. One such example was from **Prof. Martin Anda** from Murdoch University who presented **Hydrogen Energy for Homeland Communities: A 100% renewable energy stand-alone microgrid**.





WREC 22 provided a good opportunity and platform for knowledge sharing as well as number of networking sessions. It was a great gathering of people with diverse background from government, industry, policy makers, business owners and academia.

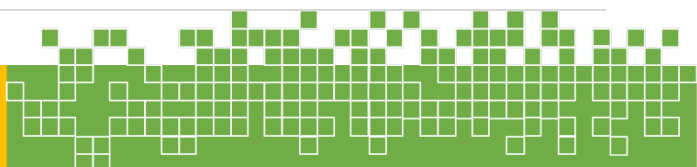


During the networking sessions our HSA Steering Committee members **Ghazal Avijegon** and **Lorie Jones** were introduced to **Chase Fiori** of the **Department of Climate Change, Energy, the Environment and Water**, Federal Government (DCCEEW) who was one of our wonderful speakers during the workshop and we had a great conversation about the potential benefits of collaboration between government and the Hydrogen Society of Australia. Also, we had a chance to learn about the great work that is being done by Murdoch students.

We also had the pleasure of listening to the Mayor of **City of Karratha**, **Mr. Peter Long** who discussed some of the big issues associated with the coming renewable energy boom in the Pilbara. It was very interesting to learn about the exciting ongoing and upcoming renewables/ hydrogen projects in the Pilbara region of Western Australia. For more information, [click on the following link](#).



On Thursday, delegates had the opportunity of exploring the north of Perth (Yandin Wind Farm and Emu Downs Solar Farm), or the industrial area to the south of Perth (Western Trade Coast Industrial Area). **Chris Oughton** (KIA Director) and **Biji Kurup** (Murdoch University) provided an interesting perspective of hydrogen's role in decarbonizing this complex industrial area, with Kwinana an active case study.



### Hydrogen Queensland End of Year Industry Showcase – 08 December 2022

The HSA was proud to have supported the first Hydrogen Connect Summit in Brisbane as an **Endorsing Association**. Following the success of H2Q's Inaugural Hydrogen Connect Summit held on 8-9 Sept in Brisbane - [View event highlights](#) which attracted over 400 attendees, attention then turned to H2Q's 2nd Annual End of Year Industry Showcase. The Showcase took place on the evening of 8 Dec 2022 at Customs House Brisbane and provided the latest hydrogen updates from H2Q and Queensland Government, including:

- The release of the much-anticipated WHITE PAPER, written in response to this year's Hydrogen Connect Summit. Ensuring no question from the Summit goes unanswered and action remains at the forefront.
- A closer look at the Queensland Government's Energy and Jobs plan and Infrastructure review, with an update on the progress being made to build capability to accelerate Queensland's growth as a Hydrogen superpower.

[Click here to view the White Paper](#)

### Upcoming Hydrogen Events

#### Mission Hydrogen Webinar - "Hydrogen Fuel Cell Research" – 18 January 2023 (8:00pm AEST)

Our Steering Committee member Quentin Meyer (UNSW) will be delivering a presentation on the topic of "Hydrogen Fuel Cell Research". Further details will be forthcoming to our members, in the meantime, hold this date!

#### Australian Hydrogen Research Conference – Canberra – 08 to 10 February 2023

This will be the first Australian Hydrogen Research Conference, which is organised by the Australian Hydrogen Research Network (AHRN). The Conference will cover all aspects of hydrogen research ranging from the fundamental science and engineering of hydrogen generation, storage and transport, to the enabling disciplines of economics, regulation, security, sociology and policy applied to a future hydrogen economy. Our HSA Steering Committee member Professor Craig Buckley (Curtin) will be one of the keynote speakers. The HSA is an **Endorsing Supporter** of this event, and the early bird registration price will be extended for HSA members until 31 December.

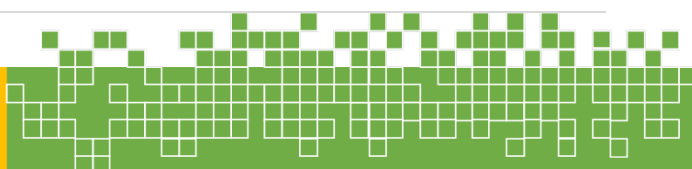
<https://ahrc2023.com.au/>

#### Hydrogen Industry technical series – Melbourne – 15 February to 19 April 2023 (5:30pm to 8:30pm AEST)

Delivered by leading hydrogen industry practitioners, the program covers integral topics required by engineers to commence practising in the hydrogen industry. The objective of the program is to provide detailed information on the technical and practical aspects of hydrogen plan design, operation and product development. <https://www.engineersaustralia.org.au/learning-and-events/conferences-and-major-events/hydrogen-industry-technical-series#content-tab-0>

#### World Electrolysis Congress – Dusseldorf – Neuss - 14 to 16 March 2023

The annual World Electrolysis Congress <https://www.worldelectrolysiscongress.com> returns to Germany to bring the entire green hydrogen industry together once again with the objective of accelerating the roll-out and deployment of electrolyser technology to produce clean hydrogen and drive global capacity.



### Future Hydrogen Congress Australia – Sydney - 16 to 17 March 2023

The HSA has been invited to present at this international congress which is expecting to attract leading representatives from all over the world including C-level Executives and Head of strategy, sustainable development, hydrogen/new energy business, technology, business development, investment and finance and others of hydrogen relevant companies.

<http://www.szwgroup.com/future-hydrogen-congress-australia/index.aspx>

### ASEAN Green Hydrogen Conference 2023 – Kuala Lumpur, Malaysia – 23 to 24 May 2023

The 2023, ASEAN GREEN HYDROGEN CONFERENCE's main theme will be 'Stimulating Regional's Green Hydrogen Economy'. This private and exclusive conference will act as a regional roadmap and aim as the catalyst for the regional's green hydrogen developments, assisting governments, leading energy companies, academics and service providers within the Hydrogen domain across South East Asian countries. Among the conference highlights for this edition including Green Hydrogen Policy and Regulations, Green Hydrogen Ecosystem & Value Chain, Technologies, Research and Developments and Green Hydrogen Financing. <https://aseangh2.com/>

### Connecting Green Hydrogen APAC 2023 – Melbourne – 25 to 26 July 2023

CGHA 2023 will bring together industry live and in person to discuss the green hydrogen agenda in Australia and the APAC region. CGHA creates a unique set-up where the policymakers as well as domestic and international developers, investors, experts and solution/product providers, meet, learn and debate. HSA will be coming on board as a **Supporting Partner** for this event (further details coming soon). <https://www.apac.gh2events.com/agenda>

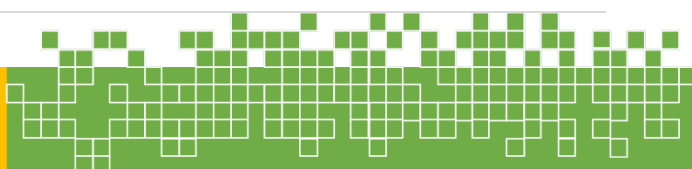
### Second Annual Hydrogen Connect Summit – Brisbane – 06 to 07 September 2023

The HSA was proud to have supported the first Hydrogen Connect Summit in Brisbane as an **Endorsing Association**. Following the Summit there have been myriad State, Federal and private sector initiatives to provide funding, stimulate investment, accelerate off take and address the skills challenge (refer to details provided on page 5) and hold this date for the upcoming summit in 2023.

### Snippets of Hydrogen making moves around the world

#### 2022 11 18\_Billionaires can't see forest for the tweets\_BN

High prices for iron ore have provided the financial firepower for Mr Forrest, made him the world's 92nd richest man, worth \$US15.6 billion according to the Bloomberg news service, and provided the cash to pay for his hydrogen campaign and an associated vision of eliminating carbon pollution from the Pilbara mines of his company, Fortescue Metals Group. Risks associated with hydrogen and decarbonising its Pilbara mines are weighing heavily on Fortescue's share price and eating into Mr Forrest's wealth, heavily dependent on his 37 per cent interest in the company, which has suffered a 32 per cent share price fall over the past six months. More debt at a time of high (and rising) interest rates will ring alarm bells for the most devoted Fortescue investor, especially as there is not yet a clear business case for hydrogen. <https://bit.ly/3VfsEgp>





**2022 11 21\_TransAlta’s lessons learned from more than 110 years in energy generation\_BN**

For Australia’s eastern states, the cost of gas almost tripled the previous record this year, and average spot prices for electricity more than doubled from June 2021 to June 2022. WA has been largely insulated by its domestic gas policy, which reserves 15 per cent of production for local use, but has its own issues. The state is set to import coal from interstate to meet demand for the first time in its history after its supply was disrupted. To date, we have deployed US\$38 million to various community-led initiatives, including energy efficiency measures for low-income residents, building an 1100sqm training centre to offer gap training for skill shortages and a hydrogen demonstration project in partnership with Toyota. Insights from our experience may assist WA’s coal town of Collie, which has union and government support for a Just Transition before all State-owned coal assets close in 2029.

**2022 11 23\_Frontier’s Bristol Springs gets a leg-up through being awarded lead agency status by the WA government\_Stockhead**

The strategic importance of Frontier’s Bristol Springs renewable energy project (BSSP) has been recognised by the Western Australia government with the award of lead agency status. “Being awarded lead agency status is a strong endorsement from the WA Government, as this highlights the importance the project plays not only for the state’s renewable energy strategy but also the domestic hydrogen industry,” managing director Sam Lee Mohan said. Pre-Feasibility Study has already found that Stage One could power a 36.6MW electrolyser to produce 4.4 million kilograms of green hydrogen per annum at just \$2.83/kg. Offtake could potentially be through the Dampier to Bunbury Natural Gas Pipeline (DBNGP), which is located just 0.3km from the project and has a target to achieve a 10% hydrogen blend. <https://stockhead.com.au/energy/frontiers-bristol-springs-gets-a-leg-up-through-being-awarded-lead-agency-status-by-the-wa-government/>

**2022 11 26\_More cash, manufacturing pledged for Collie transition\_BN**

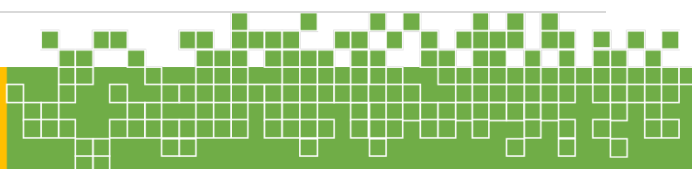
A new graphite processing facility and a \$200 million transition fund are among measures to entice investment and create jobs in Collie before its power stations close at the end of the decade. In addition to the proposed factories the state government also opened a \$200 million fund, titled Collie Industrial Transition Fund, to bring new and emerging industries to Collie. The fund will target projects that prioritise ‘green manufacturing’, mineral processing and clean energy and is aimed at large scale industrial projects hoped to create more jobs in the area. <https://bit.ly/3HFtQX4>

**2022 11 29\_Woodside exec to lead Fortescue\_BN**

Fortescue Metals Group has poached one of Woodside Energy’s top executives, Fiona Hick, as its new chief executive. Ms Hick has been with Woodside for 22 years and had risen to be executive vice president Australian operations, sitting just below managing director Meg O’Neill. She is also president of the Chamber of Minerals and Energy of WA. Ms Hick will join FMG in February next year and will report to the company’s board along with Fortescue Future Industries chief executive Mark Hutchinson. She will be tasked with guiding both its iron ore operations and its transition to a green energy company. <https://bit.ly/3FyZX86>

**2022 12 01\_Diesel engines successfully converted to run on 90 per cent hydrogen\_EA Create**

Engineers from the University of New South Wales (UNSW) have successfully converted a diesel engine to run as a hydrogen-diesel hybrid engine – reducing CO2 emissions by more than 85 per cent in the process. In a paper published in the International Journal of Hydrogen Energy, Professor Kook’s



team show that using their patented hydrogen injection system reduces CO2 emissions to just 90 g/kWh – 85.9 per cent below the amount produced by the diesel-powered engine. The team says that any diesel engine used in trucks and power equipment in the transportation, agriculture, and mining industries could ultimately be retrofitted to the new hybrid system in just a couple of months. Back-up power generators are also a major application of this technology. The Australian market for diesel-only power generators is currently estimated to be worth around \$765 million.

<https://createdigital.org.au/diesel-engines-converted-to-90-per-cent-hydrogen/>

#### **2022 12 01\_Charting the global energy landscape to 2050: Emissions\_McKinsey**

Despite net-zero commitments and a global focus on increasing the rate of implementation and availability of finance, global GHG emissions are on a trajectory that leads to an expected global temperature increase of between 1.7°C and 2.4°C by 2100, depending on the scenario. CO2 emissions in 2021 rebounded to historic trends alongside the global economic recovery. Meanwhile, there is an everincreasing focus on net-zero commitments. Fossil-fuel consumption is projected to be replaced by electricity, hydrogen, and biofuels. <https://www.mckinsey.com/industries/oil-and-gas/our-insights/charting-the-global-energy-landscape-to-2050-emissions>

#### **2022 12 01\_Federal government releases first 'climate change statement' , but Australia remains behind on emissions targets\_ABC**

The government's 2022 emissions projection report was released on Thursday, along with the climate change statement, both of which are required under Australia's new Climate Change Act. The report said to achieve a 43 per cent reduction by 2030 and net zero by 2050, the "decarbonisation rate needs to be at least 17 million tonnes of carbon per year". That would require a 40 per cent faster rate of decarbonisation than has occurred since 2009, Mr Bowen said.

<https://www.abc.net.au/news/2022-12-01/climate-change-statement-emissions-target/101721014>

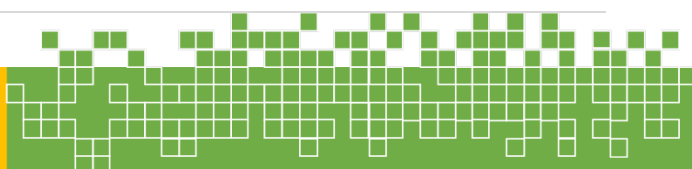
#### **2022 12 02\_Pure Hydrogen ready to lead the charge towards low cost, clean hydrogen production\_Stockhead**

Pure Hydrogen remains focused on becoming the lowest cost supplier of hydrogen in Australia by leveraging technology and supply from its emerald and turquoise manufacturing hubs. Instrumental to the success of this strategy is the company's partnership with technology companies such as CAC H2 and Omni with their respective emerald hydrogen manufacturing technologies and Plenesys for turquoise hydrogen production. <https://stockhead.com.au/energy/pure-hydrogen-ready-to-lead-the-charge-towards-low-cost-clean-hydrogen-production/>

#### **2022 12 02\_Technip for Northam hydrogen design\_BN**

Technip has been picked for front-end engineering and design work at a planned 10 megawatt green hydrogen project in Northam. Infinite Green Energy is developing the project, which will produce more than 4 tonnes of hydrogen per day. The green fuel will be used for transport sector, particularly among local governments. First gas is expected in 2024. On Wednesday, Infinite was given a \$100,000 regional economic development grant by the state government, and was given lead agency status for the project.

The cash was to fund a hydrogen refuelling station and a showroom for hydrogen powered fuel cell electric vehicles in Northam. <https://bit.ly/3W24xCP>





**2022 12 01\_Hydrocarbon-rich countries might play a critical role in the proliferation of clean hydrogen\_McKinsey**

Clean hydrogen might help abate more than 20 percent of global greenhouse-gas emissions by 2050. Hydrocarbon-rich countries (HRCs) could play a particularly vital future role in its production and transport. This week, McKinsey research examines opportunities—and challenges—for HRCs looking to become hydrogen players. A separate article looks at links between climate change and national security. And a survey of executives investigates how corporate leaders' environmental, social, and governance (ESG) responsibilities have evolved.

**2022 12 05\_Pure Hydrogen hits the road with world's first double-deck hydrogen fuel cell bus\_Stockhead**

Pure Hydrogen continues to advance its ambitions for the hydrogen economy, showcasing the world's first hydrogen fuel cell double-decker city bus. The bus is on loan from Hong Kong Public Transport and was brought to Australia to demonstrate the technology, which is also used in the prime mover the company is trialling with PepsiCo and the garbage collection vehicle for JJ's Waste and Recycling.

<https://stockhead.com.au/energy/pure-hydrogen-hits-the-road-with-worlds-first-double-deck-hydrogen-fuel-cell-bus/>

**2022 12 06\_New policy and guidance for renewable hydrogen projects\_WA Gov**

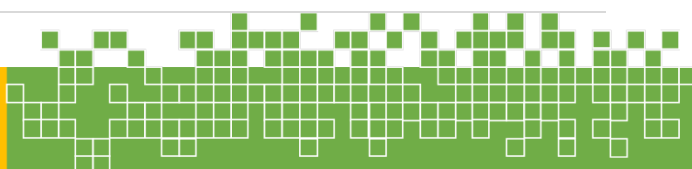
The WA Government has released a new policy and guidance providing greater clarity and guidance around the use of Crown land for large-scale hydrogen projects. **The Renewable Hydrogen Guidance: Land Tenure for Large Scale Renewable Hydrogen Projects** provides guidance to proponents of large-scale hydrogen projects regarding State Government decision making processes with respect to gaining land for both the investigation and feasibility studies page and the final project implementation stage. **The Renewable Hydrogen Policy: Consideration of Highest and Best Use** sets out a preferred, transparent and timely process for managing situations where competing projects are proposed for the same area of land, and the use of a Highest and Best Use Assessment in these cases. <https://www.wa.gov.au/government/announcements/new-policy-and-guidance-renewable-hydrogen-projects>

**2022 12 07\_Hydrogen approvals trimmed, target set\_BN**

Up to 1 per cent of energy on Western Australia's main electricity network will be drawn from renewable hydrogen as part of a comprehensive overhaul of the sector's regulatory framework. Those changes, announced during today's Australian Hydrogen Conference in Perth, include significant strides towards embracing hydrogen as a source of green energy, including updates to the state's Petroleum Act and policies on use of Crown land. <https://bit.ly/3YqRw7n>

**2022 12 07\_Hydrogen May Get a Royalty Free Start\_West Australian**

WA's green hydrogen producers could be charged royalties, but only after a long grace period, with the McGowan government keen to first stimulate the nascent sector. With the government targeting 110GW of green hydrogen generation capacity in WA by 2030, Ms MacTiernan said how much of that would be exported, and how much would be used domestically, would depend to some extent on how we respond locally.



**2022 12 08\_WA is gearing up to chase hydrogen riches\_WAToday**

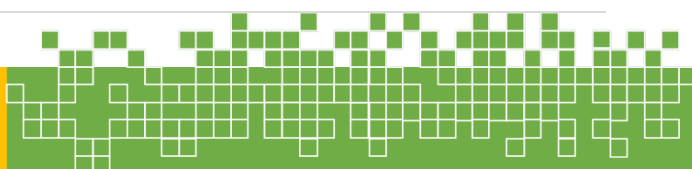
This week the WA government moved to make it easier for green hydrogen projects – like the \$54 billion BP-led Australian Renewable Energy Hub planned for 6500 square kilometres of land between Port Hedland and Broome – to secure the vast areas they need. The key is a new form of land tenure before parliament called a diversification lease that allows a number of users – especially pastoral, mining and renewable energy – to share the same area. The government wants the different parties to negotiate a deal, but where they cannot agree it will step in. Companies investigating a site for a green hydrogen project will be able to secure exclusive rights to an area of up to 12,000 square kilometres for up to four years, so they don't waste millions of dollars and then lose the land to a rival. <https://www.watoday.com.au/search?text=hydrogen+riches>

**2022 12 14\_Sound enhances electrolytic production of hydrogen\_Water Career**

Engineers in Melbourne have used sound waves to massively boost production of green hydrogen. The team says their new acoustic device offers a promising way to tap into a plentiful supply of cheap hydrogen fuel for transportation and other sectors, which could radically reduce carbon emissions and help fight climate change. Electrolysis involves electricity running through water with two electrodes to split water molecules into oxygen and hydrogen gases, which appear as bubbles. This process produces 'green' hydrogen, which represents just a small fraction of hydrogen production globally due to the high energy required. Most hydrogen is produced from splitting natural gas, known as 'blue' hydrogen, which emits greenhouse gases into the atmosphere. By using high-frequency vibrations to "divide and conquer" individual water molecules during electrolysis, the local team managed to split the water molecules to release 14 times more hydrogen compared with standard electrolysis techniques. An Australian provisional patent application has been filed to protect the new technology. [More details are accessible here.](#)

**Member Benefits – WA Business News Subscription (free guest access and discount)**

The Hydrogen Society of Australia (HSA) has partnered with Business News (BN), to explore and collaborate on opportunities to promote hydrogen initiatives to professionals and the broader community. Business News is a respected, trusted, and credible independent news source for WA businesses and for any Australian with an interest in commerce, politics, and industry. As highlighted by **Ashleigh Dovadola** (BN Subscription Relationship Manager), Australians are turning to BN not only for their business needs but also their daily news intake. Across our website platform we reach over 2 million unique readers annually including over 15,000 fully paid subscribers and a print readership of 25,000 senior executives. Business News would like to offer HSA members guest access for 4 weeks to explore our full content and features so that key individuals can gain a better insight into why Business leaders choose to engage with us year on year. If you are interested to have free guest access for 4 weeks to explore Business News, please select the WABN subscription product within our Members Only portal: <https://hydrogensociety.org.au/product/hsa-members-benefit-wa-business-news-subscription/>



We acknowledge the support of our corporate members!

[Click here to find out more about their technical services and corporate offerings in the hydrogen space.](#)

- Innovate Australia
- BE&R Consulting
- Environmental Engineers International
- Gexcon
- CO2CRC Ltd
- Hyzon Motors
- Good Water Energy Ltd
- Murdoch University
- Harry Butler Institute
- Draeger Australia Pty Ltd
- Hybrid Systems Australia
- Parker Hannifin
- Global Drone Solutions
- Hydrogen Energy Pty Ltd
- Integrated Energy Pty Ltd
- Polish Investment and Trade
- Truck Centre WA
- Edith Cowan University
- Queensland University of Technology
- Business News
- HF Integration
- Horizon Power
- DevelopmentWA
- Sheoak International
- Environmental Clean Technologies Limited

We are all in this together...

Please share this newsletter with your network, as they may be interested in joining the HSA.

Together we can foster a hydrogen society for Australia and a global renewable energy future.

Hydrogen is marching on - will you march with us?

<https://hydrogensociety.org.au/>

#### Contacts



LEVEL 12, 197 ST GEORGES TCE, PERTH 6000