

Happy Earth Month and welcome to the April 2022 issue of H2scan Sensor News. In this issue we present:

- Did you know...?
- H2scan is Hiring!
- H2scan EPRA Experience, with H2scan Tour
- Tradeshow and Conference Update
- Hydrogen Economy News Bytes

Thanks for taking a look. Please reach out with any [questions](#).

Did you know...?

H2scan products are being tested by major transportation players, including many automotive and aerospace companies.

H2scan Is Hiring!

H2scan is growing and on the hunt for enthusiastic new team members that are ready to join the market revolution for a safer, more effective hydrogen economy. Head to the H2scan careers [page](#) to see how the team is expanding, and perhaps consider joining.



H2scan EPRx - INCLUDING A TOUR OF H2SCAN!

Join H2scan and our partner, the Electric Power Reliability Alliance (EPRA) this May 10th for an Electric Power Reliability Experience (EPRx). The event, to be hosted in Valencia, will feature industry experts and opportunities to share your own expertise, collaborate with industry colleagues, and tour H2scan's facilities. Participants will also have the opportunity to work on the EPRA's new self-assessment "Power System Reliability Process Analysis Tool" and HVES Safety & Reliability Guidelines. Space is limited, so join this experience [now!](#)



Tradeshow and Conference Update

H2scan has several upcoming exhibit appearances in the US and Europe throughout May. Come meet with the team and we'll talk hydrogen!

- **World Hydrogen 2022 Summit & Exhibition** – Rotterdam Ahoy, Netherlands, May 9-11 Booth B24
- **Analyzer Technology Conference 2022** – Galveston, Texas, May 16-18 Booth 305
- **European Hydrogen Energy Conference 2022** – Madrid, Spain, May 18-20 Exhibiting with H2scan's Spanish distributor, [Anisol](#)
- **Distributech International 2022** – Dallas, Texas, May 23-25 Booth 448

Hydrogen Economy News Bytes

Green Hydrogen Leads as the Potential Best Fuel for Shipping's Renewable Transition

A report by US-based Ocean Conservancy and British consultancy has identified green hydrogen and green hydrogen-derived ammonia as the most scalable alternatives for ocean shipping, which is responsible for a growing 3% of global emissions. Pivotaly, the use of these fuels would avoid the methane and carbon capture concerns that other fuels, including grey, brown and blue hydrogen, would present.

Immense Australian Green Hydrogen Project Gets Boost

Australia's Aqua Aerem, a water-from-air technology company, has received the government's Major Project Status for its upcoming \$15 billion Desert Bloom green hydrogen project. The project, supported by the Japanese Osaka Gas and Singaporean Sanguine Impact Investment, aims to capture water vapor from arid environments and separate it through solar electrolysis in order to eventually produce 410,000 metric tons of green hydrogen annually. The project aims to be a part of Australia's net-zero emissions by 2050 goal.

8,000% Growth in Hydrogen Electrolyzers Predicted by 2031

Analysts are predicting exponential growth in electrolyzer production in the coming decade, coming to an anticipated total of 104.6GW by 2031. These devices are key elements in the production of energy-quality hydrogen. Factors in this growth are expected to include decreasing costs, both for capital and feedstock, and a policy-enforced push for decarbonization.



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