SENSOR NEWS

FEBRUARY 2022

Welcome to the February 2022 issue of H2scan Sensor News. In this issue we present:

- Did you know…?
- H2scan Announces Successful $70 million Capital Raise
- New Application for High Gas Transformers
- Tradeshow and Conference Update
- Profile: Ryan Salerno
- Hydrogen Economy News Bytes

Thanks for taking a look. Please reach out with any questions.

Did you know…?

H2scan's Gen5 process analyzers and safety monitors never need calibration.

H2scan Announces Successful $70 million Capital Raise

H2scan has announced the closure of a $70 million capital raise, supported by LetterOne, a UK-based long-term investment group, and GS Energy, a large South Korean strategic energy company. This new capital will allow H2scan to expand its manufacturing and auto calibration capabilities, open additional international sales offices, and further enhance its marketing. It will also support next-gen R&D. Learn more about the impact of this capital raise **here**.

New Application for High Gas Transformers

Some transformer owners are struggling to find monitoring solutions for transformers with very high hydrogen concentrations (above 10,000 PPM in the insulating fluid). Due to design and/or operating issues, some customers see 20,000 to 50,000 PPM of hydrogen in their transformer fluid. For transformers with an inert gas space above the fluid, H2scan is shipping prototype units that measure up to 100% of hydrogen in the gas space. Please contact sales@h2scan.com to see if this new sensor is a good fit for your application.

Tradeshow and Conference Update

H2scan will make an appearance at the IEEE Power & Energy Society Transmission & Distribution (IEEE PES T&D) show in New Orleans in late April. Connect with company representatives at booth 8513 while participating in the tradeshow's comprehensive technical program. More show details **here**.

Also, H2scan has had a paper accepted at **IEEE Greentech** in Houston which will take place at the end of March. Stay tuned for updates.

Profile: Ryan Salerno, Shipping and Receiving

What does a typical day look like to you?

I am in charge of the shipping and receiving department, and I also manage our gases for production and R&D projects. I pull, process, and issue all jobs for assembly. I am also one of the first and last points of contact for H2scan's parts and products.

What excites you about the future of H2scan and/or the hydrogen economy?

I am looking forward to continued growth at H2scan. I predict that the company's new products and technology have the potential to make it a leader in the hydrogen world in the near future. I am grateful to be a part of the H2scan team and look forward to what the future holds.

Thank you Ryan!

Hydrogen Economy News Bytes

UK launches Hydrogen Policy Commission to Establish Itself in the H2 Market
The commission, the result of a coalition in Parliament, is considering potential H2 opportunities with input from academics and industry leaders. Goals for the project also include reducing potential future foreign dependence in hydrogen technology and avoiding the kinds of setbacks the country has previously experienced with battery technology and wind farms. Learn more about the new commission **here**.

New Mexico Enters Agreement with National Laboratories Over Hydrogen Economy
Several state agencies are set to work with Los Alamos National Laboratory and Sandia National Laboratories to transform the state's energy systems. Potential hydrogen-related goals include generation from methane, biomass, concentrated solar power and brackish and saline water, as well as long-term storage and distribution. Read more about the agreement **here**.

New Anode Exchange Membrane Promises Cheaper Green Hydrogen Through Electrolysis
A research team in Korea is claiming a breakthrough with a less expensive, higher performance anion exchange membrane (AEM). The new technology has been tested to outperform and outlast previous AEM iterations, which are less costly and can perform under less ideal conditions but have had durability issues relative to other processes in the past. Learn more about the new AEM **here**.

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