

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

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- New Webcast from Bill Whitehead
- Save the Date to See H2scan
- New Distributors for Process & Safety Customers
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- Hydrogen Economy News Bytes

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

### Did you know...?

Most other hydrogen sensors only last 1-3 years – H2scan's last for 10+ years.

### H2scan Supports Syngas Growth with Real-time Monitoring

A recent [article](#) written by H2scan Technical Sales and Business Development Manager Gid Herman for H2View Magazine addresses a key challenge in the production of syngas – the presence of potentially lethal carbon monoxide (CO). In addition to the threat of leaks, unbalanced concentrations of CO can affect downstream processes. Gid argues that of all the means teams can use to monitor these concentrations, real-time monitoring – the kind made possible by H2scan hydrogen analyzers – is the fastest and most accurate option.



### New Webcast from Bill Whitehead

International Accounts Sales Director Bill Whitehead is back with a new podcast episode, this time focusing on the distinctions between different H2 sensor technologies. Bill answers technical questions about everything from the “uptime” life expectancy of sensors to the external factors, like gas extraction and ambient air, that can affect the measurements that these sensors make. Watch [here](#).

### Save the Date to See H2scan

H2scan's transformer sales team is headed to [TechCon](#) in Phoenix in February and [IEEE T&D](#) in New Orleans in April; the process and safety team will be at [ISA](#) in Galveston, TX in May. Use the links to sign up for these shows and then let us know by [email](#) if you want to meet.

### New Distributors for Process & Safety Customers

H2scan's process & safety distributor network continues to expand, with over 40 current global distribution partners. Process and safety customers can find a distributor for their H2scan real-time H2 sensor products conveniently at this [website](#).

### Profile: Hassan Syed, Senior Electrical Systems Engineer

#### What does a typical day look like to you?

On a typical day, I start by helping manufacturing resolve procurement issues, including finding alternates for obsolete or hard-to-find parts. With the remainder of my day, I update certifications and other documents for both current products and R&D.

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

I feel that the hydrogen economy is on the horizon. As the environmental effects of electric vehicles become clearer, people are turning towards cleaner solutions like hydrogen fuel. H2scan is well-positioned to corner this market, with both its new projects and core technology. I also feel that H2scan has the energy and vision for a breakthrough year.

Thank you!

### Hydrogen Economy News Bytes

#### Germany Earmarks \$1 Billion for H2Global Project to Expand Green Hydrogen Market

The move comes as a part of the new government's program to decarbonize Europe's biggest economy. The funds will, for a maximum of ten years, offset the losses of the program, a 'double auction' in the sale of hydrogen and hydrogen derivatives. The scheme will be managed and implemented by a special-purpose entity, HINT.CO. Read more about Germany's support for the new program [here](#).

#### Deutsche Bahn Will Replace Diesel Trains with Hydrogen Alternatives

Deutsche Bahn is set to replace its fleet of 1,300 diesel locomotives with hydrogen-powered trains by 2050. The effort is part of the national German railway company's H2goesRail clean transportation project. In a recent social media post, Green Hydrogen Systems revealed that it would supply the electrolysis equipment needed to support the project. Learn more about the landmark project [here](#).

#### SoCalGas and Bloom Energy to Collaborate on Hydrogen Economy Demonstration

Southern California Gas Co. and Bloom Energy are teaming up for a hydrogen-blending project at the California Institute of Technology. This demonstration will involve generating hydrogen and blending it into the university's existing gas network, aiming to showcase the future of hydrogen economy and the technologies that will contribute to carbon neutrality in California. The project will launch in 2022 in Pasadena, California. Read more about the SoCalGas and Bloom Energy's efforts [here](#).



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