

Who is H2Go power?

H2GO Power |9,340 followers on LinkedIn. Developing and delivering hydrogen energy storage for zero-emission, reliable and safe power supply |H2GO Power is a pioneering cleantech company. We develop and deliver hydrogen energy storage technology for zero-emission, safe and reliable power supply, with a range of commercial applications.

What is H2Go power bringing to Scotland's Orkney Islands?

LONDON, UK (May 19, 2022) -- As Europe continues to lower its dependence on fossil fuels with renewable energy, H2GO Power is deploying its state-of-the-art commercial-scale hydrogen storage technology to bring greater energy security and reliability to the electrical grid of Scotland's Orkney Islands.

What is H2Go power's HyAI platform?

H2GO Power will be using its AI platform, HyAI to provide optimisation of the interdependent variables required for a potential green hydrogen production facility, such as offshore windfarm sizing, electrolysis capacity, transport and storage capacity, water availability and offtake optionality.

Why is H2Go power a green hydrogen solution?

"Not only does our solution reduce dependence on fossil fuels, but it also achieves energy security and cost savings and makes green hydrogen deployment safer, reliable, and sustainable," said Rishav Bhattacharyya, Chief Commercial and Investment Officer of H2GO Power.

How does H2Go work?

H2GO's autonomous system, integrated with artificial intelligence (AI), stores and dispenses hydrogen in solid-state materials offering potential savings of up to 55 percent compared to compressing and storing hydrogen at high pressures.

Why should you invest in H2 Energy Storage?

Flexible shape and design Our valuable IP portfolio of innovative H2 energy storage technologies gives us the freedom to operate across multiple applications in the power and energy market. Innovation on the material front; highly porous nano-particle based smart material that combines production, storage and controlled release of hydrogen

In a world first, H2GO Power ("H2GO"), in collaboration with Baxi, will lead an industrial scale demonstration to deliver its unique carbon neutral heating solution, heat-in-a-box - which will supply heat for gas pre-heating in a safe and carbon-neutral manner with potential to supply renewable heating for other operations.

HyAI is an AI-powered hydrogen management platform developed by project lead H2GO Power, innovators

of hydrogen-based solutions for renewable energy storage. The cloud-based software uses machine learning and optimisation algorithms to make intelligent, data-driven decisions to ensure system safety and reliability, and identify the most cost ...

H2GO Power also intends to develop technology that will enable green hydrogen storage over longer durations to help enhance power and grid security and stability throughout the mid-term development of those markets. The consortium expects that 100 new renewable energy jobs will be created through the project by 2026 at H2GO Power alone. An ...

H2GO Power. Zero-Emission & Reliable Power for Hospitals in Sub-Saharan Africa (hZERPH) REGION. Nigeria, Western Africa. Technology. Hydrogen and fuel cells. SECTOR. Energy generation. SCALE. Mini-Grid. STAGE. Early. ROUND. Round 7. Post navigation. Water Powered Technologies Africa Power .

But H2GO's technology can be scaled to power small flying machines reliably and safely, even over extended periods. The company's innovative 3D-printed hydrogen reactor has been scaled for drone applications using Autodesk design tools Fusion 360, CFD, and 3ds Max. The reactor module needed to store large amounts of energy in a small form ...

Insolvency for H2GO POWER LTD (09139481) More for H2GO POWER LTD (09139481) Registered office address C/O KRE CORPORATE RECOVERY LIMITED, Unit 8 The Aquarium 1-7 King Street, Reading, RG1 2AN . Company status In Administration Company type Private limited Company Incorporated on 21 July 2014 ...

In 2021, H2GO Power raised nearly \$13.6 million from private investors and public funding institutions to assist with scaling R& D, product development, and execution of pilot projects. About H2GO Power H2GO Power is revolutionising hydrogen storage solutions to dramatically reduce costs by as much as 50 percent.

Innovation on the energy storage front; Plug and Play stationary power units, shipping container size units that combine H2 generation, storage and conversion designed to store energy in the form of H2 (i.e. "H2 batteries")

H2GO Power is moving ahead with new commercial-scale state-of-the-art green hydrogen storage technology to help boost the Orkney Islands in Scotland's electrical grid energy security and reliability. Across the ...

H2GO Power Limited - August 28 H2GO Power Limited, a London-based cleantech company that delivers hydrogen energy from renewable sources, fell into administration in August, with David Taylor and Paul Ellison of KRE Corporate Recovery appointed as joint administrators. In the company's accounts for the year ending April 30 2023, its ...

H2Go Power's smart storage technology stores and dispenses hydrogen in solid-state materials, achieving volume storage densities higher than liquid and gaseous hydrogen, therefore requiring less floor space.

Building on this project, the next steps are to facilitate a commercial demonstration of H2GO Power's AI software platform and power to power hydrogen storage technology. To this end, H2GO has signed a memorandum of understanding (MoU) with EMEC to install and integrate the technology at EMEC's test site in Orkney in the future.

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Brunswick Regional Water & Sewer H2GO was originally created with the purpose of providing treated water to preserve and promote the public health of the citizens in the North Brunswick area. Hours of Operation 9 AM ... Including ...

This has the potential to increase power reliability, allow for higher penetrations of renewable energy, a accelerate the shift to a net-zero emission economy. Building on this project, the next steps are to facilitate a commercial demonstration of H2GO Power's AI software platform and power to power hydrogen storage technology.

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