

## **Acciona and Plug Power to develop Green Hydrogen Platform for Spain and Portugal**

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## **Australia Wildfire Energy awarded grant for first waste to hydrogen plant**

Wildfire Energy said to have been awarded AU\$ 200,000 in Round 7 of the Ignite Ideas Fund from the Queensland State Government's Department of Tourism, Innovation and Sport. The Ignite Ideas Fund supports Queensland based start-ups and small to medium Queensland businesses to commercialise innovative products, processes, and services to grow and compete in a global market and create new jobs. Wildfire will use the funding to market its proprietary MIHG (moving injection horizontal gasification) technology focused on Hydrogen production for domestic use. Key activities will include upgrading the existing MIHG pilot plant to separate and purify Hydrogen and demonstrate the purified Hydrogen's use to power a fuel cell vehicle.

## **Chart Industries Acquires Cryo Technologies**

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## **Enel Green Power and Saras plan 20MW electrolyser in Italy**

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## **First UK homes with hydrogen boilers and hobs to be built by April 2021**

The UK's first public homes with household appliances fuelled entirely by Hydrogen are set to be built in Low Thornley, Gateshead, providing the public a glimpse into the potential home of the future where no carbon emissions are released. The two semi-detached homes, funded with the help of the UK government's Hy4Heat Innovation programme, Cadent and NGN will open in April 2021, showing how Hydrogen has the potential to be used as a clean replacement to natural gas in the home. At the moment, 86% of homes in the UK use gas to heat their homes. The new hydrogen homes will use 100% hydrogen for domestic heating and cooking in appliances including boilers, hobs, cookers and fires. Unlike natural gas, which is responsible for over 30% of the UK's carbon emissions, Hydrogen produces no carbon at the point of use, with the only by-product being water.

## **France's Ataway unveils hydrogen refuelling network plan**

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## Fraunhofer Institute tests Alkaline Electrolysis vs Proton Exchange Membrane

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## Jericho receives final regulatory and shareholder approvals for Hydrogen Technologies Acquisition

Jericho Oil Corporation said that it received final TSX Venture Exchange approval to complete its acquisition of all the assets of California based Hydrogen Technologies Inc. As a part of the transaction, Jericho has retained the highly dedicated and robust technical team from HTI including its founder, Ed Stockton and President, Janet Reiser. Adding Ed's technical capabilities and expertise to the hydrogen market will allow for a seamless transition in building up the DCC boiler's commercial success within our low-carbon energy portfolio.

## Johnson Matthey adds support to UK All-Party Parliamentary Group on Hydrogen (APPG)

Johnson Matthey (JM), a global leader in sustainable technologies, announced that it joined the All-Party Parliamentary Group (APPG) on Hydrogen and, along with other leading companies in Hydrogen, will be supporting its secretariat. The Group focuses on raising awareness of and building support for large scale hydrogen projects in the UK. Ever since it was formed in July 2018, the APPG has provided a forum for engagement with government and industry and emphasised Hydrogen's importance in the climate change debate.

## Nel launches new containerised large-scale PEM electrolyzers

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## Orora joins SA-H2H Hydrogen Technology Cluster

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## Pipistrel reveals details of its Hydrogen-powered Miniliner plane

Pipistrel said that conceptual design studies that had been conducted are indicating significant market potential on the premise of identified technological and infrastructural feasibility. The Miniliner is a new kind of zero-emission aeroplane in the 20-seat size class, capable of operating quietly from runways shorter than 1 km, including grass airstrips at small aerodromes. While several powertrain solutions are being evaluated, advanced

hydrogen-based propulsion systems answer the non-negotiable requirements of zero-emission, quiet and safe operations. Pipistrel's Miniliners allow for a Direct Operating Cost (DOC) reduction of 30 to 40% on a per-seat metric relative to today's solutions, even with the introduction of new zero-emission propulsion, real-time emissions monitoring and advanced flight control automation technologies.

## **Platinum prices reach six-year high from a partial hydrogen boost**

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## **Rio Tinto, Paul Wurth and SHS explore low carbon DRI in Canada**

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## **Russia and Germany discuss green Hydrogen**

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## **Sono-Tek witnesses electrolyser coating growing from R&D to a commercial industry**

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## **Xebec to build a decentralised hydrogen production hub in the UK**

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