

## **Auckland Transport and Hiringa Energy explores hydrogen refuelling solutions**

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## **Axpo enters the hydrogen industry with a dedicated business unit**

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## **BASF and Siemens Energy to cooperate in the field of Carbon Management**

As part of a strategic partnership, BASF and Siemens Energy plan to accelerate commercial implementation of new technologies designed to lower greenhouse gas emissions. Possible pilot projects include the construction of a PEM (proton exchange membrane) electrolyser for hydrogen production with an output of 50 MW with the possibility of modular capacity expansions and the installation of a high-temperature 50 MW thermal heat pump for generating process steam from waste heat in a production plant. In addition, a modernisation of the power grid at the Ludwigshafen site using digital and CO<sub>2</sub>-optimized products from Siemens Energy is being evaluated. Furthermore, a study is underway to assess the potential for common system and catalytic converter development in an effort to boost the efficiency of electrolysis plants (PEM electrolysis) and for collaboration in generating electricity from wind energy.

## **Egypt and Finland discuss hydrogen**

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## **HESC project milestone: Hydrogen gas now produced at Latrobe Valley site**

HESC Project Partners said that hydrogen gas is being produced from Latrobe Valley coal as part of the world-first Hydrogen Supply Chain Pilot Project. It is a crucial project milestone as it means hydrogen gas can soon be transported by truck to an Australian first liquefaction and loading terminal at the Port of Hastings, where the hydrogen gas will be liquefied and stored. Following this process, the liquid hydrogen will be transported by a specially designed hydrogen marine carrier ship to Kobe, Japan. The pilot project is delivered by experienced Japanese and Australian industry partners and supported by the Victorian, Australian and Japanese Governments.

## **Finnish company believes its wave energy can make green hydrogen below \$2/kg**

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## **India urges for local hydrogen-powered vehicles**

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## **Jaguar Land Rover to test fuel cell powertrains within a year**

Jaguar Land Rover aims to achieve net-zero carbon emissions across its supply chain, products and operations by 2039. As part of this ambition, the company is also preparing for the expected adoption of clean fuel-cell power in line with a maturing of the global economy. Development is already underway with prototypes arriving on UK roads within the next 12 months as part of the long-term investment programme.

## **OMV and Kommunalkredit JV for Austria's largest green hydrogen plant**

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## **Royal HaskoningDHV to work on the NorthH2 project**

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## **Shoreham Port and H2evolution to install 20MW electrolyser plant**

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## **Senator Hawkins' bill to promote hydrogen-powered vehicles**

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## **UK is putting a big bet on hydrogen**

We want to build back better together, particularly in the run-up to the COP summit in November in Glasgow this year, which we hoped will be a physical incarnation of the- of the leaders of the world to agree with what we hope will be a fantastic thing, which is everybody to get to a net-zero carbon emissions by 2050, but also making pledges on the way what they're going to do to get there by 2030. So that means moving to new technology in a way that I think the Biden administration supports, getting much- many more of our vehicles powered by electricity, putting a big bet on hydrogen, putting a big bet on wind power. And the UK, you may

or may not know, is blessed with phenomenal gusts of wind, particularly in the North Sea. And we intend to harness this to become the Saudi Arabia of wind and, as it were, and there's a massive opportunity, I think, for the US and the UK to- to share- to share technology and to work together and using technological solutions. (Boris Johnson on "Face the Nation," February 14, 2021)

## US new \$100M climate fund include hydrogen

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## Volkswagen CEO thinks the world is wrong about green hydrogen

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