

HUGE NEWSFLASH

Hydrogen Utilization & Green Energy

October 2020

World's First Hydrogen-Powered Double Decker Buses Arrive in Scotland

Interesting Engineering reports on the arrival of the world's first hydrogen powered double decker bus to the Scottish city of Aberdeen in the UK.

Aberdeen, Scotland's oil and gas capital, has been looking increasing to hydrogen and the busses are part of the city's Net Zero Vision to tackle the climate crisis and cities air pollution.

The busses have been manufactured in Northern Ireland by Wrightbus, a company which has been featured in the *Newsflash* in previous months.

Jenny Laing, who is Aberdeen's City Council Co-Leader Councillor, said

"We look forward to seeing the new hydrogen double-deckers being tested around the streets of Aberdeen over the next few weeks before they come into service."

To begin the bus company First Aberdeen will run 15 of the Wrightbus double deckers with services beginning next month.

More info can be found here:

<https://interestingengineering.com/worlds-first-hydrogen-powered-double-decker-buses-arrive-in-scotland>

New agreement looks at exporting hydrogen from Iceland to Rotterdam

The website *H2-View* reports on a new pre-feasibility study looking the potential to export green hydrogen from a Landsvirkjun hydrogen production facility in Iceland to the Port of Rotterdam in the Netherlands.

Landsvirkjun is Iceland's largest electricity producer and the green hydrogen will be produced at a new facility located at its Ljósifoss Hydropower Station around 70km from Reykjavik.

The Port of Rotterdam has an aspiration to become a major import hub for hydrogen to supply European energy consumers.

Hordur Arnarson, CEO of Landsvirkjun, said

"Using hydrogen as a carrier, we can export our Icelandic green renewable energy to the European mainland, thereby increasing our contribution to the joint efforts necessary to facilitate a world-wide energy transition."

More info can be found here:

<https://www.h2-view.com/story/new-agreement-looks-at-exporting-hydrogen-from-iceland-to-rotterdam/>

Norway's Nel Hydrogen Electrolyser joins green fertilizer project in Spain

Riviera a website covering marine activities outlines a project to design and build a roll on roll off demonstration vessel to run on liquid green hydrogen in Norway.

The project has received €8M from the European Horizon 2020 research and innovation programme.

In addition to building the vessel the project looks to establish a viable liquid hydrogen supply chain and bunkering platform.

The HySHIP project looks to lower the development and operation costs associated with a move to using liquid hydrogen for ship propulsion across Europe.

Project partner Equinor's vice president logistics and emergency response Frida Eklöf Monstad said

"This zero-emissions vessel service will also be a valuable demonstrator of the technology development supporting Equinor's ambitions to move cargo from road to sea and to halve emissions from our maritime activities in Norway by 2030"

More info can be found here:

<https://www.rivieramm.com/news-content-hub/news-content-hub/new-hydrogen-vessel-project-gets-euro8m-in-eu-funding-61455>