

# HUGE NEWSFLASH

Hydrogen Utilization & Green Energy

1st September 2020

## First HUGE Newsflash Welcome

Welcome to the first newsflash from the HUGE Project.

The Hydrogen Utilisation and Green Energy (HUGE) project aims to provide remote and rural communities with the tools to develop the use of green hydrogen for energy security.

Funded through the European Northern Periphery and Arctic 2014-2020 programme, the €1.42 million project brings together partners from Scotland, Northern Ireland, Ireland, Iceland, Finland and the Faroe Islands.

The project partners will use this newsflash space to provide updates on hydrogen related news and projects that are of interest to the Northern Periphery and Arctic Programme Area which can be found below.



## Hydrogen Powered Planes by 2022

Plans for hydrogen powered planes by 2022 by a new company have been published by *The Verge*.

ZeroAvia, based in Hollister, California will build and sell planes that run on hydrogen powered electricity.

The company plans to initially target small planes with 10 to 20 seats on short haul flights of up to 500 miles.

The news story is of particular interest to remote and rural areas in the Northern Periphery of Europe as some demonstration flights will take place out of Orkney in Scotland.

As part of the HyFlyer project the European Marine Energy Centre in Orkney, a producer of hydrogen from marine renewables, will provide hydrogen for test flights as well as develop a mobile refuelling platform.

More info can be found at: <https://www.theverge.com/2019/8/14/20804257/zeroavia-hydrogen-airplane-electric-flight>

and

<http://www.emec.org.uk/press-release-hyflyer-zero-emission-aircraft-flight-tests-set-for-orkney/>

## World's First Hydrogen Car Ferry

Last month *Energy Live News* reported that the world's first hydrogen car ferry is expected to hit the water in 2021. in Norway.

Norled, the Norwegian ferry company and Weston shipyard have signed a contract for the construction of the new vessel.

Alongside the contract is another for an electric car ferry showing the importance of both technologies in decarbonising transport in many countries reliant on ferries.

Both new builds will operate on the same route from spring 2021 and will carry just under 300 passengers as well as 80 cars.

Contracting both technologies and running them on the same route suggests that the company is testing the two different technologies.

Whatever the result Sigvald Breivik, Technical Director of Norled has recognised that this will put Norway on the map for zero emission technologies.

More info can be found at:

<https://www.energylivenews.com/2019/07/02/worlds-first-hydrogen-car-ferry-to-hit-the-water-in-2021/>



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Northern Periphery and  
Arctic Programme  
2014–2020



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