

HUGE NEWSFLASH

Hydrogen Utilization & Green Energy

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Scottish Government Hydrogen Policy Statement

Scotland wants to become a leader in the production of reliable, competitive, sustainable hydrogen. This will secure Scotland's future as a centre of international excellence as they establish the innovation, skills and supply chain to underpin the energy transition.

On 21 December the Scottish government released a hydrogen policy statement, with plans on how to incorporate the fuel for use in heating, transportation and industry.

The Hydrogen Policy Statement will provide the framework for the development of a Hydrogen Action Plan in 2021 which will provide further details on the planned approach and necessary actions to implement the policy positions outlined in the Policy Statement.

More info:

<https://www.gov.scot/binaries/content/documents/govscot/publications/speech-statement/2020/12/scottish-government-hydrogen-policy-statement/documents/scottish-government-hydrogen-policy-statement/scottish-government-hydrogen-policy-statement/govscot%3Adocument/scottish-government-hydrogen-policy-statement.pdf>

First hydrogen buses enter service in Northern Ireland

Translink together with the Energia Group formed a consortium which successfully bid for part-funding from the Office of Zero Emission Vehicles (OZEV) with the remainder of funding from the Department for Infrastructure. The overall capital investment represents around £4 million.

The arrival of the three new Hydrogen Fuel Cell Buses is the culmination of a zero emissions bus pilot project powered by green hydrogen. Built by Wrightbus, the three buses will emit only water and will be powered by green renewable wind energy. Infrastructure minister Nichola Mallon said the pilot project represented "a significant first step to tackling the climate emergency".

"It demonstrates how working together and as individuals we can play our part in delivering the ambitions of the Northern Ireland executive to reduce greenhouse gas emissions and improve air quality," she said.

More info:

<https://smartbelfast.city/story/translink-hydrogen-buses/>

Nordic communication networks could be powered by hydrogen fuel cells

New deal between Ballard Power Systems and power conversion company Eltek Nordic could allow telecom networks and other critical communication infrastructure in Norway, Denmark and Iceland to have back-up power from hydrogen fuel cells.

The two companies have a long-standing commercial relationship and recently collaborated on a project at Trollstigen in the mountains of Norway, installing an off-grid power solution that integrates solar, wind, fuel cells and batteries to ensure continuous operation and connectivity of a remote telecom network site.

As providers of extensive fiber broadband networks for telecommunications services, Nordic countries require reliable backup power systems that ensure continuous connectivity, even in the event of grid failures.

More info::

<https://www.prnewswire.com/news-releases/ballard-and-eltek-nordic-to-collaborate-on-fuel-cell-backup-power-systems-for-communication-networks-301191745.html>