

HUGE NEWSFLASH

Hydrogen Utilization & Green Energy

July 2021

Cromarty Firth Ideal Location For UK's Largest Electrolyser

The North of Scotland Hydrogen Programme 'Distilleries Project' study identified a number of sites around the Firth deemed fit to host a 35MW electrolyser facility by 2024, producing up to 14 tonnes of green hydrogen per day.

The facility could be further expanded to meet growing demand from across Scotland, the UK and internationally for green hydrogen. This zero carbon fuel forms a key part of the Scottish Government's decarbonisation strategy and would provide a massive contribution to the ambitions of becoming a leading hydrogen economy by 2030 and net-zero by 2045.

The study examined the viability of a green hydrogen hub in the Cromarty Firth supplying distilleries in the region with hydrogen at a competitive price to help decarbonise their heating and processes in making whisky.

The study acknowledges green hydrogen's role as a sustainable, safe, long-term energy solution that is vital for those who cannot decarbonise their operations through renewable electricity alone.

More info can be found here:

https://www.pocf.co.uk/2021/07/23/cromarty-firth-ideal-for-uks-largest-hydrogen-electrolyser/?utm_source=linkedin&utm_medium=social&utm_campaign=hydrogen&utm_content=hydrogen+feasibility+study

SSE to explore production of green hydrogen energy in Ireland

SSE Renewables and Siemens Gamesa Renewable Energy are to explore the opportunity to produce green hydrogen using energy from two onshore windfarms in Ireland and Scotland.

The partnership aims to encompass the full green hydrogen value chain, including construction, supply chain management, customer offtake and storage, end user requirements, reliability and operation and maintenance.

The two companies will also aim to work with green hydrogen customers across a range of industries including transportation, major distilleries and gas network operators.

Jim Smith, managing director of SSE Renewables, said it made "perfect sense" to partner with Siemens Gamesa. *"The revolutionary production of green hydrogen from wind energy offers wider opportunity for markets such as Ireland and Scotland to further exploit our abundant wind resources"*

More info can be found here:

<https://www.irishtimes.com/business/energy-and-resources/sse-to-explore-production-of-green-hydrogen-energy-in-ireland-1.4630757>

The Women in Green Hydrogen Mentoring Program Kicks Off!

The 5th of July 2021 marked the launch of the Women in Green Hydrogen 'Empowering Women through Women' Mentoring Program.

The program pairs senior experts in green hydrogen with those in the early stages of their career to provide a space for women to share their experiences, challenges, and ambitions in the sector.

Over 50 women participated in the Kick-Off Event from across five continents and met their assigned mentor for the first time. Each of the 39 pairs participating in this year's program were matched according to industry expertise and to facilitate a global exchange of knowledge.

The Kick-Off Event firstly guided participants through the WiGH Mentoring Tool Kit, and then split off into breakout sessions where both parties had the chance to express their desired outcomes, including: exchanging experiences, building a network, and the chance to reflect on personal career developments.

More info can be found here:

<https://women-in-green-hydrogen.net/mentoring-program/>