

HUGE NEWSFLASH

Hydrogen Utilization & Green Energy

1st January 2020

Welcome to 2020

Welcome to the first HUGE Newsflash for 2020. We intend to carry on using the Newsflash to keep you updated with everything Green Hydrogen related in the Northern Periphery and Arctic Programme countries.

We scour the news so you don't have to but we always are keen to hear about hydrogen stories. If you find an interesting article that you wish us to cover or feel would be useful to share please send it to us via our email or social media which can be found below:

- info@huge-project.eu
- twitter.com/HUGE_Project_EU/
- www.linkedin.com/company/huge-project-eu

You can find our previous Newsflashes here:

<https://huge-project.eu/downloads/newsflash/>

UK Pilot Project Mixes 'Green' Hydrogen With Natural Gas

TreeHugger.com introduces a long piece looking at a UK pilot project that mixes hydrogen with natural gas.

The article outlines the 'hype' around hydrogen in the UK and the role it can play in decarbonising heating and cooking with gas.

The article then goes on to explore the different ways of producing hydrogen and outlines how these are named after various colours.

The article, written in a relaxed tone, covers the UK's ambitions on green hydrogen and quotes from the UK Committee on Climate Change and part of their net-zero by 2050 plans.

The article also covers the headline story looking at a shipping container sized unit from ITM that blends 80% natural gas and 20% hydrogen to allow customers to continue to use the blended gas without changing any of their appliances or pipework.

More info can be found at:

<https://www.treehugger.com/uk-pilot-project-mixes-green-hydrogen-natural-gas-4856218>

Green hydrogen demand in Europe a 100GW+ opportunity for renewables

ReCharge News covers a story looking at renewable electricity demand in Europe to meet green hydrogen ambitions.

The article outlines that between 300-800TWh of green energy will need to be generated to power electrolyzers every year, by 2050.

The figure has been calculated by the European Networks of Transmission System Operators for Electricity, and Gas.

The article quotes Dimitrios Chaniotis, system development committee chair at ENTSO-E who recognises the scale of the challenge.

The article does however recognise the enormous scale of opportunity that green hydrogen offers to renewable generators.

According to *Recharges* own calculations 800TWh is the equivalent of all output from over 400GW of onshore wind, over 250GW of offshore wind, over 500GW of solar, or around 100GW of nuclear power.

More info can be found at:

<https://www.rechargenews.com/transition/green-hydrogen-demand-in-europe-a-100gw-opportunity-for-renewables/2-1-747581>