

## Plans for European Hydrogen Backbone expanded

European Hydrogen Backbone want to expanded further to nearly 40,000km covering 11 new countries, with 12 European gas TSOs joining the EHB initiative, to the original 11 ! This grid connects 21 European countries. Some 69% of the proposed hydrogen network consists of repurposed existing natural gas grids. The remaining 31% newly built pipelines are needed to connect new off-takers and are located in countries with small gas grids today, yet with high expected future hydrogen demand and supply.

Professor Ad van Wijk, Advisor to Hydrogen Europe, believes 'Europe needs to rapidly develop dedicated hydrogen pipeline infrastructure'

Daniel Muthmann, Coordinator of the European Hydrogen Backbone initiative, said, "Our new report shows that a truly pan European hydrogen infrastructure largely based on repurposed existing gas infrastructure is possible."

More info can be found here:

<https://gasforclimate2050.eu/news-item/european-hydrogen-backbone-grows-to-40000-km/>

## Major green hydrogen Scheme near Glasgow

Exciting plans from Scottish Power partnering with ITM Power GmbH & BOC UK & Ireland for green hydrogen project near UK's largest onshore wind farm Whitelee Windfarm. The Glasgow scheme is designed to provide carbon-free transport and clean air for communities across Glasgow, as well as support industrial hydrogen demand in the region. The city, which is set to host the United Nations 26th Climate Change Conference later this year, plans to become the first net-zero city in the UK by 2030.

Barry Carruthers ScottishPower's hydrogen director "With all eyes set to be on Glasgow later this year as the city hosts the UN's 26th climate change conference, #CCOP26, it's fantastic to be making this next important step towards delivering green hydrogen for Glasgow."

Mark Griffin from BOC 'Green hydrogen has a vital role to play in Scotland and the wider UK's journey to net zero emissions providing a sustainable energy source that can provide clean, #renewable energy for industries, heavy transport and companies for decades to come.'

More info can be found here:

<https://www.bbc.com/news/uk-scotland-scotland-business-56721727>

## Hydrogen for cold ironing

New deal could see Green Hydrogen used for cold ironing in Italian ports. It is believed that electrical storage will play a huge role in the reformation of the new port infrastructure whilst also utilising fuel cells to power the on-site production systems.

Eliano Russo, Head of E-Industries, 'Enel X & FINCANTIERI S.p.A. are joining forces to promote the decarbonization of powering docked ships.'

Laura Luigia Martini, CEO Business Advisor and Executive Vice-President of Corporate Business Development at Fincantieri "We will make our skill set available to a highly innovative program, laying the foundation for an authentically #digital and green transition that will reverberate throughout Italy's maritime economy, and beyond".

More info can be found here:

<https://www.h2-view.com/story/new-deal-could-see-hydrogen-used-for-cold-ironing-in-italian-ports/#:~:text=Hydrogen%20infrast,with%20a%20low%20environmental%20impact.>