

East Coast Hydrogen

Northern Gas Networks

Chris Verity Hydrogen Senior Projects Manager







Who we are





We provide energy to 6.8 million people and businesses

Our region spans 25,000km² from the Scottish borders to The Humber and to Northern Cumbria.

37,000km is the length of pipe that we own – the equivalent distance from Leeds to Australia and back again



East Coast Hydrogen

A plan to connect hydrogen production and storage with industrial users in our region





we are

What's new in terms of regulation and funding

The Government's commitment to grow the low-carbon hydrogen economy is significant

- DESNZ Hydrogen Strategy Delivery Update Dec
- DESNZ Hydrogen Transport and Storage networks Pathway -Dec
- NIC 2nd National Infrastructure Assessment -Oct
- DESNZ Hydrogen transport and Storage Business Model Consultation -Dec
- DESNZ Hydrogen to Power Consultation Dec
- DESNZ Policy Decision on Hydrogen Blending in the Distibution network
- DESNZ Policy and Strategy for Energy Policy for Net Zero Feb 24
- Committee for Climate Change and Royal Society Reports



Project Phases



East Coast Hydrogen is a long term project that will be carried out in multiple, discrete phases to decarbonise industrial processes and domestic heating in the East Coast region.



East Coast Hydrogen Consortium members who have signed Letters of Support and/or provided H₂ forecasts

 \triangleleft

East Coast

Hydrogen



63 of the 68 stakeholders who have committed Letters of Support and/or provided H₂ forecasts have approved to show their logos above.

Delivery Plan



Connect hydrogen supply with hydrogen demand across multiple customers commencing with industrials fuel switching to hydrogen



Transport hydrogen through repurposed and new build pipelines to industrial users first, with further potential to supply domestic users through town pilot



Build resilience with the interconnectivity of the Humber and Teesside industrial clusters and storage facilities across the East Coast Hydrogen region

Support efficient market growth by balancing supply and demand and enabling connections across the East Coast Hydrogen region



Note: Network configuration includes new build and repurposed pipelines and is indicative and subject to change



East Coast Hydrogen

















The next step for all networks is FEED; the target date for re-purposed transmission lines is 2028 with first new build phases live around 2030









Download the delivery plan



linkedin.com/company/northern-gas-networks linkedin.com/company/cadentgas/ linkedin.com/company/national-gas-gb

#eastcoasthydrogen, #hydrogenenergy, #netzero





Your Gas Network national gas