

# Capital Hydrogen

6th Consortium Meeting

10<sup>th</sup> February 2026

Working in partnership to deliver hydrogen for  
London, the East of England and the South East



# Housekeeping

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Please mute microphones to limit disruption



Please turn off webcams if you are not speaking. This will improve general call quality.



Please ask questions using the chat or Q&A functionality.



This meeting will be recorded, and the slides will be distributed afterwards.

# Agenda

Time	Session	Speaker
<b>14:00 - 14:10</b>	Welcome, Introductions & New Members	Michael Williams <i>Talan</i>
<b>14:10 – 14:20</b>	Update from National Gas	Donald Oleforo <i>National Gas</i>
<b>14:20 - 15:00</b>	Panel session exploring our panellists hydrogen projects, regional hydrogen development, and the wider industry/policy landscape	<b>Chair:</b> Kelly Manders, <i>Cadent</i> <b>Panel:</b> National Gas, Hydrogen UK, RES Group, Hygen
<b>15:00 - 15:25</b>	Open Q&A	All
<b>15:25 - 15:30</b>	Closing remarks	Kelly Manders, <i>Cadent</i>

# Consortium Members

## capital hydrogen

### Hydrogen Demand Users



### Hydrogen Transportation Stakeholders



### Hydrogen Production Stakeholders



### Government, Regional, Third Sector and Local Authority Stakeholders



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capital **hydrogen**

Welcome to our  
latest member

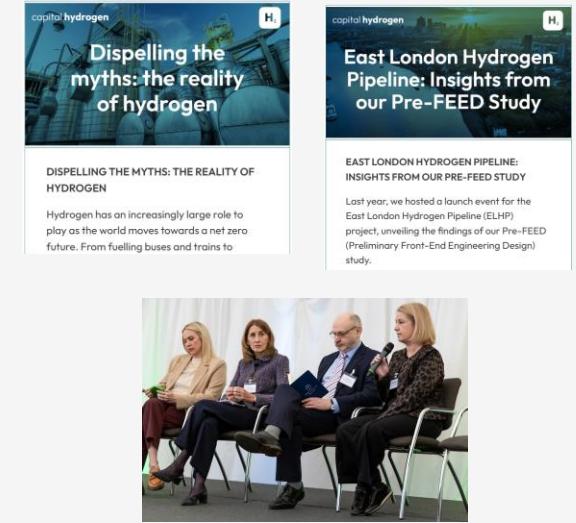
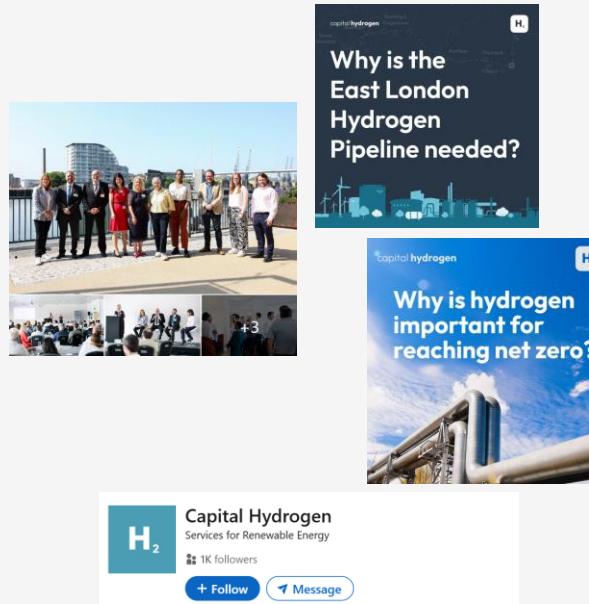
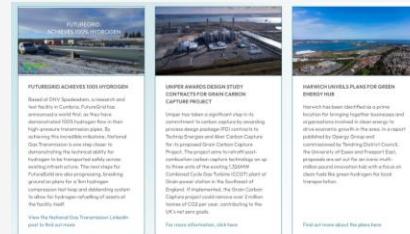


# capital **hydrogen**

## Growing Member Base

## News

Please continue to share your news and updates with us.



**LinkedIn page**  
**1,316** followers  
**Please follow and engage**

## Content & Events

Brochures, blogs, case studies

# Project Union: A UK Hydrogen Backbone

# About Donald Oleforo



Donald Oleforo  
Head of Hydrogen and Green Gases  
National Gas Transmission

Donald is responsible for the development and delivery of National Gas transmission's hydrogen & green gases transition strategy and related infrastructure programmes. He works closely with various UK and EU programmes for clean energy transition

# The National Transmission System (NTS)

## The role of gas today:



**23m**

gas customers  
across the UK



**85%**

households using  
gas for heat



**881 TWh**

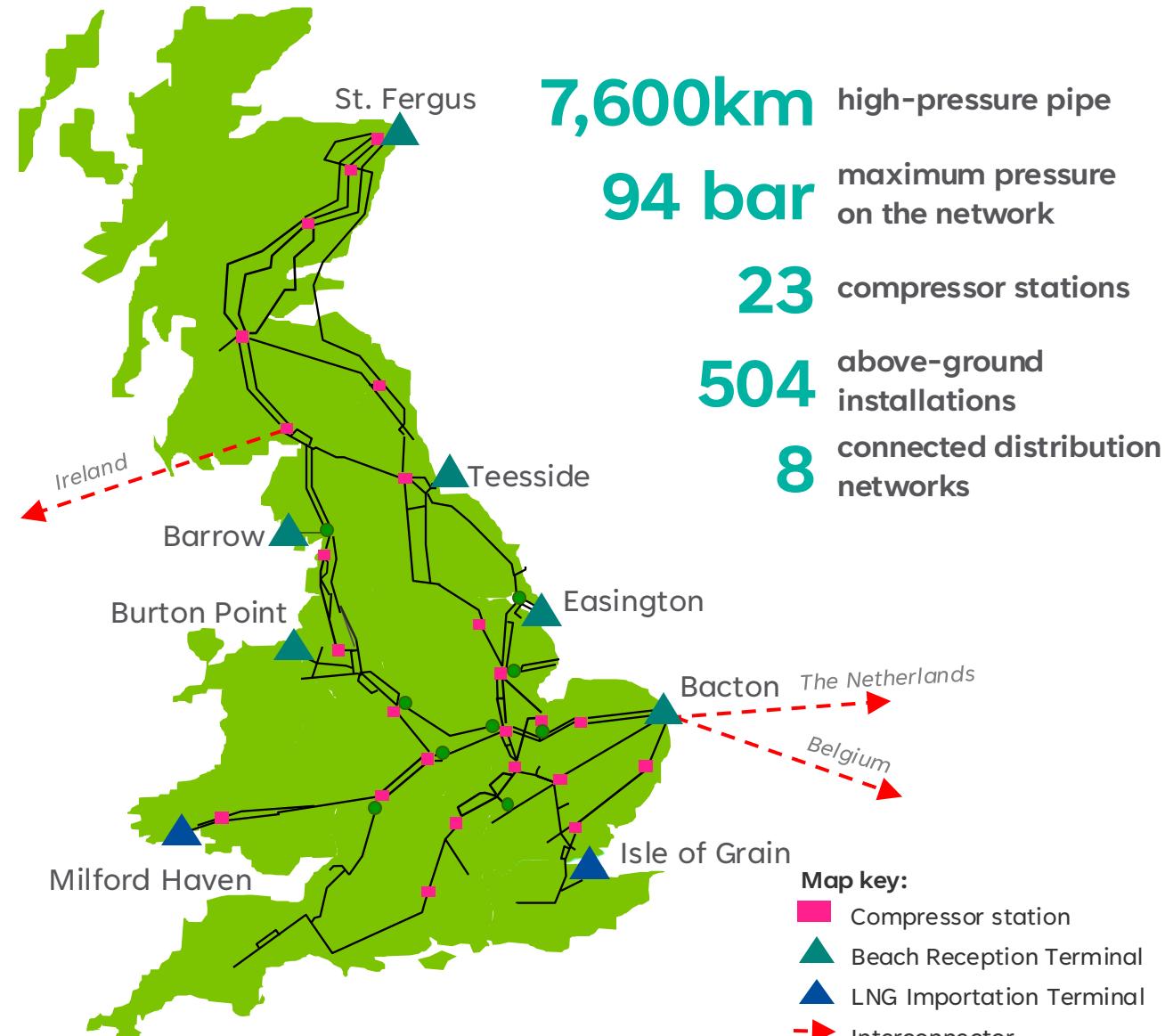
of energy is  
delivered by NTS

## UK gas demand:

**39%**  
Power  
Generation

**38%**  
Domestic  
Use

**23%**  
Industrial &  
Commercial



# ProjectUnion

Project Union will connect, enable net zero and empower a UK hydrogen economy, by creating a hydrogen 'backbone' for the UK, transporting 100% hydrogen, by the 2030s.



~2,500km hydrogen transmission network



Use existing and new infrastructure



Connect cross GB supply, demand and strategic storage sites



# Project Union Phasing Strategy

1 Full hydrogen value chain established across production, storage and demand

2 Vast renewable energy for green hydrogen production and hydrogen export potential

3 Cluster demand and linking North to South providing access to storage.

4 Large storage potential vital to a hydrogen economy



5 Connection to Europe, import and export opportunities

6 Decarbonising electricity consumption: Currently 7 methane-fired power stations are connected in the region

7 Industrial cluster demand: Black Country Industrial Cluster

8 Industrial cluster demand: The Solent industrial cluster

9 Industrial cluster demand: South Wales Industrial

# Project Union: summary

- Government policy indicates a clear signal for hydrogen, and it is essential that this is **supported with the development of transportation infrastructure** to allow a resilient, liquid, competitive UK wide market to develop.
- Given the length of time required to plan for and deliver critical national infrastructure, if the UK is to achieve its Net Zero targets by 2050, there is **a clear need to act now and at pace**.
- **Project Union** proposes to create an operational '**hydrogen backbone**' for the UK **of up to 2,500km**, representing ~1/3 of the length of the UK's current methane transmission network, by the 2030s.
- The backbone will be created by **repurposing existing assets where possible** and **building new infrastructure where needed**.
- We will create the evidence base to support government and regulatory policy decision making. We have already delivered a **Phasing strategy** with priority pipeline routes, **Pre-Front End Engineering and Design (pre-FEED) for the full UK hydrogen backbone** and a range of **Hydrogen market enabling activities**
- We have funding to deliver **Front End Engineering Design (FEED)** studies and associated activities for the **East Coast, St Fergus to Teesside and North-West phases** from the economic regulator, Ofgem, for. This represents >50% of the proposed Project Union network!

# Thank you

You can find out more and get in touch:

 [hydrogen@nationalgas.com](mailto:hydrogen@nationalgas.com)

 [nationalgas.com](http://nationalgas.com)

 National Gas Transmission

# Panel Session

# Meet our Panellists

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## Chair



**Kelly Manders**  
Regional Development  
Manager  
(East and London)  
**Cadent**



**Donald Oleforo**  
Head of Hydrogen  
Business Development  
**National Gas**



**Joseph Greaves**  
Policy Advisor  
**Hydrogen UK**



**Bola Sangosanya**  
Senior Hydrogen  
Integration Manager  
**RES Group**



**Rebecca Neill**  
Head of Project  
Development  
**Hygen**

# Kelly Manders

Regional Development Manager (East and London)  
Cadent



- Hydrogen UK is the UK's leading trade association for the hydrogen industry
- 100+ members with representation across all aspects of the value chain
- Work is concentrated through HUK's working groups, producing influential reports and publications such as [Splitting the Difference](#) (with RUK) and [Driving Demand](#)
- Regularly engage with government at all levels on behalf of the HUK membership
- Hosts of the [HUK Annual Conference](#) - the UK's largest dedicated hydrogen event (10-11 March 2026)



**Joe Greaves**  
Policy Advisor & WG Lead

### HUK's Working Groups

Electrolytic Production

CCUS Production

Networks & Storage

Transport

Industry

Heat

Power

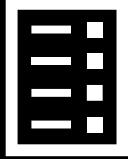
Jobs, Skills & Supply Chains

# Bola Sangosanya - Northfleet HPF - HAR 1



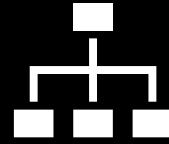
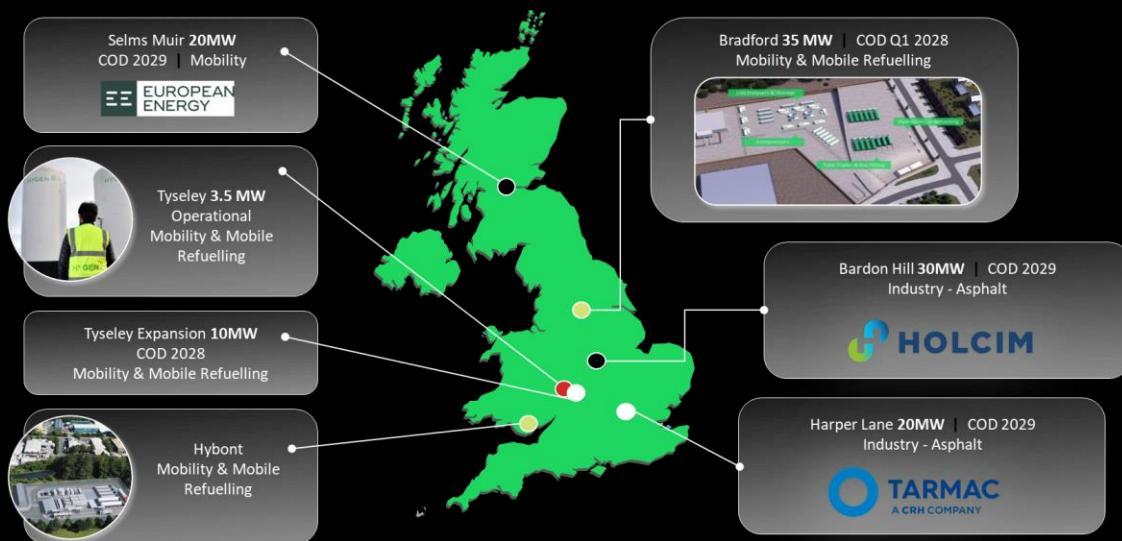
- Senior Hydrogen Manager
- 23 years in industry across various renewable energy technologies
- Northfleet, one of 11 projects successful in HAR1
- Kimberley Clark's Andrex factory in Northfleet, Kent – is offtaker
- 16MVA grid connection, 3x5MW ITM Electrolysers, 500m3 (10x 50m3) storage
- Located within Offtaker's land.
- Planning consented and condition discharge progressing
- Construction start on site planned for mid Feb 2026
- COD planned for Q4 2027





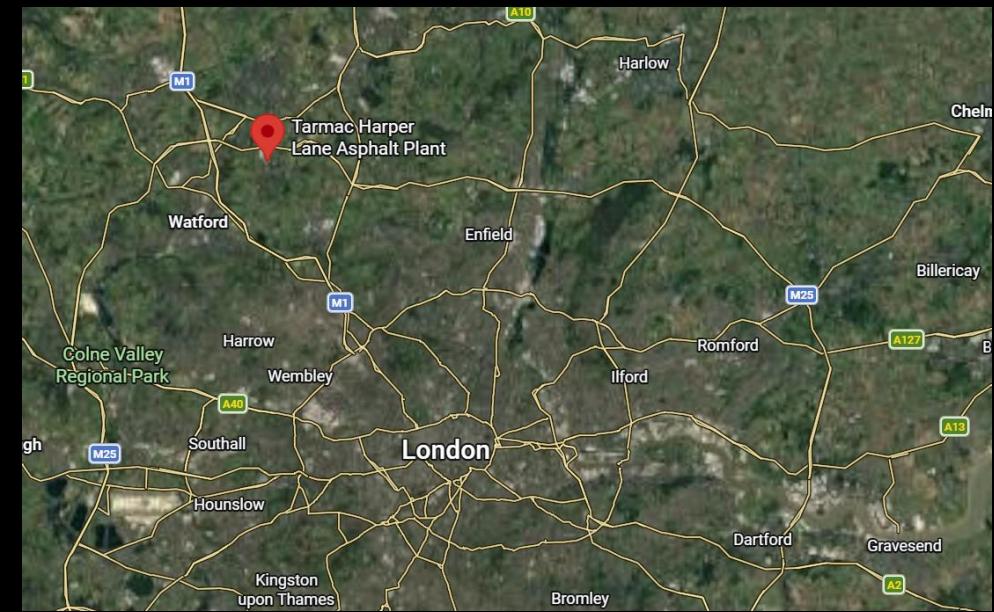
## Rebecca Neill

Head of Project Development



## Harper Lane Hydrogen

Shortlisted HAR2 project. 20MW co-located project with Tarmac Asphalt Plant + export of hydrogen to wider London area



# Panel Session and Open Q&A

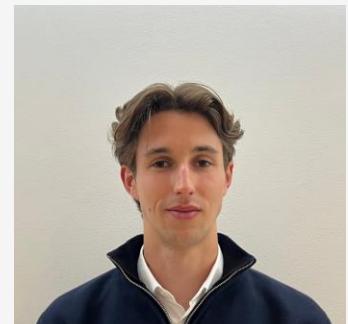
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**Hygen**

If you have any questions for our panellists, please add them to the chat/Q&A function.

Thank you for joining!



[www.capitalhydrogen.co.uk](http://www.capitalhydrogen.co.uk)



