
Capital Hydrogen

6th Consortium Meeting

10th February 2026

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



Housekeeping



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



capital **hydrogen**

Welcome to our
latest member



capital hydrogen

amentum

ADVERTISEMENT

amentum is a leading engineering, project and engineering management with deep technical expertise in a wide range of industries. We are currently seeking experienced professionals for major UK organisations in the energy sector.

There are opportunities to advance energy efficiency, sustainability and energy efficiency in a wide range of industries. We are currently seeking experienced professionals for major UK organisations in the energy sector.

AUTOFLAME

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AutoFlame is a global leader in commercial and industrial combustion control and engineering solutions for engine companies to monitor and reduce emissions, fuel and maintenance costs, while increasing reliability.

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British Sugar

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British Sugar is a leading sugar producer in the UK. We are currently seeking experienced professionals for major UK organisations in the energy sector.

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Carlton Power

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CEMEX

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GENERAL ELECTION

On 14 July, the country elected its first Labour Government since 1997. Capital Hydrogen is delighted to support the government's commitment to green energy and to be part of the £10 billion investment in the manufacturing of green hydrogen, which will be used to power the country's transport and industrial sectors. We are currently seeking experienced professionals for major UK organisations in the energy sector.

SPRING BUDGET 2024

The Chancellor has announced an additional £10 billion in the Green Industrial Growth Accelerator (GIGA) to further support the expansion of the nation's manufacturing supply chains across the UK. We are currently seeking experienced professionals for major UK organisations in the energy sector.

GOV.UK

GREEN INDUSTRIES GROWTH ACCELERATOR (GIGA) SUPPLY CHAINS

The Government is seeking evidence to help inform the design of the hydrogen supply chain. We are currently seeking experienced professionals for major UK organisations in the energy sector.

HYDROGEN PIPELINE

Hydrogen is a clean, sustainable energy source that can be used to power the country's transport and industrial sectors. We are currently seeking experienced professionals for major UK organisations in the energy sector.

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Why is the East London Hydrogen Pipeline needed?

Why is hydrogen important for reaching net zero?

Capital Hydrogen
Services for Renewable Energy

1K followers

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Dispelling the myths: the reality of hydrogen

DISPELLING THE MYTHS: THE REALITY OF HYDROGEN

Hydrogen has an increasingly large role to play as the world moves towards a net zero future. From fuelling buses and trains to

East London Hydrogen Pipeline: Insights from our Pre-FEED Study

EAST LONDON HYDROGEN PIPELINE: INSIGHTS FROM OUR PRE-FEED STUDY

Last year, we hosted a launch event for the East London Hydrogen Pipeline (ELHP) project, unveiling the findings of our Pre-FEED (Preliminary Front-End Engineering Design) study.



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



881TWh

of energy is
delivered by NTS

UK gas demand:

39%

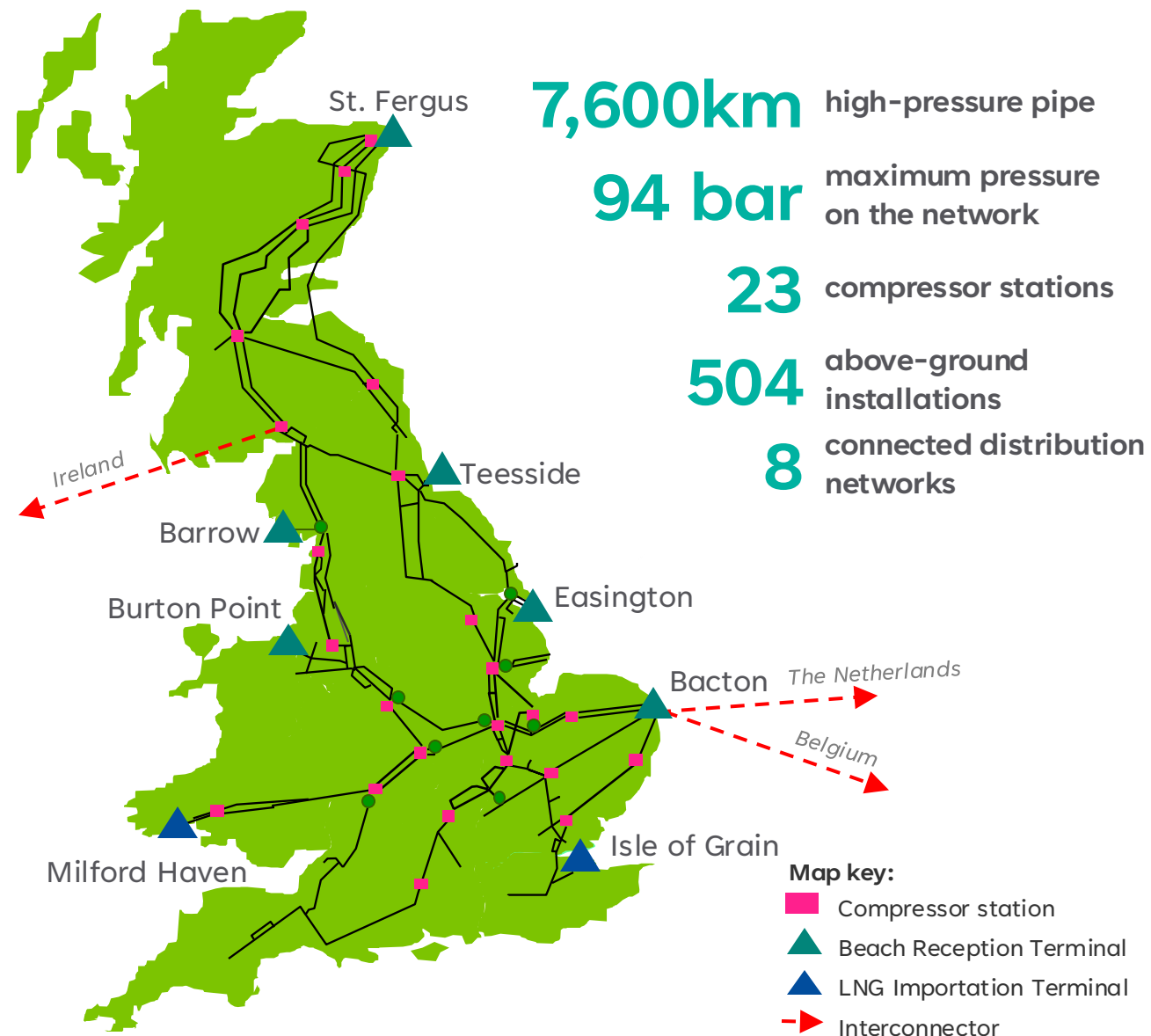
Power
Generation

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



nationalgas.com



[National Gas Transmission](#)

Panel Session

Meet our Panellists

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)



HUK's Working Groups



Joe Greaves
Policy Advisor & WG Lead

Electrolytic
Production

CCUS
Production

Networks
& Storage

Transport

Industry

Heat

Power

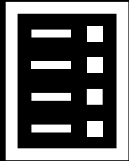
Jobs, Skills &
Supply Chains

Bola Sangosanya – Northfleet HPF – HAR 1



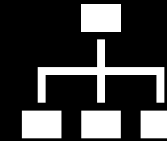
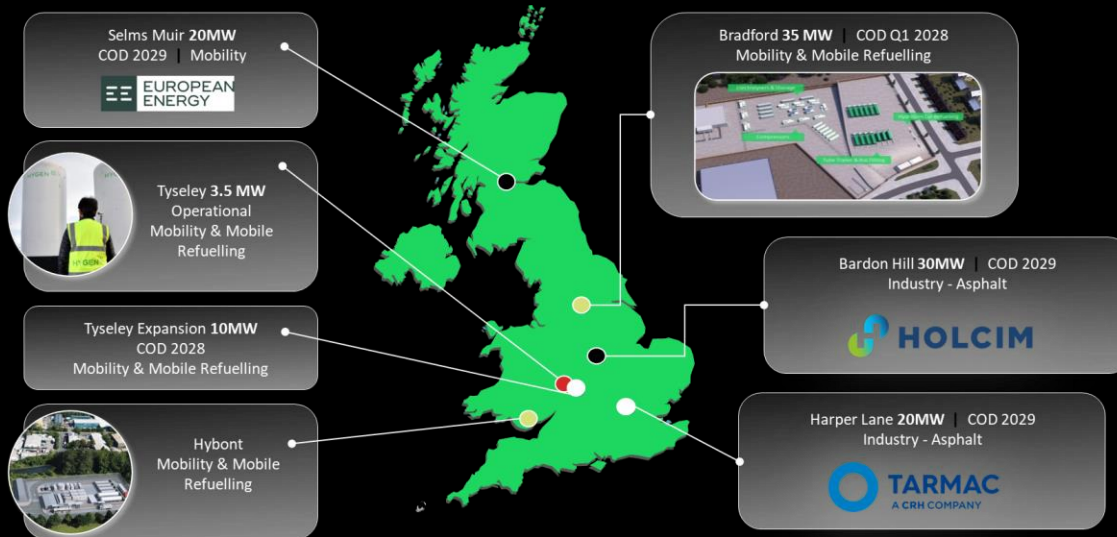
- › Senior Hydrogen Manager
- › 23 years in industry across various renewable energy technologies
- › Northfleet, one of 11 projects successful in HAR1
- › Kimberley Clark's Andrex factory in Northfleet, Kent – is offtaker
- › 16MVA grid connection, 3x5MW ITM Electrolysers, 500m³ (10x 50m³) storage
- › 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





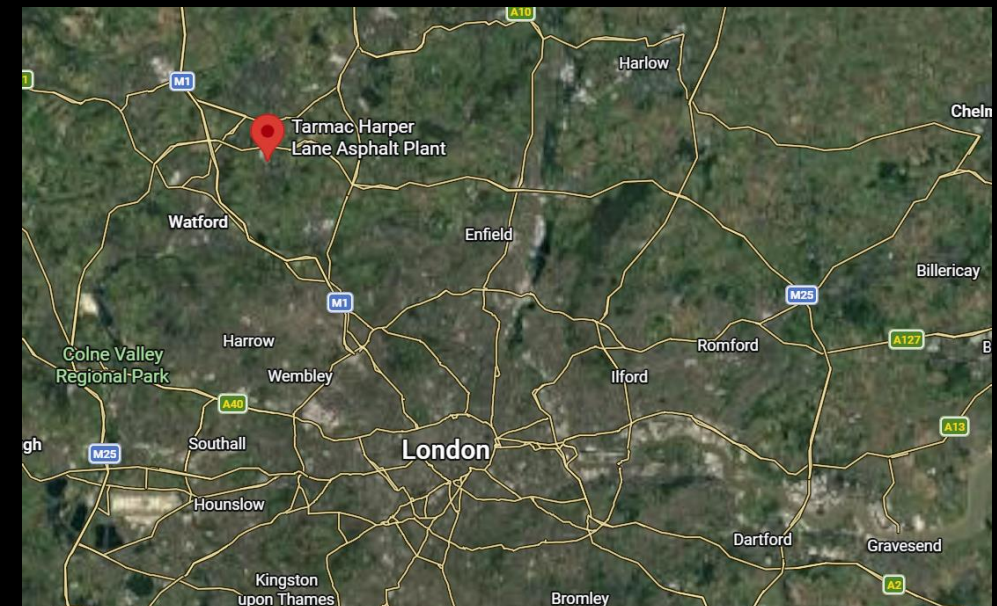
Rebecca Neill

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

Chair



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Regional Development
Manager
(East and London)
Cadent



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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

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



