

# The Hydrogen Decade Summit 2022

27 September

## AGENDA

08:00 – 09:00

**Registration and networking**

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09:00 – 09:10

**Welcome address**

*Prof. Marco Dell'Aquila – Chairman, **inspiratia***

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09:10 – 10:00

**Panel 1 – Accelerating demand**

- How can the transition to hydrogen be feasibly executed?
- In the wake of the war in Ukraine, can hydrogen mitigate reliance on Russian gas supplies?
- Is the energy price crisis working in favour of the hydrogen industry?
- What is the feasible demand growth trajectory for hydrogen?

*Wouter Bleukx – Business Director Hydrogen, **Inovyn***

*Leon Prebeau-Menezes – Project Director, **Keadby Hydrogen (Equinor/SSE)***

*Thomas Engelmann – Head of Energy Transition, **KGAL***

*Urbano Troncoso Pérez – Vice President - Structured Finance Hydrogen Specialist, **Santander***

*Moderator: Cathal Leigh-Doyle – **Stephenson Harwood***

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10:00 – 11:00

## Coffee & Networking

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11:00 – 11:30

## The Low Carbon Hydrogen Business Model – does the contract work?

Jonathan Cripps – Partner, **Stephenson Harwood**

Prof. Marco Dell’Aquila – Chairman, **inspiratia**

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11:30 – 12:15

## Panel 2 – Scaling up production

- What challenges do new entrants face when providing hydrogen as a service to industry?
- Will rising demand put pressure on renewables and how will offshore wind adapt?
- Will supply chain disruption allow electrolyser manufacturers to scale up their output?
- If hydrogen is blended in the natural gas grid, where will the supply come from?
- What are the options for storing and transporting hydrogen?
- Should green hydrogen be favoured over other forms such as grey, blue, etc.

Will Rowe – CEO, **Octopus Hydrogen**

Sam French – Business Development Director, **Johnson Matthey**

Heike Carl Zatterstrom – CCO, **Boson Energy**

Mona Bhagat – Senior Technical Advisor, **KBR**

Moderator: John Williams – Head of Hydrogen Expertise Cluster, **AFRY**

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12:15 - 13:00

## Panel 3 – Distribution dilemma

- Blending hydrogen with natural gas will become critical. How difficult will this be?
- Heavy industry will need a lot of hydrogen, most likely grey or blue, but is this true decarbonisation?
- Can the blending of hydrogen into existing gas supplies be scaled-up nationally?
- Where are the bottlenecks in rolling out hydrogen-ready infrastructure?
- Does electrification pose competition to hydrogen in decarbonising the gas grid?

Gearóid FitzGerald – Hydrogen Commercial Manager, **Gas Network Ireland**

Charles Perez Storey – Project Engineer, **Progressive Energy**

*Alicia Eastman – President, **InterContinental Energy***

*Moderator: Omolola Coker – Head of Content, **inspiratia***

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**13:00 – 14:00**

## **Lunch & Networking**

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**14:00– 14:15**

### ***inspiratia* research presentation**

*Oliver Carr – Senior Hydrogen Analyst, **inspiratia***

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**14:15 – 15:00**

### **Panel 4 – Decarbonising transport**

**(Land, Sea, and Air)**

- EVs have captured the public’s imagination, but how far behind is hydrogen?
- With hydrogen trains multiplying, how quickly can shipping and aviation catch-up?
- How can the economics of fuel cells be improved relative to their electric counterparts?
- What is hindering the business case for more widespread adoption of hydrogen fuels?

*Katya Akulinicheva – CFO, **ZeroAvia***

*Anise Ganbold – Research Lead, Commodities and Hydrogen, **Aurora***

*Aparajit Pandey – Green Hydrogen Hubs Manager, **RMI***

*Moderator: Oliver Carr – Senior Hydrogen Analyst, **inspiratia***

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**15:00 - 15:45**

## **Coffee & Networking**

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**15:45 – 16:15**

### **Presentation + Q&A**

*Angus Paxton, Energy decarbonisation expert – **AFRY***

*Kelechi Udeala, Senior Renewables Analyst – **inspiratia***

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**16:15 - 17:00**

## **Panel 5 – Funding**

- Money is being invested in early-stage projects, but will this translate to third-party investment or debt?
- Is the risk/reward matrix going to be conducive to large-scale development?
- How confident are companies in tapping capital markets?
- When will fund managers become comfortable with hydrogen as a long-term proposition?

Terence Amako – Head of M&A, **Centrus**

Stirling Habbits – Director of Business Development and Managing Director of Hydrogen, **Source Energie**

Dr Werner Trapesinger – Head of Quantitative Products, **Pexapark**

Sam Gray – Partner, **Stephenson Harwood**

Johnathan James - Director, **Augusta & Co**

Moderator: Prof. Marco Dell’Aquila, Chairman – **inspiratia**

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**17:00 - 17:05**

## **Farewell address**

Omolola Coker, Head of Content – **inspiratia**