

## REA Event: The Hydrogen Economy - agenda

Monday, 28<sup>th</sup> November, EY More London Riverside SE1 - an in-person conference.  
The event has been launched on the [REA website](#).

### 08:45 – 9:15 - Refreshments and Registration

09:15 - 09:25 - *Welcome and introductions* - Dr Nina Skorupska CBE, REA's CEO

09:25 – 09:35 - *Address from relevant Minister*, TBC

09:35 – 09:55 Keynote speech *Hydrogen's key role in the transition to a cleaner world*, Jane Toogood, Chief Executive, Catalyst Technologies, Johnson Matthey and UK Government's first Hydrogen Champion hydrogen

### Supporting the growth of hydrogen production – chaired by William Mezzullo, REA Green Gas and Hydrogen Chair and Head of Hydrogen at Centrica

9:55 – 10:15 *Government policy to support the hydrogen economy*- Alison Conboy, BEIS, Deputy Director, Hydrogen Production– presentation

10:15 – 10:30 *Positioning for growth in green hydrogen* - Charles Purkess, Business Development Manager, ITM Power – presentation

10:30 – 10:45 *Q&A*

### What's next for hydrogen blending into the gas network

*This session will explore the role of blending to support hydrogen investment and the scale up of the hydrogen sector in the transition to a 100% grid. It will look at the state of art of blending, the regulatory, economic, policy and customer related barriers that need to be overcome to enable blending into the gas distribution and transmission systems and discuss the next steps to enable blending.*

10:45 – 11:00 *The full hydrogen heating landscape, from blending to conversion* – presentation from Tommy Isaac, Head of Hydrogen Research, Progressive Energy Limited – presentation

### Coffee break – 11:00 – 11:25

11:25 – 12:05 Panel discussion on *hydrogen blending* – Panellists include:

- Tommy Isaac, Head of Hydrogen Research, Progressive Energy Limited
- Tony Green, Hydrogen Director, Gas Transmission & Metering, National Grid
- Matthew Hindle, Head of Net Zero, Wales & West Utilities
- Another speaker tbc

- Vicky Robinson, Policy Delivery Manager, Hydrogen Economy, BEIS

## **Regional approaches to the hydrogen economy, chaired by Mark Bartholomew and Sushma Maharaj, Energy Partners at Shakespeare Martineau**

*This session will explore how regional differences mean the production of low carbon energy will vary across the UK and showcase of different projects across the UK*

12:00 -12:15 *Mapping tools and the importance of regional approaches to identify the best solutions at the local level* – presentation from Andrew Holyland, General Manager, Net Zero East & Hydrogen East – presentation

12:15 – 12:40 *Cumbrian's first hydrogen hub and decarbonising industries with hydrogen* – presentation from Eric Adams, Projects Director, Carlton Power Limited and Oriol Margó, Sustainability Transformation Leader for Kimberly-Clark in Europe, Middle East and Africa (EMEA) (second speaker invited) – joint presentation

12:40 – 12:55 *Hydrogen conversion and heat village trial*, Angela Needle, Director of Strategy, Cadent

12:55 – 13:10 *Establish an 'at scale' hydrogen economy in the Humber* - Ian Livingston, Project Manager, Equinor - presentation

13:10 – 13:20 Q&A

### **Lunch – 13:20– 14:20**

## **System benefits of hydrogen – chaired by Vivienne Geard | Assistant Director | Economic Advisory | Energy | Ernst & Young LLP**

*This session will be about the role of hydrogen to manage the volatility of the energy market, allow integration of renewables, enhance energy system flexibility, decarbonise power and manage inter-seasonality*

14:20 – 14:35 - *Experiences of optimising electrolyzers in the Nordics* – presentation from speaker from Centrica, name tbc

14:35 – 14:50 *Long duration, large scale energy storage and its role to manage excess - renewables and help balance supply with demand and reduce curtailment* – Dr Michael Wagner, Special Advisor – Hydrogen, Afry

14:50 – 15:05 *Case studies on reducing curtailment, demonstrating additionality, and turning projects viable* - Julius Baghdadi, CCO and co-founder, Octopus Hydrogen

15:05 – 15:25 *Building Energy Resilience and Security in the UK: Opportunities and Challenges of Geological Hydrogen Storage and Integration in Energy Networks* - Zeynep Kurban, Technical Director (EMEA), GHD

15:25 – 15:35 Q&A

**Buying hydrogen *today* and building end-user confidence in green claims for hydrogen – chaired by [name tbc]**

*This shorter session will explore the practicalities of buying hydrogen, commercial/contractual arrangements being developed to support purchase of hydrogen. It will also look at robust systems in place to support green claims (guarantees of origin) and the associated commercial opportunities.*

15:35 – 15:50 *Guarantees of Origin for Hydrogen*, Jesse Scharf, Director of Green Gas Certification Scheme – presentation

15:50 – 16:05 *Practicalities and commercial opportunities from buying hydrogen*, Jean-Pascal Boutin, Partner | Law | Energy | Ernst & Young LLP and Anas Papazachariou, Manager | Corporate Finance | Energy & Infrastructure | Ernst & Young LLP - presentation

16:05 – 16:15 Q&A

**Hydrogen for mobility – chaired by Simon Collier, Partner | Law | Energy | Ernst & Young LLP**

*This session will look at the Government policy and schemes to support hydrogen use in the mobility sector as well as the practicalities of developing, building and rolling out hydrogen refuelling stations in the UK. The panel will explore the state of art of hydrogen use in the mobility sector and what needs to happen to unlock its full potential.*

16:15 – 16:40 *Government support and rules for hydrogen in the transport sector* – presentation from DfT relevant person– exact name tbc – presentation

16:40 - 17:05 *Building refuelling stations in the UK – case studies, challenges and opportunities*, James Cross, Commercial Director, Motive – presentation

17:05 – 17:40 Panel discussion on *hydrogen mobility*– Panellists include:

- Speaker from DfT, name tbc
- Amanda Lyne, Managing Director, ULEMCo Ltd
- James Cross, Commercial Director, Motive
- Speaker from Ryze Hydrogen, name tbc – **invited**
- Speaker from vehicle manufacturer, tbc

17:45 – 17:50 *Event close*: Nina Skorupska CBE, REA's CEO / William Mezzullo, REA Green Gas Chair