



REA CONFERENCE: THE HYDROGEN ECONOMY

ON: MONDAY 28TH NOVEMBER 2022
AT: EY, FORUM ROOM, 1 MORE LONDON
RIVERSIDE, LONDON SE1 2AF

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AGENDA

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08:45 – 09:15	Refreshments and Registration		
09:15 – 09:25	Welcome and introductions		Nina Skorupska CBE, CEO, REA
09:25 – 09:35	Address from Minister		Graham Stuart MP, Minister for Climate, Department for Business, Energy and Industrial Strategy (invited)
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
Supporting the growth of hydrogen production			
Chaired by - William Mezzullo, REA Green Gas and Hydrogen Forum Chair and Head of Hydrogen, Centrica			
9:55 – 10:15	Government policy to support the hydrogen		Alison Conboy, BEIS, Deputy Director, Hydrogen
10:15 – 10:30	Positioning for growth in green hydrogen		Charles Purkess, Business Development Manager, ITM Power
10:30 – 10:45	Do we grow the UK hydrogen industry at a speed and scale that makes a difference?		Matthew Knight, Head of Market and Government Affairs, Siemens Energy
10:45– 10:55	Q&A		
What's next for hydrogen blending into the gas network			
Chaired by Vicky Robinson, Policy Delivery Manager, Hydrogen Economy, BEIS			
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.			
10:55 – 11:10	The full hydrogen heating landscape, from blending to conversion		Tommy Isaac, Head of Hydrogen Research, Progressive Energy Limited
11:10 – 11:25	Coffee Break		
11:25 – 12:05	Panel discussion on hydrogen blending		Tommy Isaac, Head of Hydrogen Research, Progressive Energy Limited Stuart Reid, Head of Customer Solutions, AMP Clean Energy Tony Green, Hydrogen Director, Gas Transmission & Metering, National Grid Matthew Hindle, Head of Net Zero, Wales & West Utilities William Mezzullo, Head of Hydrogen, Centrica
Regional approaches to the hydrogen economy			
Chaired by - Mark Bartholomew and Sushma Maharaj, Energy Partners, 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		Andrew Holyland, General Manager, Net Zero East & Hydrogen East
12:15 – 12:40	Cumbrian's first hydrogen hub and decarbonising industries with hydrogen		Eric Adams, Projects Director, Carlton Power Limited and Oriol Margó, Sustainability Transformation Leader, Kimberly-Clark Europe, Middle East and Africa (EMEA) (invited)
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
13:10 – 13:20	Q&A		
13:20 – 14:20	Lunch		

System benefits of hydrogen

Chaired by - Vivienne Geard, Assistant Director, 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	Mikkel Hesselbæk, Head of Flexible Services, Centrica
14:35 - 14:50	Long duration, large scale energy storage and its role to manage renewables and help balance supply with demand	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 Susannah Ferris - Hydrogen Market Strategy Lead, National Grid

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 - 15:55	Practicalities and commercial opportunities from buying hydrogen	Jean-Pascal Boutin, Partner and Anas Papazachariou, Manager, EY LLP
15:55 - 16:10	Guarantees of Origin for Hydrogen	Jesse Scharf, Director of Green Gas Certification Scheme
16:10 - 16:25	Q&A	

Hydrogen for mobility

Chaired by - Simon Collier, Partner, 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.

16:25 - 16:40	Government support and rules for hydrogen in the transport sector	Chloe Lianos, Deputy Head, Low Carbon Fuels, Strategy and Regulations, Department for Transport
16:40 - 16:55	Building refuelling stations in the UK - Case studies, challenges and opportunities	James Cross, Commercial Director, Motive
16:55 - 17:35	Panel discussion on hydrogen mobility	Amanda Lyne, Managing Director, ULEMCo Ltd James Cross, Commercial Director, Motive Harsh Pershad, Head of Hydrogen, Tevva Mike Whiteley, Head of Hydrogen, Department for Transport Graham Hodgson, Chairman & CTO, NanoSUN Limited
17:35 - 17:45	Event close from Dr Nina Skorupska CBE, REA's CEO and William Mezzullo, REA Green Gas and Hydrogen Forum Chair	

If you'd like more information about REA Hydrogen, please email membership@r-e-a.net

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