

ENABLING THE TRANSITION | 09.30-11.00

MONDAY

BIG CHALLENGES

How will we heat our homes in future? How do we convert the existing gas network infrastructure to carry low carbon alternatives? And how can we deliver these vectors where they are needed?

TUESDAY

BUSINESS ENVIRONMENT

The economic and regulatory environment required to decarbonise the UK's energy sector, including hydrogen deployment and carbon capture. Plus the opportunities for UK companies looking to go green.

WEDNESDAY

ASSURING PUBLIC BENEFIT

The role of government, the energy regulator and the Health & Safety Executive in enabling the UK's transition to a green energy sector – one that is safe and contributes to the future prosperity of the country.

THURSDAY

LEARNING FROM OTHERS

What can we learn from our colleagues in Europe and further afield who are also grappling with the challenge of how to reduce carbon emissions and ensure a sustainable future?

FRIDAY

CRITICAL ENGINEERING

An in-depth look at the engineering challenges associated with large scale production of hydrogen, its transportation and storage and how to get carbon capture and storage off the ground.

TRANSITION IN ACTION | 14.30-16.00

NET ZERO SCOTLAND

The first of four afternoon sessions focusing on low carbon/hydrogen projects across UK regions. This session will focus on Scotland and will showcase H100 Fife, SGN's Aberdeen Vision and the East Neuk Power to Hydrogen.

NET ZERO NORTH WEST

A look at low carbon/hydrogen projects in the North West: the Greater Manchester Decarbonisation Pathway, the role of large-scale hydrogen in meeting UK carbon targets, plus a look at Cadent's HyNet project.

**SIR DENIS ROOKE MEMORIAL LECTURE
18:30 - 20:00**

Chris Stark, CEO of the Committee on Climate Change, will deliver 'Molecules and Electrons - The Net Zero Conundrum', a lecture on the polarising debate around how to cut emissions and the role of heat decarbonisation in achieving net zero.

NET ZERO WALES

The Welsh Hydrogen Trade Association on the importance of driving the hydrogen economy in the region plus a look at Wales & West Utilities' Hybrid-Hydrogen project and National Grid's Zero2050 initiative.

NET ZERO NORTH EAST

Turning to the North East, we'll be showcasing H21 from Northern Gas Networks, reviewing the Net Zero Teesside carbon capture, utilisation and storage project, and looking at the Humber Industrial Decarbonisation Deployment project.

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MONDAY 21 SEPTEMBER

ENABLING THE TRANSITION - BIG CHALLENGES

09:30 - 11:00

Gas Goes Green

Chris Train

Green Gas Champion and former CEO of Cadent

Green Heat Roadmap

Claudia Jaksch

Chief Operating Officer and Head of Sustainability, Policy Connect

High Hopes for Hydrogen

Antony Green

Project Director for Hydrogen, National Grid Gas Transmission

TRANSITION IN ACTION - NET ZERO SCOTLAND

14:30 - 16:00

H100 Fife

SGN

Aberdeen Vision

Ian Phillips

Transition Energiser & Acorn Project Director, Pale Blue Dot Energy

East Neuk Power to Hydrogen

Dr Tom Houghton

Principal Consultant, E4tech

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TUESDAY 22 SEPTEMBER

ENABLING THE TRANSITION - BUSINESS ENVIRONMENT

09:30 - 11:00

The Hydrogen Opportunity for the UK

Molly Iliffe

Senior Consultant, Environmental Resources Management

Embracing CCS - Emerging Opportunities for the UK's Energy Economy

TBC

Policy Measures - An International Perspective

Katherine Jackson

Technical Director, Energy, WSP

TRANSITION IN ACTION - NET ZERO NORTH WEST

14:30 - 16:00

Greater Manchester Decarbonisation Pathway

Dr Angela Needle

Director of Strategy, Cadent

Autothermal Reforming for Hydrogen Production

Costain

HyNet

John Egan

North West Regional Lead, Progressive Energy

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WEDNESDAY 23 SEPTEMBER

ENABLING THE TRANSITION - ASSURING PUBLIC BENEFIT

09:30 - 11:00

Regulating for Net Zero

Jonathan Brearley, Chief Executive, Ofgem

Keynote address

Rt Hon Kwasi Kwarteng MP

Minister for Business, Energy and Clean Growth

Department for Business, Energy & Industrial Strategy

Enabling a Safe Net Zero Future

Dr Stuart Hawksworth

Head, Centre for Energy and Major Hazards, Health & Safety Executive

SIR DENIS ROOKE MEMORIAL LECTURE 2020

18:30 - 20:00

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CHRIS STARK

CHIEF EXECUTIVE OF THE COMMITTEE ON CLIMATE CHANGE

MOLECULES AND ELECTRONS: THE NET ZERO CONUNDRUM



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THURSDAY 24 SEPTEMBER

ENABLING THE TRANSITION - LEARNING FROM OTHERS

09:30 - 11:00

Rolling Out Hydrogen - An Australian Perspective

David Norman

Chief Executive Officer, Future Fuels CRC

Hydrogen: Global Overview and Opportunities for Hydrogen in the UK

Michael Copson

Hydrogen Commercial Manager, Shell New Energies

Keeping Europe Competitive

Dr Robert Judd

Secretary General, European Gas Research Group

TRANSITION IN ACTION - NET ZERO WALES

14:30 - 16:00

Driving a Welsh Hydrogen Economy

Guto Owen

Director of Ynni Glan and founder of the Wales Hydrogen Trade Association

Hybrid-Hydrogen (HyHy)

Oliver Lancaster

Future of Energy Project Manager, Wales & West Utilities

Zero2050 South Wales

Iliana Portugues

Head of Innovation, National Grid

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FRIDAY 25 SEPTEMBER

ENABLING THE TRANSITION - CRITICAL ENGINEERING

09:30 - 11:00

Large Scale Blue Hydrogen Initiatives

Steinar Eikaas

Vice President, Origination and Business Development, Low Carbon Solutions, Equinor

Producing Hydrogen at Scale

Sam French

Senior Business Development Manager, Johnson Matthey

Making it Real - Building a Hydrogen Economy in the UK

Matthew Knight

Head of Business Development, Siemens Energy

TRANSITION IN ACTION - NET ZERO NORTH EAST

14:30 - 16:00

H21 - Building the Safety Case for Hydrogen

Tim Harwood

Head of Programme Management, Northern Gas Networks

Net Zero Teesside

Colin McGill

Appraisal General Manager, North Sea & Azerbaijan, BP

Humber Industrial Decarbonisation Deployment

Dan Sadler

Low Carbon Solutions, Equinor

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