



**WEBINAR  
SERIES**

## ALL-ENERGY & DCARBONISE 2020 WEBINAR SERIES REVIEW



Organised by:

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# WEBINAR SERIES HIGHLIGHTS

## 26 Webinars and counting

### Countless insights on delivering net zero

We created the All-Energy and Dcarbonise webinar series with one thing in mind: supporting the renewable and low carbon energy community during a time of unprecedented challenge.

We launched the webinar series with four webinars on what would have been the original dates of the All-Energy & Dcarbonise 2020 event – the 13 and 14 May.

We rapidly found the level of support and participation was outstanding. Capitalising on that success, we now host monthly webinars on the hottest low carbon and renewables topics, including offshore and onshore wind, hydrogen, inclusive transition, community and local energy, solar energy and more. We ramped up the volume in November by holding the All-Energy & Dcarbonise Virtual Summit, which comprised eight webinars over three days, with stellar speakers including Rt Hon Nicolai Sturgeon MSP and Paul Wheelhouse MSP.

We have more webinars in the pipeline, so stay tuned!

26

webinars

15,650+

registrations

17,100+

live and on-demand views

130+

speakers

#### HIGH LEVEL PLENARY SESSIONS INCLUDING:

- **Rt Hon Nicola Sturgeon MSP** - First Minister of Scotland;
- **Paul Wheelhouse MSP** - The Scottish Government's Minister for Energy, Connectivity and the Islands;
- **Keith Anderson** - CEO, ScottishPower;
- **Julia The Baroness Brown of Cambridge** - DBE FREng FRS;
- **Chris Stark** - CEO of the Climate Change Committee;
- Many others from organisations such as **The Scottish Government; Natural Power; SP Energy Networks; Local Energy Scotland; Siemens Energy, and Shepherd and Wedderburn LLP.**

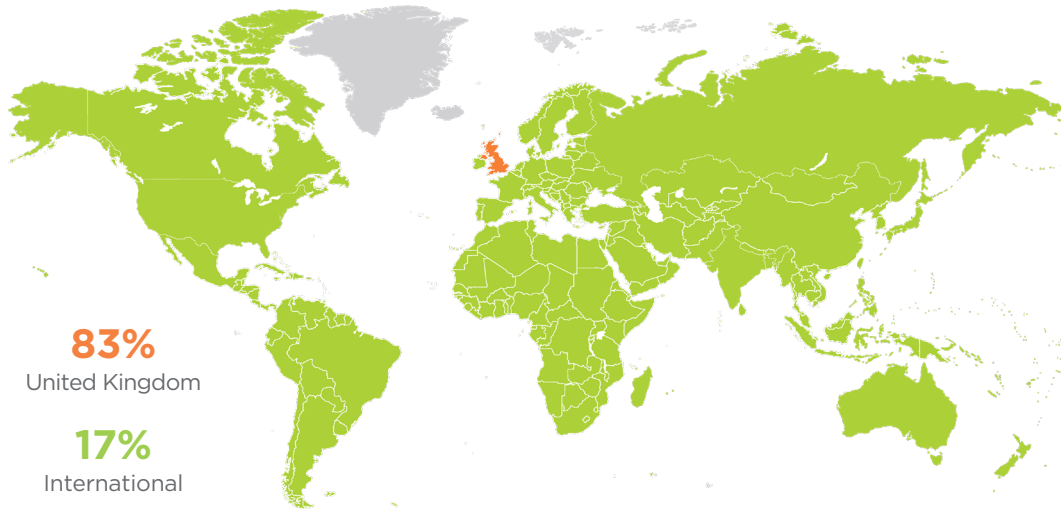
All-Energy & Dcarbonise Webinar Series Report, 2020

The future  
of energy.  
Now.

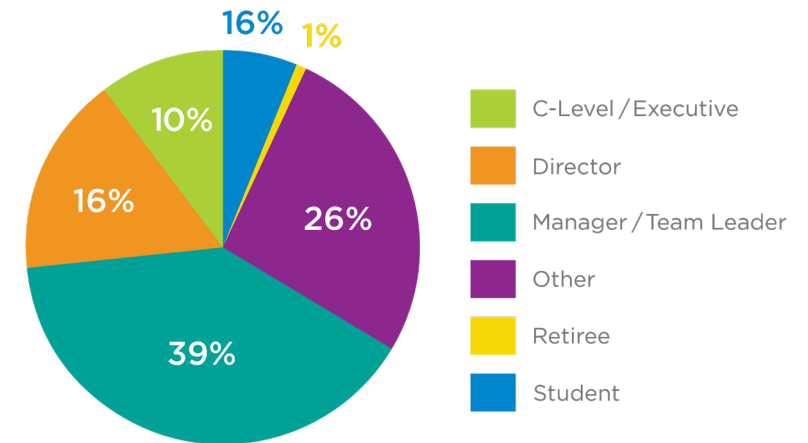
# OUR AUDIENCE

All-Energy & Dcarbonise Webinar Series Report, 2020

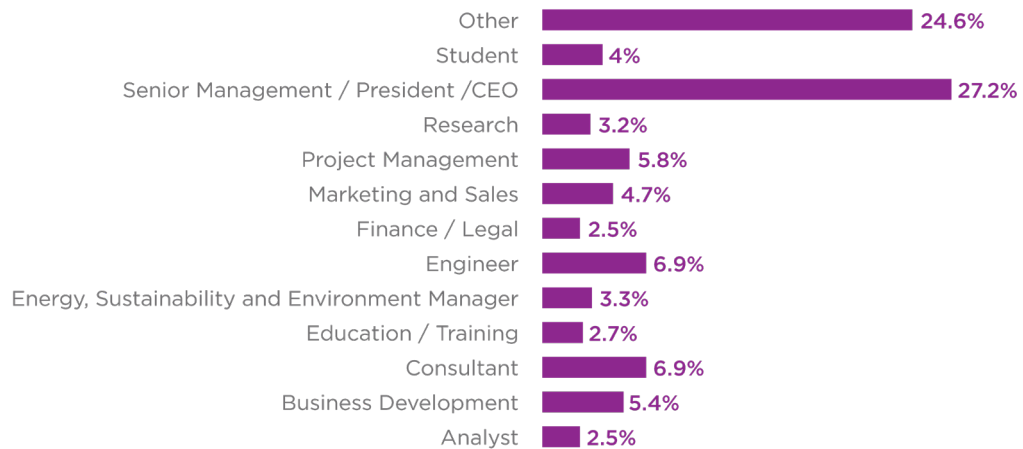
## AUDIENCE



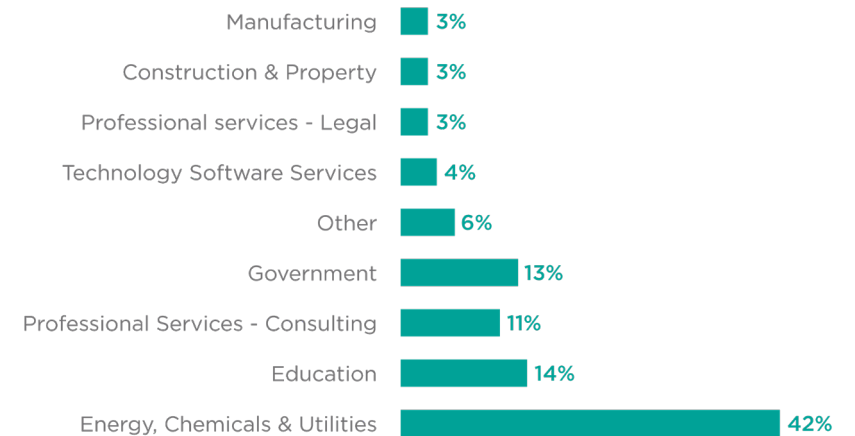
## SENIORITY LEVEL



## JOB TITLE



## INDUSTRY



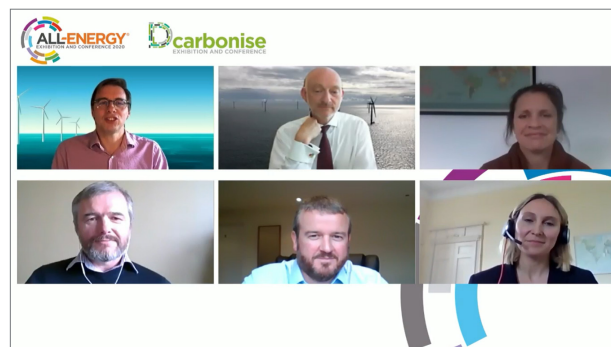


## THE PATH TO NET ZERO

How do we reach net zero? Industry luminaries provide their far-ranging views on this all-important topic.

### Speakers:

- Chair: **Keith Anderson**, CEO, ScottishPower
- **Chris Stark**, CEO, Climate Change Committee
- **Professor Karen Turner**, Director, Centre for Energy Policy, University of Strathclyde and a Just Transition Commissioner
- **Rebecca Willis**, Professor in Practice, Lancaster Environment Centre; Expert Lead for Climate Assembly UK



## OFFSHORE WIND - KEEPING OUR EYE ON THE LONG-TERM PRIZE

We bring together leading figures from across our industry to talk about the continued opportunity for offshore wind and reflect on what our changed environment means for our businesses.

### Speakers:

- Chair: **Maf Smith**, Director, Lumen Energy & Environment
- **Jonathan Cole**, Managing Director, Iberdrola Global Offshore Wind Business
- **Mary Thorogood**, Senior Specialist, Strategy, Business Development and Government Relations, MHI Vestas Offshore Wind
- **Benj Sykes**, Vice President, UK Offshore. Head of UK Market Development, Consenting & External Affairs, Ørsted and Industry Chair, OWIC
- **Christina Horspool**, Environment Division Manager, Xodus Group
- **Morris Bray**, Senior Business Development Manager, National Grid Ventures



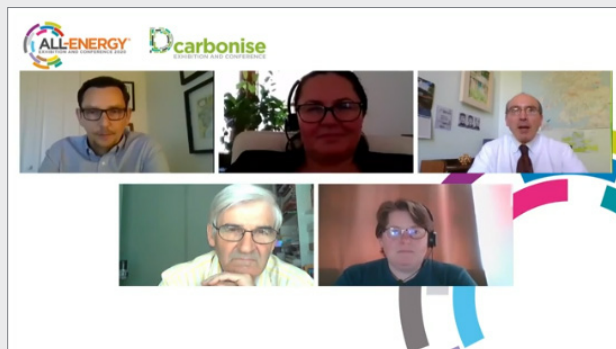
## LOW CARBON HEAT: ARE HEAT NETWORKS THE ANSWER?

Our panel of experts look at policy; low carbon heat and heat networks/district heating at home (UK-wide and Glasgow's Queens Quay Project in particular) and abroad.

### Speakers:

- Chair: **Dr Keith MacLean OBE**, Managing Director, Providence Policy
- **Gareth Fenney**, Head of Heat Strategy Unit, The Scottish Government
- **Nick Gosling**, Group Sales and Strategy Director, Vital Energi
- **Dave Pearson**, Director, Star Renewable Energy
- **Morten Jordt Duedahl**, Business Development Manager, Danish Board of District Heating (DBDH)

# OUR SESSIONS



## HYDROGEN: SCALING UP HYDROGEN & FUEL CELLS

Scotland has set a target for Net Zero by 2045, with hydrogen featuring in plans for rapid decarbonisation of heat, industry, and heavy duty transport. Find out how we get there.

### Speakers:

- Chair: **Nigel Holmes**, CEO, Scottish Hydrogen and Fuel Cell Association (SHFCA)
- **Mirela Atanasiu**, Head of Unit at Fuel Cells and Hydrogen Joint Undertaking (FCH-JU), European Commission
- **Nicolas Pocard**, Director Marketing, Ballard Power Systems
- **Dr Kerry-Ann Adamson**, Principal Consultant, Advisian
- **Mark Crowther**, Technical Director, Kiwa



## MEET THE MINISTER

Paul Wheelhouse MSP, Scottish Government Minister for Energy, Connectivity & the Islands, discusses the importance of a green recovery and our continued transition to a net-zero economy.

### Speakers:

- Chair: **Paul Wheelhouse MSP**, Minister for Energy, Connectivity and The Islands, The Scottish Government
- **Jim Smith**, Managing Director, SSE Renewables
- **Claire Mack**, CEO of Scottish Renewables

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## THE RESURGENCE OF ONSHORE WIND

Our panel explores the reasons behind onshore wind's resurgence and what role onshore wind can play in our green economic recovery.

### Speakers:

- Chair: **Lesley McNeil**, Head of Wind Energy Policy and Development, Energy Industries Division, Directorate for Energy and Climate Change, The Scottish Government
- **Lindsay McQuade**, Chief Executive, ScottishPower Renewables
- **Rachel Anderson**, Head of External Affairs, RES
- **Clare Foster**, Head of Clean Energy, Partner, Banking and Finance, Shepherd and Wedderburn LLP
- **Laura Fleming**, Head of Wind Farm Solutions North Europe and the Middle East, Siemens Gamesa





## SPEED AND SCALE

To deliver net zero by 2050, with expected growth, we must completely replace the world's energy system of today with something twice the size and greenhouse gas-free during the next 30 years. Find out how we do it in this session.

### Speakers:

- Chair: **Matthew Knight**, Head of Business Development, Gas and Power, Siemens Energy
- **Charlotte Owen**, Policy Manager, The Association for Decentralised Energy (ADE) and a member of District Heating Divas
- **Graeme Cooper**, Project Director, Transport Decarbonisation, National Grid
- **Dame Julia King**, The Baroness Brown of Cambridge, DBE FREng FRS



## COMMUNITY AND LOCAL ENERGY: A BEACON FOR 2030

Find out how to build a greener future – through communities, local authorities, housing associations, and small businesses.

### Speakers:

- Chair: **Jeremy Sainsbury OBE FRICS**, Director, Natural Power
- **Laura Campbell**, Partnership Manager, Local Energy Scotland
- **Jodie Giles**, Project Manager, Regen
- **Dr Afsheen Rashid MBE**, Founding Director, Chief Executive Officer, Repowering London
- **Scott Mathieson**, Network Planning and Regulation Director, SP Energy Networks
- **Andy Yuill**, Senior Renewable Heat Engineer, Natural Power

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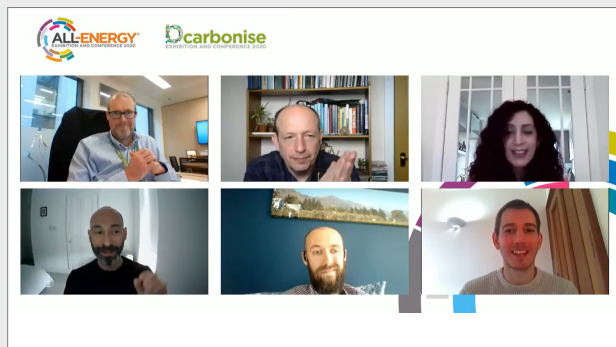


## FLOATING OFFSHORE WIND: BREAKING OUT INTO DEEPER WATERS AND NEW TERRITORIES

Our industry experts give an update on floating offshore wind, showcasing efforts to bring down the cost, standardise our delivery model, and grow out stable markets that support longer-term ambitions to go deeper.

### Speakers:

- Chair: **Maf Smith**, Director, Lumen Energy & Environment
- **Allan MacAskill**, Director, Kincardine Offshore Windfarm
- **Rhodri James**, Lead Business Developer, Equinor
- **Una Brosnan**, Business & Strategy Development Manager, Atkins and Friends of Floating Wind
- **Ralph Torr**, Programme Manager, Offshore Renewable Energy Catapult's Floating Offshore Wind Centre of Excellence Programme Manager

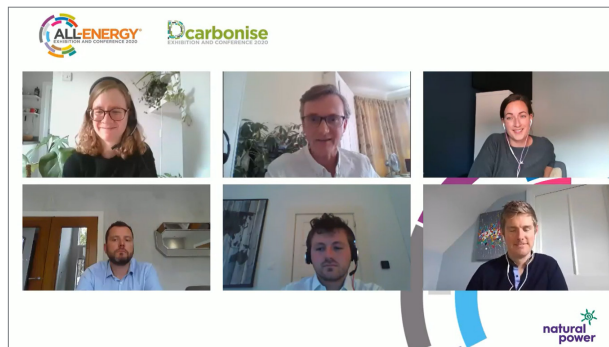


## KEEPING IT REAL: AN INCLUSIVE TRANSITION TO NET ZERO

How do we ensure that nobody is left behind in the transition to net zero? Find out what softer-skills, local advice and knowledge, and large-scale engagement is required for an inclusive net zero.

### Speakers:

- Chair: **Guy Jefferson**, Customer Service Director, SP Energy Networks
- **Jamie Macleod**, Team Leader, Consumer Policy and Interventions Team, The Scottish Government - The Scottish Government perspective
- **Guy Jefferson**, Customer Service Director, SPEN
- **Mark Hull**, Head of Innovation, Community Energy Scotland
- **Zarina Ahmad**, Climate Change & Environmentalist, CEMVO Scotland
- **Peter Dennis**, Renewable Energy Specialist, Ecotricity
- **Matthew Lipson**, Business Leader Consumer Insight Services, Energy Systems Catapult



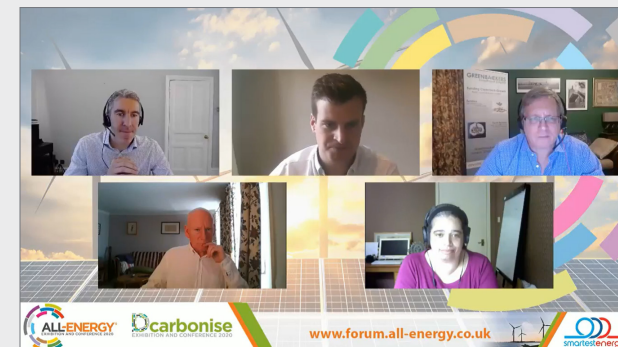
## 40GW SOLAR DEPLOYMENT BY 2030

Join our panellists to find out how we can unleash the power of solar, including floating solar and virtual power plants (VPPs), as part of a green recovery.

### Speakers:

- Chair: **Chris Hewett**, Chief Executive, Solar Trade Association
- **Chris Clark**, Director Emtec Group and Chair STA (Scotland)
- **Christelle Barnes**, Country Manager, UK, SolarEdge
- **Michael Moore**, Development Manager UK & Ireland, Elgin Energy
- **Michele Tagliapietra**, Energy Storage & Solar Energy Consultant at DNV GL
- **Hannah Staab** who leads Natural Power's European Advisory team

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## A FUTURE GENERATION MIX DOMINATED BY RENEWABLES: HOW WILL WE GET THERE?

Renewables are playing an ever more important role as we strive to meet net-zero targets by 2050. But how do we get to a future generation mix dominated by renewables?

### Speakers:

- Chair: **Angus Widdowson**, Head of Smart Generation Sales, SmartestEnergy
- **George Baxter**, Director of Development, GreenPower
- **Penelope Carruthers**, CEO & Founder, Carruthers Renewables
- **Robert Hokin**, Managing Partner, Greenbackers Investment Capital
- **Stuart Lunn**, Commercial Director, RES

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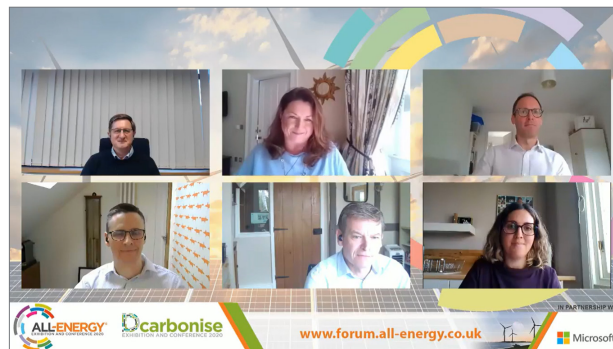


## FINANCE & FUNDING: ONCE IN A LIFETIME CHALLENGES

What has the impact of the pandemic been on angel & VC funding? How are corporate venture arms viewing the current economic climate and their own strategic budgets? Our speakers debate these topics and more.

### Speakers:

- Chair: **Andrew Smith**, Partner, GreenbackersTM Investment Capital
- **David Richardson**, Innovation Lead for Energy Systems, Innovate UK, part of UK Research and Innovation
- **Matthew Clayton**, Managing Director, Thrive Renewables
- **Veronica Noone**, Senior Manager, Scottish Enterprise's Low Carbon Transition Team
- **Louise Wilson**, Joint Managing Director (Projects), Abundance Investment
- **Fraser Pritchard**, Partner, Columbus Energy Partners



## SMART SUSTAINABLE CITIES – LEARNINGS FROM THE SHARING CITIES PROJECT

Microsoft introduces the Sharing Cities project and discusses key learnings from international collaboration between industries and cities, and details of the urban data platform solutions.

### Speakers:

- Chair: **Clare Foster**, Head of Clean Energy, Partner Banking and Finance, Shepherd and Wedderburn
- **James Lockyer**, Director, IoT and Mixed Reality, EMEA, Microsoft
- **Jason Warwick**, Director, Urban Integrated
- **Bill Wilson**, IoT & Smart Cities Technology Director, Kainos
- **Councillor Anna Richardson**, City Convener for Sustainability and Carbon Reduction, Glasgow City Council
- **Gary Bennett**, UK Managing Director, Schreder

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## BUSINESS CASE FOR SMART SUSTAINABLE CITIES SOLUTIONS – NO MORE PILOTS!

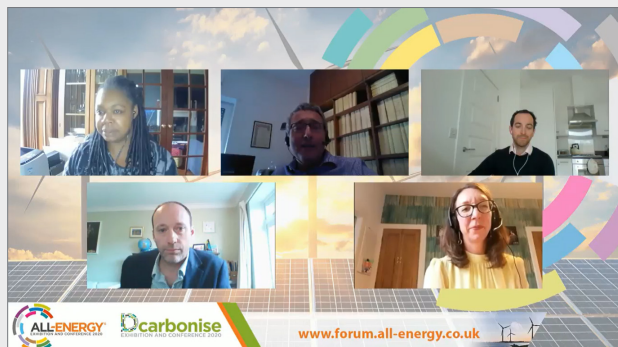
Our panel explores the business case for smart city projects, including central city data repositories, connected street lights, air quality, building energy management and parking.

### Speakers:

- Chair: **Clare Foster**, Head of Clean Energy, Partner Banking and Finance, Shepherd and Wedderburn
- **James Lockyer**, Director, IoT and Mixed Reality, EMEA, Microsoft
- **Jason Warwick**, Director, Urban Integrated
- **Gary Bennett**, UK Managing Director, Schreder
- **Giordano Ambrosi**, Marketing Manager, Intercomp Smart Parking Systems
- **Andrew Dyke**, Director of Intelligent Buildings, ICONICS

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## ENERGY INTEGRATION IN THE UK CONTINENTAL SHELF: HOW WILL THE BASIN EVOLVE?

Leveraging cross-sector energy solutions and offshore renewables has huge potential. How can this potential become a reality, and how can projects be accelerated? Find out in the session.

### Speakers:

- Chair: **Carlo Procaccini**, Head of Technology, Oil and Gas Authority
- **Bethan Vasey**, Upstream Energy Transition Manager, Shell UK
- **Myrtle Dawes**, Solution Centre Director, The Oil & Gas Technology Centre
- **Colin MacIver**, Offshore Wind Development Manager, Crown Estate Scotland
- **Will Apps**, Head of Energy Development, The Crown Estate



## CORPORATE PPAs: BROADENING THE DISCUSSION

Our panel, which has extensive experience of corporate PPAs, discuss the key elements of successful Corporate PPAs and the hurdles that need to be overcome.

### Speakers:

- Chair: **John Grady**, Partner, Shepherd and Wedderburn
- **Andy Peyman**, Export Structuring and Origination Manager, EDF Energy
- **Svanhild Vesterheim**, Senior Associate, Wiersholm, Norway.
- **James Brabben**, Wholesale Manager, Cornwall Insight
- **Ronan Lambe**, Legal Director Pinsent Masons with **Alex Ashby**, Head of Treasury Markets, Tesco



## GREENING THE BLUE ECONOMY: MARINE ENERGY

Hear from technology developers and Government on how we can secure support the growth of marine energy to help us reach Net Zero.

### Speakers:

- Chair: **Sue Barr**, Chair of UK Marine Energy Council, recipient of the SUT Lennard-Senior Award and OEE Vi Maris 2019.
- **Paul Wheelhouse MSP**, Minister for Energy Connectivity and the Islands, The Scottish Government
- **Ken Skates MS**, Minister for Economy and Transport and North Wales, The Welsh Government
- **Oliver Wragg**, Commercial Director, Orbital Marine Power
- **Craig Frew**, Leader Low Carbon Innovation Team, Scottish Government
- **Helen Donovan**, Industrial Transformation Division, Welsh Government
- **Graham Foster**, CTO, Marine Power Systems
- **Sam Leighton**, Managing Director, Bombora Wave Power



## THE GREEN RECOVERY

Our speakers, who between them represent government; a major utility; the jobs market – and skills; engineers; the energy economy; and a major city, discuss how they see the Green Recovery taking place.

### Speakers:

- Chair: **Keith Anderson**, CEO, ScottishPower
- **Rt Hon Nicola Sturgeon MSP**, First Minister of Scotland
- **Tracy Black**, Director, CBI Scotland
- **Professor Sir Jim McDonald FRSE FREng FInstP FIET**, Vice-Chancellor, University of Strathclyde
- **Angus McCrone**, Chief Editor, BloombergNEF
- **Councillor Susan Aitken**, The Leader, Glasgow City Council

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## SPEED AND SCALE - THE RACE FOR HYDROGEN

How do countries win the race to deliver hydrogen and jobs at scale? Our panel discusses the manufacture of hydrogen, the offshore wind sector's aspirations, onshore wind, transport, and more.

### Speakers:

- Chair: **Matthew Knight**, Head of Business Development, Siemens Energy
- **Rita Wadey**, Deputy Director - Hydrogen Economy, Department for Business, Energy and Industrial Strategy (BEIS)
- **Benj Sykes**, Industry Chair, Offshore Wind Industry Council (OWIC) and VP, UK Offshore Ørsted
- **Barry Carruthers**, Director of Hydrogen, and Head of Innovation, Sustainability and Quality, ScottishPower
- **Clare Jackson**, Senior Consultant, Ecuity & Programme Manager, Hydrogen Hub

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## THE PATH TO NET ZERO AND COP26

How are we charting the path to net zero? With a year to go, what are our hopes and aspirations for next November's UN climate summit in Glasgow (COP26)?

### Speakers:

- Chair: **Keith Anderson**, CEO, ScottishPower and a member of the COP26 Business Leaders Group
- **Chris Stark**, CEO, Climate Change Committee
- **Professor Rebecca Willis**, Professor in Practice, Lancaster Environment Centre; Expert Lead for Climate Assembly UK, the national citizens' assembly on climate change
- **Mike Barry**, Sustainable changemaker and Former Director of Sustainable Business, Marks & Spencer

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## UKRI'S ROAD TO NET ZERO: INVESTING FOR IMPACT

The session explores available funding and emerging results from the Industrial Strategy Challenge Fund (ISCF), showcasing successful ideas and applicants from previous funding rounds.

### Speakers:

- Chair: **Ian Meikle**, Director, Clean Growth, Innovate UK
- **Bryony Livesey**, Challenge Director, Industrial Decarbonisation, UKRI
- **Bruce Adderley**, Challenge Director, Transforming Foundation Industries, UKRI
- **Rob Saunders**, Challenge Director, Prospering from the Energy Revolution, UKRI
- **Jacqui Murray**, Deputy Challenge Director, Faraday Battery Challenge, UKRI
- **Mike Pitts**, Deputy Challenge Director, Transforming Construction, UKRI

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## THE CLIMATE EMERGENCY AND PLANNING: HAVE WE GOT THE BALANCE RIGHT?

Is Scotland dealing with planning policy radically enough to match the urgency of the climate emergency? Our panel explores this and more.

### Speakers:

- Chair: **George Baxter**, Director of Development, GreenPower (International) Ltd
- **Heather Donald**, Head of Project Consents, SSE Renewables
- **Jennifer Ballantyne**, Partner, Pinsent Masons and Board Member of Scottish Renewables
- **Jennifer Skrynka**, Managing Director, ASH design + assessment Ltd
- **Coll McCail**, Young Advisor For Children in Scotland
- **Robbie Kernahan**, Director of Sustainable Growth, NatureScot

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## MEET THE MINISTER: AN UPDATE ON ENERGY EFFICIENT SCOTLAND

Heating our buildings is responsible for a significant proportion of Scotland's emissions. Hear from Paul Wheelhouse MSP and our panellists as they explore the benefits of increased energy efficiency and use of low carbon heat.

### Speakers:

- Chair: **Ragne Low**, Head of Heat Planning and Delivery, The Scottish Government
- **Paul Wheelhouse MSP**, Minister for Energy, Connectivity and the Islands, The Scottish Government
- **Andrew Wholley**, Non-Domestic Energy Efficiency Framework and Project Support Unit, Mott MacDonald
- **Fiona Boyd MEI**, Sustainability Officer, The Highland Council
- **Kathryn Dapre**, Head of Energy and Sustainability, NHS National Services Scotland

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## ENERGY EFFICIENT SCOTLAND: SOLUTIONS & THE FUTURE

Our expert panellists look at solutions such as the Low Carbon Infrastructure Transition Programme (LCITP); and at deliverables from Warmer Homes Scotland; the Energy Saving Trust and Zero Waste Scotland. All share invaluable 'lessons learned' and success stories

### Speakers:

- Chair: **Suzanne LeMiere**, Head of Heat Policy, Heat Strategy Unit, Consumers and Low Carbon, The Scottish Government
- **Carole Stewart**, Team Leader for Low Carbon Infrastructure, The Scottish Government
- **Ross Armstrong**, Managing Director, Warmworks - Warmer Homes Scotland
- **Mark McArthur**, ECO Support Manager, Energy Saving Trust
- **David Gunn**, Business Support Programme Manager, Zero Waste Scotland

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## NEXT STEPS IN TRANSPORT: DECARBONISING MOBILITY AND REDUCING AIR POLLUTION

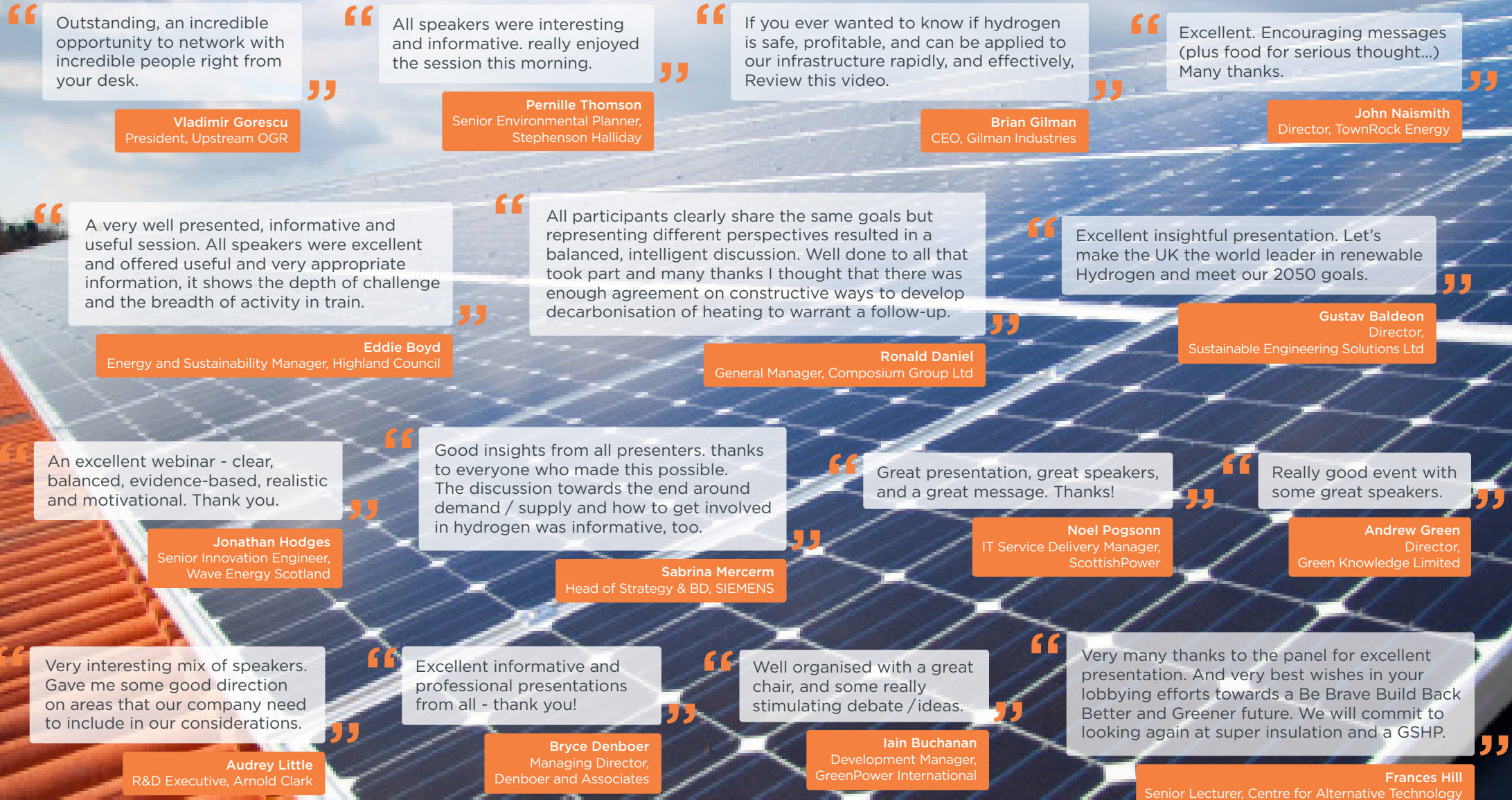
This webinar has three key pillars: transport strategy; preparing the economy for a low carbon future; and air quality. Half a dozen experts from government and industry share their knowledge, experience, and key takeaways.

### Speakers:

- Chair: **Benjamin Foulser**, Director, KPMG LLP
- **Jennifer McVey**, Head of Transport Strategy, Transport Scotland, Scottish Government
- **Mark Urbanowski**, Innovation Lead for the Driving the Electric Revolution Challenge, UKRI
- **Richard Kemp-Harper**, Arcola Energy
- **Vincent McNally**, Air Quality and Environment Manager, Transport Scotland
- **Andrew Malby**, Senior Scientist, Scottish Environment Protection Agency (SEPA)
- **Heather Cowan**, Head of Transport Strategy and European Funding, Transport Scotland



# CONTINUING TO DELIVER VISITOR SATISFACTION



# VISIT THE ALL-ENERGY FORUM

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renewable  
and low  
carbon energy  
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the UK's renewable and low  
carbon energy community



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# Thank you for attending our webinars!

## Stay tuned, we have more planned

With **All-Energy & Dcarbonise** now taking place, **Wednesday 18 and Thursday 19 August 2021 at the Scottish Event Campus (SEC)**, we will continue to provide topical and insightful virtual engagement during the run-up to the show.

We thank all of our speakers and sponsors, and our wonderful audience members for their participation and enthusiasm for all things renewable and low carbon energy!

Let us know what topics you would like to see our experts unpack next.



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