

RENEWABLE FUTURES & GREEN ENERGY AWARDS

The NetZero Summit

27 November 2019, Assembly Rooms, Bath

We are finally seeing an awakening to the climate emergency and the urgent need for action. The coming decade will be decisive in whether we can transform our economy and our energy system fast enough to make a difference. This transformation will create enormous opportunities across the economy. It will also destroy value where incumbents don't react fast enough.

We have the technologies, expertise and innovation. We have investors ready to deploy capital at speed and scale. Increasingly we have public recognition of the need for radical changes. However, we are moving much too slowly. Deployment of onshore wind, solar and storage is largely stalled. Lack of investment in coherent charging infrastructure is a barrier to shifting to electric vehicles. Addressing heat and the built environment remains stuck in the 'too difficult' box.

Renewable Futures Net-Zero Summit 2019 brings together leading innovators, investors and policy makers to debate how we overcome these barriers and turn net zero policy commitments into the scale and urgency of action needed. How can we ensure climate emergency declarations lead to public private partnerships to deliver at scale? How do we ensure our critical infrastructure, the pipes and wires, is transformed into an enabler for radical decarbonisation? And what will unlock the capital needed to pay for the transformation?

9.00 Registration, exhibition and networking

9.30 Chair's introduction

Merlin Hyman, chief executive officer, Regen

9.35 Rt Hon. Wera Hobhouse, shadow cabinet member for climate emergency, environment and food, transport and candidate for Bath, Liberal Democrats

10.05 How can we transform our energy system fast enough to deliver zero carbon?

Our legally binding zero carbon commitment has changed the level of ambition - but progress is still too slow, and the incumbent fossil fuel system remains resilient. This session will ask what the net zero delivery plan should look like; what the key factors now shaping the market are and what should the pioneering companies in the sector focus on right now?

Mark Meldrum, director, energy platform, SYSTEMIQ

Kevin Dibble, chief operations officer, business energy and services, Engie

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10.35 Investing in a zero-carbon energy market, what are we waiting for?

Investors have talked of a 'wall of money' ready to invest in the right solar, storage and EV charging projects. This session will examine whether investors are now comfortable with merchant risk, what is the risk profile and IRR that would unlock investment and how we can scale up to the level of investment reaching zero carbon requires.

Angus McCrone, chief editor, Bloomberg New Energy Finance

Massimo Resta, partner, Zouk

Ben Irons, co-founder, Habitat Energy

Monika Paplaczyk, investment manager, Thrive Renewables

11.20 Break and business networking

11.50 CEO interview: Jo-Jo Hubbard, co-founder and chief executive officer, Electron

Can distributed digital technology underpin the energy transition?

12.10 Climate emergencies: rhetoric or game changer?

Declarations by councils and regions of a climate emergency have been one of the most striking features of 2019. Local government has a responsibility for planning policy, land and resources and access to investment, making them uniquely placed to enable projects. This session will examine what action the climate emergency rhetoric will lead to.

Leonie Cooper, chair of the London Assembly Economy Committee and assembly member for Merton and Wandsworth, Labour and Co-operative Party

Cheryl Hiles, director of energy capital, West Midlands Combined Authority

David White, head of energy services, Bristol City Council

Hazel Williams, head of delivery, Regen

13.00 Lunch and networking

14.15 CEO interview: Keith Anderson, chief executive officer, Scottish Power

How can businesses lead the zero carbon journey?

14.50 Energy systems for the future:

Our energy infrastructure - the pipes and wires – is critical infrastructure for a zero-carbon future. As Ofgem and the networks gear up for a critical price control, this session will examine how we can ensure the energy system supports the scale of change we need?

Johnny Gowdy, director, Regen

Bethan Winter, system operations manager, Wales and West Utilities

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Colm Murphy, head of electricity market change delivery, National Grid ESO

Steve Atkins, DSO transition manager, Scottish and Southern Electricity Networks

15.45 Electric vehicles and the energy system:

Millions of electric cars and vans on our roads will be one of the most significant shifts in how we use energy to power society. How do we install smart charging infrastructure, make it easy for householders and ensure the network can cope?

Natalia Peralta Silverstone, strategic partnerships manager, Octopus Electric Vehicles

Conor Maher-McWilliams, head of flexibility, Kaluza

Richard Hartshorn, EV readiness manager, Scottish and Southern Electricity Networks

Helena Anderson, managing director, Ikigai Capital

Mike Potter, chief executive officer and founder, DriveElectric

16.30 Conference ends

18.30 Drinks reception followed by the Green Energy Awards hosted by Joe Sellman-Leava and with performance poetry by Matt Harvey