

LONDON 2019

POLICY CONFERENCE

Getting Serious About Net Zero: what must we do now?



Tuesday September 24th 2019
BEIS Conference Centre, 1 Victoria Street,
London SW1H 0ET

Sponsored by



Invitation to BIEE Energy Policy Conference

Getting Serious About Net Zero: what must we do now?

BEIS Conference Centre, 1 Victoria Street, London, SW1H 0ET
Tuesday September 24th 2019
09:45 – 17:00

Introduction

2018's IPCC special report on global warming of 1.5 degrees C has put the achievement of 'net zero' emissions at centre stage for energy and climate policy around the world. How - and how quickly - we can eliminate all (net) greenhouse gas emissions is now a key focus, driving more intense focus on radical innovation, technologies and policies. The Committee on Climate Change has published its [advice](#) on when and how the UK could achieve net zero emissions recommending that the country set an ambitious new target to reduce its greenhouse gas emissions to zero by 2050 and the UK government has now legislated to reach net zero by 2050.

However there remains a substantial gap between current plans and future requirements. The challenges for energy policy are formidable, putting hard to decarbonise sectors like heat and industry under the microscope. Thinking net zero implies a step change – a genuinely economy-wide approach with no room for a 'too difficult' set of emissions.

The BIEE's 'Getting Serious about Net Zero' policy [conference](#) will get to grips with the implications of net zero for the UK, as well as the CCC's published advice. Leading figures from across government, industry, finance and academia will discuss the challenges for difficult to decarbonise sectors; the new policy drivers needed; the role of new technologies and innovation; and Britain's industrial strategy and global role.

The focus will be on what action needs to begin now to put the UK onto a credible trajectory towards net zero on a timescale that is consistent with a leading role for the UK in meeting the global challenge. The BIEE policy conference will offer an engaging mix of perspectives from great speakers, the chance to debate and challenge new thinking, and opportunities to network with a unique mix of policy makers, experts, financiers and energy industry leaders.

Committee

George Day, Head of Economic Strategy, Energy Systems Catapult
Adrian Gault, Chief Economist, Committee on Climate Change
Vivienne Geard, Head of Heat and Business Energy Analysis, BEIS
Mallika Ishwaran, Senior Policy and Regulatory Economist, Shell
Peter Stewart, Chief Energy Analyst, Interfax
Alec Waterhouse, Head of Modelling, BEIS

Further Information

Website www.biee.org
Email conference@biee.org
Twitter [@BIEE10](https://twitter.com/BIEE10)
LinkedIn [BIEE](#)

Getting Serious About Net Zero: what must we do now? Outline Programme

09:15	Registration and Coffee
09:45	Welcome and Introduction George Day, BIEE 2019 Chair
09:50	Keynote Address: ' <i>Net Zero: The Clean Economy Revolution</i> ' Julian Critchlow, DG Energy Transformation Group, Dept for BEIS
10:10	Session 1: Beyond power: Decarbonising heat, transport and industry Chair: Alex Kazaglis, Principal, Vivid Economics
10:10	' <i>Achieving Net-Zero: the view of the Committee on Climate Change</i> ' Chris Stark, Chief Executive, The Committee on Climate Change
10:30	' <i>Net zero levels of innovation (and how to tackle them)</i> ' Guy Newey, Strategy and Performance Director, Energy Systems Catapult
10:50	' <i>The role of molecules: reaching the parts that electrons cannot reach</i> ' Joanna Coleman, UK Energy Transition Manager, Shell
11:10	Q&A
11:25	Coffee
11:45	Session 2: Driving the energy transition: what are the carbon policy levers? Chair: Adrian Gault, Chief Assurance Officer, The Committee on Climate Change
11:45	Michael Grubb, Professor of Energy and Climate Change, UCL ISR
12:05	' <i>Policy Levers for Net Zero</i> ' Tim Lord, Director Clean Growth, Dept for BEIS
12:25	Sara Vaughan, Policy and Regulatory Affairs Director, E.ON
12:45	Q&A
13:05	BIEE Oxford 2020 Conference Announcement Chris Harris, Conference Chair
13:10	Lunch
14:10	Session 3: Low carbon energy technologies and the role of innovation Chair: Sam Hollister, Director of Economics, Energy UK
14:10	' <i>Challenges of running a government energy innovation programme</i> ' Mark Taylor, Deputy Director of Innovation, Dept for BEIS
14:25	Nicola McCheyne, Head of Ideas Lab, Centrica Innovation
14:40	' <i>The role of innovation in battery development and the uptake of EVs</i> ' Neil Morris, CEO, The Faraday Institution
14:55	Fiona Howarth, CEO, Octopus Electric Vehicles
15:10	Q&A
15:30	Tea
15:45	Session 4: Panel Debate: UK industrial policy and the global climate challenge Chaired panel discussion with panellists from industry, finance, policy and regulation Chair: Mallika Ishwaran, Senior Economist and Policy Advisor, Shell
	Andrea Griffin, Manager, Sustainable Finance, HSBC
	Rain Newton-Smith, Chief Economist, CBI
	Sonia Van Ballaert, Global Client Director, IBM Global Markets
	Will Webster, Energy Policy Manager, Oil and Gas UK
	Dr Charlie Wilson, Reader in Energy and Climate Change, UEA
17:00	Close