




Monday 13 September

ONLINE PARTICIPATION:

LIVESTREAMED SESSIONS

PRE-RECORDED PRESENTATIONS

LIVE SESSIONS ZOOM

9:45am	Conference Registration & Coffee					
10:30am	<p>AUDITORIUM</p> <p>Keynote Session</p> <p>Welcome Gareth Miller - CEO, Cornwall Insight</p> <p>Opening Keynote Address: <i>Energy for a Net Zero Society</i> The Rt Hon Anne-Marie Trevelyan MP - Minister of State (Minister for Energy, Clean Growth and Climate Change), Department of Business, Energy and Industrial Strategy</p> <p style="text-align: right;">CORNWALL INSIGHT CREATING CLARITY</p>					
11:15am	<p>Plenary Session</p> <p>Keeping warm and staying cool in a net zero society</p> <p>Jonathan Brearley - CEO, OFGEM Jenny Hill - Head of Buildings and International Action, Committee on Climate Change Dr James Richardson - Chief Economist, NIC</p>					
1:00pm	Lunch 					
2:00pm	<p>AUDITORIUM</p> <p>Paper Session</p> <p>Transitions in fuel. Technology and infrastructure for heating</p>	<p>NASH EAST</p> <p>Paper Session</p> <p>Human capital, competing interests and willingness to pay</p>	<p>NASH WEST</p> <p>Dialogue Session</p> <p>Delivering an inclusive green recovery for UK industry</p>	<p>MEMORIAL ROOM</p> <p>Paper Session</p> <p>Distributional impacts and behavioural change in energy efficiency</p>	<p>SEMINAR HINTON</p> <p>Dialogue Session</p> <p>Citizen participation: promoting or prohibiting a green recovery and just transition?</p>	<p>SEMINAR LE MAY</p> <p>Dialogue Session</p> <p>The UK Sixth Carbon budget – an outward-looking model for an NDC?</p>
	<p>Chair: Dr Tanja Groth</p> <p>2:00pm Options and costs of using hydrogen for heating Dr Paul Dodds, University College London</p> <p>2:30pm Net zero heating: identifying evolvable least-cost system architectures for the UK Dr Daniel Scamman, University College London</p> <p>3:00pm Technological phase-out experiences in the Energy Sector: Using historic and international analogues to inform "net zero" heat decarbonisation policymaking in the UK Dr Niall Kerr, University of Edinburgh</p>	<p>Chair: Dr Matthew Hannon</p> <p>2:00pm Balancing act: How to align social and environmental interests in the light of the pandemic and in the pursuit of net zero Sharon Darcy, Sustainability First</p> <p>2:30pm The human capital implications of net zero on the energy sector Rob Murphy, Energy & Utility Skills</p> <p>3:00pm Supporting smart metering innovation to drive energy savings for homes and small businesses Kelly Finerty, Department of Business, Energy and Industrial Strategy (BEIS)</p>	<p>Chair: Prof Peter Taylor</p> <p>Panel: Prof Peter Taylor, University of Leeds Imogen Rattle, University of Leeds Matthew Rhodes, Camirus Vivienne Geard, BEIS George Day, ESC Aaron Goater, Climate Change Committee (CCC) Erik Mielke, Wood Mackenzie</p>	<p>Chair: Jonathan Thurlwell</p> <p>2:00pm Conclusions from the DEePRED project – distributional impacts of flexible electricity tariffs Dr Timur Yunusov, University of Reading</p> <p>2:30pm Rebound effects erode half the energy savings from improved energy efficiency: Implications for the Net Zero transition Dr Paul Brockway, University of Leeds & Prof Steven Sorrell, University of Sussex</p> <p>3:00pm Using qualitative social science to investigate the desirability of decarbonisation pathways: evidence from the FLEXIS project Dr Chris Groves, Cardiff University</p>	<p>Chair: Dr Rebecca Ford</p> <p>Panel: Dr Rebecca Ford, University of Strathclyde Fraser Stewart, University of Strathclyde Aimee Ambrose, Sheffield Hallam University Stefanie Reher, University of Strathclyde Sam Gardner, Scottish Power Keith Bell, University of Strathclyde</p>	<p>Chair: Jenny Hill</p> <p>Panel: Jenny Hill, Head of Buildings and International Action, UK Climate Change Committee Emanuel Guerin, Executive Director for the International Group, European Climate Foundation Alex Kazaglis, Director, Vivid Economics Mike Thompson, Chief Economist, UK Climate Change Committee Lola Vallejo, Climate Programme Director, Institute for Sustainable Development and International Relations</p>
3:30pm	Refreshments					
4:00pm	<p>AUDITORIUM</p> <p>Paper Session</p> <p>National and international scale issues in decarbonisation</p>	<p>NASH EAST</p> <p>Paper Session</p> <p>Whole system and change considerations for Electric Mobility</p>	<p>NASH WEST</p> <p>Paper Session</p> <p>Transitions in energy</p>	<p>MEMORIAL ROOM</p> <p>Paper Session</p> <p>Local and community energy in transition</p>	<p>SEMINAR HINTON</p> <p>Dialogue Session</p> <p>The "Glide-Path" To Net Zero</p>	<p>SEMINAR LE MAY</p> <p>Dialogue Session</p> <p>Why innovation is vital to achieving net zero</p>
	<p>Chair: Prof Richard Green</p> <p></p> <p>4:00pm The role of interconnectors in decarbonising Great Britain's electricity system Dr Waqqas Bukhsh, University of Strathclyde</p> <p>4:30pm Understanding overlapping climate policies: Internal carbon leakage and the punctured waterbed Dr Robert Ritz, University of Cambridge</p> <p>5:00pm Delivering a smarter energy system: How interconnectors help deliver a cleaner, more secure and affordable energy system John Gressley & Tracy Walker, National Grid</p>	<p>Chair: Prof Robert Gross</p> <p>4:00pm Plug and play: The impact of plug-in frequency on the potential of vehicle to grid to support transport and electricity system decarbonisation Dr James Dixon, University of Strathclyde</p> <p>4:30pm Can the Market Alone deliver EV charge points? Claire Thornhill, Frontier Economics & Shira Lappin, UK Power Networks</p> <p>5:00pm Achieving a net-zero carbon railway Dr Nazmiye Ozkan, Cranfield University</p>	<p>Chair: Dr Abigail Martin</p> <p>4:00pm Comparative assessment of electrification and low carbon gases for decarbonising heating in buildings Pooya Hoseinpour, Imperial College London</p> <p>4:30pm The role of policy in creating opportunities for alternative futures in heat decarbonisation Prof Tim Foxon, University of Sussex</p> <p>5:00pm The role of hydrogen in meeting UK's net-zero target by 2050 Dr Felix Chow-Kambitsch, Aurora Energy Research</p>	<p>Chair: Janet Wood</p> <p>4:00pm Local Values & Business Models: a look at energy services Dr Ralitsa Hiteva, University of Sussex</p> <p>4:30pm Policies to unleash UK community energy finance Dr Matthew Hannon, University of Strathclyde</p> <p>5:00pm Exploring impact of social norms on adoption of local generation in an urban environment Dr Pallavi Roy, Ryerson University Canada</p>	<p>Chair: Prof Neil Strachan</p> <p>Panel: Prof Neil Strachan, University College London Alex Waterhouse, BEIS George Day, Energy System Catapult Rachel Freeman, University College London Emily Cox, Cardiff University</p>	<p>Chair: Ana Barbedo</p> <p></p> <p>Panel: Antonia Mattos, BEIS Pia Andres, London School of Economics Dr Eugenie Dugoua, London School of Economics Ana Barbedo, Vivid Economics</p>
5:30pm	Break (movement)					
5:40pm	<p>AUDITORIUM</p> <p>Student and Young Energy Professional Session</p> <p>Chairs: Prof Peter Taylor & Dr Imogen Rattle</p>					
	<p>Biofuels to deep decarbonisation: Brazil's puzzle and its consequences Danilo Perecin, Imperial College London</p> <p>Net Zero Transition in Great Britain: How to Make Peer-to-Peer Electricity Markets Work Timothy Capper, University of Manchester</p>	<p>Unpacking the governance of Greater Manchester's low-carbon energy transition Ami Crowther, University of Manchester</p> <p>A Just Transition for UK oil and gas workers?: Achieving re-employment after job loss Kirsty Denyer, University of Reading</p>	<p>Evidence-informed energy policy in the West Midlands Laurie Duncan, University of Birmingham</p> <p>Lessons for new business models for a net-zero transition: the case of solar energy companies in Kenya Velma Mukoro, University of Manchester</p>	<p>Analysis of supply chain emissions from Russian pipeline gas and LNG exports Irina Semykina, University College London</p> <p>The challenges of linking personal mobility with domestic energy Alexandra-Elena Vitel, University of Leeds</p>		
6:30pm	End of day one					






Tuesday 14 September

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7:45am	Conference Registration & Coffee				
8:00am	NASH SUITE, NASH BUILDING Diversity and Skills Breakfast Session Dr Maureen Paul - Interim Chief Economist, OFGEM Wen-Yu Weng - Senior Consultant, Clean Energy & Energy Transition, FTI Mark Andrew - Technical Lead, Amber Infrastructure Helena Anderson - Co-Founder and COO, Ikiga 				
9:10am	AUDITORIUM Keynote Session Welcome Anna Moss - Head of Consumer Markets, Cornwall Insight Keynote Address: Energy for a Net Zero Society Laura Sandys CBE - CEO, Challenging Ideas 				
9:35am	Plenary Session Mobility in a net zero society Chair: Spencer Dale - Group Chief Economist, BP plc Richard Bruce - Director of Energy, Technology and Innovation, Department for Transport Prof Jillian Anable - Chair in Transport and Energy, ITS, University of Leeds Fiona Howarth - CEO, Octopus Electric Vehicles 				
11:00am	Refreshments				
11:30am	AUDITORIUM Paper Session Public investment, innovation and industrial strategy	NASH EAST Paper Session Energy market developments – sandboxes, system operators and blockchain Chair: Dr Maureen Paul 11:30am Regulatory sandboxes in the energy sector: are they key to the transition to a net zero future? Alexandra Schneiders, University College London 12:00pm What do regional energy systems operators look like in a net zero world? Matthew Rhodes, Camirus Ltd 12:30pm Blockchain Based Energy Trading: Regulatory Changes Proposed and Needed to Facilitate Blockchain in the GB Energy Market Aditi Tulpule, ELEXON	NASH WEST Paper Session Social factors – the visual landscape and socio-economic disparities Chair: Prof Peter Taylor 11:30am Exploring the implications of landscape visual impact of renewable technologies for future low carbon energy systems in Great Britain Prof Russell McKenna, University of Aberdeen 12:00pm Addressing the socio-economic disparities of net zero transition Dr Piera Patrizio, Imperial College London 12:30pm The impact of Digital Technologies on OECD Energy Demand Dr Shivani Taneja, University of Nottingham	MEMORIAL ROOM Paper Session The democratic process and scenario planning Chair: Dr Abigail Martin 11:30am Democracy and Electricity: Institutions, Industrial Representation and Technology Deployment Rates Dr Zeynep Clulow, University of Cambridge 12:00pm Energy for a Net Zero Society – Comments on Energy Policy Catalina Guillen Roza 12:30pm Regional energy futures as decision support in the transition to net zero emissions: North of Tyne case study Claire Copeland, University of Sussex	SEMINAR HINTON Dialogue Session Electric cars: prone to disruption by something else entirely? A dialogue session with: Roger Hunter , Vice President, Electric Mobility, Shell Claire Thornhill , Frontier Economics Gwyn Ephraim , Arup
1:00pm	Lunch				
2:00pm	AUDITORIUM Plenary Session Jobs prosperity and production in a net zero society Chair: Vivienne Geard - Deputy Director, Carbon Hydrogen & Industry Analysis, Dept for BEIS Chris Stark - CEO, The Committee on Climate Change Rebecca Sedler - Corporate Policy and Regulation Director, EDF Energy Filippo Gaddo - Director, Energy Economics and Regulation, Arup  				
3:30pm	AUDITORIUM BIEE AGM				
4:00pm	Refreshments and close				

