



BUROHAPPOLD
ENGINEERING



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ZERO WEST

- 10:00** Tea and coffee served on arrival
- 10:15** Welcome from Emilia Melville, Zero West
- 10:30** Keynote speech: Nikki Jones, energy researcher and journalist
- 11:00** Technical overview: Lara Balazs, BuroHappold Engineering
- 11:30** Break - Tea and Coffee served
- 11:50** **Introduction** to deep dive themes:

Alasdair Young:
BuroHappold Engineering
The future of energy networks

Kate Watson:
Centre for Sustainable Energy
Improving building fabric

Iain Summerfield:
Kiwa - Storage and innovation

Jason Fewell:
Wykes Farms - Land and biogas

Dave Tudgey:
Bristol Energy Network - Community engagement and fuel poverty

Samantha Nicol:
Bristol Energy Network - Business models including heat as a service

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- 12:30** Lunch
- 13:15** Workshop 1 - Exploring barriers and drivers to zero carbon heat
- 14:30** Break
- 14:45** Workshop 2 - Strategic action and next steps
- 15:30** Summing up and conclusion
- 16:00** Close



Emilia Melville

Emilia is one of the founders of Zero West, and is passionate about local and inclusive solutions to getting to zero carbon. She was previously a director of Bristol Energy Co-operative and was a sustainability consultant at BuroHappold Engineering. She has a doctorate in the role of communities and local government in sustainable energy transitions.



Lara Balazs

Lara is an Energy Engineer at BuroHappold Engineering, providing analytical input to projects supporting energy systems transformation and sustainable development. With a particular interest in the effective use of data to support the zero carbon transition, Lara works to develop sustainability and energy strategies from building to district scale and beyond.



Alasdair Young

Alasdair is a partner of BuroHappold and leads the Energy team. He is a specialist in energy and infrastructure systems. He has worked on projects from individual building scale, campus scale as well as city wide energy strategies and infrastructure projects. Alasdair is passionate about infrastructure systems which can enable sustainable and low carbon development.



Iain Summerfield

Iain is Head of Consultancy at Kiwa, an energy and environmental consultancy specialising in the measurement and reduction of the environmental impacts of energy use. He is an environmental chemical engineer with a broad experience in energy and environmental research and consultancy. He has over 40 years experience in energy research and consultancy.



Kate Watson

Kate has specialist knowledge of solid wall insulation, building physics and issues around quality installations, including in traditional buildings. Kate developed and delivered the Warm Up Bristol energy efficiency scheme for Bristol City Council, and was a founding director of Bristol Green Doors. She now manages the Futureproof home retrofit service at Centre for Sustainable Energy.



Dave Tudgey

Dave is a founder of the Bristol Energy Network and Easton Energy group, and supports project development with community energy groups throughout the city. Dave is also part of the No More Cold Homes steering group for the City of Bristol, and the Climate Change Advisory Committee for Bristol One City Plan.



Samantha Nicol

Samantha has over 15 years' experience bringing new propositions, growth strategies and pilot programmes to market in the energy sector. At Bristol Energy, Samantha is leading on exciting projects including: Heat as a Service, developing local energy system designs and other carbon reducing propositions. She holds a Bachelor of Commerce (Honours) from Queens University in Canada and an MBA with distinction from Oxford's Said Business School.



Jason Fewell

Jason has over 25 years of engineering experience and business expertise. This includes leading Wyke Farms' efforts to become the UK's first national cheddar brand that is 100% self-sufficient in green energy. Jason managed the design and commissioning of a £12 million biogas plant and £1.5 million water recovery plant, and energy efficiency schemes.



Nikki Jones

Nikki Jones MSc is an independent writer / researcher on energy. She campaigns and gives public talks to help the general public understand their energy consumption and their role in the climate change crisis we face.