

Eco Technology Show Talks for Public Sector Leaders

Smart Business Conference

The theme of this year's Conference is 'Innovation & sustainable growth for future cities and business', delegates at the Conference will be senior public sector & business leaders from across the UK.

09.30 – 09.35

Opening Conference

Jason Kitcat Leader **Brighton & Hove City Council**

09.35 – 09.45

Chairs welcome and introductions

Stephanie Draper Director of System Innovation
Forum for the Future & **Andrew Raingold** Executive
Director **Aldersgate Group**

Government perspective

Debate: The need for innovation & sustainable growth

The need for private sector innovation and rebalancing the economy to stimulate sustainable economic growth

Lord Rupert Redesdale & **Caroline Lucas** MP
Brighton Pavilion

10.15 – 10.30

The Technology Strategy Board's Future Cities Demonstrator and Catapult Programme

Discussing how UK cities are using the integration of city systems to drive innovation and growth to meet their future challenges, and the national Future Cities Catapult centre for developing integrated city systems to meet the future needs of the world's cities

David Altabev Future Cities Demonstrator Manager
Technology Strategy Board

Local Authority perspective - 'Future' cities & 'One Planet'

10.30 – 11.00

CASE STUDY GLASGOW CITY COUNCIL: The TSB's 'Future Cities Demonstrator.'

An insight into Glasgow's journey to winning the funding bid. Why Glasgow City Council wanted the Demonstrator project. What are the benefits to

Glasgow & to the UK and what are the applications & solutions likely to arise.

Pippa Gardner Project Manager for the Future Cities Demonstrator **Glasgow City Council**

11.00-11.30 Networking Break and Exhibition

11.30 – 11.50

CASE STUDY MILTON KEYNES COUNCIL: Smart city systems

Maximising city systems to support economic and housing growth whilst minimising the impact on the environment

Geoff Snelson Director of Strategy **Milton Keynes Council**

11.50 – 12.10

CASE STUDY PETERBOROUGH CITY COUNCIL: Environment capital UK?

Peterborough's ambition to be the UK's environment capital and the benefits of working with European 'cleantech' cluster networks

Steve Bowyer Head of Economic Development Opportunity Peterborough, **Peterborough City Council**

12.10-12.30

CASE STUDY BRIGHTON AND HOVE CITY COUNCIL: A One Planet City

The economic, social & environmental benefits expected from achieving One Planet City status and by investing in growing the environmental industries regionally

Geoff Raw Strategic Director of Place Brighton & Hove City Council

12.30 – 12.45 **Panel Q&A**

12.45 – 13.50 Networking Break and Exhibition

Corporate perspective - the 'net positives'

13.50 – 14.10

CASE STUDY KINGFISHER GROUP: NET POSITIVE PROGRAMME

Understanding the commercial & strategic benefits arising from their Net Positive programme. Net Positive is a new approach to doing business which goes further than minimising any negative impact; it aims to have a positive impact on the world.

James Walker Innovation Project Manager **Kingfisher Group**

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14.10 – 14.30

CASE STUDY BT: NET GOOD PROGRAMME

How BT will help customers reduce carbon emissions by at least three times the full carbon impact of BT's operations and the measurable benefits of embedding sustainability into business culture at all levels.

Andrew Campling General Manager, London at **BT Group**

14.30 – 14.50

CASE STUDY IKEA: PEOPLE & PLANET POSITIVE PROGRAMME

The People & Planet Positive strategy to transform their business to fulfill future customer needs, address the higher price of raw materials and energy, while driving down emissions and maintaining low-prices.

Joanna Yarrow Head of Sustainability **IKEA UK**

14.50 – 15.05 Panel Q&A

15.05 – 15.30 Networking Break and Exhibition

Entrepreneurs' perspective - export & high growth

15.30 – 15.50

CASE STUDY AMBIENTAL: Growth through export

The opportunity for flood risk modelling software, and business growth through export & trade missions

Dr. Justin Butler Managing Director **Ambiental**

15.50 – 16.10

CASE STUDY OXFORD PHOTOVOLTAICS: Rapid, high and sustainable growth

The experience of being a serial technology entrepreneur in start-up and high growth companies

Kevin Arthur Founder and Chief Executive Officer **Oxford Photovoltaics**

16.10 – 16.15 Closing thoughts

16.15 Close of Conference

Friday Exhibition Floor Talks

Seminar Area 1

09.15-09.45

Case Study University of Brighton: C change - cutting carbon at the University of Brighton

Appreciate how the University of Brighton is going about cutting carbon emissions by 50% in 5 years in one of the most ambitious programmes of a University in England and how their 'c-change' bespoke carbon reduction campaign, is designed to engage, inspire and support University staff and students to cut carbon.

Abigail Dombey, Environmental Manager, **University of Brighton**

14.30-15.15

Report Launch: Community Impact Assessment - Rushenden Retrofit

The Q&R retrofit project was facilitated by the Institute working with the South East of England Development Agency, Swale Borough Council, the Homes and Communities Agency and Amicus Housing Association and has been designed as a best practice demonstrator. Be first to find out the results from this impact assessment of

approximately 70 homes within a 270 home community retrofit scheme intended to deliver substantial carbon, energy and financial savings for communities in Queen borough and Rushenden, Kent.

Lisa Pasquale, Lali Virdee, and **Kavita Shial**, **Institute for Sustainability**

15.15-15.45

Case study West Sussex County Council: The Energy Company Obligation in practice

Hear how West Sussex County Council plans to work with British Gas to retrofit private residential and social housing as part of an ECO Partnership Agreement. WSCC is currently procuring a longer term Delivery Partner for a Sussex-wide Energy Saving Partnership with a target of 250,000 homes over 25 years in West Sussex alone, the first phase of which will include 18,000 properties over three years, at a total cost of up to £75 million.

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Tim Peters, Head of Commercial ECO South, **British Gas** & **Colin James** Head of Capital & Infrastructure **West Sussex County Council**

Seminar Area 2

10.00-10.30

Case study Brighton and Hove City Council & South Downs National Park: Renewable energy studies

Hear about the findings from the recent studies, what are the pros & cons of renewable options and where can they be installed?

Francesca Iliffe Sustainability Officer **Brighton & Hove City Council** and **Matthew Turner** Principle Engineer **AECOM**

11.30-12.00

Reducing hurdles to growth for community energy & low carbon projects

Be inspired by Carbon Leapfrog, a unique charity that connects carbon reduction projects with passionate professionals who are committed to combating climate change. Find out how supported projects are provided with high-value, *pro bono* advice to help overcome hurdles to their progress.

Clare Hierons Chief Executive Officer **Carbon Leapfrog**

12.15-12.45

Alternative financing for renewable energy

Find out about a new source of funding for renewable energy projects worldwide, by connecting businesses that are building solar parks and other forms of renewables with people who want to make a profit and a difference.

Bruce Davis Managing Director **Abundance Generation**

Seminar Area 3

09.15-09.45

Opportunity for generating energy from waste

In Germany alone there are 1000s of Anaerobic Digestion (AD) plants creating electricity and gas from waste, hear how in the UK we can make energy (and money) from farm & food waste!

Dr Kevin Monson, Principal Consultant (Anaerobic Digestion), **WYG Environment Ltd**

10.00-10.30

Waste is costly to both business and the public sector. Make real savings through sending less waste to landfill

Now that landfill tax has risen to a punitive £72 per tonne hear how business and the public sector can avoid sending waste to landfill by following the hierarchy of 'reduce, reuse, recycle'

Rachel Espinosa Director **re-consult**

11.45-12.15

Using smart technology & 'fun theory' to reduce waste

Find out how the University of Brighton has been using smart technology and 'fun theory' to reduce waste including the 'Bin It' project with Brighton & Hove City Council to reduce the tonnes of waste often left on the beach

Nick Gant Assistant Head of School, Economic and Social Engagement **University of Brighton**

13.00-13.45

International Panel Debate: Fair Trade Shipping

Come and hear from international experts on the opportunities for shipping fair trade produce from developing countries. By way of example Guillaume and Pierre will be coming by sailboat and bringing two pallets of sustainably produced vegetables from France!

Gavin Ovlertal, **Green Heart**; **Guillaume Legrand**, **TransOceanic Wind Transport**; **Pierre Johnson**, **Cohérence Rio + 20**; **Chair Christine Gent**, **Fair Trade Brighton and Hove**

13.45-14.15

The benefits of moving to a circular economy

Hear how by adopting the circular model of the natural world, where waste from one species provides food for another, businesses and society can become more resilient and prosperous.

Julie Hill, Chair, Circular Economy Task Force, **Green Alliance**

14.30-15.00

Microcab: innovative hydrogen & electric powertrain technology

Discover how the power capability of a Lithium-ion battery with the energy capability of a hydrogen fuel cell achieves excellent vehicle performance with ultra-low energy usage and zero emissions.

John Jostins, **University of Coventry**

15.45-16.15

The future of electric vehicles in the UK

Find out what the trends and future developments are in electric vehicles, how charging point roll-out will deal with 'range anxiety' and the features of Vauxhaul's Ampera.

Ian Allen Manager Environmental Strategy & Ampera **Vauxhaul**

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16.00-16.30

Case study EasitNETWORK: A partnership approach to adopting sustainable transport

Learn about easitNETWORK - a powerful partnership to support and encourage the most influential businesses in a local area to adopt alternative and sustainable transport behaviours. The benefits of getting involved include reducing pollution, easing congestion and increased staff satisfaction.

Mel Mehmet Chief Executive Officer **Easitnetwork**

16.30-16.50 Case study Bupa International taps into pedal power: Will we all be riding e-bikes in years to come?

Bupa International has joined forces with Brighton University to understand more about how commuters and communities engage with electrically assisted cycling. Ebikes are pedal bikes that store electrical power when moving – users can then switch on that power to help them cycle up hills. They offer a sustainable form of travel because the physical exercise can help people live longer, healthier lives, and as a green alternative to car travel it will contribute to reducing carbon consumption.

Harriet Barratt Dorling, Manager, Faculty of Arts,
University of Brighton and Jenna McCartney,
Intermediary Sales Advisor, **BUPA**