

Getting to **ZERO** CARBON

An event for local authorities on the challenges and solutions to achieve this goal.

Tuesday 7th May 2019
Hosted by

10.00am - 3pm
Reading Borough Council in the Mayor's Parlour
Civic Offices, Bridge St, Reading RG1 2LU

SPEAKERS

Ben Burfoot – Sustainability Manager, Reading Borough Council
Frank Gordon – Head of Policy, Renewable Energy Association (REA) - to be confirmed
Sheryl French – Project Director, Energy Investment Unit, Cambridgeshire County Council
Dr Richard Williams - University of Southampton
Mike Mousedal, Partner, Browne Jacobson LLP
Stephen Preece - Director, Arbnco
TBC - Carbon Co-Op, Manchester
Marc Wynn – Director, Asset Utilities Ltd
Mark Bramah – Managing Consultant, Municipia





THE EVENT

This is a FREE event for local authorities organised by Asset Utilities Ltd to understand :

- Challenges being faced by local authorities to reach net ZERO CO₂ emissions by 2030
- The role of local authorities in decarbonising the energy system
- What could get in the way of achieving our ambitions?
- Strategic and local interventions that can unlock system constraints
- Remunicipalisation of energy and how European cities are moving towards zero carbon
- Local authority ESCOs – their purpose, scope and role.
- Practical case studies of local action

CONTEXT

Over 30 councils have now declared a “climate emergency” following a landmark report by the IPCC on keeping Global Warming below 1.5°C. published in October 2018 and discussed at the COP24 conference held in Katowice, Poland in December 2018. The scientific consensus is that we need to reach “net zero” CO₂ emissions by 2050. But to be closer to a scenario of 1.5°C warming in order to avoid catastrophic climate change, it is projected that this target will need to be brought forward to 2035.

Some councils in England and Wales have set targets to be carbon neutral by 2030 at the latest.

THIS IS ONLY JUST OVER 10 YEARS AWAY!

Understanding the scale of the challenge facing local authorities is just the starting point and there are many obstacles that could prevent us achieving the ambition of net zero CO₂ emissions.

For instance, unless there are private wire or other onsite solutions, all energy projects require a grid connection. Most areas in the UK already have constraint issues on the electrical grid, which will be unable to accommodate the additional demand that will be required from future residential, commercial and electrification of transport projects.

This means both the public and private sector will experience excessively high grid offers, If projects unable to proceed then the zero-carbon agenda will be derailed.

THIS IS WHY ACTION AND FORWARD PLANNING IS REQUIRED TODAY.



EVENT AGENDA

10.00 Registration

10.30 a.m. Climate Emergency: Reaching zero carbon by 2030

– Ben Burfoot, Sustainability Manager, Reading Borough Council

- Why are local authorities declaring a climate emergency?
- What do we mean by zero carbon and how do we get there?

10.45 a.m. The regulatory and policy challenges facing local authorities and communities

– Frank Gordon, Head of Policy, Renewable Energy Association (REA) - TBC

- Industry update - What is the current position of the Government and the energy industry
- Where are we on existing targets? – Renewables, heat, electrification of transport
- Councils as delivery agents - How do we achieve a step change in delivery?

11.15 a.m BREAK for 15 minutes

11.30 a.m. The network is stressed and not facilitating growth as it should

– Sheryl French, Project Director, Energy Investment Unit, Cambridgeshire County Council & Marc Wynn, Director, Asset Utilities Ltd

- Greater Cambridgeshire tripling of capacity on the network by 2030
- Strategic interventions

12 p.m. Remunicipalisation of energy

– The role of local authorities in the energy transition. – Mark Bramah, Managing Consultant, Municipia

- What are cities and municipalities doing in Europe?
- What are the lessons for the U.K.?

12.30 p.m. Lunch for 30 minutes

1.00 p.m. Energy Services Companies (ESCOs): business models

– Mike Mousedal, Partner, Browne Jacobson LLP

- Different models for ESCOs.
- Structures and governance.
- Legal and procurement issues.

1.30 p.m. Solutions: What can we do to address the problem?

Case study examples (15 minutes each)

- Scaling up solar PV delivery – Dr. Richard Williams, University of Southampton
- Reducing energy in buildings – Stephen Preece - Arbnco
- Engaging with citizens and communities – Carbon Co-Op, Manchester TBC
- Complete a Network Acid Delivery Test – Marc Wynn, Asset Utilities

2.30 p.m. Next steps, questions and finish by 3 p.m.



BOOKING FORM

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I will/will not* be attending the Getting to Zero Carbon Event at Reading Borough Council on 7th May 2019

* delete as appropriate

Name.

Position.

Local Authority

Telephone

Email

PLEASE RETURN TO

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