



energy



APSE Energy Seminar

'Climate Emergency - data, housing and action'

28 January 2020

Council Chamber, The Corby Cube, George Street, Corby, Northants, NN17 1QG

9:30am registration for a **10:00am** start

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Content

APSE Energy is holding a series of events to look at the general topic of climate change and local authority climate emergency declarations alongside topics related to taking the agenda forward locally. Having held the first in Southampton followed by 'Warrington Day', the next event is in Corby on 28th January.

As the number of council's declaring a climate emergency increases, there is a greater demand for an understanding of how to move forward locally. This involves a great deal of work right across the authority with input from all services, many officers and councillors.

At this event we will be looking at the national and local perspective with input from Patrick Allcorn at BEIS as well as a case study of high quality housing at Corby. We will also be looking at how to understand and identify the authority's own carbon footprint and pointers about the wider area's footprint.

Whatever the nature of the declaration, it will be the projects and activities undertaken as part of the action plan that will result in carbon neutrality. As such it is vital to understand the actions that others across the sector are taking in order to address this issue. This event will include a strategic overview alongside case studies and projects including solar schemes, housing developments, electric vehicle charging, energy efficiency and more.

Housing remains an enormous problem for our communities. The case for building new homes to the highest standards is obvious but difficult to achieve. We will hear from the BRE about planning matters and the latest in construction trends before a site visit to a Corby Borough Council new build site where we can see how the Council have successfully approached the issues of building top quality homes.

Heat, especially domestic heat, is a significant problem nationally. We will hear how heat pumps have been installed to provide an alternative source and details of the technology, criteria for its use and costs will be presented.

There will be opportunities to discuss issues raised, ask questions of our speakers and contribute to the day by explaining the work done at your own local authority.

This event is **free** to attend for all [APSE Energy members](#). Officers and councillors from councils who are not members of APSE Energy are also welcome with charges set out below.

Agenda

- 9:30 am Registration and refreshments
- 10:00 am **Welcome** - Cllr Mark Pengelly, Lead Member for the Environment, Corby Borough Council
- 'Local authorities and a holistic view'**
- Government policy
 - Sustainability, energy, biodiversity, climate change...
- Speaker – Patrick Allcorn, Head of Local Energy BEIS **INVITED**
- 'Climate Emergency Declarations'**
- The story so far...
 - Theory and practice, words v actions
 - Managing your action plan
- Speaker – Phil Brennan, Head of APSE Energy
- 'Action, attainment and eco anxiety at Corby'**
- Turning national issues into local policy
 - A whole-council approach
 - Examples of developments at Corby
- Speaker – Sara Earl, Sustainability Officer, Corby Borough Council
- 11:10 am Break
- 11:30 am **Housing – The local context.**
Site visits to Wilby Close and Priors Hall Park. These 2 sites will show
- how the Council has employed modern methods of construction for council owned new build flats and
 - how it has worked to encourage private developers to employ higher environmental standards and deliver energy positive homes combining modern, open plan living with low or no energy bills and state of the art technology.
- Speaker – Nick Bolton, Electric Corby
- 1:00 pm Lunch
- 2:00 pm **Calculating a footprint**
- what is a carbon footprint?
 - Identifying your emissions
 - Responding to the results
- Speaker – Alan Barber, APSE Energy Associate
- 'An alternative heat source'**
- Heat – the hardest nut to crack
 - Why ground source?
 - Where and how do heat pumps and networks work best?
- Speaker – Ieman Barmaki, Director of Low Carbon Partnerships, Kensa
- 'Housing, planning and construction'**
- Delivering sustainable high quality homes
 - Improving standards – local authority responsibilities
 - Fabric, modern methods of construction, energy and more
- Speaker – Jon Gilbert, Policy Advisor BREEAM, BRE Group
- 3:30 pm Summary and Close