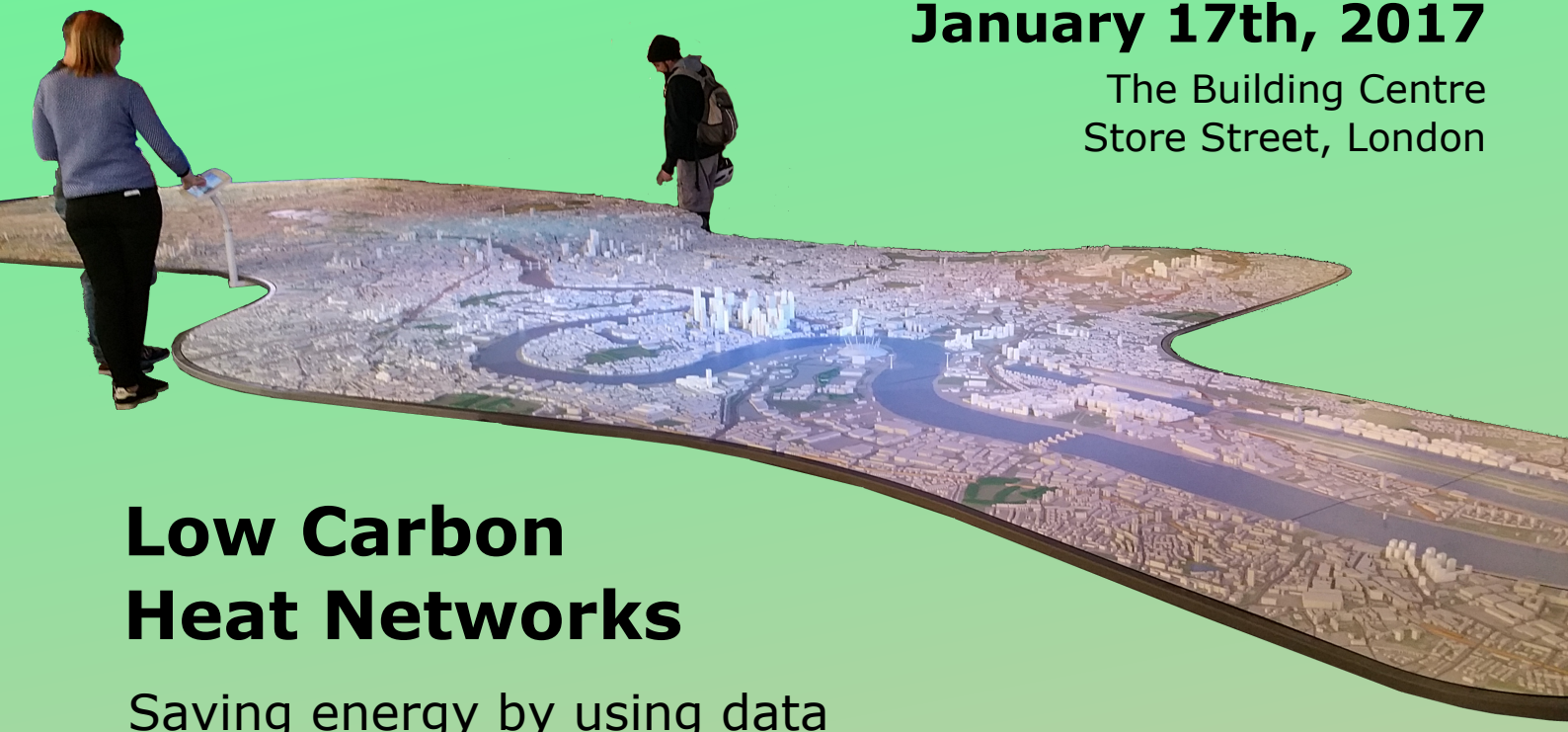
January 17th, 2017

The Building Centre
Store Street, London



Low Carbon Heat Networks

Saving energy by using data

We would like to invite you to our local authority open-day at the Building Centre in Store Street, London on Tuesday January 17th.

It is aimed at assisting local authorities in London to meet the zero carbon hot water requirements, but will be equally applicable to councils, or new-build elsewhere.

We place great emphasis on the results of the new UK test regime for HIUs which most well known manufacturers have already signed up for and have had products tested against. These long awaited standards give specifiers and local authorities the means to ensure that any equipment installed on their heat network has been independently tested in terms of both efficiency and performance levels to an agreed UK standard.

As the oldest HIU manufacturer in the UK, and with our DATA twin plate HIU holding the title of the most efficient system ever tested against the new standards, we would like to demonstrate the technology that is behind our results, as well as some of the other technologies on offer. This includes the latest in both direct and indirect connections, as well as storage and plant room based systems.

We would also like to demonstrate advances in the use of low cost electronics for monitoring. Having worked with The Energy Saving Trust to deliver an open-source monitoring system for the RHI, we are again well placed to show how simple it is to implement such technology to analyse heat network performance.

Finally, we wish to present the latest open-source online software tools available for everyone to analyse the efficiency of a heat network design. This is a thorough analysis tools that as well as performing pipesizing and heat loss calculations, takes data from independent tests and EST studies to generate a full seasonal efficiency analysis of a network. This tool arms designers with the means to determine where all the energy ends up, and allows one to experiment with system settings.

The following technology will be demonstrated/discussed:

- Use of latest open-source heat network analysis software
- The new UK industry standards and test regime for HIUs
- Designing for 85% network efficiency
  - Pipe sizing
  - Keep warm technology
  - Network temperatures
- CHP, Heat Pumps and Waste Heat on heat networks
- Contract free low cost monitoring and remote commissioning
- Advances in HIU technology
  - DHW only HIUs
  - Twin plate HIUs
  - Direct Heating HIUs
  - Standardised first fix brackets for all HIU types as per Dutch standards.
  - Legionella protection

The event is informal, and we will not be working to a timetable.
Drop in anytime between 10:00am and 4:30pm.

Please email **admin@heatweb.com** to confirm attendence.

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