

Low Carbon Heating Research Network

Heat extraction and Scottish Govt consultation



THE UNIVERSITY
of EDINBURGH

Classroom 7 in Hudson Beare Bldg in King's Buildings – Wednesday 8th March 14:00-16:00

with a snack and coffee from 13:30

The third Low Carbon Heating Research Network meeting aims to explore

Mine water heat extraction and the Scottish Government consultation on District Heating

The research network aims to combine the existing but separate research in low carbon heating across the university. The objectives are to build a research network in which the members combine their own specific expertise and ideas to identify opportunities and challenges for collaborative research. Furthermore, the University's large diverse estate and range of heating systems has great potential to serve as a "living laboratory" for collaborative research projects. Ultimately, it is envisaged that the network will foster connections and stimulate collaborative research projects and will be a focal point for low carbon heating research in Edinburgh for the period of this project and beyond.

At this meeting we will hear from Hugh Barron (British Geological Survey), Linda May (Centre for Ecology & Hydrology) and Simon Shackley (School of Geosciences) will talk about the mine water and surface water heat extraction project they submitted to NERC. This will focus on the particular opportunities in the central belt, especially greater Glasgow and Edinburgh, for heat extraction.

This is followed by a presentation from Dave Hawkey (School of Social and Political Science) about the Scottish Government consultation on *Heat & Energy Efficiency Strategies, and Regulation of District Heating*. Dave was seconded to Scottish Government to facilitate the Short Life Working Group whose work underpins the consultation. He is also in discussion with Scottish Government about running the required public consultation events during the week commencing 13 March, one of which will likely be in ECCI. He will give an update on the consultation and will facilitate the discussion about the knowledge & research needs coming out of the proposals and where we might be able to contribute? In particular, the consultation proposes setting up zones for different technologies which arguably need some multi-disciplinary system modelling underpinning it.

Agenda

1:30 Lunch

2:00 Mine and surface water heat extraction – Hugh Barron, Linda May and Simon Shackley

2:30 Scottish Government consultation – Dave Hawkey

3:00 Round table discussions

4:00 Close

We hope that you will be able to join us. If so, please reply to Daniel Friedrich (d.friedrich@ed.ac.uk)