

**Ground Source Heat Pump Association
Annual Conference & Exhibition
Monday, 22nd June 2009**

***Making Heat Pumps the Technology of Choice:
designing and implementing the policy framework to realise massive growth***

Speakers' Details:

1st Session: Massive Growth; the new policy perspectives

John Costyn – Assistant Director, Renewables Financial Incentives, DECC
Renewable Heat Incentive (RHI)

Details to follow



David Adams – Director, Zero Carbon Hub
Zero Carbon Homes

David Adams divides his time between Head of External Affairs for Knauf Insulation (UK) Ltd and a Director of the Zero Carbon Hub.

Following an early career within the automotive sector, David spent 10 years as Manufacturing Director of a large glass reinforcements plant and General Manager of Knauf Insulation's Polyfoam business.

After a short period at the government's Waste and Resources Action Program (WRAP), David returned to Knauf Insulation in 2006 and took up responsibility for external affairs, strategy and applications development with a specific focus on zero carbon new build and the energy efficiency upgrading of the existing housing stock.

Following a secondment to the Callcutt Review of Housebuilding Delivery, David spends half his time with the Zero Carbon Hub, which reports to the 2016 Task Force, and is tasked with working with government, councils and industry to galvanise action and overcome barriers to ensure Zero Carbon homes are a reality from 2016. His time is mainly focused on the Energy Efficiency and Energy Supply work-streams.

2nd session: The Built Environment: Ground Source on existing & new-build buildings



David Matthews – Chief Executive, GSHPA
The Retrofit Market: CESP, CERT & life before RHI

David Matthews, Chief Executive of the Ground Source Heat Pump Association is a Renewable Energy Engineer who trained in Swansea, Warwick and Zimbabwe. Before being appointed to his current position, he worked in the UK, Africa, Germany & Brussels and ran his own sustainable heating design installation, supply and consultancy business.

This foreign work experiences gives him a wider perspective on the renewable energy industry. His two main areas of interest are the building integration of low and zero carbon heating systems with the other building elements and also being part of the significant growth in the GSHP and other renewable heating technologies. He is currently involved in new product development and in new renewable heating training initiatives. His engineering knowledge is very useful for policy development issues as it provides a practical viewpoint on how the policy will function in the field.



David Cameron – Chief Technical Officer, Scottish Renewables
Scotland – a developed nation perspective

David Cameron is Chief Technical Officer at Scottish Renewables. David joined Scottish Renewables in July 2007 while studying an MSc in Renewable Energy at the University of Dundee. As well as overseeing technical aspects of Scottish Renewables work, David has specific responsibility for Heat and Distributed Generation.

David's interest in renewables was fired up by reading of the A'Chrannag development on Bute – a 7 storey social housing block which was designed to not require a heating system. This house uses passive heating and positive ventilation.



Michael Moggeridge – Contracts Manager, Magpie Environmental Drilling Services Ltd
Quality in the ground: The importance of good ground design and installation

Michael Moggeridge is the Contracts Manager for Magpie Drilling who is responsible for delivering enough drilling projects to keep the leading UK ground source energy drilling company busy. A geologist by trade who started his professional career in Environmental Engineering in Germany back in 1994, he moved onto precious metals exploration in Bolivia for Rio Tinto until returning to the UK to complete an M.Sc in Mineral Exploration. Following the down turn in the mining market back in 1999 he turned his hand to project management and contract administration of Design and Build Contracts for the leading waste management consultants SLR. Seeing the potential for the growth of ground source energy, he took up the opportunity of working with Magpie Drilling to develop and promote Magpie as the leading ground source energy drilling company in the UK.

3rd Session: Trading & Standards: The importance of maintaining quality in a growing market



John Pratt – Development Manager, SummitSkills
Heat Pump training and apprenticeships

John Pratt is a Development Manager with SummitSkills, the Sector Skills Council for building services engineering. His current duties include lead responsibility for SummitSkills' work relating to environmental technologies.

John has 31 years experience of the building services engineering sector; his career commenced with an indentured apprenticeship which was followed by 10 years running his own business. In 1992, John entered the education and training sector, initially as a lecturer progressing to hold a variety of management posts in the sector.

John joined SummitSkills in January 2008. He holds a first class BSc. honours degree from the University of Portsmouth and is a member of the Chartered Institute of Building.



Mike Gibson - CEng, MIET
Company certification: the growth of MCS

Mike is a professional engineer who has worked in the electricity supply industry for over 20 years. After training as a power station engineer, Mike moved into a more commercial role with Eastern Electricity negotiating with customers for power supply. Mike then moved into Eastern's Trading division where he was involved in several power generation projects including a proposed electricity inter-connector between Britain and Norway. Following the take-over by TXU, Mike led the Retail Division's work on price controls for energy supply, electricity distribution and gas transportation.

In 2004, Mike joined Gemserv and has been involved in delivery of services to clients including the Master Registration Agreement, the Gas Forum, the Association of Meter Operators and the electricity Meter Operation Code of Practice Agreement.

Since November 2008, Mike has been the Delivery Manager in charge of Gemserv's role as Licensee of the MCS.



Jaryn Bradford – Development Manager, Energy Saving Trust
Heat Pump Field Trials: progress so far

Jaryn Bradford joined the Energy Saving Trust in 2007 as Renewables Development Manager. Jaryn has led the development and management of high profile projects including the first UK-wide field trials of domestic small-wind, heat pumps, and solar thermal water heating. Jaryn also leads the delivery of microgeneration projects within the Trust's housing programmes, including a project to develop a SAP Appendix Q methodology for heat pumps. Jaryn actively works to expand the Energy Saving

Trust's profile in microgeneration amongst key stakeholders in the UK, and serves as a representative on industry and government microgeneration working groups.

Before joining the Energy Saving Trust, Jaryn worked as a project manager of environmental and renewable energy projects involving local authorities, planners, and developers. He is an Associate of the Institute of Environmental Management and Assessment (IEMA) and received his MA from the University of Leeds.

Jaryn has also published his own peer-reviewed research focussing on climate change and local authority policymaking