



Future Energy Essentials & Smart Cities: Managing the Dynamics of Supply & Demand

Wednesday 25th April @ ARUP HQ, 8 Fitzroy Street, London, W1T 4BJ

ARUP

EVENT SCHEDULE

8.45 *Registration & refreshments*

9.10 *Seating. Opening Remarks: Ian Gardner, Director, Arup*

Session One:

9.20 **Future insights into the demands of a smart, flexible energy system**

Martin Crouch, Senior Partner, **Ofgem**

10.00 **PANEL**

Energy as the driver of sustainability across cities: opportunities across the heat, power and fuel nexus

Filippo Gaddo, Head of Energy Economics, **Arup**

Transformations required to make smart cities a reality

Jarmo Eskelinen, Chief Information Technology Officer, **Future Cities Catapult**

Introduction to the Open Networks Project and the Electricity Network Innovation Strategy

Randolph Brazier, Head of Innovation and Development, **Energy Networks Association**

11.00 *Coffee Break*

11.30 *Session Two*

Decarbonising heat - overcoming the challenges posed by policy, technology and markets

Dr Paul Maryan, Managing Consultant - Energy & Climate Change - **Ricardo**

12.00 **PANEL**

Integrating vehicles into the energy supply system - challenge, benefits, opportunities

Rebecca Sweeney, Programme Manager Energy Storage & Distribution, **Energy Technologies Institute**

Hydrogen as an energy vector to match supply and demand

Clare Jackson, Manager, **Hydrogen Hub** and Consultant **Ecuity**

Managing the dynamics of UK smart grids - emerging insights from current applications

Paul Davis, Partner, Global Centre of Competency, **IBM**

13:00 *Summary and Close*