

Day 2 - Wednesday 16<sup>th</sup> February



# new energy economy

delivering our shared energy future

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## Day 2 - Wednesday 16th February 2011

### Registration and Refreshments

9:00 **Dr James Bellini**, Futurologist and former Sky and BBC presenter (Money Programme, Newsnight and Panorama) **Introduction and Chairman's opening remarks**

### Energy Visions, Smart Goods and New Opportunities to Connect with Consumers

**Richard Postance**  
Partner, Head of Smart Energy UK,  
**Ernst & Young** **The Smart Energy (R)evolution: The importance of Risk Management and Unlocking Customer Value**

**Dr Mike Patterson**, R&D Director, **PassivSystems** **Alternative approaches to achieve the smart home**  
· How today's activities create a path through smart metering and grid towards the smart home  
· Joining up devices, data and buildings to create the smart home  
· The diverse needs of differing property types in realising the smart home  
· Centralised approaches vs decentralised innovation – finding the balance

**Dr. Uwe Braun**, Senior Vice President Sales **Power Plus Communications** **Achieving consumer energy usage optimisation through interconnected devices**  
· Turning expanding energy complexity into simplicity through trust, automation and consumer control  
· Reflecting diversity and flexibility of information experience  
· Making data available through adaptive communications from sector to devices

**Amy Cooke**  
Strategic Business Development Director,  
**Cable & Wireless Worldwide** **Applications – making the smart grid smart**  
· Enabling consumer choice and utility efficiency through apps  
· The integration challenge  
· Data and Physical security of interconnected devices

**Jeremy Parker**  
Consulting Director Utilities,  
**Vertex** **The Generation "Y" Customer Revolution**  
· Are you ready for confident and tech savvy customers  
· Working with the networked consumer  
· Maximising an increasingly 'self serve' relationship

### 10:30 Refreshments and Networking

### Workshop Sessions - The conference now splits into four streams: Lunch - 12:45 Refreshments and Networking - 15:30

#### 11:00 **Workshop 1** - Hosted and facilitated by **Ulligroup** | **The growing role of incentives to drive the smart energy transformation**

*The workshop will consider the increasing role of incentive mechanisms as a way to realise government policy in energy around distributed energy, energy efficiency and innovation. A series of introductory speeches, panels and open discussion will explore experiences to date, implications for the future, responses by the energy sector, investors and consumers.*

- Energy incentives as government policy realisation mechanism
- Feed In Tariffs - Progress to date and into Phase 2
- Renewable Heat Incentive – the next wave and how it fits with FIT
- Carbon Reduction Commitment – from incentive into tax?
- The importance of carbon as a driver for business profitability and sustainability
- Green Bank – how might this be used to stimulate initiatives to deliver policy
- Network investment – the pivotal role of regulatory investment in delivering the smart grid

Presentations from : **Dave Sowden**, Chief Executive, Micropower Council - **Andrew Hillier**, Managing Director, Ice Energy Technologies - **Iain Robertson**, Business Development Manager for Scotland, SmartestEnergy - **Bill Wright**, Chairman, Retail Energy Forum - **Andrew Buglass**, Head of Energy, Structured Finance, Royal Bank of Scotland - **Steven Fawkes**, Partner/Head of New Energy & Power Research, Matrix Corporate Capital - **Mark Clayton**, Managing Director, Carbon Guerrilla - **Ashley Guise**, Managing Director, AVC energy- **Ursula Thorpe**, FIT Compliance Manager, OfGEM - **Paddy Thompson**, General manager Business Development, Ceramic Fuel Cells Ltd

#### **Workshop 2** - Hosted and facilitated by **Ernst & Young** | **Creating the right economic environment to enable smart**

*Be part of making change happen – this will be an interactive session. The workshop will investigate the roles that need to be played by government, utilities, corporate and consumers in order to create the right economic environment to enable efficient and effective development and delivery of a smart grid for the UK.*

Specialist speakers will help to set the scene and present data and information to enable an informed debate leading to real and practical solutions. Workshop attendees will then take part in a live polling session contributing to the vision of the new energy economy in the UK. The results from the session will be collated and shared with the workshop attendees with key findings being made available to engage and inform the market.

Starting with the grid, the workshop will investigate the issues and barriers that need to be overcome as the UK aims to make the right connections and unlock the optimum economic benefits in the value chain as we start to embrace smart meters, smart homes, microgeneration and electric vehicles. Some of the key topics for debate will include:

- How to create market pull, and who will ultimately drive this? Do we have the right market structure in place?
- Where are the disconnects?
- What's the future for regulation?
- How can we really leverage relationships with consumers?
- What are the risks? We hope that this workshop goes some way to helping to define the practical steps needed to create the right economic environment to enable smart

Presentations from : **Graham Smith**, Managing Director, Toyota Motors Europe - **Mike Wilks**, Principal Consultant, Pöyry Energy Consulting - **Sara Bell**, Head of Commercial Strategy, UK Power Networks - **Richard Postance**, Partner - Power & Utilities, Ernst & Young LLP

#### **Workshop 3** - Hosted and facilitated by **EAGA** | **Social Energy - A Green Deal for Everyone?**

*This workshop will focus on what the New Energy Economy has to offer vulnerable and socially disadvantaged consumers, what are the barriers to their full participation, what techniques will be needed to engage this type of consumer and what new opportunities will be created during these interactions.*

- Some of the key topics for discussion will include:
- The barriers facing the socially disadvantaged and vulnerable
  - Driving engagement in the new energy economy
  - Ensuring fairness for all
  - It's more than just loft insulation!"

Presentations from: **Jonathan Stearn**, Head of Sustainability and Disadvantage, Consumer Focus - **Derek Lickorish**, Chairman, Fuel Poverty Advisory Group - **Simon Green**, Head of Business Development, Energy Saving Trust - **Jenny Holland**, Head of Parliamentary Team, Association for Conservation of Energy (ACE) - **Ian Manders**, Deputy Director & Head of Development, Combined Heat & Power Association - **John Swinney**, Director, Eaga - **Olivia Powis**, Regional Manager, London and Environmental Sustainability at National Housing Federation (NHF) - **Clare Dudeney**, Senior Policy Advisor, UK Business Council for Sustainable Energy (UKBCSE)

#### **Workshop 4** - Hosted and facilitated by **Electralink** | **Evolution of Markets to deliver the new energy economy**

*This workshop will explore the changes that need to occur in the markets as data from smart meters becomes more prevalent.*

In the context of the governance codes and the central bodies that underpin market competition and the existing Supplier Hub principle, we will consider how the current distribution of data across multiple stakeholders presents both opportunities and pitfalls for:

- ultimate governance code consolidation
- data centralisation
- step changes in data volumes and availability
- changes in data ownership and value

This workshop will also seek answers to the following questions:  
· How can the market ensure a smooth transition to the smart world?  
· What is the optimum governance model to secure the stated benefits?  
· Who will do what with all of this data, from networks to suppliers to customers?

Workshop Chaired by **Adrian Clough**, Partner, Herbert Smith - **Stuart Lacey**, Chief Executive, ElectraLink - **Peter Haigh**, Chief Executive, Elexon - **David Thorne**, Chief Executive, Gemserve - **Nick Salter**, Head of Strategy and Development, Xoserve

#### **Additional session - D3 – An enhanced programme for electricity market reform** - Led by Mark Coyle, Steve Fawkes and Graham Meeks of the **D3 working group**

**This session will follow the close of Workshop 1**

D3 is a stakeholder initiative promoting an expanded role for the demand-side in our reforming electricity market, with the aim of maximising the prospects of achieving energy policy goals, increasing competition and choice, and managing costs of transition in the interests of consumers, new choices. It embraces three key elements (hence 'D3'): Demand management, Demand response and Distributed generation. The immediate objective of D3 is to press for a programme of electricity market reform that facilitates the competitive, commercial and cost-effective deployment of a diverse demand-side response.

The final session of the workshop focuses specifically on this D3 agenda, providing delegates with the opportunity to:

- discuss the challenges for the D3 agenda within the EMR process and beyond
- share the practical experience of bringing forward D3 actions and investments in the UK and other markets
- feed into the recommendations of the working group