

## "From Smart Grids to Smart Environments"

March 23<sup>rd</sup> 2010: Registration 9.30 – Close 16.30  
Octagon Suite, Conference Centre, Kings Hall Complex, Belfast

Join us for this **FREE** seminar sponsored by the Digital Communications KTN (DC-KTN), and jointly presented by The Centre for Competitiveness NI and the Buildings Research Establishment (BRE).

With guest speakers from: SmartGridIreland, Imperial College London, TAHI, Southwest Regional Development Agency, Martyn Thomas Associates, and the Technology Strategy Board.

[Click here to register](#)

The "Smart Grid" is the back-bone for the supply of renewable energy to our homes and businesses. Governments throughout Europe are piloting this **new energy infrastructure - incorporating renewables, the smart grid, smart homes and businesses and electric transportation**. This **creates significant opportunities for UK businesses to develop new products and services** and adopt new skills and innovations. The Smart Grid will have the potential to transform the way we use energy and combine advanced communication, sensing and metering infrastructure within existing energy networks. **Northern Ireland** along with other regions has taken a lead in this important sector of the economy and in collaboration with other UK organisations and companies can create a more cost-efficient and competitive economy, with improved energy security and reduced emissions. The conference will bring to life many of these opportunities and clarify many frequently asked questions.

### Who should attend

- ✓ *Senior Executives from ICT/Networks, Construction, Utilities & Transport*
- ✓ *Business Associations & Local Authority Executive Officers*
- ✓ *Senior Government Policy Advisors & Regulation*
- ✓ *Local Development Agencies & Venture Capitalists*
- ✓ *Energy related manufacturers and service providers*

### Seminar Highlights

- ✓ Technology and Commercial Business Opportunities
- ✓ Fundamental knowledge of smart grid implementation
- ✓ Smart Grid Knowledge gaps
- ✓ Communications infrastructure to support Smart Grid including distribution automation and advanced metering;

**Note: - limited numbers - registration on a first come first served basis.**

*The Digital Communications Knowledge Transfer Network has been established by an industry-led group of leading players, with funding from the Technology Strategy Board. It seeks to bring competitive advantage to the UK by promoting collaboration and knowledge sharing between the users and providers of Digital Communications, and by helping to drive innovation in the sector.*

Membership of the Digital Communications KTN is **free**, and attendees are encouraged to register as members at [www.dcktn.org.uk](http://www.dcktn.org.uk)

## ”From Smart Grids to Smart Environments”

### BRE - DC-KTN - Smart Grid Ireland

- 9:30**                    **Registration & coffee**
- 10:00**                    Welcome: DC-KTN Philip Hargrave (CEO)
- 10:10**                    Centre for Competitiveness – Overall Strategy – Bob Barbour (CEO)
- 10:20**                    Technology and Commercial Opportunity - Paddy Turnbull, SmartGridIreland
- 10:50**                    Mike Perry, BRE – Energy Zone programme
- 11:20**                    **Coffee break**
- 11:35**                    Stephen Pattenden, TAHI – Interoperability and Smart Home Networks
- 12:05**                    Martyn Thomas, Martyn Thomas Associates – Smart Grid Security
- 12:35**                    Q&A
- 13:00**                    **Lunch & networking**
- 14:00**                    British Telecom – Communications: Making Smart Grids smart
- 14:30**                    Imperial College London – Dr Richard Silverside
- 15:00**                    **Break and Networking**
- 15:15**                    Technology Strategy Board – National and European programmes – Graham Hitchen
- 15:45**                    Q&A
- 16:00**                    Paddy Turnbull – Event round up & follow on actions
- 16:30**                    **Close**