



## Electronics Enabling the Low Carbon Economy NMI Innovation Network

Book the Date: Tue 8<sup>th</sup> (pm) ,Wed 9<sup>th</sup> Sep 2009  
Venue: Swansea University SA2 8PP

### *Introduction:*

NMI is launching its new “Electronics enabling the Low Carbon Economy” Innovation Network with a focus on priority applications areas. The network will align designers, developers, suppliers and users of key technologies that have the potential to significantly impact carbon emissions in the UK and beyond.

“Semiconductor enabled efficiency” is recognised a key enabler in achieving future CO2 emissions targets and this timely launch of our Innovation Network provides the electronics community with a focal point to understand both the technical and business challenges and a platform to build collaborative partnerships that will drive economic growth while delivering significant carbon savings.

### *Event overview:*

This launch event will combine aspects of both Business and Technology in one Innovation Network experience:

**8<sup>th</sup> September ( 6pm~9:30pm ) Swansea University**  
Networking Buffet Dinner with Table Top Exhibition  
Welcome speech - (tbc) Welsh Assembly Government

**9<sup>th</sup> Sept ( 8:30am~4:30pm ) Swansea University**  
Innovation Network Event

- **Keynote Speaker** : “The UK Low Carbon Industrial Strategy” – Dept of Business, Innovation & Skills (BIS)
- Government & Energy Supplier perspective ( TSB, Carbon Trust, Scottish Power )
- Research / Academia ( Nottingham & Swansea Universities )
- Industrial Case Studies – Enabling Electronics ( IR, Diodes Zetex, leMRC, Dynex )
- Table Top Exhibition ( Technology Demonstrations & Suppliers )

### *Special thanks to our sponsors*



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## **Agenda** “*Electronics for the Low Carbon Economy*”

### **8<sup>th</sup> Sept 6pm ~9:30pm Swansea University**

#### **Networking Buffet Dinner with Table Top Exhibition**

All delegates are welcome to attend our exciting networking buffet dinner which incorporates our supplier Table Top Exhibition, all FREE of charge. Delegates arriving at 6:00pm will receive a complementary refreshment and have the opportunity to meet the speakers, suppliers and technologists representing the Electronics Community which has the power to enable a Low Carbon economy. The Network Buffet Dinner will be served from 7:00pm with an opening Address from WAG ( Welsh Assembly Government ) senior speaker, after which you will have the opportunity to mix dinner with a blend of Networking and Table Top visits until 9:30pm.

### **9<sup>th</sup> Sept 8:30am~4:10pm Swansea University**

#### **08:30 Registration & Refreshments**

#### **( SESSION 1: UK Government, Energy sector and Research Strategy )**

09:15 Welcome and introduction to the Power LC Innovation network **Paul Jarvie**, NMI

09:25 Welcome to Swansea University **Professor Iwan Davies (pro VC)**, Swansea University

09:35 **Keynote:** UK Low Carbon Industrial Strategy -

**Paul Drabwell**, Department for Business Innovation & Skills

#### **10:15 Coffee Break & Networking**

10:45 Power Sector response to the Low Carbon Challenge **Martin Sedgwick**, Scottish Power

11:15 Industrial Challenges in a Low Carbon economy

**Richard Miller**, Technology Strategy Board

11:45 Evolution of ICT and the Carbon agenda

**Rob Jones**, Carbon Trust

12:05 Power Electronics - underpinning the low-carbon economy

**Mark Johnson**, Nottingham University

#### **12:30 LUNCH & Networking with Table Top Exhibition ( 1 Hr )**

#### **( SESSION 2: Enabling “ Low Carbon ” Electronics, Industrial Case Studies )**

13:30 Funding Call for Low Carbon Power electronics

**Martin Goosey**, IeMRC

13:45 Smart Metering -Enabling Low Carbon infrastructure **Richard Lewis**, Swansea University

14:05 Innovation in High Power Switching Devices

**tbc**, Dynex

14:25 Q&A 1

#### **14:35 Coffee**

15:05 Innovative technology applications – enabling Low Carbon

**tbc**, IR

15:25 Enabling Semiconductor technology - Collaborative Project

**tbc**, Diodes Zetex

15:45 Q&A 2 and Wrap Up

16:10 CLOSE

#### **TABLE TOP EXHIBITORS:**

Table tops opportunities are available at this event for Companies and Organisations involved in all elements of the Electronics for Low Carbon supply chain.

Contact Paul Jarvie ( [paul.jarvie@nmi.org.uk](mailto:paul.jarvie@nmi.org.uk) ) for further details.

#### **EVENT REGISTRATION:**

For on line registration please go to NMI web site home page ( [www.nmi.org.uk](http://www.nmi.org.uk) )

#### **EVENT SPONSORSHIP:**

For Sponsor opportunities please contact Paul Jarvie ([paul.jarvie@nmi.org.uk](mailto:paul.jarvie@nmi.org.uk))



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