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IET Reveals International Innovation Award Winners for 2011



Thursday, 10 November 2011 11:29 AM

10 November 2011, London: The Institution of Engineering & Technology (IET) has announced the winners of its 2011 Innovation Awards, which include innovations such as a solar-electric unmanned aerial system, an intelligent decision support system for interpretation of foetal monitoring during childbirth and an automotive hybrid drive system.

The awards recognise the most innovative companies operating within a wide variety of engineering and technology disciplines, with winners announced in 15 categories including Asset Management, Emerging Technologies, Transport, Telecommunications and a new category for 2011, Embedded and Critical Systems.

The 2011 IET Innovation Awards attracted a record 420 entries, each demonstrating different innovations encompassing a broad range of industries. The awards provide industry innovators around the globe with a unique opportunity to demonstrate their imagination and recognise the depth and breadth of innovative work being carried out across all areas of engineering and technology.

The awards culminated in a glittering awards ceremony last night at the Intercontinental Hotel, Park Lane, London, hosted by actor, writer and presenter, Robert Llewellyn. The Awards were sponsored by ABB, Altran Praxis, D Young and Co, Lloyd's Register, Mathworks, National Grid, NPL and Withers and Rogers.

Professor Mike Short, President of the IET, commented: "These awards are a great way to showcase some fantastic innovations taking place in engineering and technology worldwide. The winners this year come from a wide variety of backgrounds and many have aimed to solve issues that impact our society; from saving lives to helping deliver a brighter and greener future. The IET Innovation awards offered are an important annual landmark for the IET, illustrating some of the latest and best ideas and designs that align with our core vision of advancing knowledge to enhance and improve people's lives."

The 2011 IET Innovation Award winners are:

- Asset Management**
United Utilities: Process asset optimisation to improve efficiency and serviceability improvements
- Built Environment**
GE Digital Energy: Sustainable energy generation and management for off-grid remote communities based on smart-grid technologies
- Electronics**
E Ink: Next generation Pearl: Offering the whitest reflective displays in the industry, bringing electronic paper performance to the next level
- Embedded and Critical Systems**
Xilinx, Inc.: Extensible Processing Platform (EPP) Incorporating an ARM® dual-core Cortex™-A9 MPCore™ processing system
- Emerging Technologies**
QinetiQ Ltd: The Zephyr solar-electric unmanned aerial system: Aircraft which redefined the art of the possible for affordable high altitude long endurance surveillance and communications
- Healthcare Technologies**
K2 Medical Systems: INFANT: An intelligent decision support system for interpretation of fetal monitoring during childbirth
- Information Technology**
Cambridge Healthcare Ltd: An e-health portal for patients and healthcare professionals, featuring the world's first healthcare application store
- Measurement in Action**
Plessey Semiconductors Ltd and University of Sussex: Electric potential sensors revolutionising the measurement of electric fields
- Power / Energy**
Ashwoods Automotive: Automotive hybrid drive system
- Product Design**
QinetiQ Ltd: The Zephyr solar-electric unmanned aerial system: Aircraft which redefined the art of the possible for affordable high altitude long endurance surveillance and communications
- Software in Design**
Selex Galileo: Product design, analysis and development in a virtual world using presentations and fully immersive simulated environments.



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Transport
Ashwoods Automotive: Automotive hybrid drive system

-ENDS-

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About the IET and the Innovation Awards

The Institution of Engineering and Technology (IET) is Europe's largest professional engineering society, sharing and advancing knowledge to promote science, engineering and technology across the world. The IET Innovation Awards celebrate the products, technologies and processes that lead the way in engineering innovation.

For more information, please visit: www.theiet.org and www.theiet.org/innovation

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HIGHLY COMMENDED - PR AGENCY OF THE YEAR, SC MAGAZINE EUROPE AWARDS, 2009 & 2010
SHORTLISTED - PR WEEK BEST PLACES TO WORK 2010 AWARDS

Tags: **environment, healthcare, technology, telecommunications, transport, utilities**

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Critics pre-empt government support for nuclear power

Government support for a new generation of nuclear power stations has been condemned, the day before it is formally announced in the Commons.



Blair changes mind on nuclear power

Tony Blair has admitted that he is now in favour of nuclear power following a change of heart.



Green groups' alarm at nuclear pathway

The Queen's Speech today laid the groundwork for a new generation of nuclear power stations with a trio of new bills.



60 per cent rise in energy bills 'possible'

The energy regulator has announced that UK energy bills could rise up to 60 per cent by 2016 due to climate change.



Inquiry opens into Thames desalination plant

A public inquiry into plans for Britain's first desalination plant began today, after the mayor of London blocked the scheme on environmental grounds.



Govt pushes for 'green' nuclear power

The government stopped short of a full endorsement of nuclear power today as it set out the energy white paper.



Greenpeace defeats government on nuclear power

Govt to ban bottled water from offices

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IET: 2011 Ambition Award Winners Revealed
10 November 2011, London: The Institution of Engineering & Technology (IET) today announces the winners of its 2011 Ambition Awards, with Mitali Kakran, winning the global final of the Present Around The World competition.

IET: Lack of incentives for airlines to get greener is harming the environment
The level of carbon emissions created by the aviation sector is increasing not decreasing. As such, action must be taken by the government to further encourage airlines to invest in cleaner, fuel efficient and quieter aircraft, which will dramatically reduce pollution and noise.

A High Court judge has ruled against the government and in favour of environmental group Greenpeace in a row over new nuclear power stations.



Bottled water is to be banned from government offices amid increasing concerns about its environmental impact.



Potential nuclear sites revealed

The government has already identified sites for new nuclear power stations, documents released to mark the energy white paper reveal.



Livingstone slams 'disastrous' bin taxes

Government plans for 'pay as you throw' bin taxes are "flawed" and would not work in the capital, the mayor of London has said.



IET: Electric motorsports film gets London Showcase

CHARGE – zero emissions/maximum speed, a film showcasing the zero emissions technology behind the TT Zero Races on the Isle of Man is being shown this week (Wednesday 12th October) at London's iconic Savoy Place home of the Institution of Engineering & Technology (IET).

Special event coverage

ESRC Festival of Social Sciences: 'The World at 7 Billion'

What does it mean for us that the world's population has reached 7 billion? Is it sustainable? Will there be enough food, energy, land space, or even enough oxygen, for not just the 7 billion we have now, but the 9 billion we are estimated to have by 2015? What can we do about it? The Festival of Social Sciences event 'The World at 7 Billion' is certainly not shying away from brave questions.

ESRC Festival of Social Sciences: 'British social attitudes in European comparative context'

The timing of the ESRC's Festival of Social Sciences could not be more pertinent, and the European Social Survey (ESS) event - 'British social attitudes in European comparative context' – shows just how much the work of social scientists can offer us all.

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