



## PRESS RELEASE

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### i2O WATER WIN RUSHLIGHT AWARDS 2012-13

Eventure Media presented the 6th **Rushlight Awards** at a sumptuous Gala Dinner last night at the Royal College of Surgeons of England, Lincoln's Inn Fields, London. Attended by companies and organizations that are leading the way in clean technology, investors, city advisers, specialist and general media, trade associations and government departments, the dinner followed, for the 4th year, the very successful **Rushlight Show**.

The key note speech at the dinner was given by **Greg Barker**, Minister of State for Energy & Climate Change.

The Minister said: **"Innovation is a key driver for growth across our green economy and beyond, helping us find new ways to cut carbon, reduce costs and help put our businesses on a more sustainable footing. It's great to see so many organisations stepping up to this challenge, and I would like to congratulate the winners of the Rushlight Awards on their exciting new ventures."**

The overall winner was **i2O Water** who have developed an Advanced Pressure Management system which allows water companies proactively and remotely to manage pressure and improve the performance and life span of their networks. The system delivers the required level of water pressure, adapting continuously to actual usage and pressure needs, resulting in leakage reduction; burst frequency reduction; energy consumption savings; network asset life extension; lower operational costs and improved customer service.

The judges commented: *“Innovative and addressing the economic loss through water leakage. It is proven in the field and widely deployed already providing water, carbon and financial savings.”*

The group category winners were:

1. **Newform Energy** have developed a hybrid solar solution that combines PV, solar thermal and heat pumps which results in an aggregate system output that far exceeds the sum of the outputs from the separate technologies.;
2. **G-volution Ltd** have developed technology, which has been installed in over 50 trucks in the UK, which enables a modern diesel engine to be multi-fuelled, combining diesel with natural gas, liquefied petroleum gas or hydrogen. Through emulation, the diesel injection signal is replicated which ensures there is no over-powering or over-torquing;
3. **Sentec and Selex ES** have developed GridKey to provide a low cost, accurate monitoring solution that can be retrofitted without interruption to allow the Distribution Network Operators to have visibility of their low voltage network. This will allow optimisation of low carbon technology deployment without unnecessary investment in the grid;
4. **Loowatt Ltd** who have developed a waterless toilet system that seals human waste into biodegradable polymer film for anaerobic digestion. The digester converts the waste into biogas and digestate, a nutrient-rich liquid that is further treated to be sold as fertiliser. The biogas is used directly as fuel or converted to electricity;
5. **Xeros** have developed an ultra low water cleaning system involving Xeros polymer beads used in a special washing machine designed to release the beads into the drum for washing and then removing the beads from the clothes when the cleaning is complete. Up to 80% less water, 50% less energy and 50% less detergent is used compared with conventional aqueous washing.

The complete list of winners is set out below and the winners and the commended entries, together with a description of their technology and innovations, are set out in the roll of honour at [www.rushlightawards.co.uk](http://www.rushlightawards.co.uk).

### **Overall**

#### **The Rushlight Award**

**i2O Water Ltd**

### **Group categories**

Rushlight Natural Energy Award

Newform Energy Ltd

Rushlight Clean Energy Award

G-volution Ltd

Rushlight Energy Environmental Award

Sentec and Selex ES

Rushlight Resource Innovation Award

Loowatt Ltd

Rushlight Environmental Management Award

Xeros

### **Direct entry categories**

Rushlight Solar Award

Sun Spirit Ltd

Rushlight Marine & Hydro Energy Award	Kinematic Marine
Rushlight Powered Transport Award	G-volution Ltd
Rushlight Hydrogen and Fuel Cells Award	RE Hydrogen
Rushlight Power Gen & Transmission Award	Sentec & Selex ES
	University of Nottingham, Blue Planet (UK) Ltd, Tru-Stone Ltd and Marsh-Growchowski
Rushlight Energy Reduction Award	Architects LLP
Rushlight Energy Efficiency Award	Nexxon Ltd
Rushlight Water Treatment Award	University of York
Rushlight Water Management Award	i2O Water
Rushlight Resource Management Award	Smartstreets Ltd
Rushlight Organic Resource Award	Loowatt Ltd
Rushlight Waste to Energy Award	Chinook Sciences Ltd
Rushlight Clean Environment Award	Glosfume Ltd
Rushlight Responsible Product or Service Award	Kebony
Rushlight Sustainable Manufacturing & Services Award	Xeros
Rushlight Environmental Analysis & Metrology Award	Better Generation

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### **Rushlight Awards**

Now in their 6<sup>th</sup> year, the RSA-accredited Rushlight Awards are a celebration and a promotion of new technology, innovation and best practice across the whole environment spectrum for organisations throughout UK and Ireland. Designed to highlight innovation and the holistic environmental benefit of technologies that are most likely to or are already creating a stir in the market, they are a means of disseminating the successes to support further development. The group and overall winners will be eligible to be considered to represent the UK in the European Business Awards for the Environment 2014.

### **Judges:**

The judging was performed by an independent panel of recognized experts covering all the clean technology sectors drawn from academia, trade associations, government departments and specialist media. In particular, the judges included individuals whose full or part-time roles extend to representing DEFRA, Environment Agency, DECC, Chatham House, WRAP, NESTA, the Carbon Trust, British Geological Survey, UKERC, Technology Strategy Board, STFC, WWF International, Environmental Sustainability

KTN and the Energy Saving Trust. One of the unique attributes of the Rushlight Awards is the fact that the judges are entirely independent of Eventure Media.

**Specialist media partners:**

In view of the specialist nature of some of the categories, there were 15 media partners promoting and covering the event. The full list is available on [www.rushlightawards.co.uk](http://www.rushlightawards.co.uk).

**Supporting Partners:**

This year, the Rushlight Awards had over 50 supporting partners including leading institutes, trade associations, government departments and other networks which represent and promote clean technology throughout the UK and Ireland. The full list is available on [www.rushlightawards.co.uk](http://www.rushlightawards.co.uk).

**Eventure Media Ltd**

Eventure Media launched the Rushlight Awards in 2007 and the event has already gained a substantial following. As the only awards for technology developers across the whole cleantech spectrum, it has attracted the interest of companies both large and small which are leading the development of renewable energy, clean fuels, power generation, energy efficiency, sustainable products and services, water, waste and pollution management in the UK and Ireland. In addition to the Rushlight Awards, Eventure Media runs the Rushlight Show, Rushlight Built Environment Briefings, Rushlight Innovation Capital Network, Rushlight BioBriefings in association with NNFCC, Investor Briefings in association with Forbury Investment Network, Rushlight Summit Briefings in association with SummitSkills, Rushlight Sustainable Resources Briefings and the London Cleantech Cluster. The company also provides incubation services to early stage companies developing new clean technologies.

[www.rushlightawards.co.uk](http://www.rushlightawards.co.uk)

[www.rushlightevents.com](http://www.rushlightevents.com)

[www.eventuremedia.co.uk](http://www.eventuremedia.co.uk)



