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[EnviroDaq News In Brief](#)
[EnviroDaq 100 Company News](#)
[Venture News](#)
[Company Case Study - Renew Holdings](#)
[About EnviroDaq](#)
[Contact Details](#)

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EnviroDaq Manager

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EnviroDaq 100
(as of 26/09/08)

95.26



Today: -0.64
Last 7 days: -1.76

News In Brief

Britain Meets Biofuel Targets Through Imports

Britain is meeting its 2.5 percent target for biofuels use in motor fuel but is relying heavily on imports, according to government data. Britain produced only 10 percent of the biofuel, well behind the world's two leading producers; United States (27 percent) and Brazil (15 percent) while the origin of 32 percent of the fuel was classified as unknown.

Biofuels, which are currently mainly produced from grains, vegetable oils and sugar crops, are seen as a way to reduce dependence on fossil fuels and cut emissions of the greenhouse gases believed to contribute to climate change.

"This data shows that biofuel importers are pretty much in the dark when it comes to the origin of their products," said Mariana Paoli, forest campaigner for Greenpeace. "Government targets were set too hastily, and are currently allowing all sorts of unsustainable biofuels slip through the net.

To read more click [here](#).

UK Approves Building of Major Offshore Wind Farm

The British government has approved construction of a 500-megawatt offshore wind farm in Cumbria, northwest England, the government has said.

It said the Duddon Sands farm, planned near Walney Island off the coast of Barrow-in-Furness, was one of the country's three largest offshore wind farms approved so far. It would comprise up to 139 turbines.

Morecambe Wind Ltd, a consortium of Scottish Power, Eurus Energy from Japan and Denmark's state-controlled DONG Energy, is to build and operate the farm.

To read more click [here](#).

London Mayor Unveils Climate Crisis Plan

Mayor Boris Johnson has unveiled a plan to help London tackle the challenge of climate change with less carbon dioxide, more trees, better drainage and increased water efficiency.

Some 15 percent of London is deemed at high risk from flooding due to global warming -- an area including 1.25 million people, 480,000 properties, 441 schools, 75 underground and rail stations, 10 hospitals and one airport. The estimated total cost of all affected assets total £160bn.

"We need to concentrate efforts to slash carbon emissions and become more energy efficient in order to prevent dangerous climate change," Johnson told reporters at the iconic Thames Barrier flood defence system.

To read more click [here](#).

Italy Growth is Not Enough to Plug Gap in Solar Power Demand

Growth in solar power installations in Italy may not be enough to plug a gap in global demand as Spain prepares to slash subsidies, say Italian industry experts. Solar power firms face a drastic slowdown in the Spanish market next year and some are pinning their hopes on Italy, but Italian officials and manufacturers are cautious over growth prospects.

Italian manufacturers said they faced considerable red tape. Angelo Nogara, managing director of Solkraft Italia, said many Italian solar plants had to wait a year after being built to be connected to the grid.

Elsewhere, generous subsidies in Spain will expire this month after encouraging the installation of 1,000 megawatts in new solar plants this year. That has made Spain the world's biggest market after Germany, where the government expects 1,350 MW of new solar plants to go on line in 2008.

To read more click [here](#).

[TOP](#)

EnviroDaq 100 Company News

PowerFilm Licenses Technology from HP for Thin Film Electronics

PowerFilm has developed manufacturing technology for depositing the thin film semiconductor dielectric and metal layers which will be patterned by the SAIL process to create the transistor array. The SAIL technology invented in HP Labs, HP's central research arm, enables circuits to be created on flexible thin films in a single lithography step.

Using a single imprint and a flexible substrate in a low-cost roll-to-roll manufacturing process, this combination of technologies will allow low-cost fabrication of thin film transistor arrays for eventual mass production.

"The licensing of the SAIL technology from HP represents an important milestone in the advancement of our thin film electronics program. The development of backplane drivers for the flexible display market represents another use of our core technology that is a potential future revenue stream in addition to our solar business," said Frank Jeffrey, Co-Founder and CEO of PowerFilm.

To read more click [here](#).

Wind Farm Approval for Camco

Camco International Limited, has been granted planning permission approval for Maerdy Windfarm. Maerdy Windfarm is a development by Renewable Energy Partnerships Ltd (REP), a Camco Group joint venture. Camco holds a 10% shareholding in REP via its Camco Ventures division which invests to commercialise climate change mitigation technologies, projects and services.

Maerdy Windfarm is located in the Rhondda Valleys in South Wales. The planned development is for eight 3MW turbines with estimated electricity generation of 64,000 MWh per year.

Jeff Kenna, Camco CEO, said "Planning permission is a key milestone in the development of the Maerdy Windfarm and we can now look forward to implementation of this first REP wind project in South Wales. We will continue to look at options to maximize the value of this successful Ventures investment."

To read more click [here](#).

World first approval for Proton's new fuel cell module

Proton Power Systems plc, has announced that its wholly owned subsidiary, Proton Motor Fuel Cell GmbH has been awarded the world's first ever fuel cell seal of approval by TÜV SÜD for its new fuel cell module.

The award is given to systems meeting specific requirements in terms of safety and technical perfection. The approval will enable the Company to start automated volume production at its plant in Puchheim, Germany, leading to a capacity of several thousand stacks a year.

Thomas Melczer, CEO of Proton Power, said: "This is a significant milestone for the Group and is testament to the high quality of our technology. With the rising shortage of fossil fuels, there has been an increased demand for hydrogen and fuel cell technology".

To read more click [here](#).

SIT Wins First Project in Czech Republic

Solar Integrated Technologies has been awarded a contract to supply BIPV roofing systems for a warehouse in Kourim, Czech Republic. The project will feature 190 kilowatts (kW) of Solar Integrated's proprietary BIPV membrane product on a portion of the warehouse that is being re-roofed, as well as 72 kW of the Company's recently launched M2TM product for metal roofing applications on the remainder of the warehouse. The project is expected to be completed in 2008.

"This, our first project in the Czech Republic, shows the increasing opportunity for us as we expand our sales into new and exciting European solar markets," stated R. Randall MacEwen, President & CEO of Solar Integrated. "We continue to broaden our growth exposure while also reducing our country concentration risk. This was punctuated with the completion of 52 projects in 11 European countries in the first half of 2008."

The Czech Republic, which typically experiences 1,400 to 1,700 hours of sunshine per year, has a feed-in tariff of €0.46 per kWh for 15 years. The Czech Republic has pledged to the EU to produce 8% of electricity from renewable sources by the year 2010.

To read more click [here](#).

Ludgate Environmental Fund to invest in water technology business

Ludgate Environmental Fund Limited has announced its commitment to invest A\$550,000 into Phoslock Water Solutions Limited. PWS is an Australian public company listed on the Australian Stock Exchange.

PWS owns the patents and global trade mark for 'Phoslock'. Phoslock is a modified clay product which removes phosphorus from the water column and sediment pore water of water bodies. By removing the phosphorus, Phoslock effectively controls the growth and proliferation of algae through limiting one of their essential nutrients. Application of Phoslock in a water

body will break existing algal blooms and prevent future blooms.

Phoslock was invented and developed by the Commonwealth Scientific & Industrial Research Organisation (CSIRO), Australia's national scientific organization. PWS manufactures Phoslock at its joint venture manufacturing operation near Kunming, China.

To read more click [here](#).

New Order for Catalytic Solutions

Catalytic Solutions has announced that its wholly owned subsidiary, Applied Utility Systems, has won an order from Jacobs Engineering Group Inc. valued at approximately U.S. \$16.5 million, with revenues expected to commence in September 2008 and an anticipated project end date in the third quarter of 2009.

The initial purchase order from Jacobs, (the acting agents for and on behalf of BP Products North America, Inc., one of the world's largest energy companies) includes the design, engineering and fabrication of five selective catalytic reduction (SCR) systems intended for existing boilers installed at a BP Refinery located in Whiting, Indiana.

Commenting on the order, Charles F. Call, Chief Executive Officer of Catalytic Solutions, Inc. said: "We are delighted that Jacobs recognizes the value proposition in selecting us for their boiler applications. This win further illustrates the success of the steps we took in 2007 to position our Company as a total solution provider for gas-turbine owners and industrial boiler owners."

To read more click [here](#).

Sabien wins Norwich Union Contract

Sabien has announced it has been awarded a contract by Norwich Union (an AVIVA company) worth £188,000 to install Sabien's M2G technology at its offices in the UK. AVIVA is the world's fifth-largest insurance group and the largest insurance services provider in the UK.

The contract for Sabien's M2G energy efficiency technology demonstrates AVIVA's commitment to the environment and will be important in reducing its energy consumption and carbon footprint.

Gregory Luxford, Norwich Union (Energy & Utilities) said: "AVIVA has a well established CSR policy and is committed to reducing its impact on the environment. As part of this, Norwich Union sets targets each year to reduce its carbon footprint. The reductions achieved by M2G in a wide range of case studies at other organisations were impressive and we wanted to confirm these ourselves with a pilot scheme managed by Sabien at a number of our sites. Sabien were open and easy to work with and this, together with the impressive savings achieved, made a strong case to adopt M2G across the Norwich Union estate."

To read more click [here](#).

Grupo Bimbo adopts Symphony's D2W technology

Symphony Environmental Technologies Plc, the degradable plastics and waste-to-energy Group, has announced that a major environmentally responsible initiative for d2wTM plastic technology has been launched in Mexico with Grupo Bimbo.

Bimbo has decided to use d2wTM additive technology in its packaging following extensive successful trials. The distribution and support services will be led by Symphony's Mexican, Central American and Latin American distribution network.

Michael Laurier, Chief Executive of Symphony Environmental Technologies plc, said: "We are delighted to be associated with Grupo Bimbo on their initiatives to improve their packaging products with the incorporation of d2wTM additive technology. We are also excited to be involved with creating some important environmental changes in Mexico and Latin America and playing a part in Bimbo's strategy of excellence which forms part of their efforts to continually improve their corporate and social responsibility standards."

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[TOP](#)

Venture News

Quiet Revolution raises £7m

Wind turbine developer Quiet Revolution has raised £7m growth funding. German energy group RWE Innogy provided £6m, with the rest coming from undisclosed private investors.

The London-based firm produces small vertical-axis turbines for distributed generation. The firm says they're particularly suited for use in built-up areas where conventional fan-style turbines aren't efficient. Around 30 are already in place around the UK, mostly 6KW turbines on sites including supermarkets and new residential developments. Quiet Revolution is also developing a larger 50KW turbine and a 2.5KW model for domestic buyers.

To read more click [here](#).

£2m for 4energy

Electronic cooling technology firm 4energy has raised £2m from Carbon Trust Investments and Catapult Venture Managers. The Nottinghamshire-based company produces passive cooling systems that can replace energy-intensive air-conditioning in ICT equipment rooms. 4energy has a solid list of domestic clients including Vodafone, EDF Energy and Scottish Power Energy Networks, and is eyeing international markets.

To read more click [here](#).

GEO raises angel funding

Energy monitor group Green Energy Options (aka GEO) has raised £800,000 growth funding. Angel group Thames Valley Investment Network contributed £250k, with match funding from Bank of Scotland Corporate's growth capital wing. Individual investors provided the rest. Cambridge-based GEO produces a range of displays and accessories which allow households to monitor and reduce their energy use.

To read more click [here](#).

Venture News provided by Clean Ventures for EnviroDaq. To visit Clean Ventures, click [here](#).

[TOP](#)

Company Case Study

The following case studies of companies in the EnviroDaq index were penned by the companies themselves and have not been edited by the EnviroDaq editor. We therefore accept no liability for the accuracy of the information contained within them and they should not be used as a prospectus for investment purposes.

Company: Renew Holdings

Renew Holdings plc, formerly Montpellier Group Plc, and prior to that YJL Plc and Y.J. Lovell (Holdings) Plc has a history spanning over 200 years. The "Y.J." of Y.J. Lovell were the initials of Young James Lovell, a surveyor who in 1876 acquired the century-old Marlow building firm of Thomas Corby, a business which had begun almost a century before. The fifth son of a Dorset carpenter, Young James was a man of great flair who made the most of his opportunities and gave the company the impetus to continue developing over the next century.

The company went public in 1968 and over the following years the Group's activities expanded to include a Building Division, Plant Hire Operation, Developments Division, Timber Operation, and overseas interests in land development.

In the late 1990s and early part of this century, the Group reorganised its activities substantially, selling various businesses and acquiring three companies which today form a major part of its operations, Allanbuild, Britannia Construction and the VHE Group.

Following the appointment of Roy Harrison as Chairman in 2004 and of Brian May as Chief Executive in 2005, the Group was renamed Renew Holdings plc, a holding company of a Group providing specialist construction services through individually branded subsidiaries across the UK.

In 2007, Renew acquired Seymour Civil Engineering Contractors, an engineering services company specialising in the water industry.

Today, the Group is organised into two business streams; Specialist Engineering with expertise in nuclear, land remediation and water through its subsidiaries Shepley Engineers, VHE and Seymour; and Specialist Building incorporating retail, social housing, science & education and restoration and refurbishment through its subsidiaries Allenbuild, Britannia Construcion, YJL London, YJL Infrastructure and Walter Lilly.

[TOP](#)

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If you work for an environmental company or organisation in the Greater Peterborough area ([see map](#)) then get involved with EnviroCluster and [register](#) with the site for free. This will give you access to the entire site where you can find information on business opportunities, business and social networking events, access to your own control panel where you can submit your own [news](#) and [events](#) to the site, registration for frequent EnviroCluster email bulletins, and a listing in the [members directory](#). If your organisation is already in the directory, then sign-up to edit your listing. Please encourage all of your colleagues to register with EnviroCluster to make us an even stronger EGS community in Peterborough.

About EnviroDaq

The EnviroDaq 100 Index is the first index for UK-listed environmental technology companies. It indexes the 100 largest UK-listed companies which derive at least 60% of their turnover from environmentally-focused goods and services. These include renewable energy; energy efficiency equipment; renewable materials; waste management; water and waste water treatment; air pollution control equipment; environmental monitoring and instrumentation; and cleaner technology processes.

The EnviroDaq 100 website (<http://www.envirodaq.com>) provides detailed company information, including key financials, company background, broker recommendations and investment ratios. It includes a graphing feature which allows you to create flexible and customisable share graphs for each of the EnviroDaq component securities.

[TOP](#)

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