Virtual exhibit shows off more than 100 renewable energy projects

10 August 2011, by Lisa Zyga

A Vestas wind turbine. Image credit: Vestas

(PhysOrg.com) -- Solar, wind, bioenergy, geothermal, and other types of renewable energy projects are coming together under one roof in the form of a new online renewable energy platform. Hosted by the electronics exhibitions project EXPO21XX, the renewable energy platform showcases ongoing projects in both the industry and academia.

The platform is an initiative between EXPO21XX and the clean technology industry, in which firms and universities get their own "stands" (web pages) to display their projects. From off-shore wind turbines to fuel cells and hydrogen storage, each stand provides a description of the project, and many also include photos and videos, all of which are available to visitors free of charge. The platform aims to be not only informative, but also educational and inspiring.

"The massive nuclear catastrophe in Fukushima, followed by news of diminishing fossil fuels, energy security, and a growing demand for electricity, fuel and the increasing global carbon emission were enough rationale to undertake this project," said Seth Quartey, the Universities' Projects Specialist for the exhibit. "EXPO21XX's goal therefore is to contribute to a cleaner, greener and healthier planet by displaying the new environmentally and economically sound energy resources being produced and researched in the industry and universities like wind, geothermal, hydropower, tides, waves, solar, and biomass to generate global interest in and demand for renewable energy resources."

Among the many notable wind turbine companies in e-Hall 01, the platform features Denmark-based Vestas, currently the largest wind turbine company in the world, along with the German wind turbine company Nordex. In e-Hall 05, which features companies involved in photovoltaic solar panels and modules, visitors can learn about projects by the German company SolarWorld, Canadian Solar, and the Chinese company LDK, among others. Other highlights include the German biogas technology company MT-Energie and the Austrian automation company KEBA, which makes charging stations for electric vehicles.

On the universities side, the platform features Arizona State University's extensive solar energy projects, the Australian National University's photovoltaics systems, the University of Louisville's Conn Center for Renewable Energy Research, and multiple bioenergy projects at the University of California, Berkeley.

In addition, EXPO21XX has partnered with the online magazine and network Renewable Energy World to announce their forthcoming conference in September 2011 in Asia and in North America and Europe in 2012.

More information: EXPO21XX Renewable Energy (Industry) and EXPO21XX Renewable

Energy (Universities)

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