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Eindhoven, Amsterdam

KIC InnoEnergy launches powerful free tool to help bring innovation in sustainable energy to market

KIC InnoEnergy, the European company dedicated to promoting innovation, entrepreneurship and education in the sustainable energy field, has today launched Delphos, a revolutionary online tool.

Delphos, which is available online from today from the KIC InnoEnergy website, aims to make it easier for innovators to bring products in the field of sustainable energy to market, by providing the only free tool available in the market to predict the impact that innovation will have on the cost of energy.

Currently available for innovations in the field of wind energy (onshore and offshore), it will soon be extended to solar technologies. Innovators can either use the library of data already included in the tool or input their own data to run scenarios to predict how their innovation will impact the overall cost of energy.

Antoni Martinez, KIC InnoEnergy's Chief Technology Officer for renewables, says: "We see this tool enabling innovators to better explore and track the impact innovations have on the field of renewable energies.

"Big businesses have long used their own in-house predictive models to help in the development of initiatives which have been beyond the scope of start-up and small business, but now any innovator can benefit from the ability to model the impact their product might have, prior to commencing expensive development process. We see this as a real game-changer in enabling innovators to bring their products to market."

The Carbon Trust, the UK based not-for-profit focused on commercialising new low-carbon technologies, has been using Delphos to test its effectiveness in proving the future commercial value of technologies.

Al-Karim Govindji, a Senior Project Manager at the Carbon Trust, says: "We've been using this tool for a number of months now and the initial results look extremely promising. In assessing cost improvements of offshore wind, for example, we have historically relied on published data, but this tool allows us to customise the inputs in line with the results we get from our demonstration programmes. So having a free to use online product like Delphos has made a massive difference to the way we can assess the carbon impact of technologies we are supporting. We're looking forward to using this tools for project cost verification in the future."

Delphos is available to access for free via the KIC InnoEnergy website at <http://www.kic-innoenergy.com/delphos/> and will be extended to cover other sustainable energy technologies over the coming months.



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Press Contact

Rosie Williams

Aspectus PR London

Account Manager

rosie.williams@aspectuspr.com

+44 (0) 20 7092 8127

About Delphos

KIC InnoEnergy's new cost evaluation platform, Delphos, is designed to make publicly available a series of cost models and basic datasets to improve the analysis of the impact of innovations on costs and to allow the research community, industry, policy makers and investors to make robust decisions about the role of innovation in the energy sector as well as to feed their strategy definition processes.

KIC InnoEnergy's goal is that Delphos become a reference tool for the evaluation of the impact of single and concrete innovation on the typical economical parameters of energy facilities, being the levelised cost of energy (LCOE) the key indicator. Delphos provides a simple but exhaustive methodology to assess the impact of innovation on typical renewable energies power plants such as wind energy (onshore and offshore), photovoltaics (coming soon) and solar-thermal electricity.

KIC InnoEnergy, together with BVG Associates, is developing credible future technology cost models in four renewable energy generation technologies using a consistent methodology. Delphos is an online and simplified version of these cost models.

The purpose of these cost models is to enable the impact of innovations on the levelised cost of energy (LCOE) to be explored and tracked in a consistent way across the four technologies and over the next 12 to 15 years. A specificity of those models is that the impact of innovations is not only modelled according to their technicality but also taking into account their marketability. While the priority is to help focus on key innovations, Delphos also consider real world effects to ensure a realistic overall LCOE trajectory.

About KIC InnoEnergy (www.kic-innoenergy.com)

KIC InnoEnergy is the European company dedicated to promoting innovation, entrepreneurship and education in the sustainable energy field by bringing together academics, business and research institutes. KIC InnoEnergy's goal is to make a positive



impact on sustainable energy in Europe, by creating future game changers with a different mind-set, and bringing innovative products, services and successful companies to life.

With its headquarters in the Netherlands, KIC InnoEnergy develops its activities across a network of offices located in Belgium, France, Germany, the Netherlands, Spain, Portugal, Poland and Sweden. More than 150 partners contribute to KIC InnoEnergy's activities, forming a first class and dynamic network that is always open to new entrants. The company's 27 shareholders are committed to a 7 year industrial plan in which they pledge to mobilise €700 million of resources during the period 2011-2015 alone.

KIC InnoEnergy is financially supported by the European Institute of Innovation and Technology (EIT) and, while a profit-oriented company, has a "not for dividend" financial strategy, reinvesting all its profits back into the organisation's activities.