

PRESS RELEASE

EnergyVille and partners demonstrate large residential demand response research project

Amsterdam, European Utility Week – between October 15th and 17th EnergyVille and partners will present the research project of Linear to a large audience in the Netherlands: with no less than 250 test families, Linear is one of the largest smart grids research projects in Europe. Linear combines smart appliances, smart meters and home energy systems to the electricity grid of tomorrow. You thought a smart meter was revolutionary? That's only the top of the iceberg!

In the future we may assume that electricity prices for consumers can vary a few times a day, depending on the offer (wind and solar) and the demand (night, weekend, evening peak, cold weather). Families will be able to look into those prices, so they only turn on their washing machine in a 'smart' way, when electricity is cheap. Or better: so the appliance can be automatically turned on when electricity is cheap. Or even better: by letting the electricity grid decide to turn on the machine within a comfort zone that is set by the family. That way the grid can use electricity surpluses on a regional and countrywide level until the peak is 'used away'. Project leader Wim Cardinaels: 'Smart grids, the combination of smart meters, smart appliances and energy management systems, can offer an affordable solution to keep our grids reliable in the future and adapt them to renewable energy.'

Linear works with 250 families in Flanders to investigate the ability to handle the impact of the transition towards renewable energy through household appliances. For that reason EnergyVille and partners developed new technologies and management systems and are they looking for those configurations that serve energy users, suppliers and managers best.

EnergyVille warmly invites you to discover this future in the Energy Experience on the European Utility Week. Also interested in our revolutionary smart charging system for electrical vehicles? That technique we demonstrate in Hall-1 at booth 58.

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More information: www.linear-smartgrid.be

More information on the fair: www.european-utility-week.com/energyexperience

More information

Linear

Twenty partners have joined hands to support Linear, or 'Local Intelligent Networks and Energy Active Regions'. The project was launched on 1 May 2009 and will run until the end of 2014. It was born of a partnership between research institutions including the KU Leuven, VITO, iMinds and imec, industry and the Government of Flanders.

More: www.linear-smartgrid.be

EnergyVille

EnergyVille is a cooperation of the Belgian research institutes KU Leuven, VITO and imec. The knowledge centre strives to be amongst the top five of Europe in the field of innovative energy research. In close collaboration with local, regional and international partners, EnergyVille unites research, development, training and innovative industrial activities.

More: www.energyville.be