

Personal Energy Administration Kiosk application



The PEAKapp consortium develops a unique ICT-to-Human ecosystem, which:

- Triggers lasting energy savings through behavioural change and continuous engagement
- Enables increased consumption of clean and low priced electricity from the spot market for household customers
- Connects them to social media and motivate them through serious gaming

"Wind is currently producing high loads. Your electricity provider offers you a discount of 25% on every kWh of electricity used between 1 and 4 pm today." In the near future consumers will receive such text messages from their energy companies to consume the energy from renewables when they are cheaply available. A dynamic electricity accountancy system is the basis of real time monetary rewards for consuming electricity in times of high production.

"With this first close-to-market-ready attempt to provide households with a dynamic electricity tariff reflecting the current production from renewables, the door is opened for the most significant impact on the household electricity market since its liberalisation."

Johannes Reichl & Andrea Kollmann, Project Coordination, Department of Energy Economics JKU Linz (Austria)



Project Title:

PEAKapp – Personal Energy Administration Kiosk application: an ICT-ecosystem for Energy Savings through Behavioural Change, Flexible Tariffs and Fun

Call:

Horizon 2020 – Call EE-11 2015 – New ICT-based solutions for energy efficiency

Funding:

€2 mill. approximately

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