## **Smart grid innovations Hungary**



Az E+grid adaptív intelligens energia-pozitív közvilágítási rendszer kifejlesztését a napenergia közvilágítási rendszerekben történ? felhasználása, az intelligens energiahálózatok (smart grid) terjedése, az energiatakarékosságra való törekvés, val

Zsolt Bertalan, President of the Smart Future Innovation Cluster, speaks about the role consumers can have in the decarbonisation of the energy system and what is needed to change in the CEE region for grids to become "smart".

As Hungary invests in smart grid technology, the benefits will be felt across the energy spectrum. From increased efficiency to enhanced sustainability, smart grids are a crucial component of the country's energy future.

Each of the smart city aspects (smart mobility, smart environment, smart people, smart living conditions, quality of life, smart governance and smart economy) that can measure the state of cities and the impact of development, are connected somehow to the topic of smart grids.

The opportunity has emerged to take part in regulating domestic power grid systems and thereby reduce emissions in our facilities, thus contributing to the European Union's and Hungary's CO2 reduction plans."

Prepared for the challenges of the future, the Group plans on spending EUR 1 bln in the near future to develop its electricity network in Hungary. The company is continuously in search of innovative tools to support the use of renewable energy to ...

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The Hungarian Energy and Public Utility Regulatory Authority (MEKH) has recently granted the necessary evaluations for the inclusion of the Danube InGrid project on the sixth list of European Union projects of common interest.

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The prosumer and prosumption theory is an increasingly popular topic in the literature, and in this paper we



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look at the role of prosumers in smart grids using systematic literature review. Additionally we show in our study how smart grids work through some Hungarian examples.

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