Executive Training Program for Young Energy Leaders

Tackling market failure and energy security

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What is / will be the future?
Non-energy companies in the business

The Nest Learning Thermostat
Now with Google+
Non-finance companies in the business

Walmart working towards 100% renewable energy.

Essent (NL belonging to RWE), made a deal with Mediamarkt to sell energy through its shops for five years in the Netherlands.
All-Electric plug-in is Car of the Year 2013

Motor Trend Magazine
Automobile Magazine
Consumer Reports.org
Personal wi-fi wireless controlled lighting
3D Printing grew 40% in 2013

**Siemens**: to cut time of order from 44 weeks to 4 to replace turbine blades! And prototyping from 20 weeks to 48 hours”.

**GE**: is using 3D printing for Boeing 737 and Airbus A320 fuel nozzles 25% lighter and 5 times more durable!

**Airbus**: is making bits of planes and dreams of printing the entire fuselages!

*In The Economist May 3rd-9th 2014*
...and utilities in non-utilites business

My vision, he said, “is that RWE will put solar panels on your roof, a battery in your shed, a heat pump in your cellar, and we will also manage this complex energy system for you.”

CEO of RWE, Peter Terium in Energy Post, 7 April 2014.
Power system of TODAY

Source: Eurelectric.
Smart system of TOMORROW

Source: Eurelectric.
Eurelectric is saying

The European power industry is being reshaped by four main drivers

1. Increased competition
2. Concerns about security of supply and climate change
3. ICT developments
4. Increasing use of electrical appliances and local power generation
“Smart grids, and the information provided by smart meters, will lead to new business opportunities for competitive players.”

and Financial Innovation!
THANK YOU

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