



Litgrid

Exploring benefits of regional integration: markets and institutions

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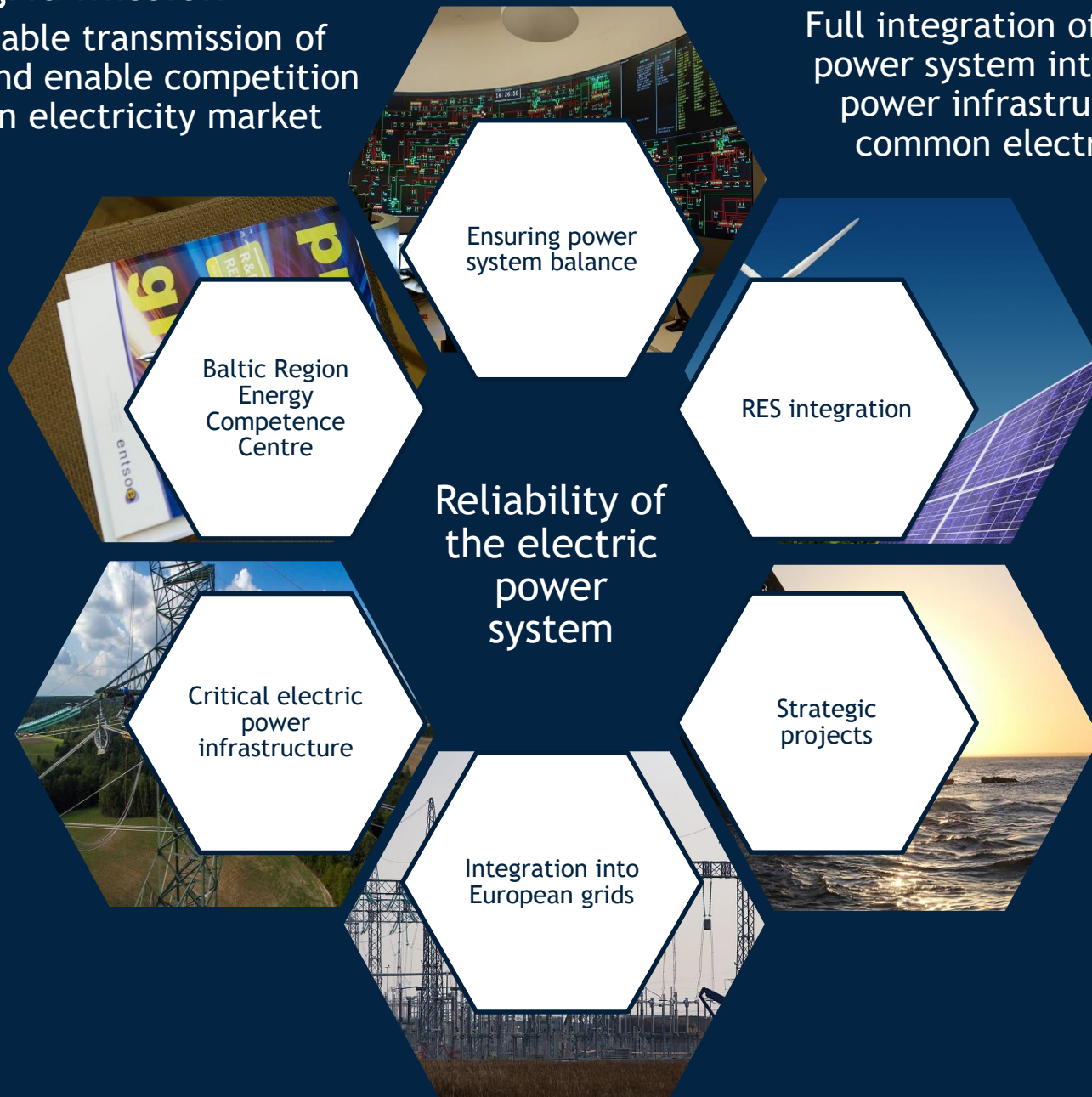
CEO of Litgrid, Lithuanian transmission
electricity system operator

Litgrid mission

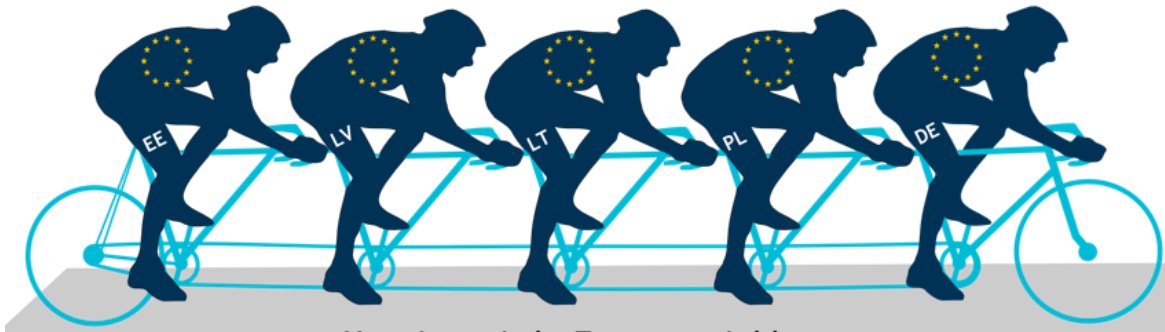
Ensure reliable transmission of electricity and enable competition in the open electricity market

Litgrid vision

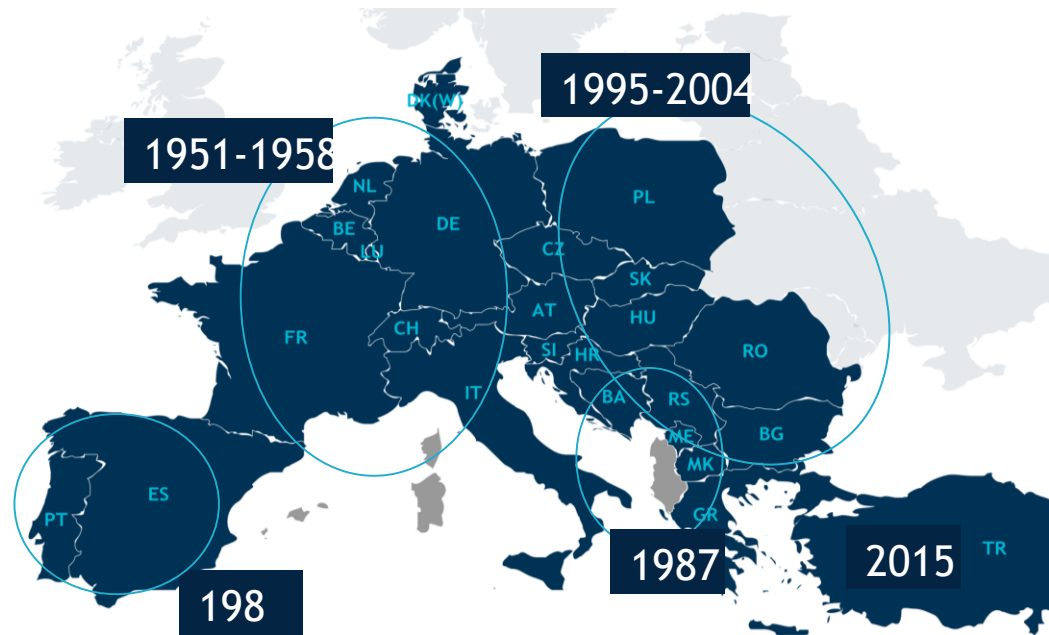
Full integration of the Lithuanian power system into the European power infrastructure and the common electricity market



Interdependance within synchronous electricity systems

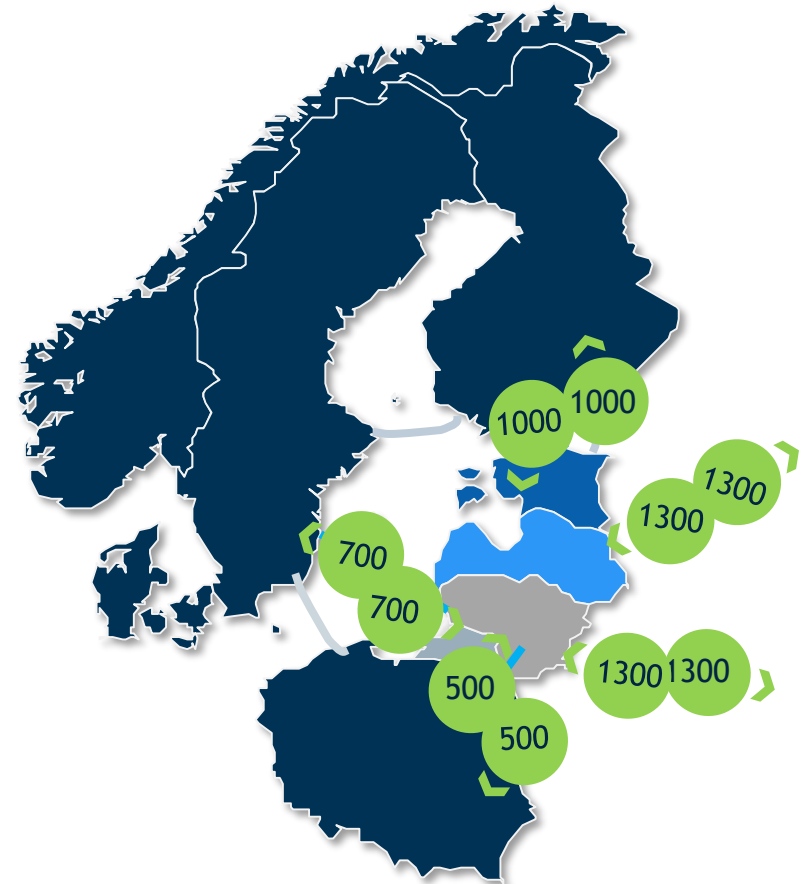
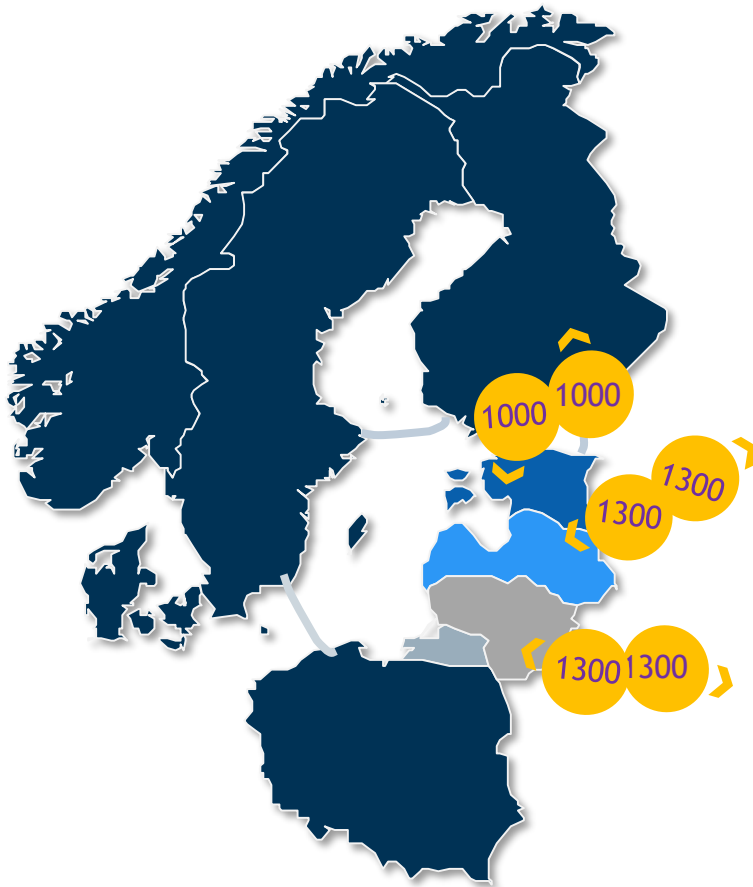


Working synchronously means complete interdependence, like riding a tandem bicycle



Europe's synchronous power systems

The Baltic before and after 2016: from energy island to hub of power flows



The new power interconnections made the change

LitPol Link

Total investment € 580 million



€ 248 m



€ 217 m



€ 115 m



NordBalt

Total investment € 552 million



€ 131 m



€ 210 m



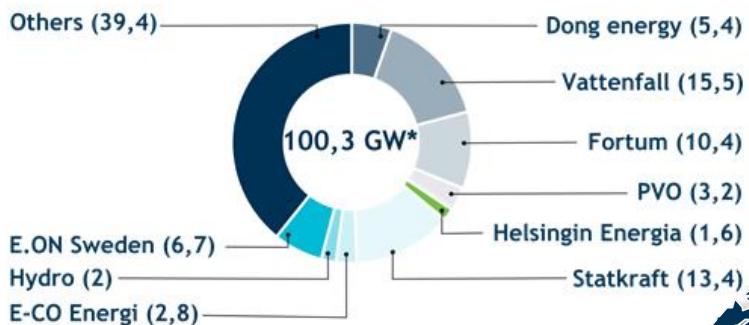
€ 210 m



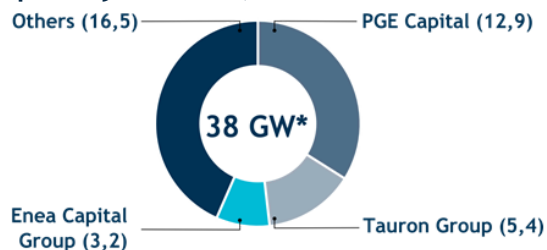
In operation since 2016

Generation in the region: price makers and price takers

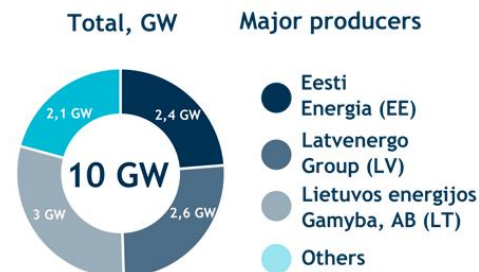
Installed capacity Nordic, 2014



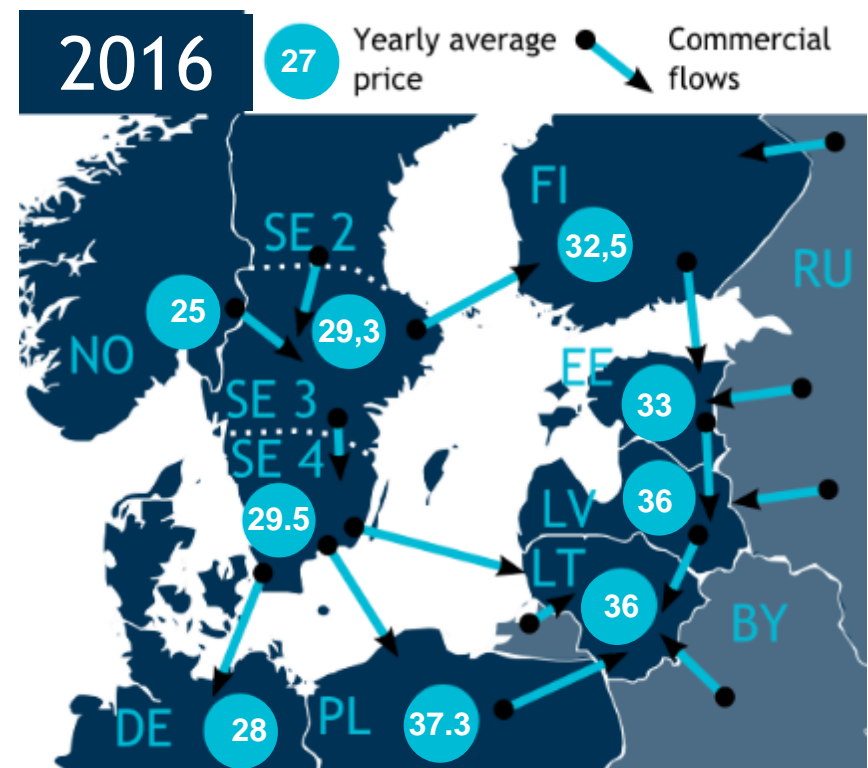
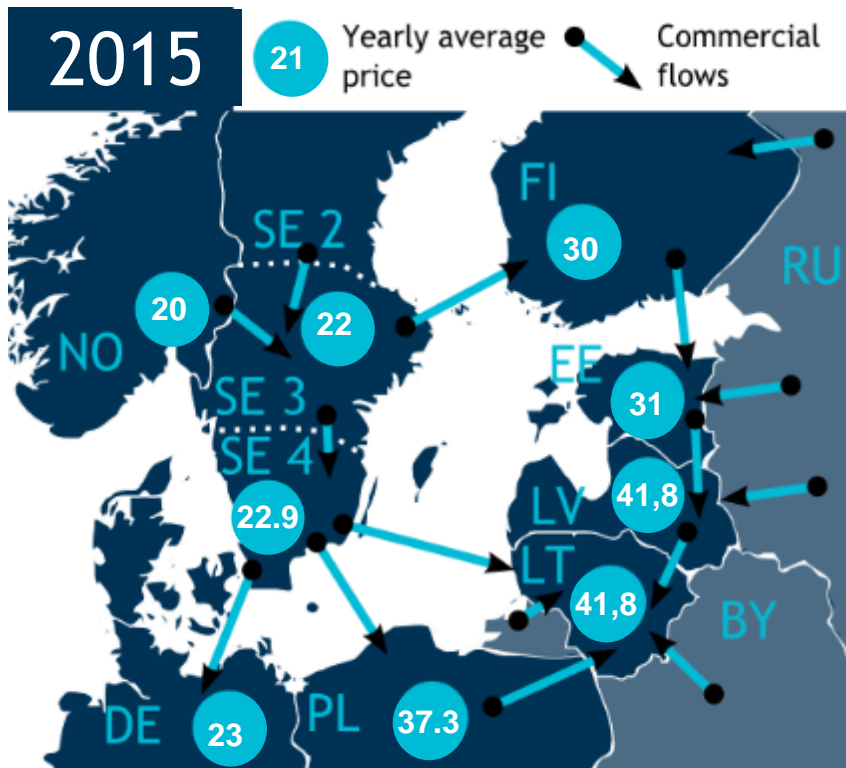
Installed capacity Poland, 2013



Installed capacity Baltic, 2014



National costs, regional benefits



- Less volatile prices on the Baltic-Nordic electricity market
- 13% average price drop in LT-LV in 2016 year-on-year
- Increased system reliability and security of supply

The stakeholders of energy sector: how to balance expectations

Customers



ACER



Paying the
bill

Harmonizing
investment
& subsidies

TSOs



Investing to
grid

Regulating
investment
& subsidies

NRAs



Regional benefits shall best be enhanced
through cooperation of all stakeholders
across Europe

Let's discuss

