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Energy solutions
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German-Polish Cooperation in Energy Sector

Energiewende and Neighbouring Poland

Integrated Energy Plaza
at Hannover-Messe

Andreas Jahn
Senior Associate

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The Regulatory Assistance Project (RAP)®

The Regulatory Assistance Project - RAP

The Regulatory Assistance Project (RAP) is an independent, non-partisan, non-governmental organization dedicated to accelerating the transition to a clean, reliable, and efficient energy future.

We are former utility and environmental regulators, industry executives, system operators, and other policymakers and officials with extensive experience in the power sector. Our team focuses on the world's four largest power markets, responsible for half of all power generation: China, Europe, India, and the United States.

RAP's European office is headquartered in Brussels, with a permanent presence in Berlin and Warsaw.



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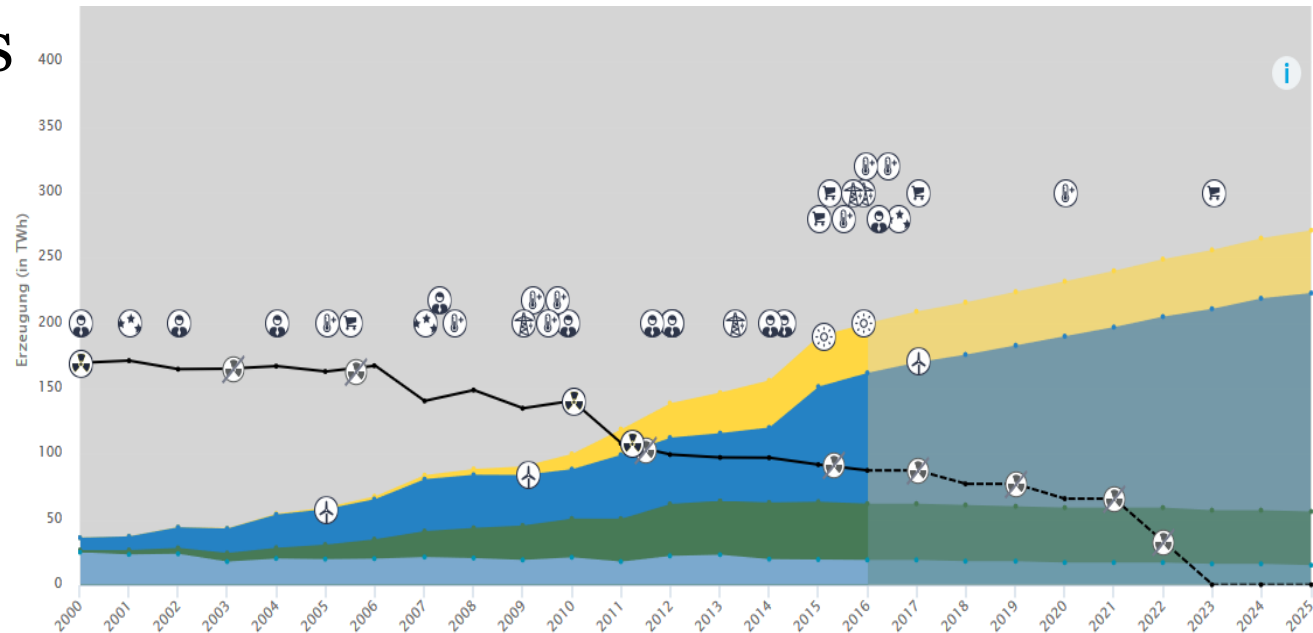
As a senior associate in Berlin, Andreas Jahn focuses on issues relating to the German “Energiewende”, or energy transition, helping develop and advance regulatory options for a carbon-neutral power sector, including demand-side resources and tariff design. He also supports RAP’s work throughout Europe.

Mr. Jahn has extensive experience with power markets and regulation, as well as knowledge of the German national political arena. Previously, Mr. Jahn was responsible for all energy policy and regulatory matters as the Director of Regulatory Affairs at lekker Energy, a German electricity and gas provider. He was also a member of the Federal Ministry of Economics’ task force on legislation to implement grid regulation in Germany.

Energiewende in Germany

Long term targets/support

- nuclear phase-out
- renewables
- efficiency
- emissions



Source: Agora

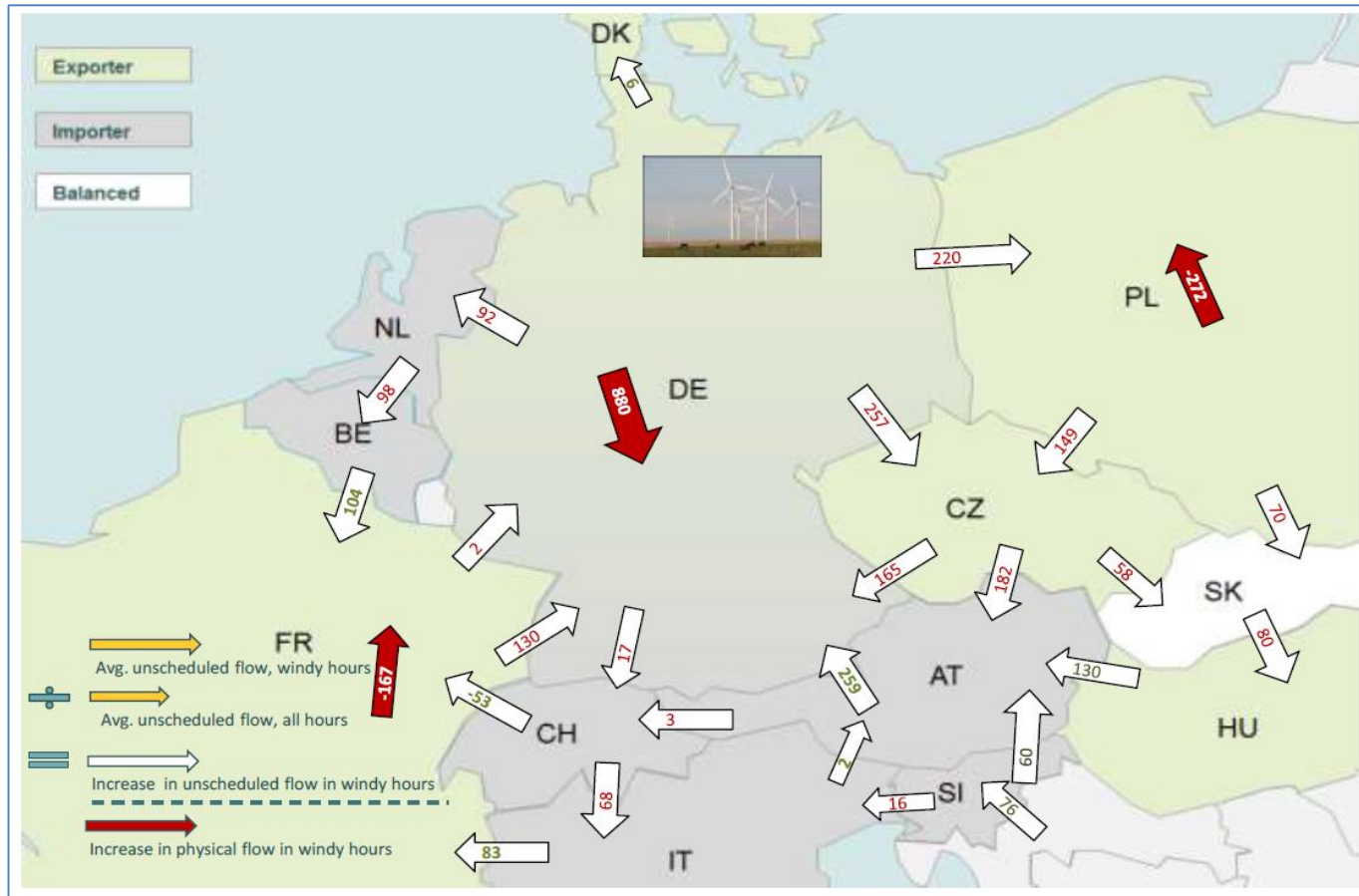
Energiewende in Germany

State of the Art

The focus of Germany's Energiewende is mostly on, renewable energy support scheme, grid extension, market design, but less on emission reduction and on cross border effects

- How does that national focus fit to the common EU-energy market?
- What are the impacts to German neighbours?

Germany: High Wind Feed-in Increases Unscheduled Flows



Source: THEMA Report

Incomplete German Price Signals Increase EU-Market Challenges



Source: THEMA Report

Germany – Poland

Suggestions for Cooperation

- Germany needs to consider impact of its Energiewende and the national bidding zone to Neighbours.
- Enable Poland to rely on active imports/exports with Germany through market coupling.

A common European energy market reduces system costs, even with national energy policies. But it needs a common approach to value the location of resources (supply and demand), e.g. by introduction of locational marginal pricing to increase cooperation regarding flexibility, reliability, and balancing - with benefits to all European consumers.



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About RAP

The Regulatory Assistance Project (RAP) is a global, non-profit team of experts that focuses on the long-term economic and environmental sustainability of the power sector. RAP has deep expertise in regulatory and market policies that:

- Promote economic efficiency
- Protect the environment
- Ensure system reliability
- Allocate system benefits fairly among all consumers

Learn more about RAP at www.raponline.org

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