



Bundesnetzagentur

The role of Bundesnetzagentur in Energy Regulation

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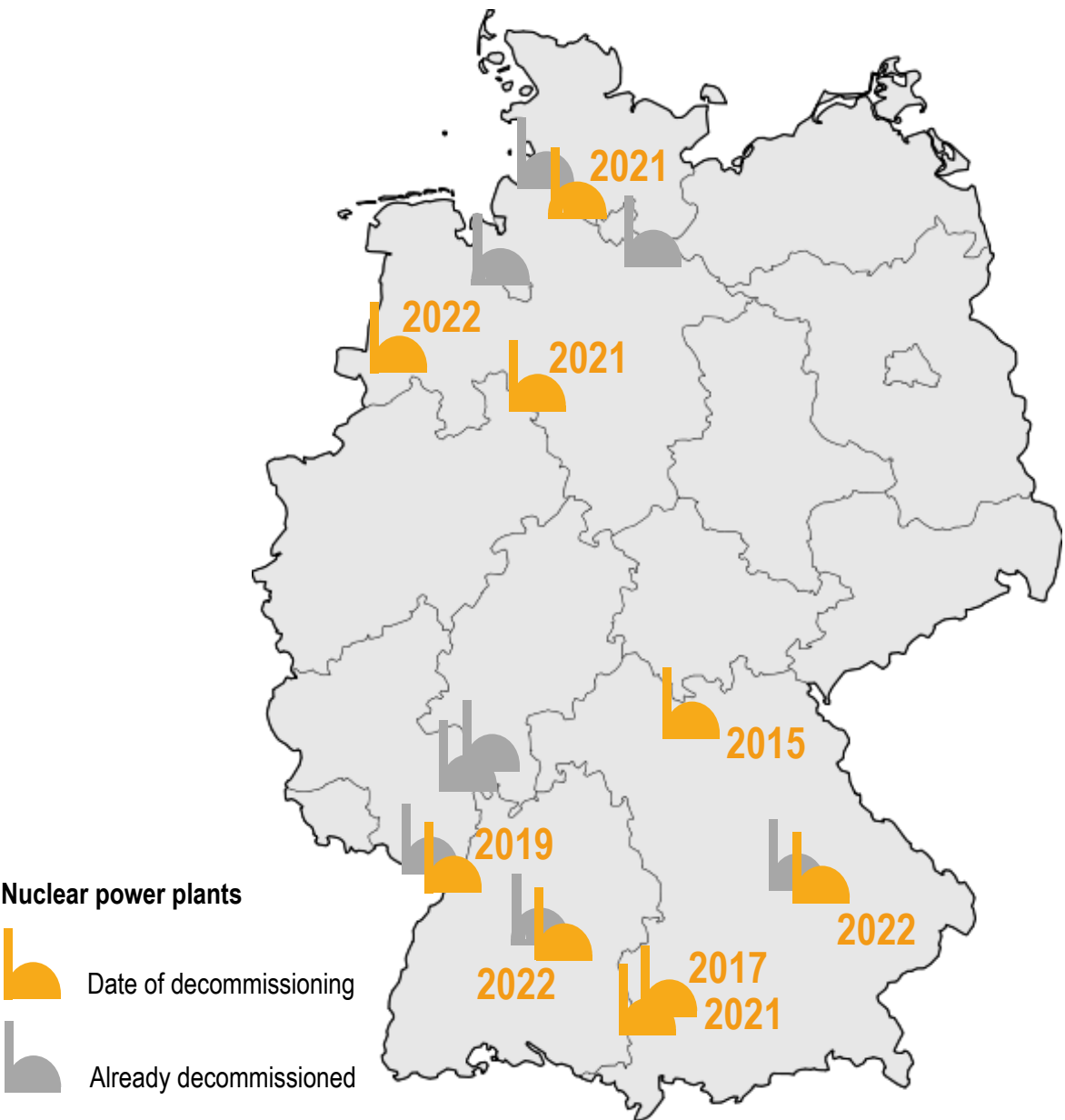
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- Bundesnetzagentur an Independent federal authority in the scope of business of the Federal Ministry of Economics and Technology
 - Independence in decision making through Ruling Chambers, no overruling by Minister
 - If directives from Minister = must be published!
 - Transparency and accountability
- **A GRID Regulator...**
 - **Ensure effective competition** in the net-bound sectors **Telecommunications and Posts** (since 1998), **Elec. and Gas** since 2005), and **Railways** (since 2006)
- **...But not only**
 - Now a new competence Electricity and Gas **network planning** (since 2011)
 - 240 new staff



Energiewende: Changes in German energy mix



- 35% share of renewables in electricity consumption in 2020
- Nuclear phase-out by 2022
- **Grid reinforcement and expansion urgently needed**





Renewable energy
sited mostly
in Northern Germany
(esp. wind)

Conventional and
nuclear generation
sited mostly
in Southern and
Western Germany,
as well as most of
(industrial) load



- The German energy turnaround and its challenges:
 - Continue to ensure the grid security
 - Ensure the development and expansion of the grid construction
 - Integrate rapid expansion of renewables: 80% share in electricity generation by 2050
 - Control the electricity price increase (EEG Surcharge)
 - Ensure coordination with neighbors on all new issues



Thank you for your attention

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