



Powering the Transition: How a German Utility Builds the Energy System of the Future

Westenergie AG · Dr. Robert Denda · 19 October 2026

Westenergie: E.ON's leading energy service and infrastructure provider

e-on

Westenergie in Figures (as of Dec 31, 2025)



~1.600 Concessions



~9.500 Employees



~1,44 € bn yearly Investments



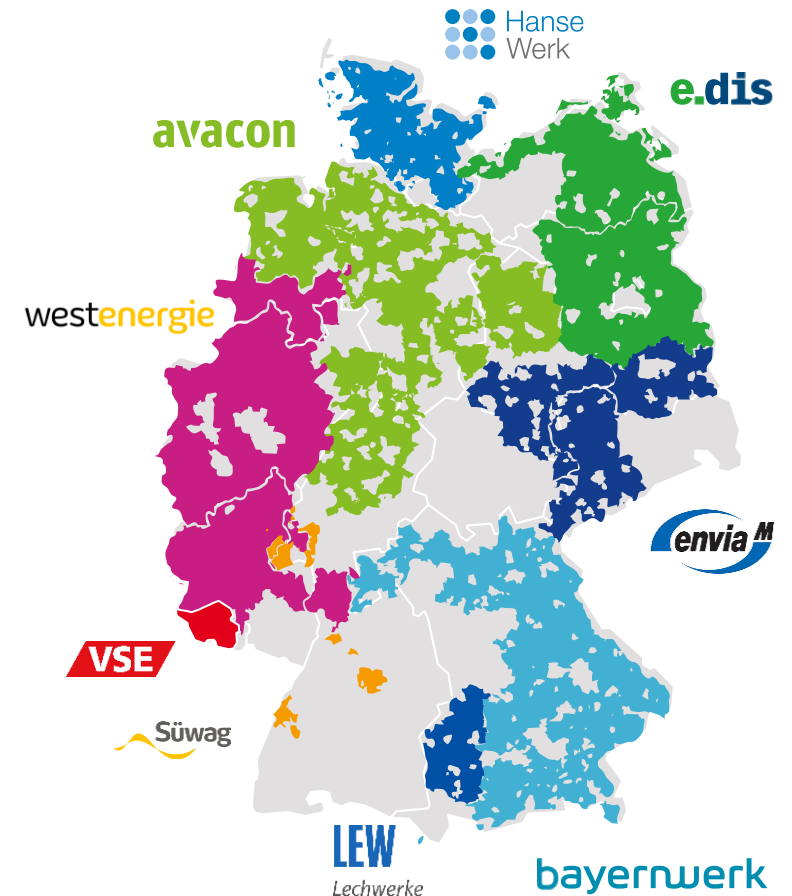
~187.700 km Electricity Grid



~33.000 km Gas Grid

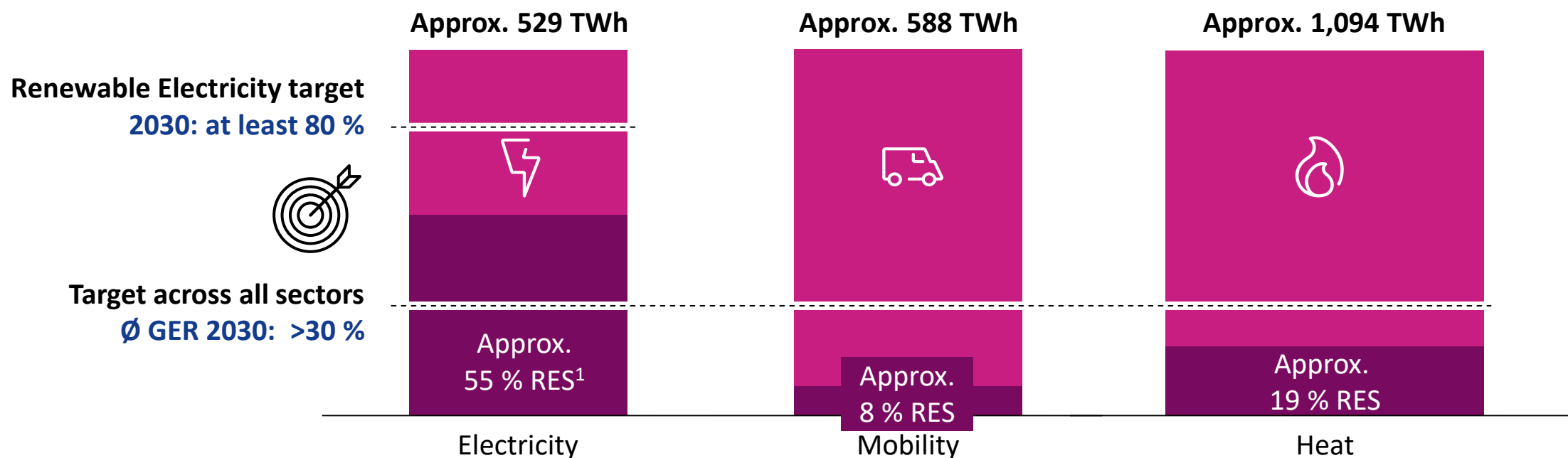


~7,3 M Electricity | ~4,2 M Gas | ~1,5 M Water
People served



Electrification is becoming the driving force of the energy transition

Energy Transition in Germany



As transport and heating become increasingly electric, demand for grid capacity continues to grow.

¹ RES = Renewable Energy Sources | Source: AGEE-Stat/German Environment Agency (Umweltbundesamt), data as of February 2026

Our Strategic Pillars



**Acceleration of
Customer Connections**

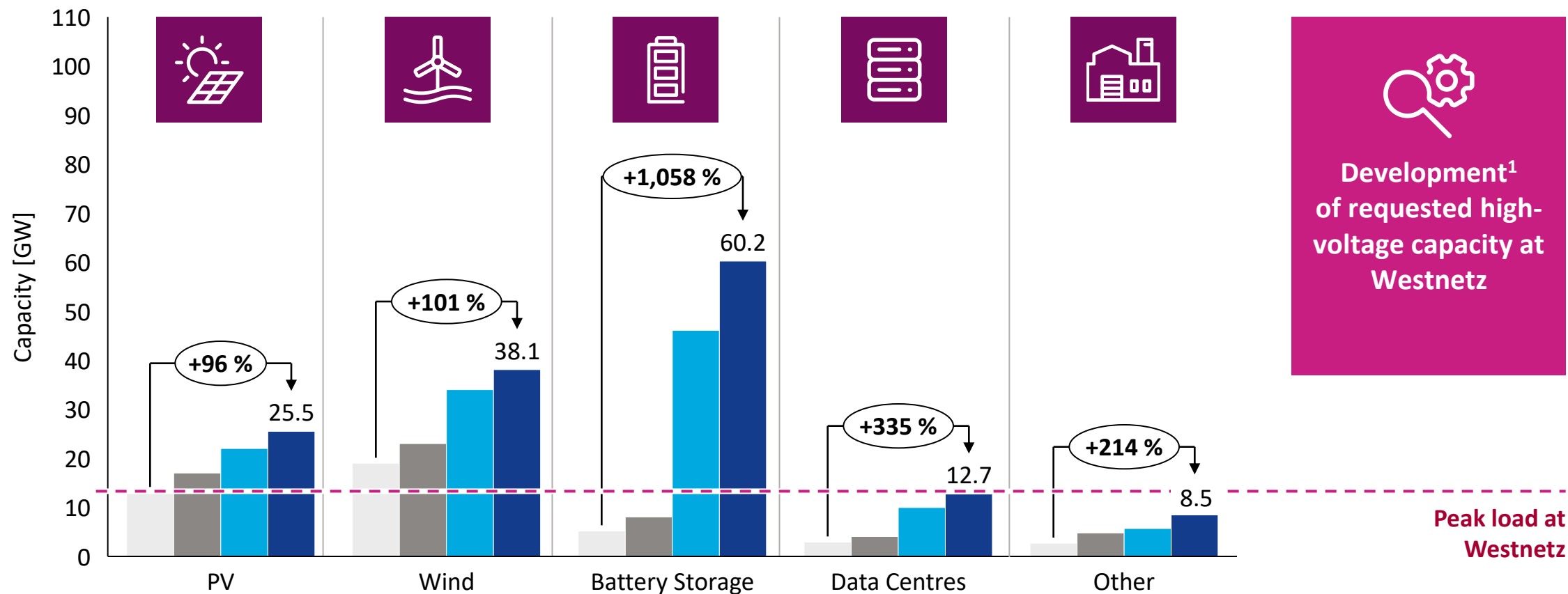


**Digitalization and
Efficiency Boost**



**Resilience and
Security of Supply**

Increasing pressure for accelerated grid expansion

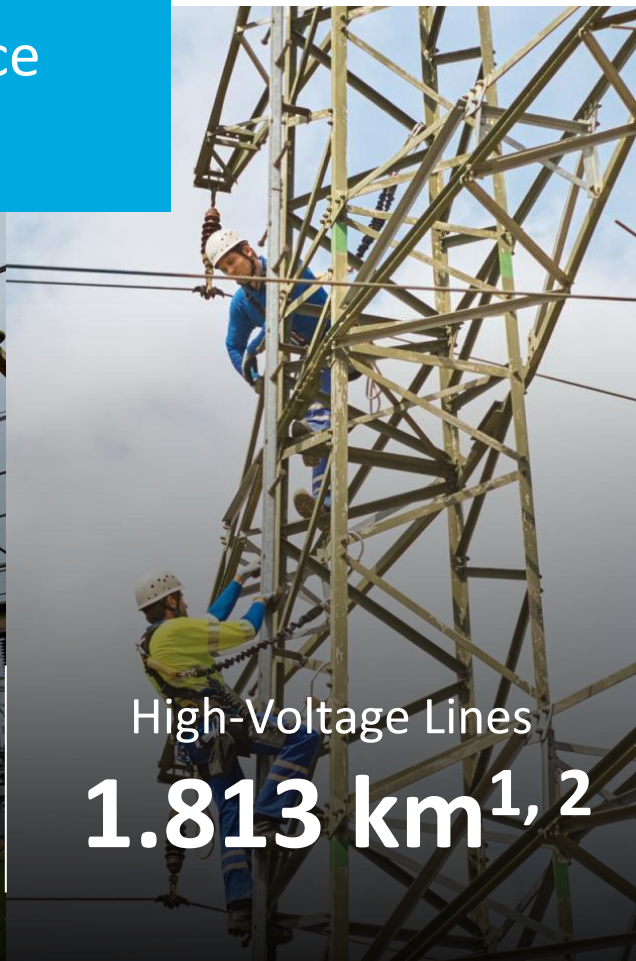


¹ Reference date: June of each year | 2023 2024 2025 2026

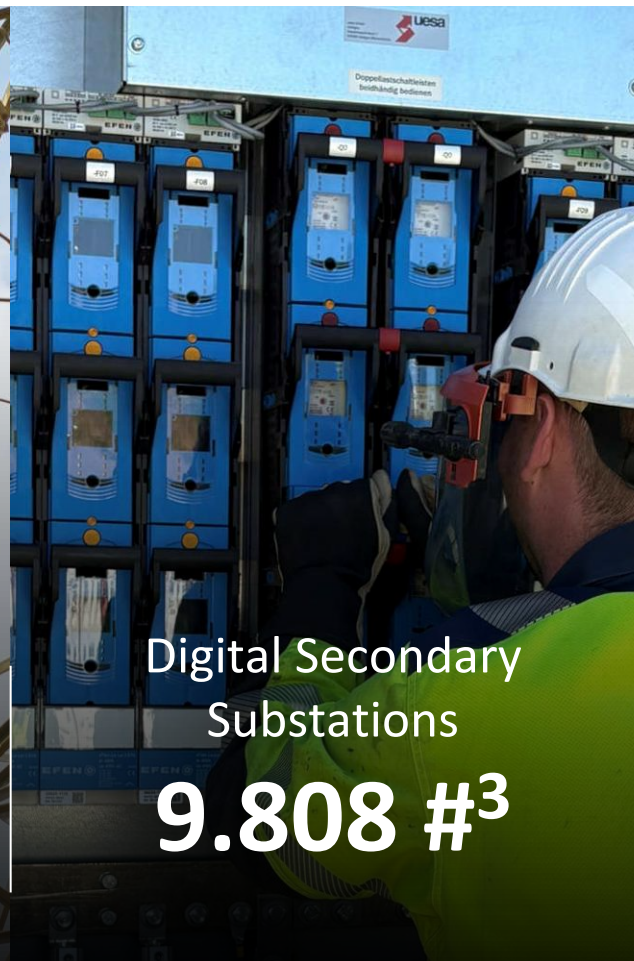
Our expansion plan
until 2028 for more
grid performance
and Security



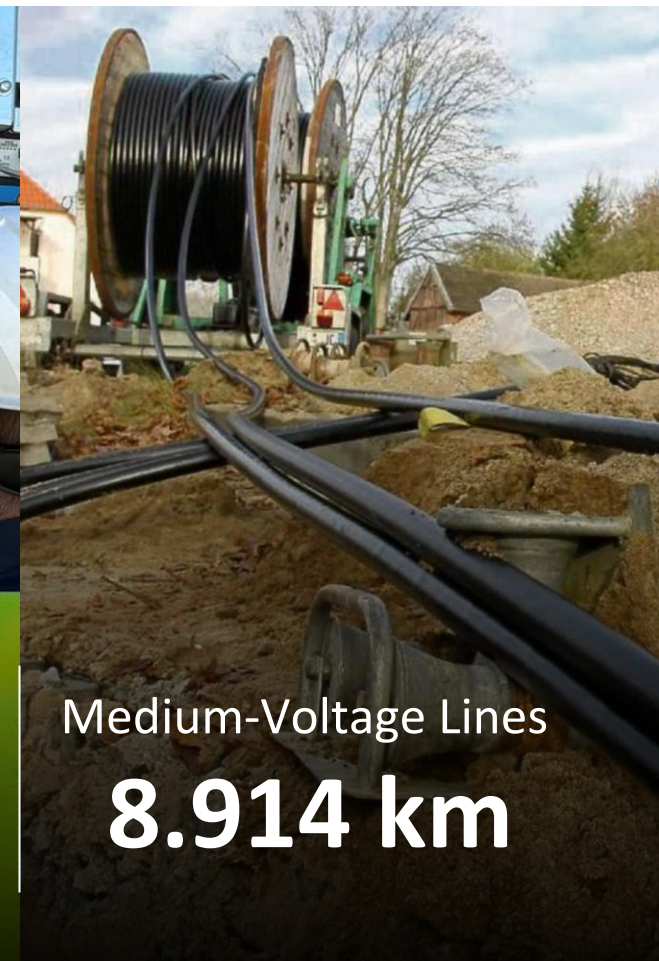
Substations
254 #¹



High-Voltage Lines
1.813 km^{1, 2}

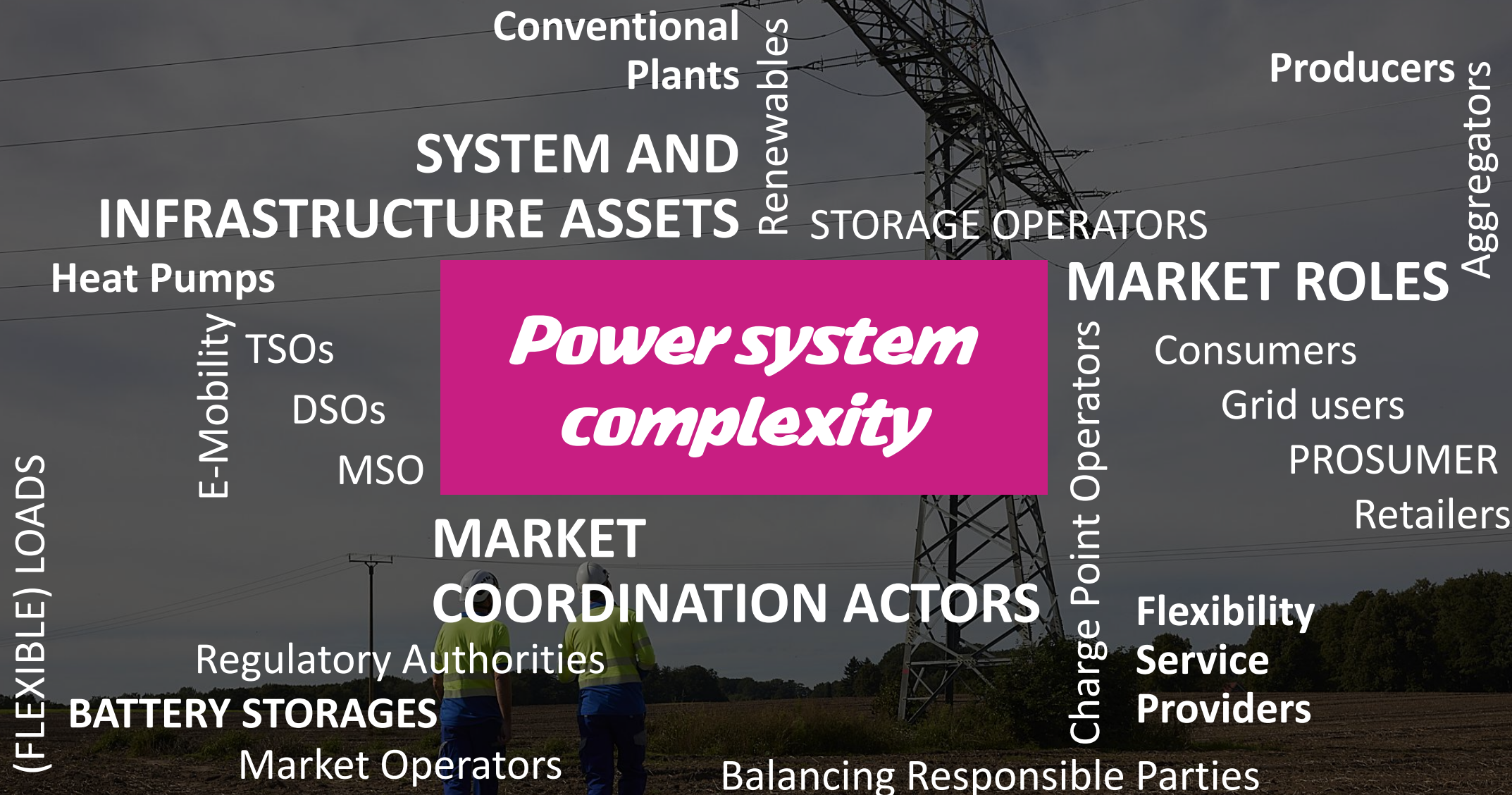


Digital Secondary
Substations
9.808 #³



Medium-Voltage Lines
8.914 km

Cumulative construction volumes 2024-2028 | ¹ Projects at existing assets and new builds | ² In accordance with the Federal Network Agency (BNetzA) definition (overhead lines = route kilometers, cables = circuit kilometers); based on the Grid Expansion Plan (NAP) 2024 | ³ Digital Secondary Substations controllable / low voltage observable (incl. retrofit)



Fit for the future

Initiatives for a Digital and Future-Ready Energy System



Digital Substations

- Our grid digitalization program: Achieving **100% observability** and **40% controllability** across the service area over the coming years



Smart Meter

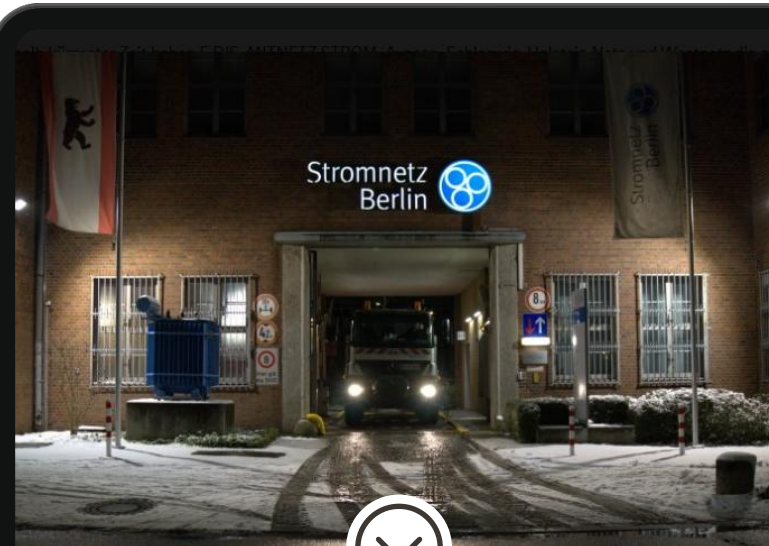
- Accelerated completion of the mandatory Smart Meter rollout



Processes and Systems

- Enhancing **data quality** and building relevant **data science skills**
- **Maintaining high standards of data security**
- Transforming the IT-Landscape and **leveraging AI in business processes**

The energy transition requires resilient infrastructure



Fire Attack on the 3rd of January 2026

Approx. **45,000 households** affected by power outage

Ahr Valley Floods (2021)

Approximately **5% of the Westnetz service area** was affected by flooding

Up to **700 Westnetz employees** deployed in response



Germany and Japan:

Shared Challenges, Shared Opportunities



Decarbonization of industrial economies



Energy infrastructure and grid expansion



Skilled workforce and demographic change



Resilience and energy security



Digitalization and innovation

Learning from each other to accelerate the energy transition.

west**energie**

Thank you!