

When digital meets energy and transport

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• The energy sector is being transformed

• Market liberalization and unbundling

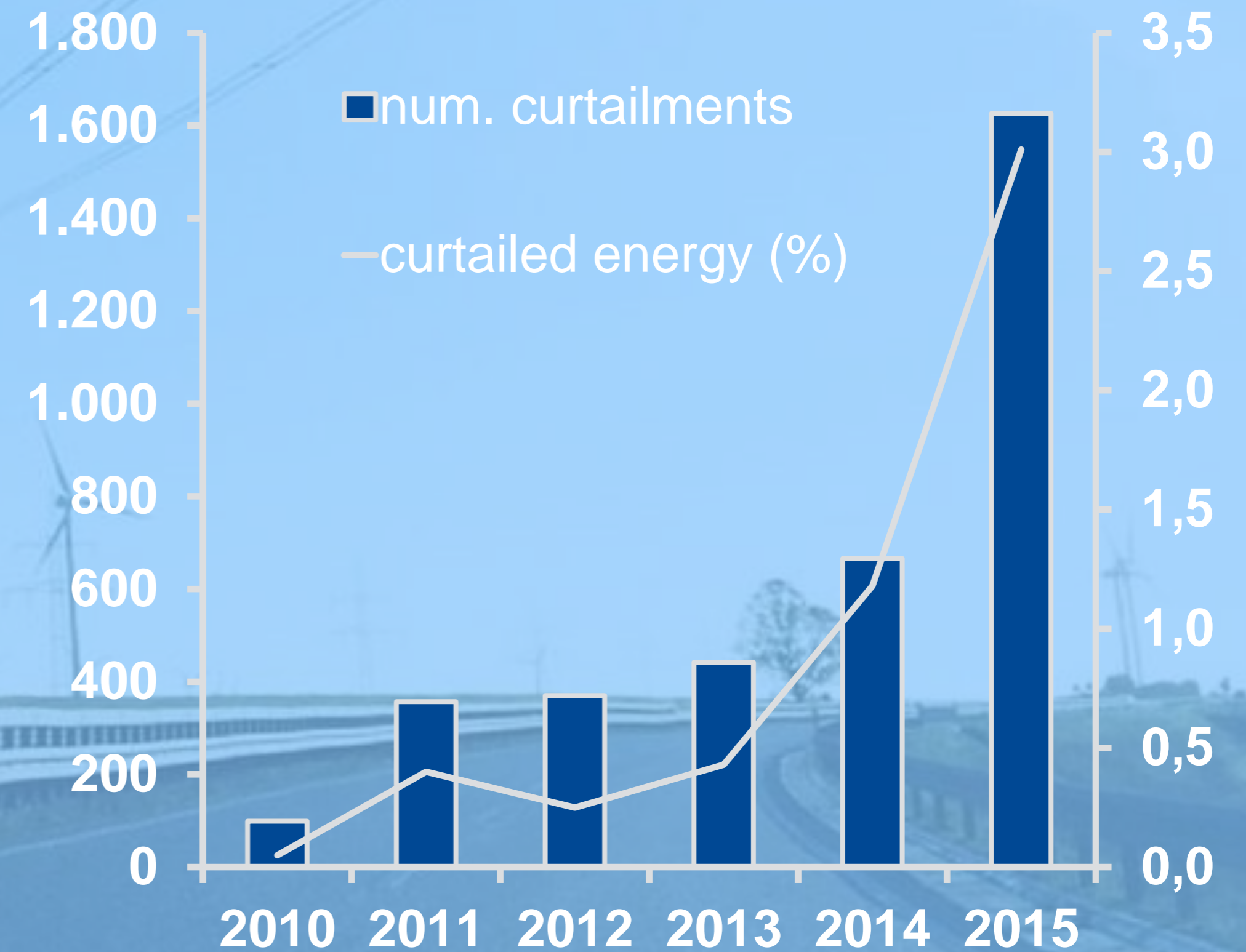
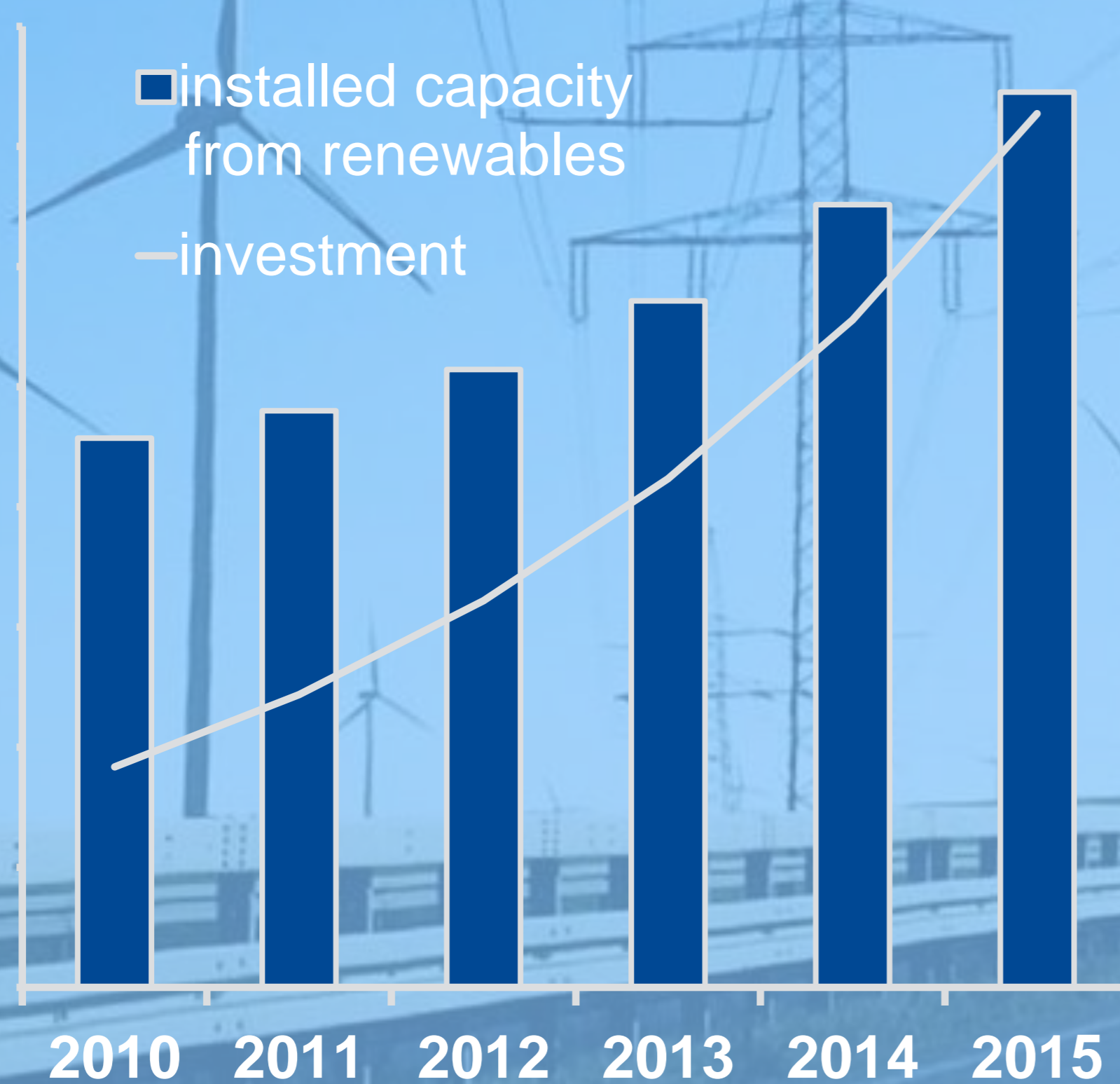
• Centralized to decentralized generation

– Switch to renewable energy

• Consumers to prosumers

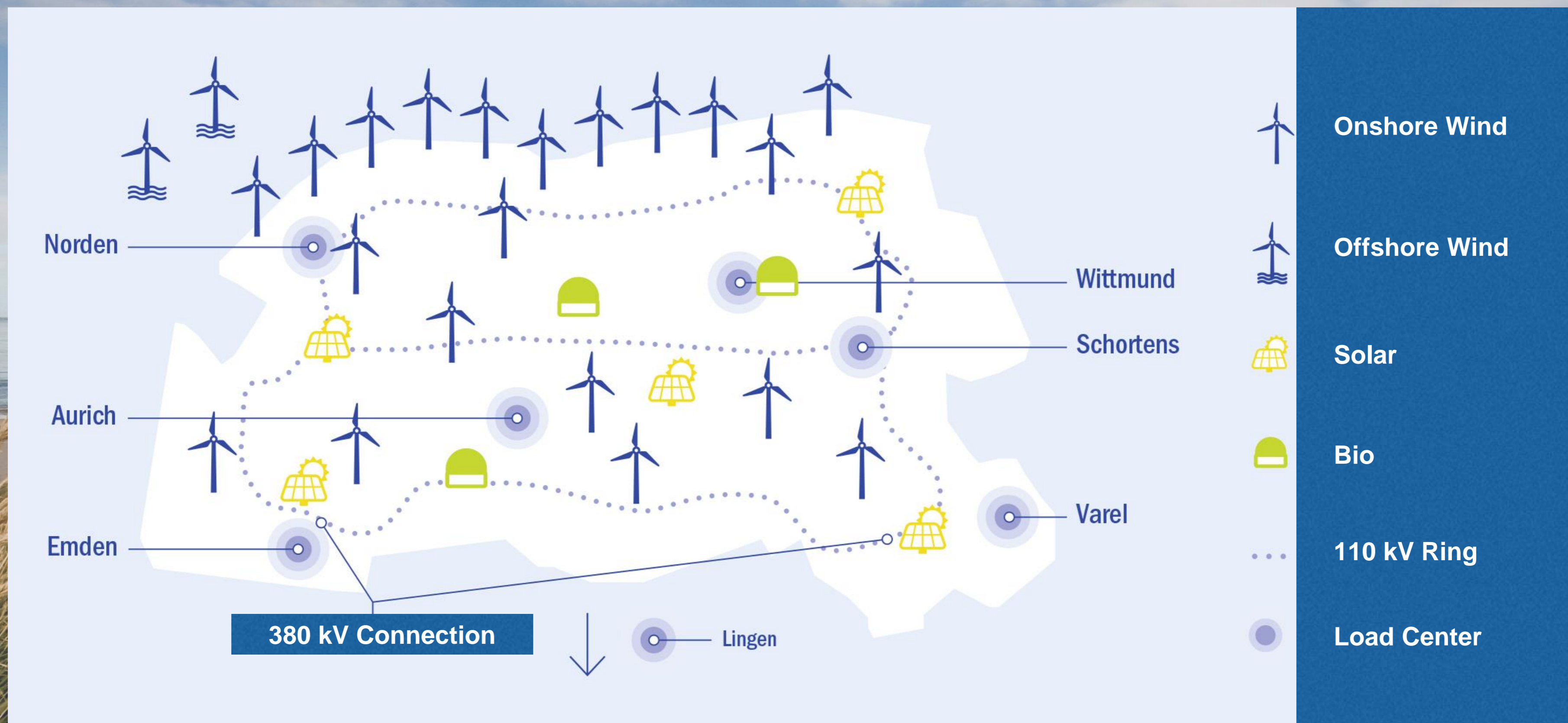
• Driving forces: digitalization and de-carbonization

• Curtailment not just a theoretical problem

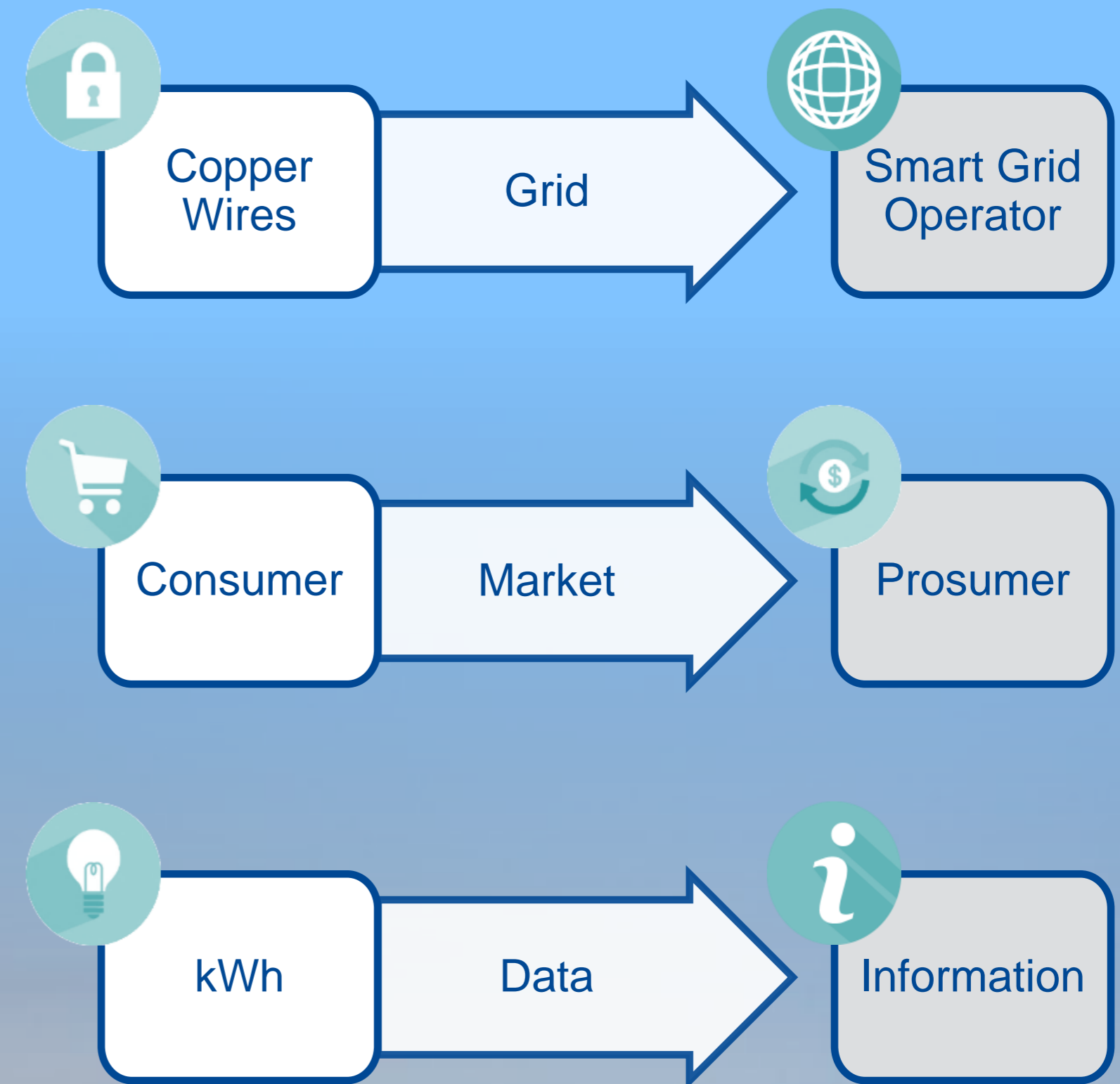
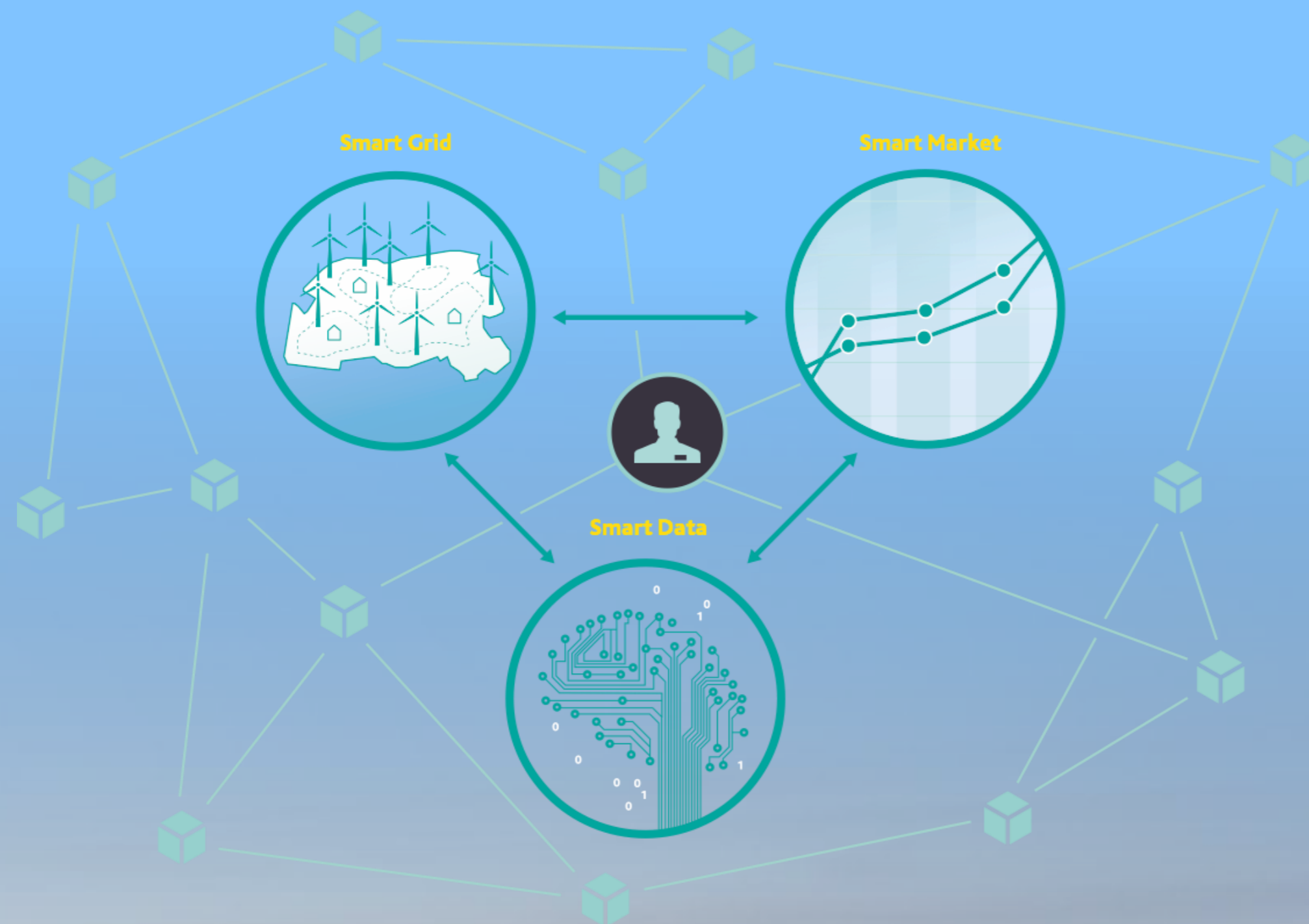


Source: EWE NETZ

The enera demonstration region reflects the energy supply of tomorrow



Interplay between grids, markets, and data



A light blue electric car is parked on a city street, being charged with a yellow coiled cable. The car is the central focus, with the charging station and cable in the foreground. The background shows a blurred city street with trees, buildings, and a white van. The overall scene is bright and sunny, suggesting a clear day.

• The coming electric revolution

think big

start small

act fast



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