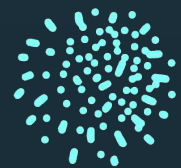


There's power flexibility in residential devices. We'll help you harness it.

Flexcon 2024 | 27 September 2024



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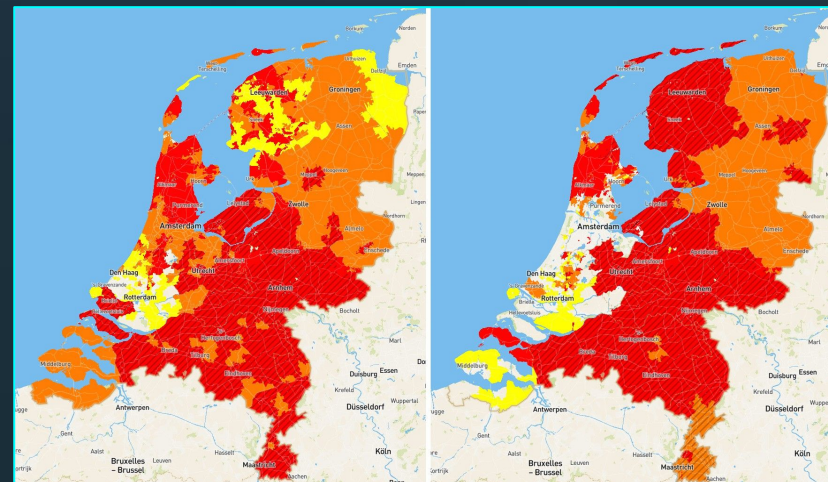
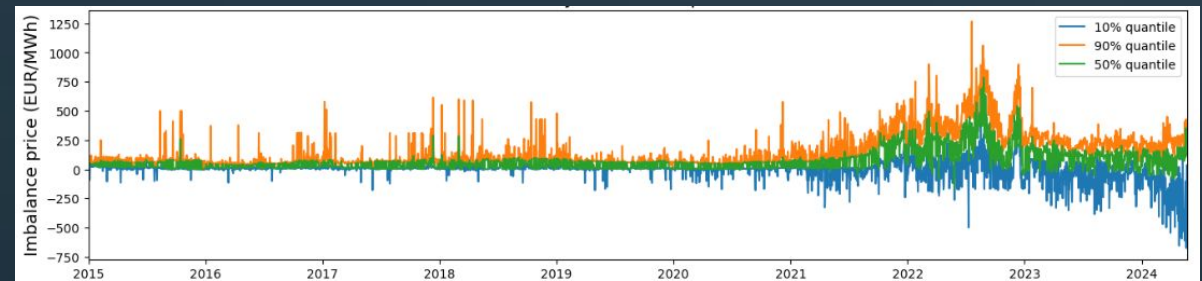
Quiz time

What is the value of 1 kW of flexibility per year in the energy system of 2030?


Energy system stresses result in a value of € 170 / kW flexibility / yr to capture

<p>Energy procurement & Ancillary services €80 /kW/yr</p>
<p>Avoided transmission and distribution investments €45 /kW/yr</p>
<p>Avoided Generation capacity €45 /kW/yr</p>

Accessible Value (2030)



Introduction: why residential flexibility matters



Efficient Power System



- **Huge value pools** becoming accessible
- **Cost-effective 'idle capacity'** rapidly growing in residential segment
- If done well...bring **full power system value to end-consumer**



Future Proof Technology



- Capture flexibility **value at all levels** of the power system
- **Coherent optimization** across TSO, DSO, BTM
- **Interoperable technology** to operate GridOps, DERMs

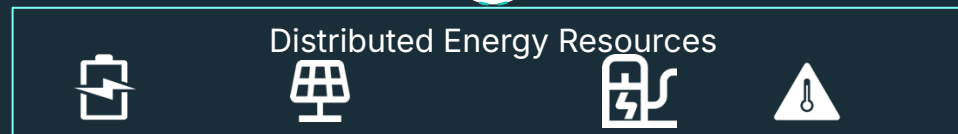
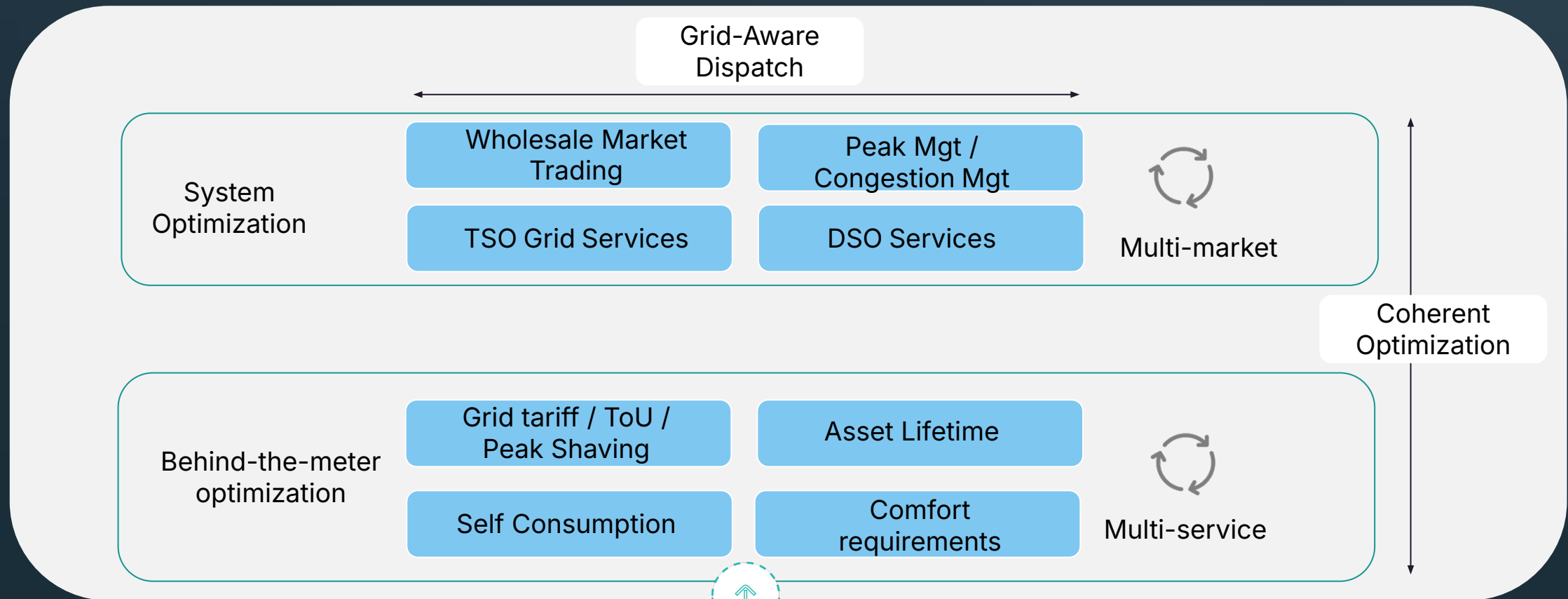


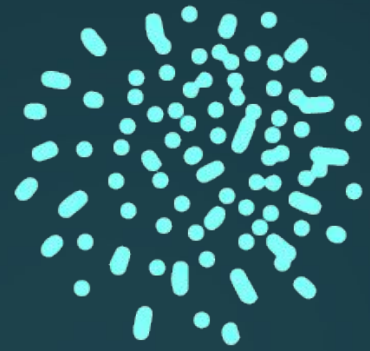
Consumer Centricity



- **Customers as partners** in the energy transition - "beneficiaries rather than victims"
- **Automated and seamless** background experience
- **Simple and transparent** incentives

With electrification and distributed generation, coordinated optimization and grid-aware, reliable dispatch become key





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