Implementation of Aggregation Business Models in Europe
Selected Experiences

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Introduction

Rising shares of distributed generation are having a profound impact on **European electricity markets.**

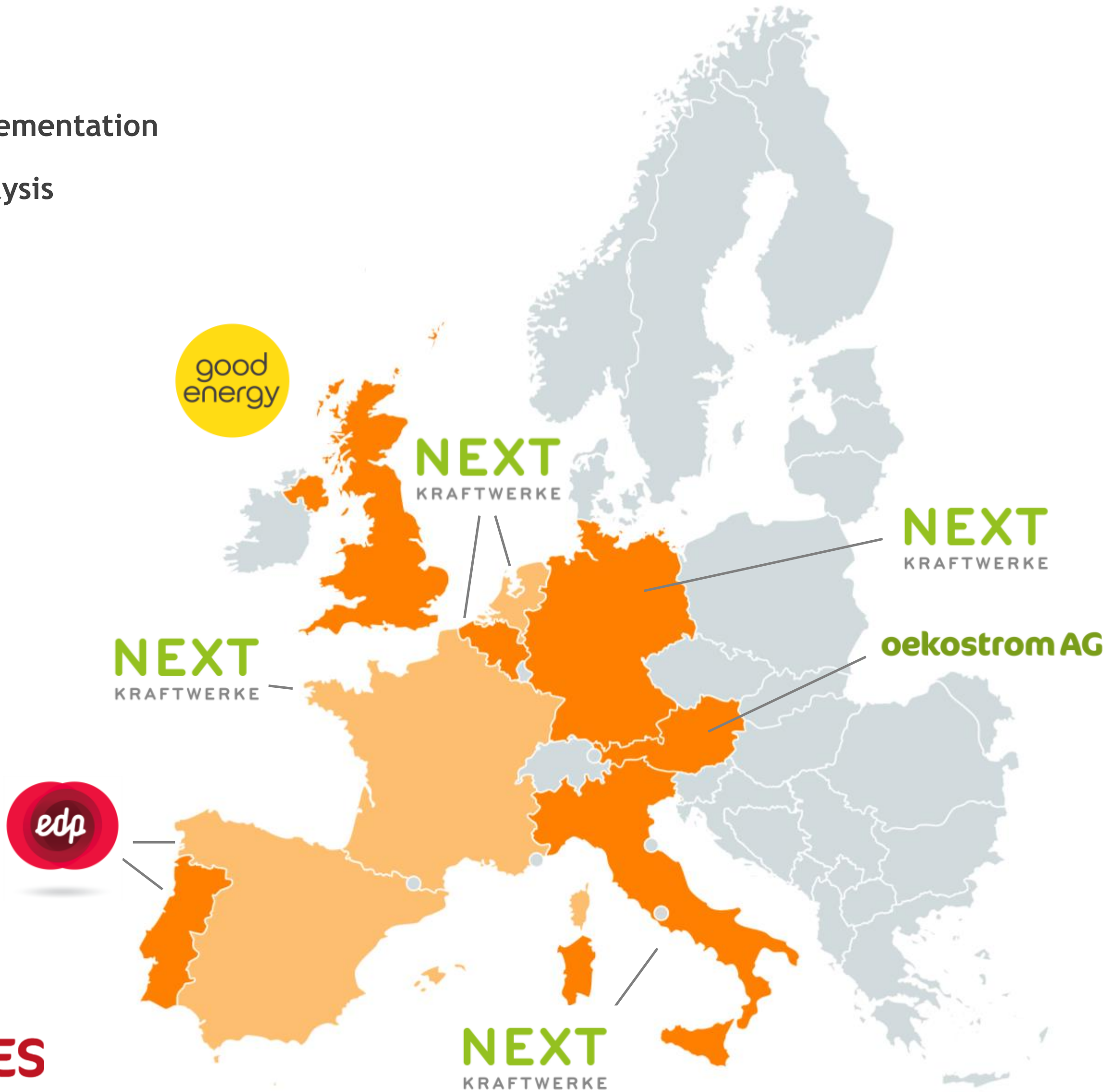
Aggregation of **renewable energy sources** in a **combined portfolio:**

Optimised Market Participation

BestRES: Real-life implementation

Direct implementation

Market analysis



BestRES

FOSS
Research Centre for Sustainable Energy

Selected experiences

CENTRALI NEXT

Trading power from renewable energy sources on short-term markets

Next Kraftwerke Germany in Italy

NEXT KRAFTWERKE

Supplying mid-scale customers with time variable prices including peak-load optimisation

Next Kraftwerke Germany in Germany

oekostrom AG

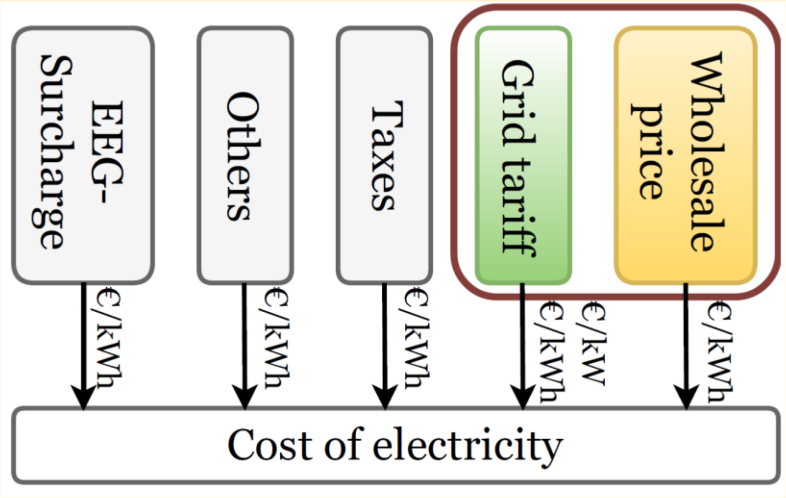
Demand side flexibilisation of small consumers

oekostrom in Austria

Business models for industrial consumers

Next Kraftwerke Germany (Germany)

Supplying mid-scale consumers with time variable prices including grid tariff optimisation



Business models for industrial consumers

Next Kraftwerke Germany (Italy)

CENTRALI NEXT

Trading power from renewable energy sources on short-term markets

- Monitoring, control and forecasting
- Adaptation to the Italian market
- Imbalance optimisation

Business models for household consumers

oekostrom in Austria

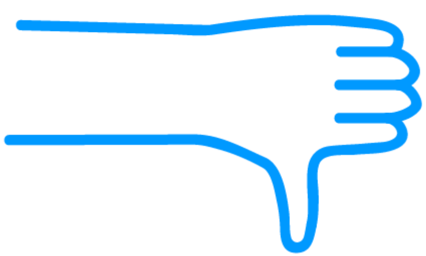
oekostrom AG

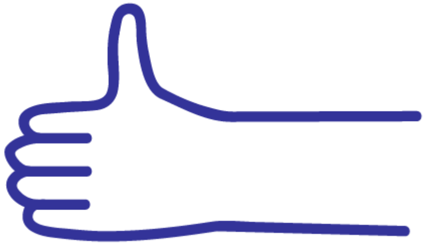
Demand side flexibilization of small customers

- Dynamic prices
- Data consent, communication and quality
- Customer retention

Best Practices and Lessons Learnt

Next Kraftwerke Germany (Germany)	NEXT KRAFTWERKE
Next Kraftwerke Germany (Italy)	CENTRALI NEXT
oekostrom (Austria)	oekostrom AG





Conclusions

- Customer Acquisition
- Value Proposition
- Software and Hardware
- Revenue and Implementation
- Regulatory Barriers

Thank you

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