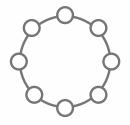


NEXT KRAFTWERKE

The role of Virtual Power Plants in an increasingly decentralized energy sector



ENERGIEWENDE MEANS DECENTRALIZATION

Decentralization means the world needs Virtual Power Plants

SMALL PARTS FORM THE NEXT BIG THING

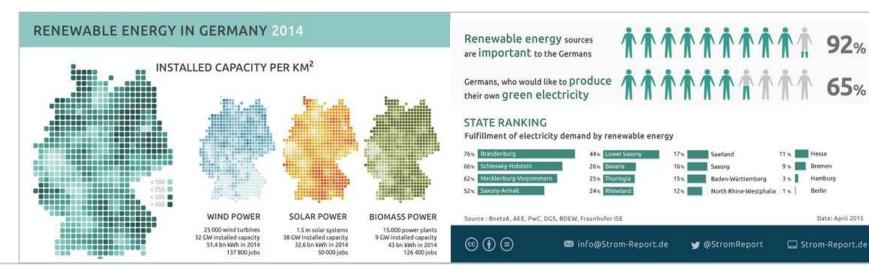
2000: 1,000 renewable energy power plants

2016: >1.5 million renewable energy power plants

Almost 50 % are owned by (groups of) individuals!

A VPP provides energy security most efficiently:

- It digitally aggregates the capacity of distributed units,
- controls them smartly
- and ensures that supply and demand are met at all times.





Date: April 2015

Strom-Report.de

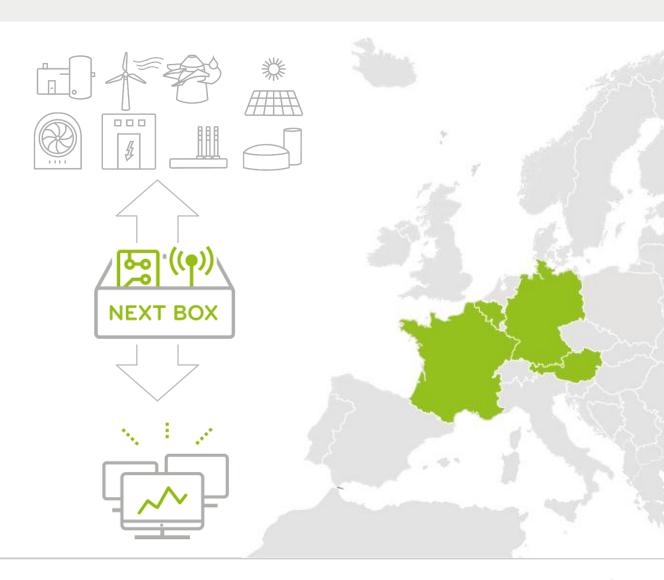
Being digital: Thinking in bits and watts

We are a digital aggregator of decentralized power producers & consumers through M2M communication

3,000 UNITS IN FIVE COUNTRIES, 2,000 MEGAWATTS

LINKED VIA THE REMOTE CONTROL UNIT NEXT BOX

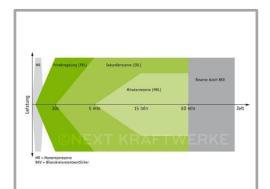
CONTROLLED BY THE CENTRAL CONTROL SYSTEM





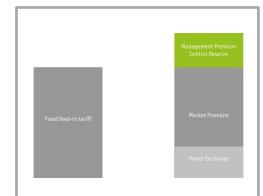
BEING FLEXIBLE: PREPARED FOR WHAT COMES NEXT

How to utilize the flexibility of renewables



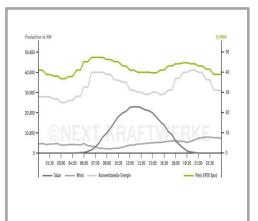
Control Reserve

Stabilizing the grid and keeping the grid frequency at 50 Hertz.



Services

Optimal trade with remote-controlled units within the Market Premium Model.



Power Trading

(Short term) trading of power to use the units flexibility profitably.



DIGITAL, FLEXIBLE, SUSTAINABLE

THE GOAL Making 100% renewable energy possible

THE PATH Digital, flexible, sustainable

THE STATUS One of the largest Digital Utilities in Europe

THE TEAM About 100 employees with a broad academic background

CONTACT Hendrik Sämisch/ Jochen Schwill

Founders & CEOs

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