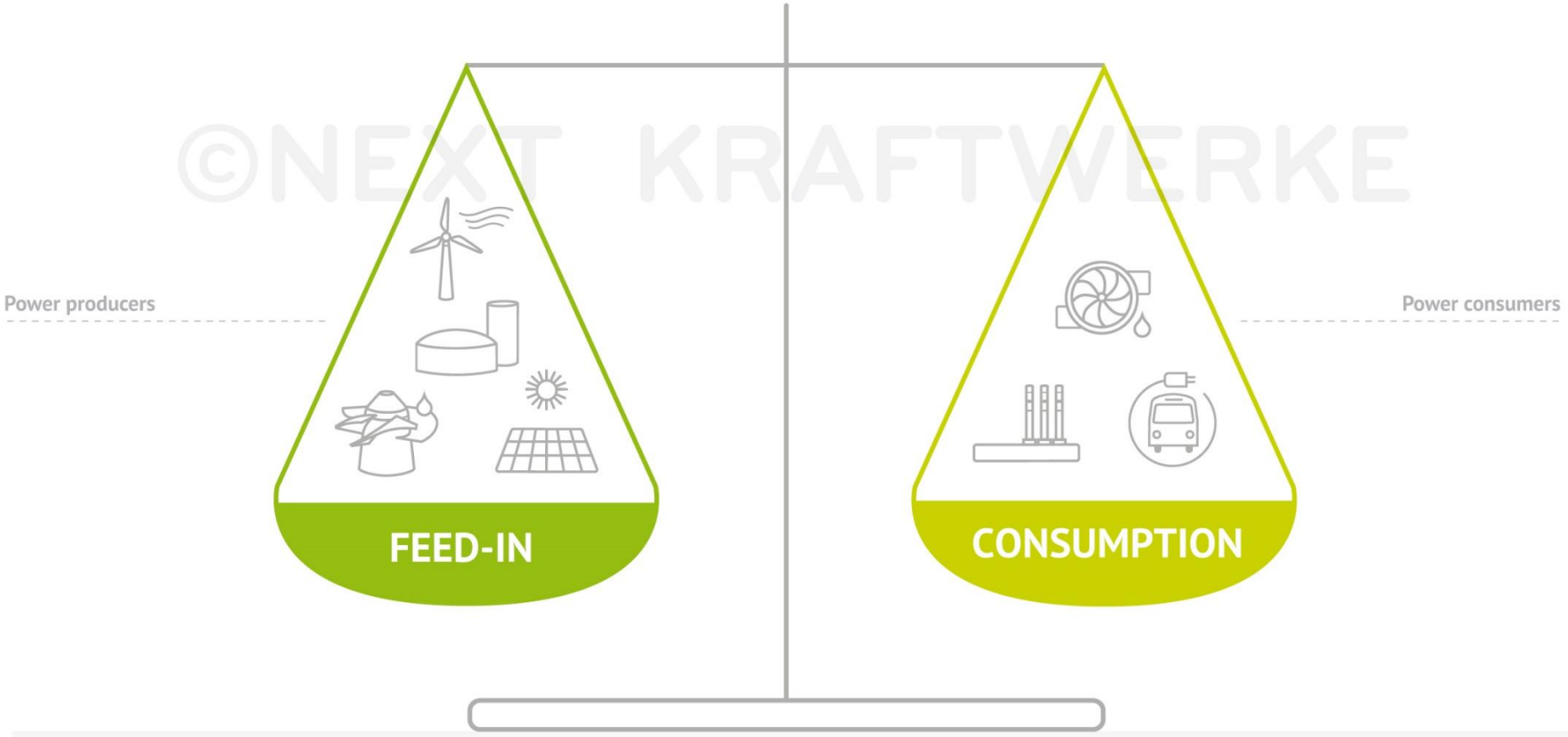
Aggregation

for a transition to 100% renewables

REKK Energy Futures, November 11th 2020

A stable grid is a balanced grid

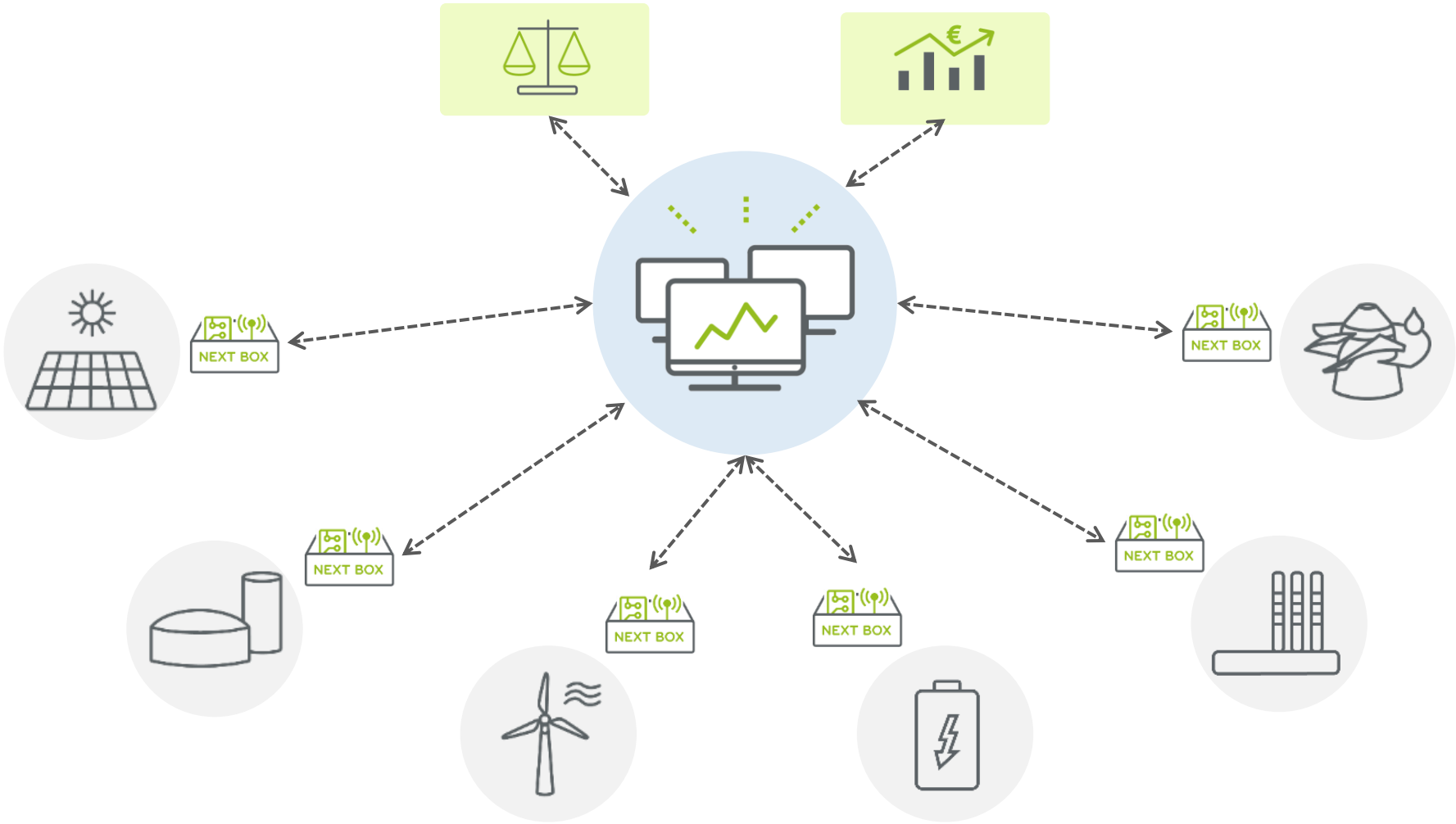


The energy transition requires us to do things better

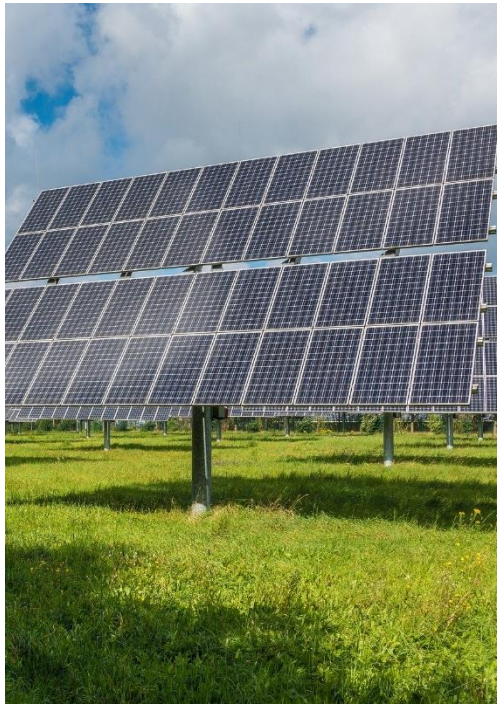
Renewables and demand can be part of the solution...

... thanks to digitalisation

A digital utility: The Virtual Power Plant



Digitalisation allows aggregation

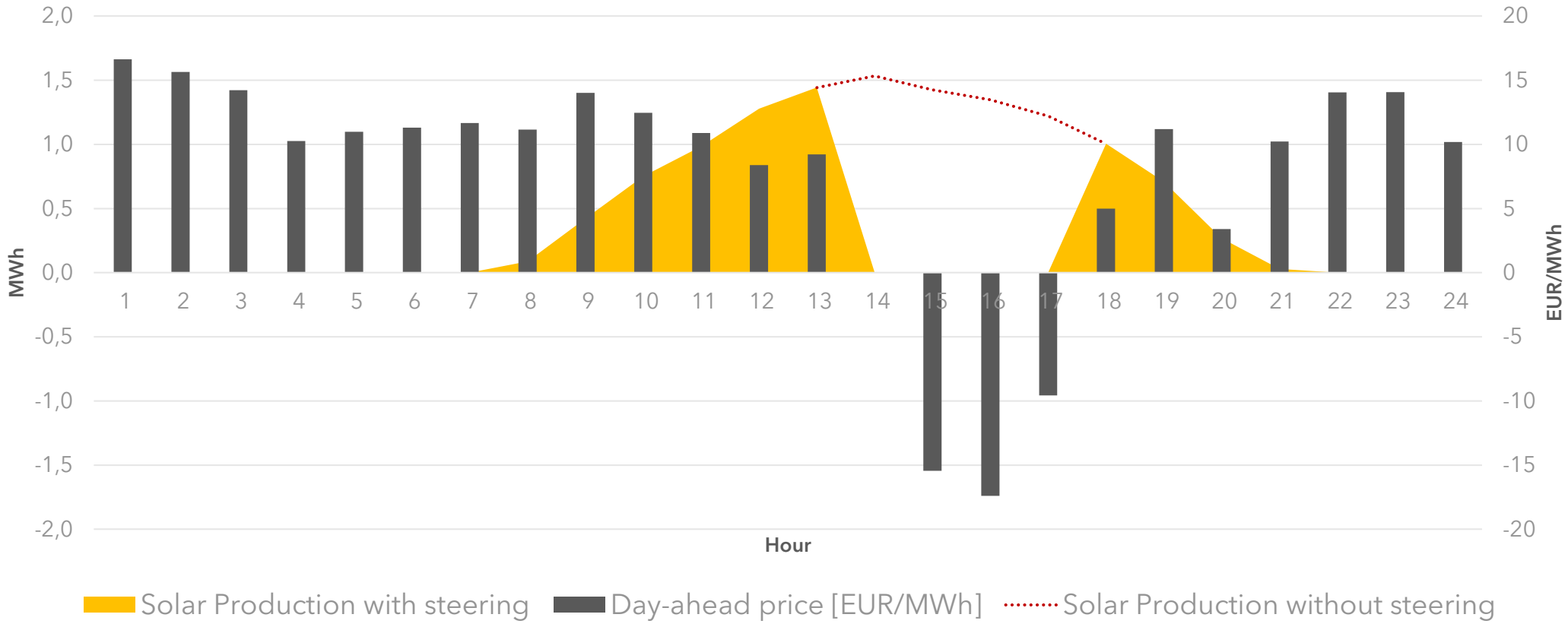


Managing a growing solar portfolio

Better monitoring, hence, decision making

Possibility to steer the plant on prices or for balancing

Steering a solar plant

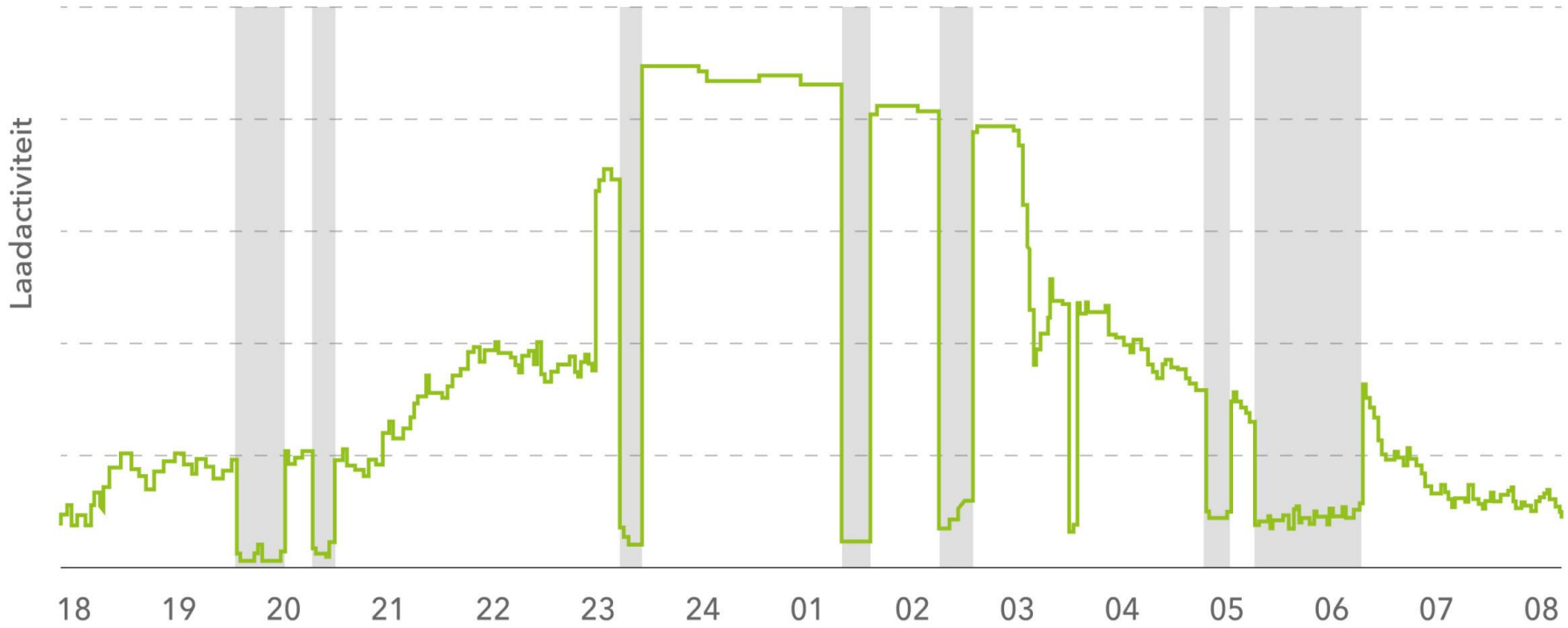


Unlock demand response

Create or enhance revenue streams and support the grid

Respect technical and economical constraints; minimal impact on business operations

Reserve power with EVs



The power of many

- More than 9000 assets connected
- Aggregated capacity of 8.5 GW
- Of which 3 GW solar

Conclusions

Thank you for your attention!

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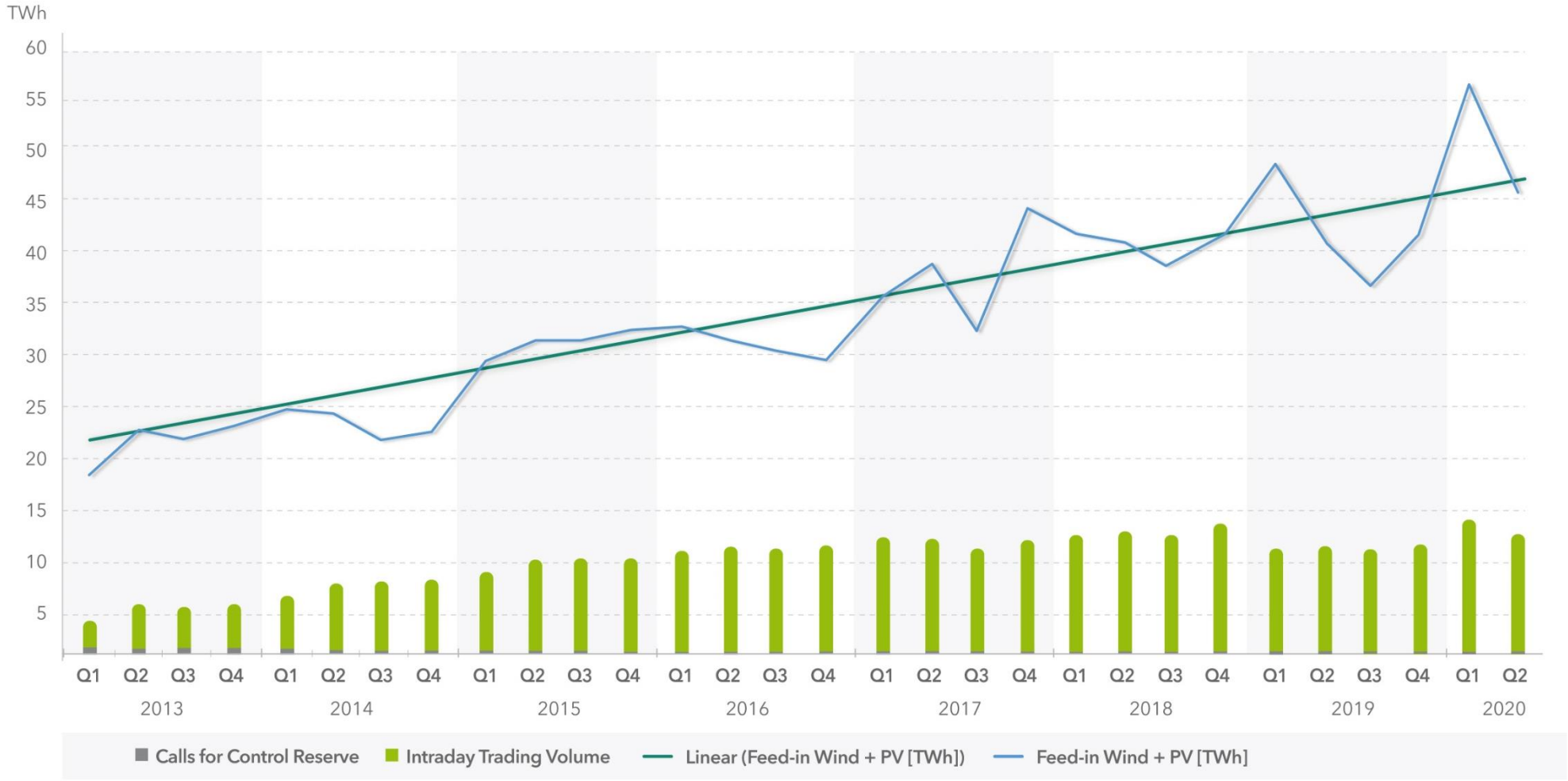
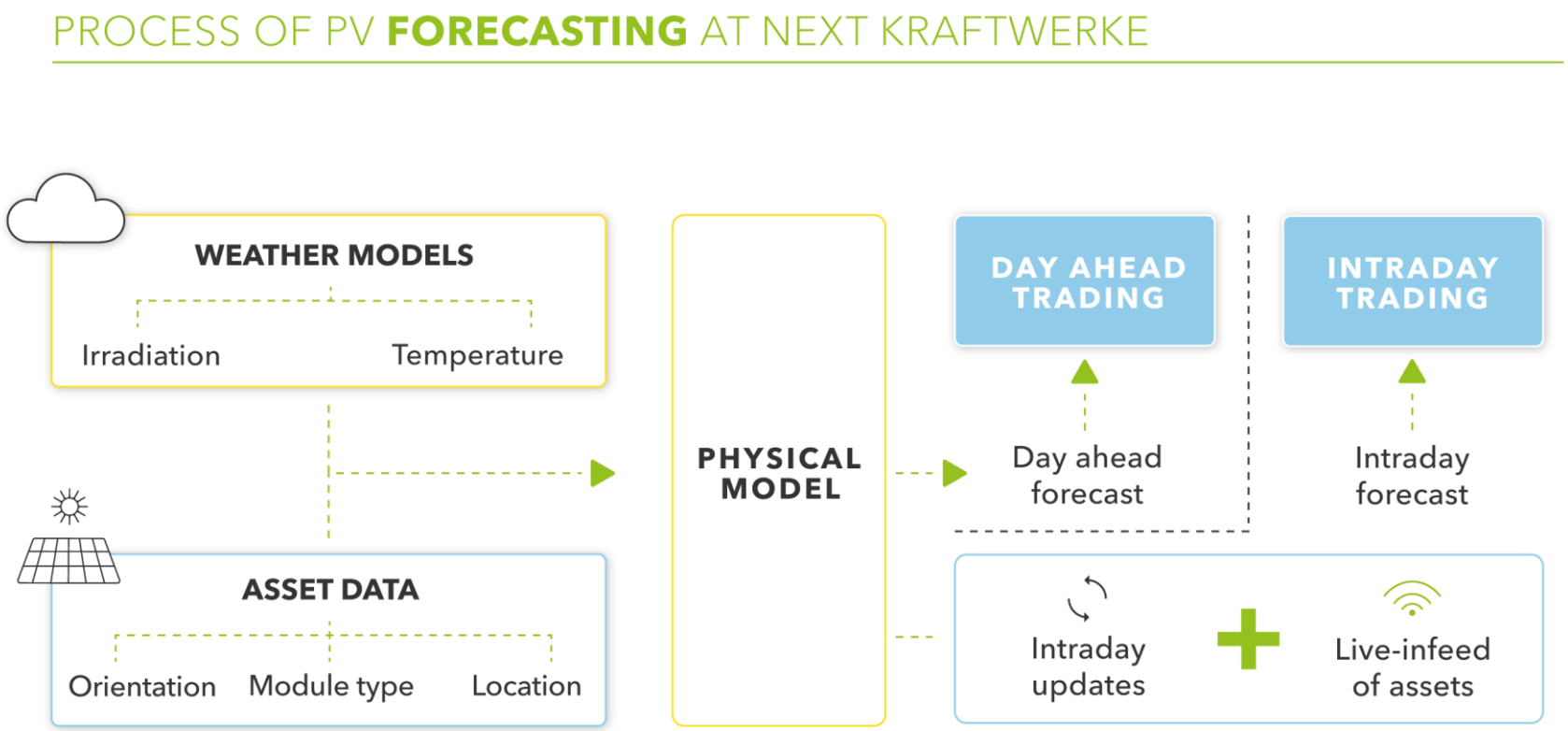
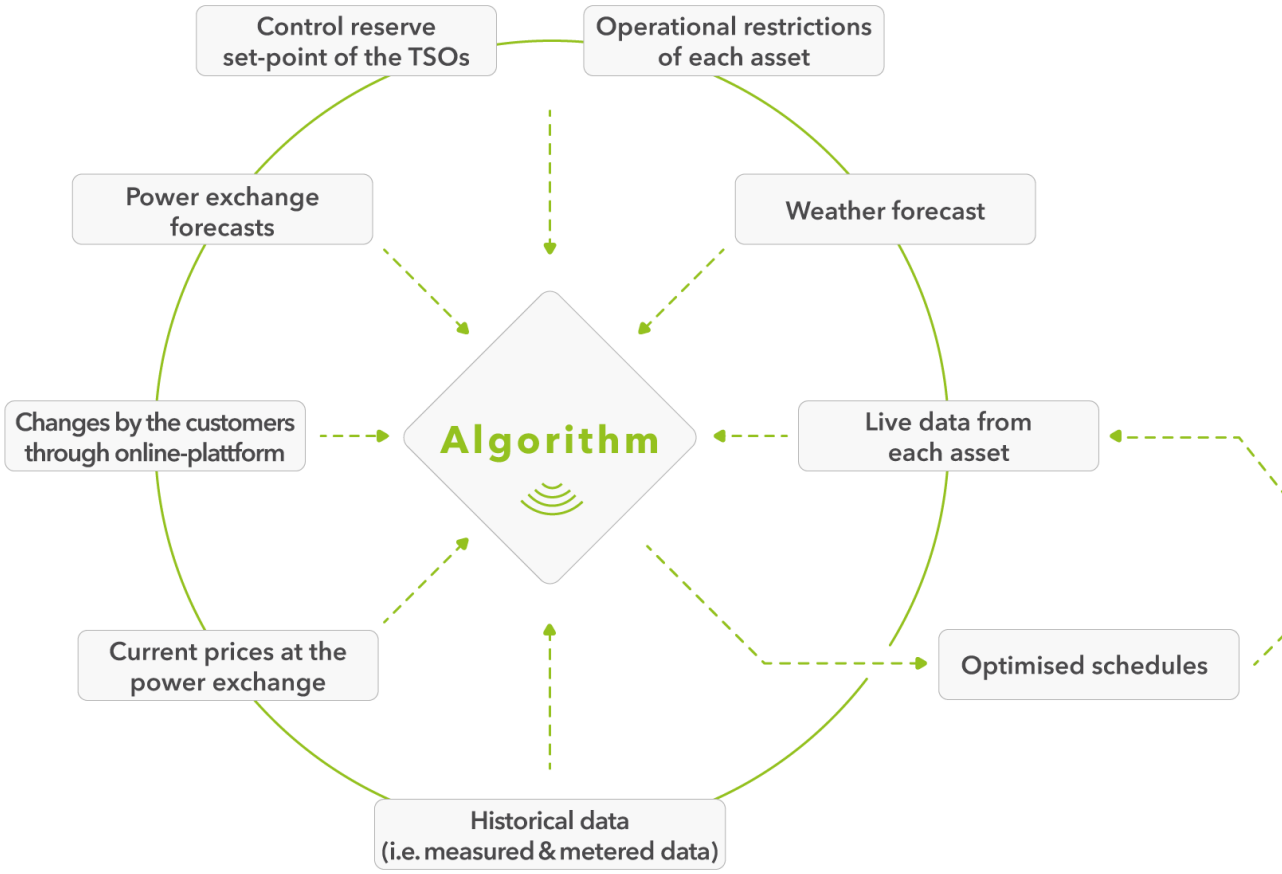
Yes, it does make a difference!



Solar forecasting approach



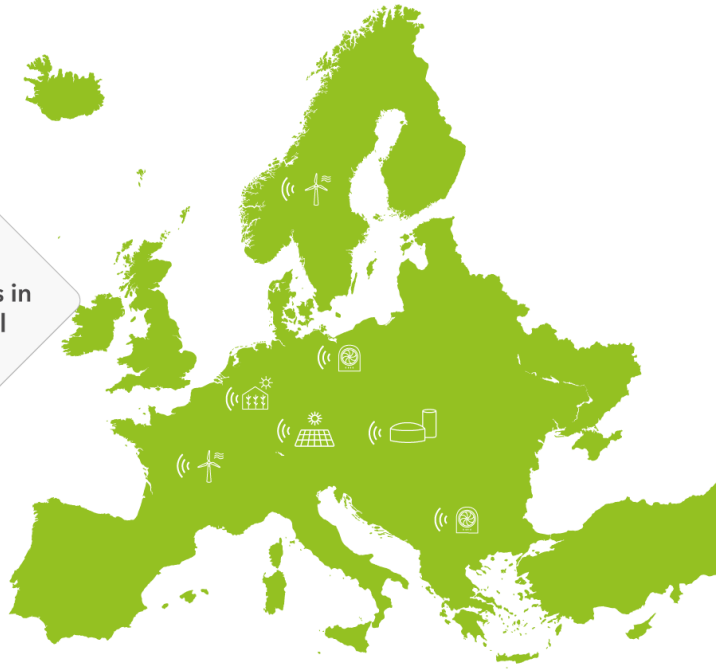
Energy expertise and innovative technology



Experienced markets & trading team

Performant and secure virtual power plant infrastructure

Proprietary control box and control system



NEXT KRAFTWERKE IN A NUTSHELL

Aggregator, electricity supplier, Balancing Responsible Party (BRP) and electricity trader

NEXT KRAFTWERKE

- Founded in 2009
- BRP services and flexibility on all markets:
  - System services
  - Short term electricity markets
- Largest Virtual Power Plant (VPP) in Europe
  - > 9000 units connected
  - > 8,5 GW in our Next pool
  - ~160 employees
  - >1,5 GW R1/R2/R3
  - Traded volume (2018): 15,1 TWh
  - Sales (2018): 628 million

ACTIVE IN THE FOLLOWING COUNTRIES

- Germany (2009)
- Austria (2013)
- Belgium (2014)
- France (2015)
- Poland (2016)
- Netherlands (2016)
- Switzerland (2016)
- Italy (2017)
- UK (trading operations, 2018)

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