



InnoGrid 2023

‘Between urgency and energy transition: getting the balance right’



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Story of DSO challenge & solutions

Grid Capacity 1890 - 2040

Glitre Nett area (Norway)*

- Today's peak capacity is above **1000 MW**
- Connection requests between **1000-5000 MW**
- Represent **5X** increase
- Building grid takes time

Effekbruk MW Agder

5000

4000

3000

2000

1000


0

agder energi 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030

Reconfigure
the grid

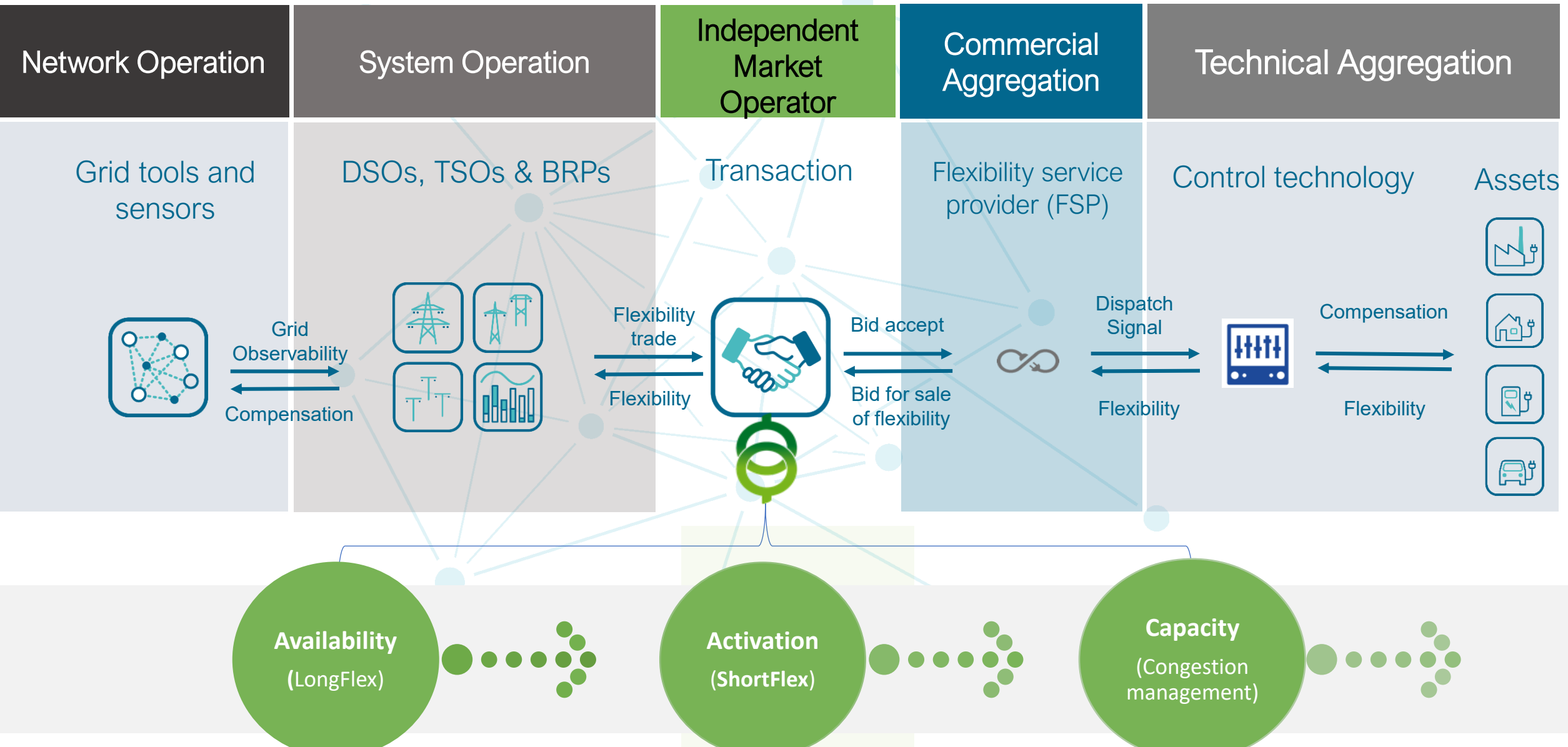
Tariffs & bilateral
agreements

Flexibility
markets

*Reference  **Å ENERGI**



New digital flexibility value chain



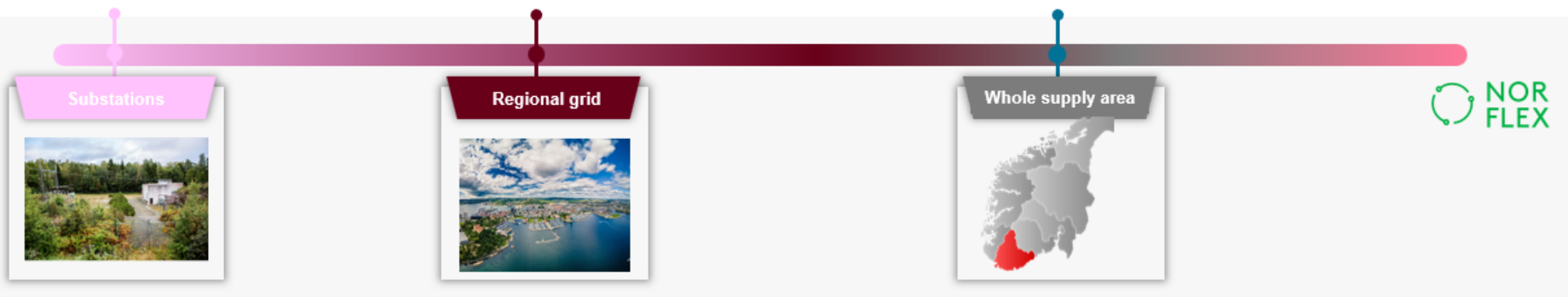
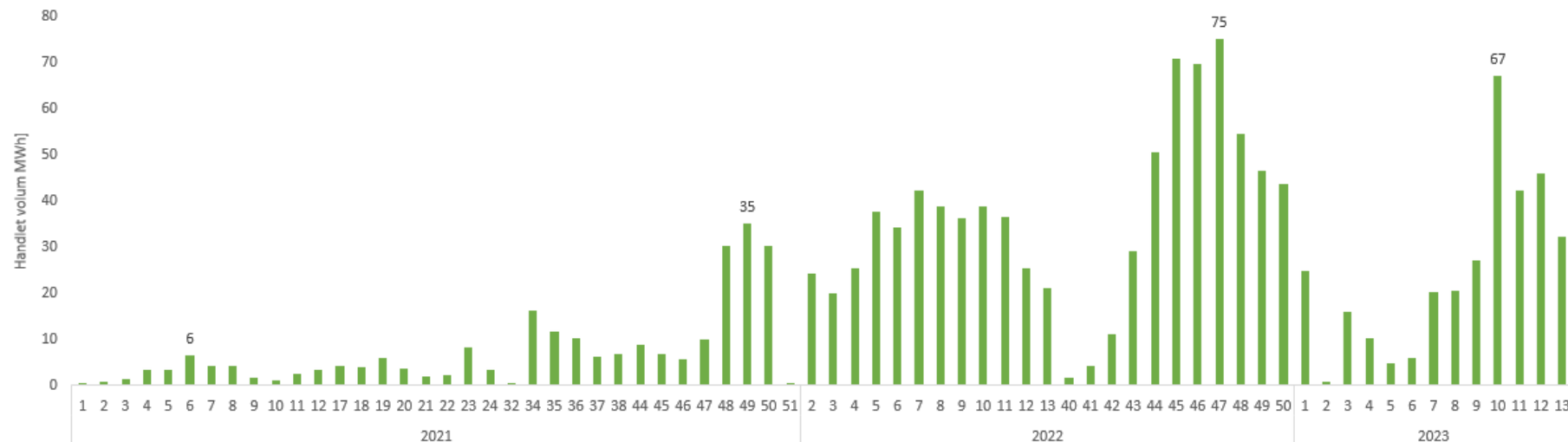


Making the flexibility market fly!

> 4000
assets

> 1.40
GW*h

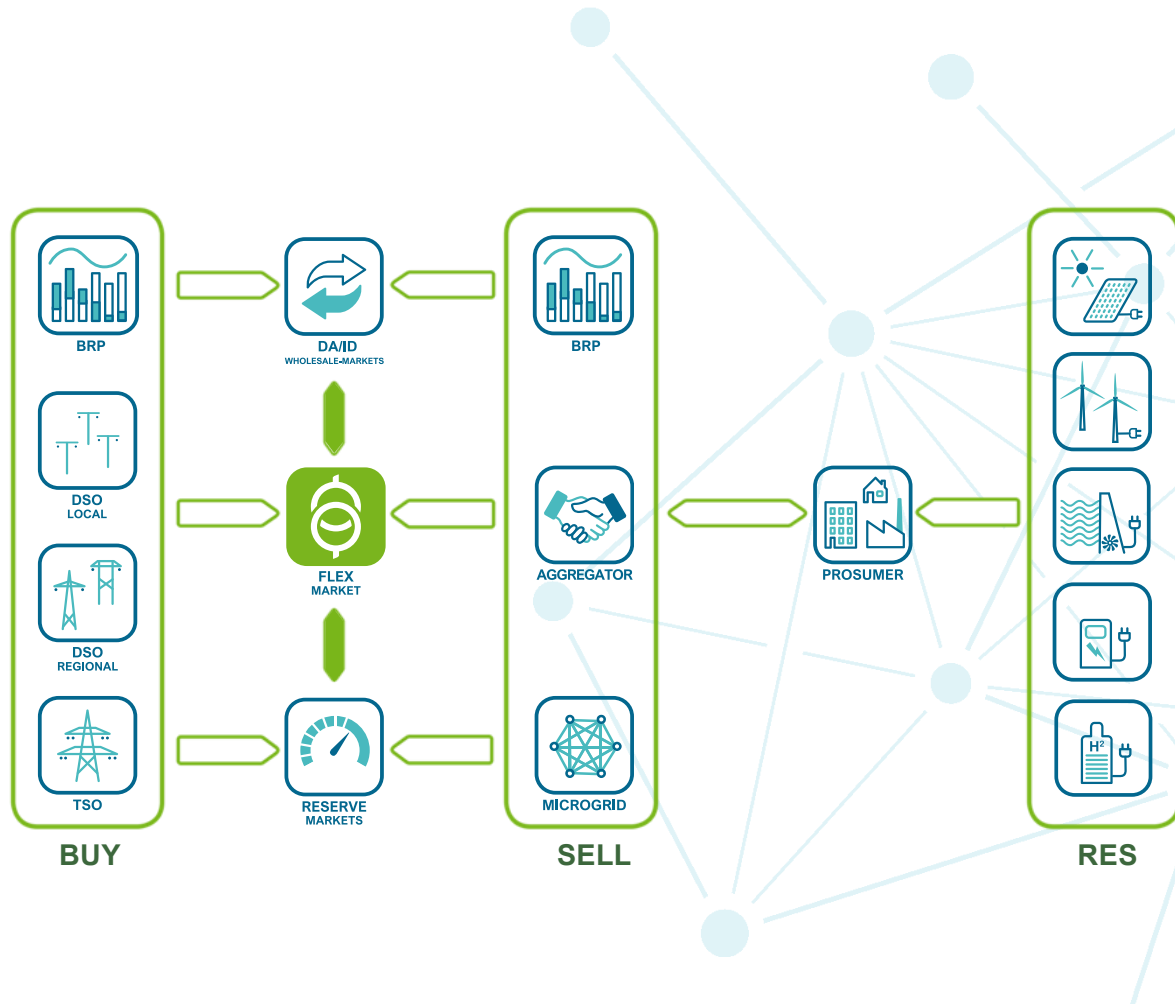
> 30 000
trades



More grid areas to the market are needed!



An integrated market design



Thank you!!

Q&A?

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