



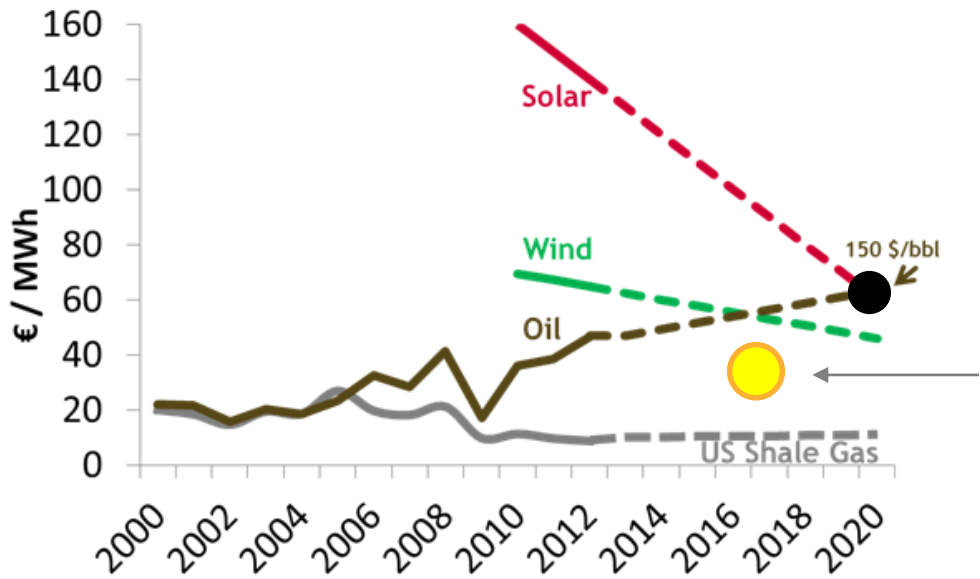
The future is electric

Auke Lont, CEO Statnett

Irena Innovation week, September 2018

Statnett

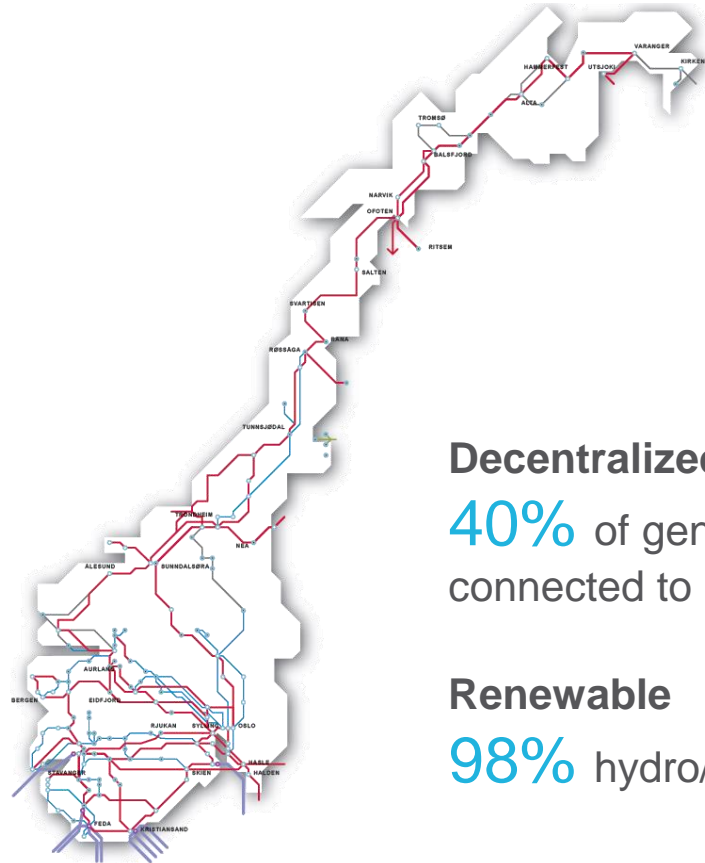
The future is hard to predict



The new "crude oil parity"

This is Statnett

- Statnett is the system operator and responsible for the balance of the Norwegian power system
- Statnett operates and owns approx. 11,000 km of power lines and cables, with about 150 substations across the country
- Statnett is also responsible for interconnectors to Sweden, Finland, Denmark and the Netherlands.



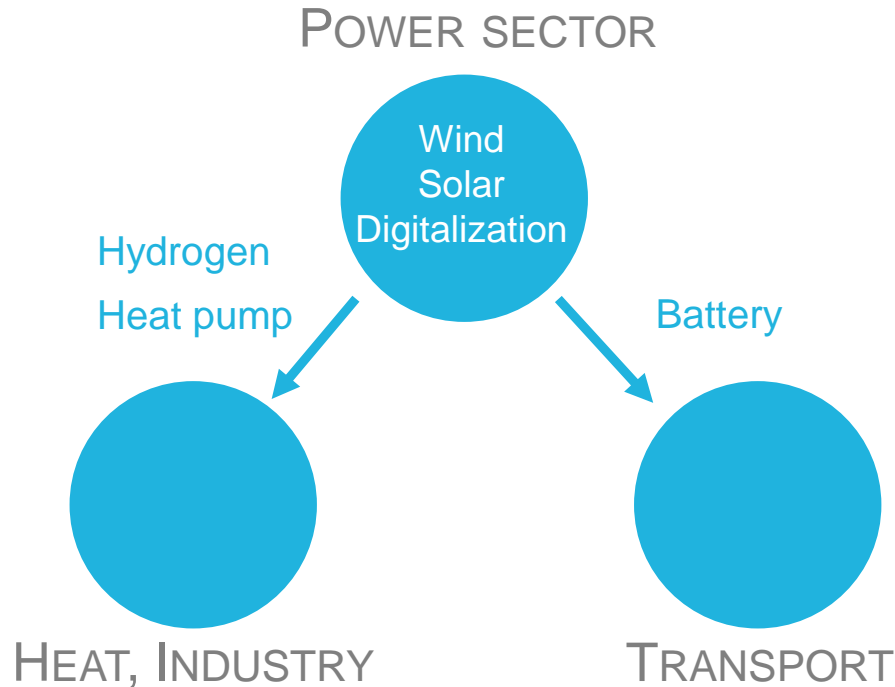
Decentralized

40% of generation connected to DSOs

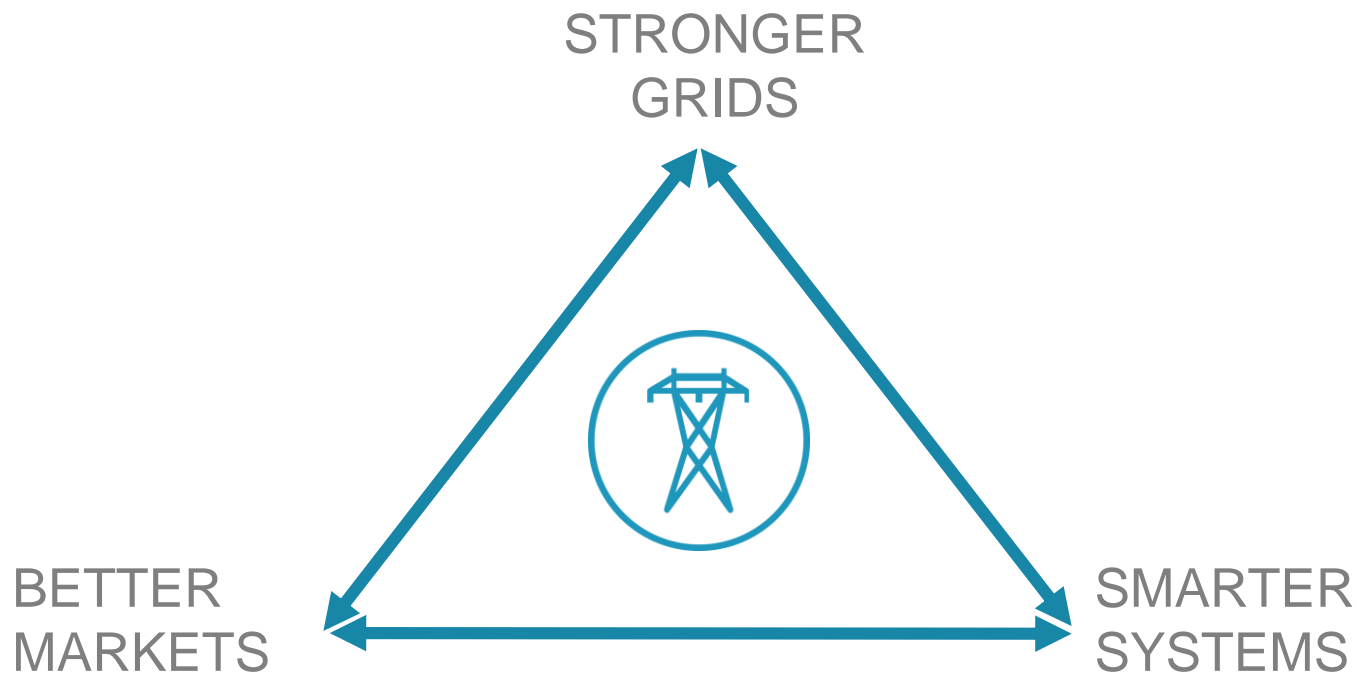
Renewable

98% hydro/wind

A decarbonized power sector will drive the energy transition



Statnett contributes to this future



Stronger grids

Bringing markets together

Nordics: **50%** increase in interconnector capacity by 2025

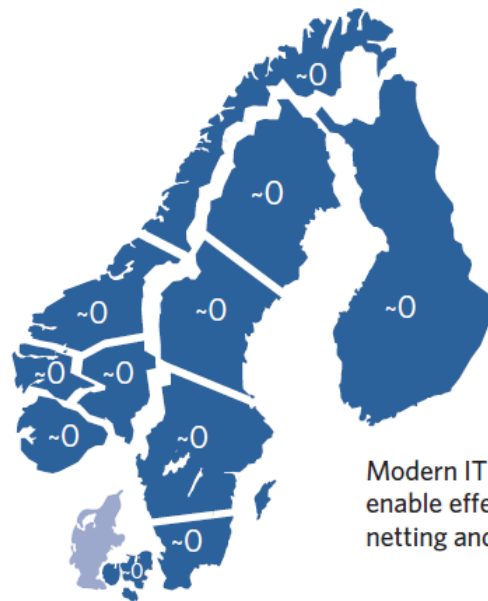
- ✓ cope with variations from intermittent renewable sources
- ✓ create value




Nordic balancing



Today the Nordic frequency is balanced in the whole synchronous area.



Modern IT solutions enable effective netting and trade.

A landscape photograph featuring several white wind turbines on a grassy hill. The turbines are positioned at various points across the hill, with the largest one in the foreground on the left. The background shows a vast blue sea and a blue sky with scattered white clouds. The text "THE FUTURE IS ELECTRIC" is overlaid in white, sans-serif font in the center of the image.

THE FUTURE
IS ELECTRIC

and the system will work

A long-weekend in Denmark

