

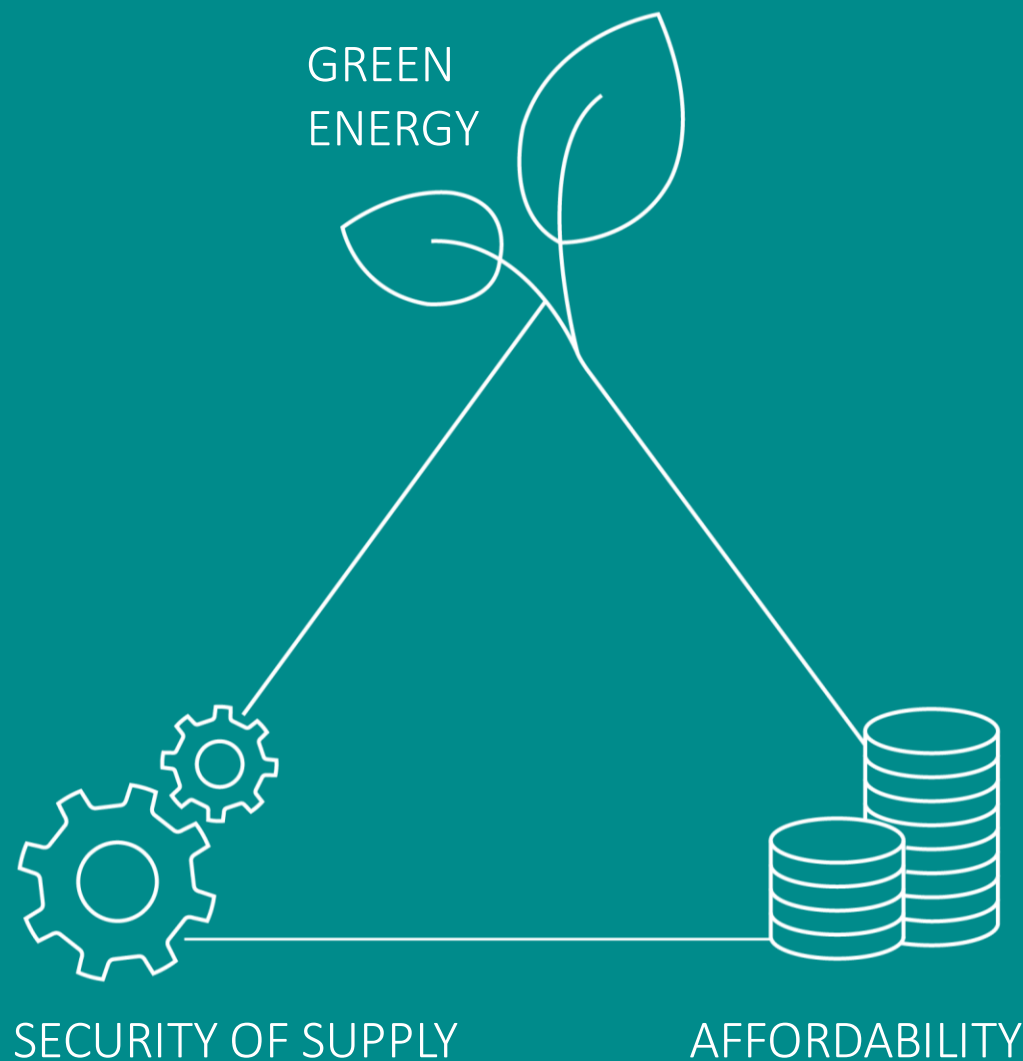
Getting ready for the future

How the NBM program meets the challenges the Nordic electricity system is facing

Søren Dupont Kristensen
CEO, Energinet Electricity System Operator
2020.11.26 NBM reference group meeting

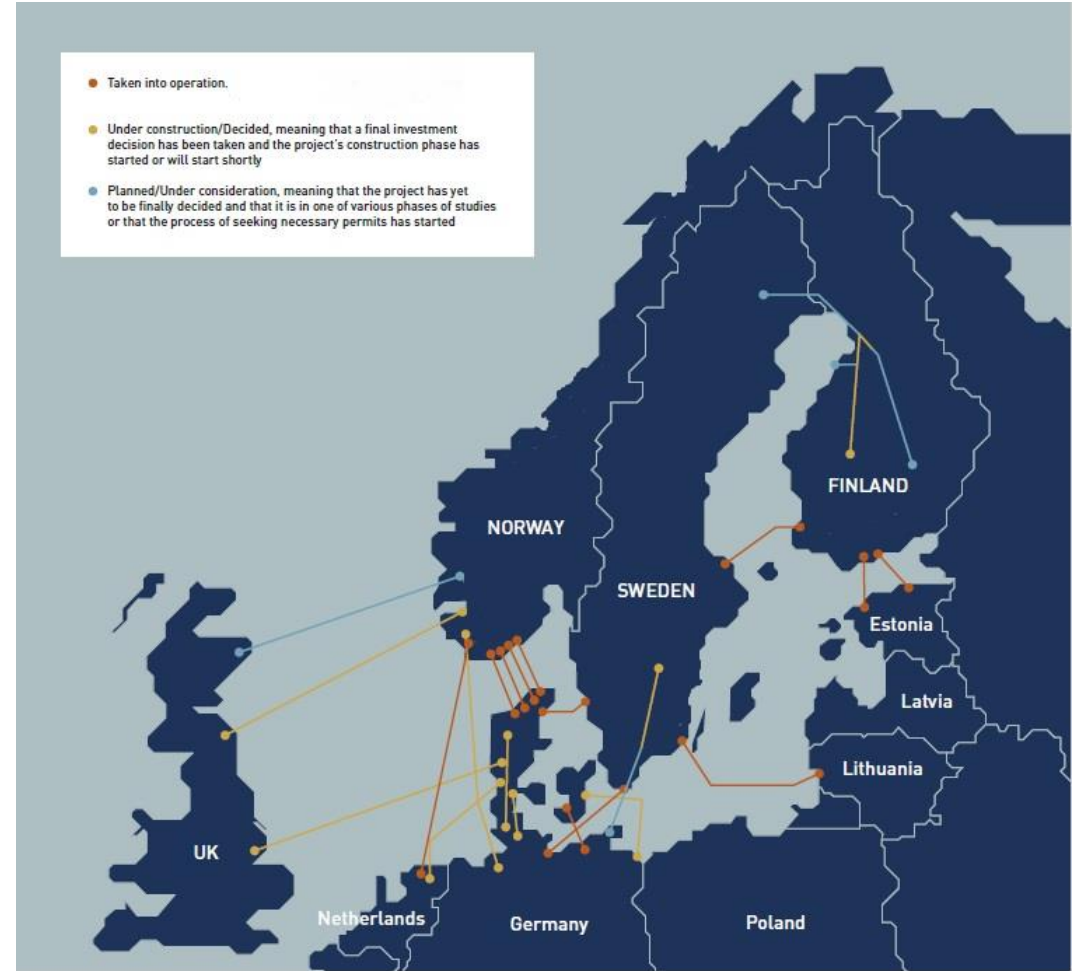
A BALANCING ACT

We work to make sure that the green transition is carried out in an economically responsible way without compromising on the already very high security of supply in the Nordics.



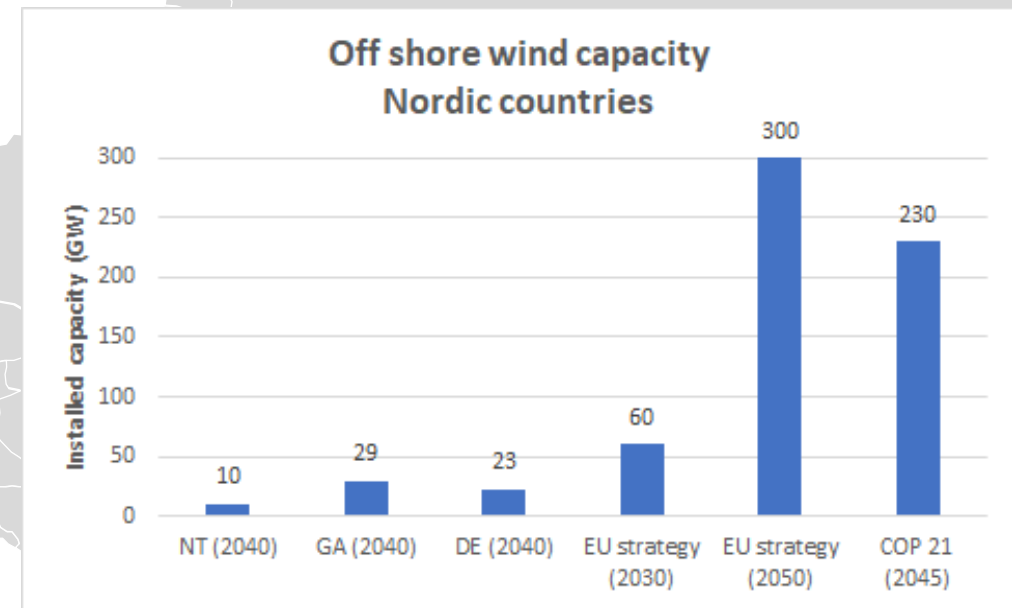
A more connected European energy system

- New interconnectors lead to more exchange between the Nordics and the rest of Europe
- Market integration along with new interconnectors are essential to realise an efficient decarbonisation
 - New tools in NBM



Offshore wind capacity in the Nordic countries

- Offshore wind plays an important role in the energy transition
- Ambitions new EU offshore wind strategy published on 19 November
- Danish example: energy islands are coming with large capacities of offshore wind



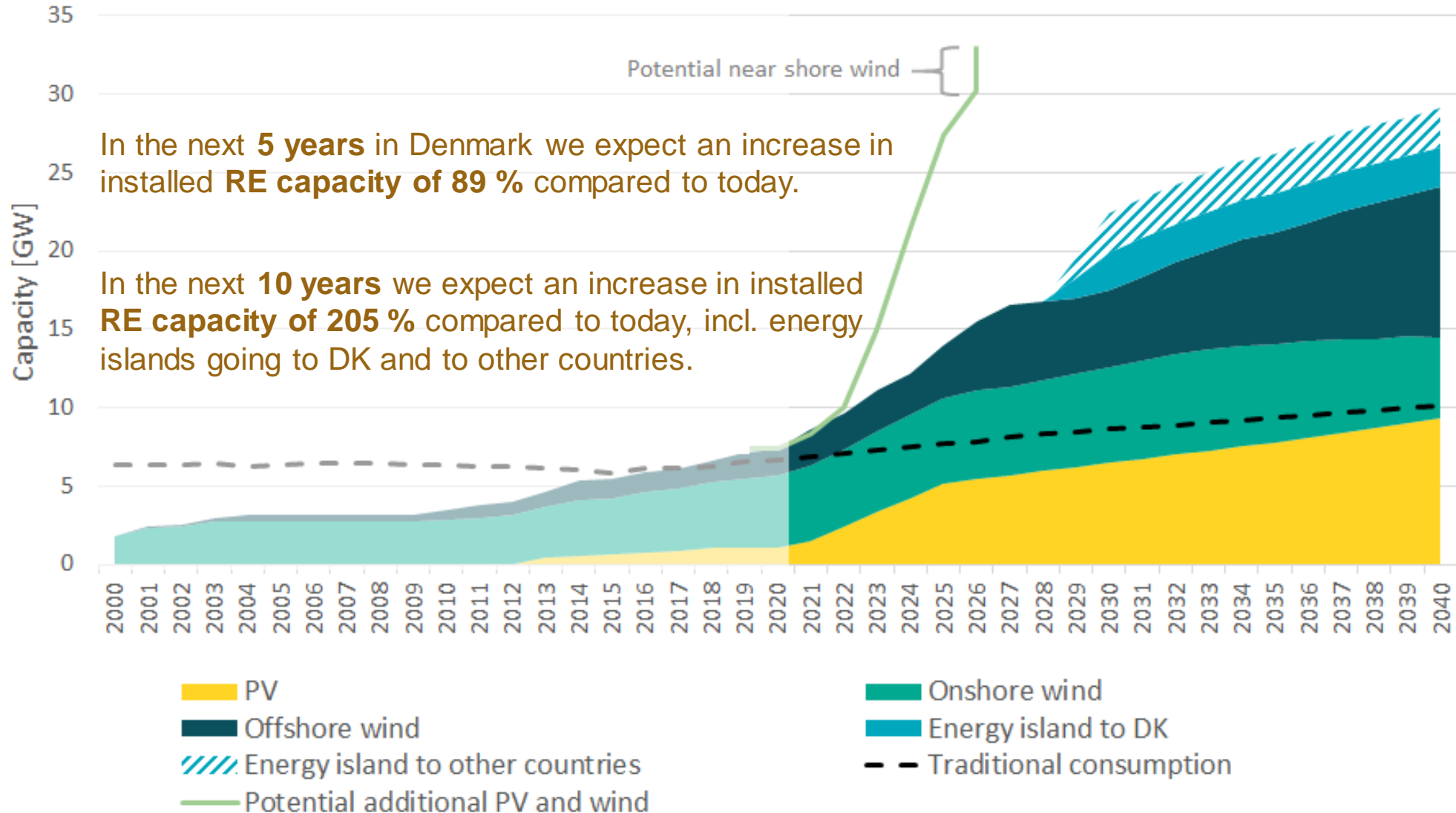
NT: National Trends (ENTSO-E scenario report, [link](#))

GA: Global Ambition (ENTSO-E scenario report)

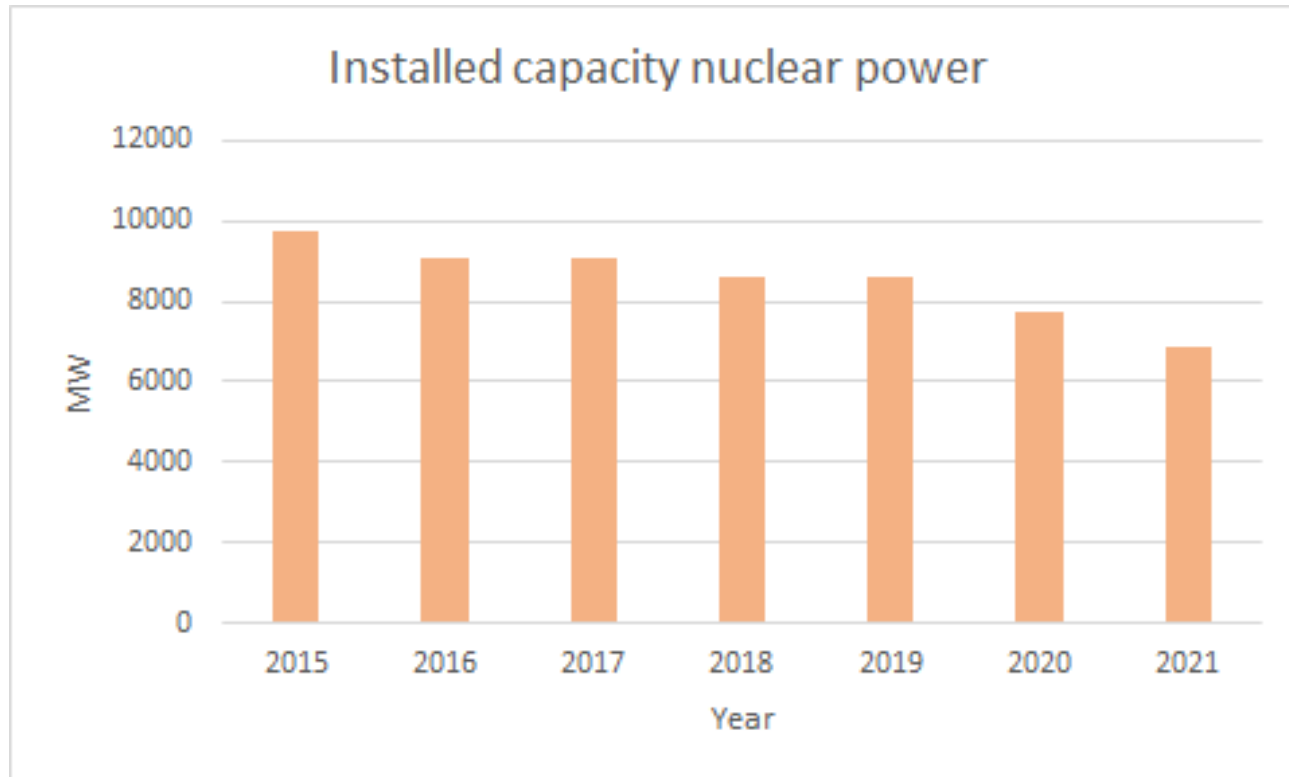
DE: Distributed Energy (ENTSO-E scenario report)

EU strategy: Offshore wind strategy published 19.11.20, [link](#)

Next 10 years: 205% increase in RE capacity



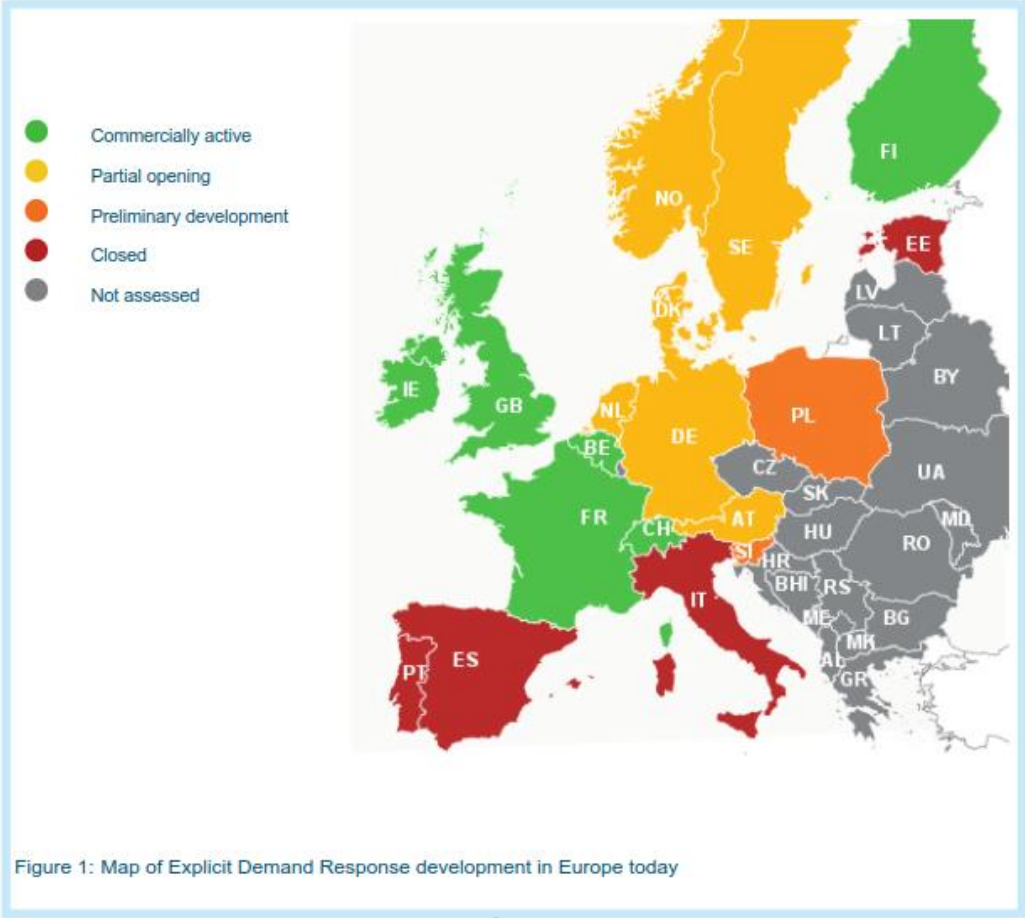
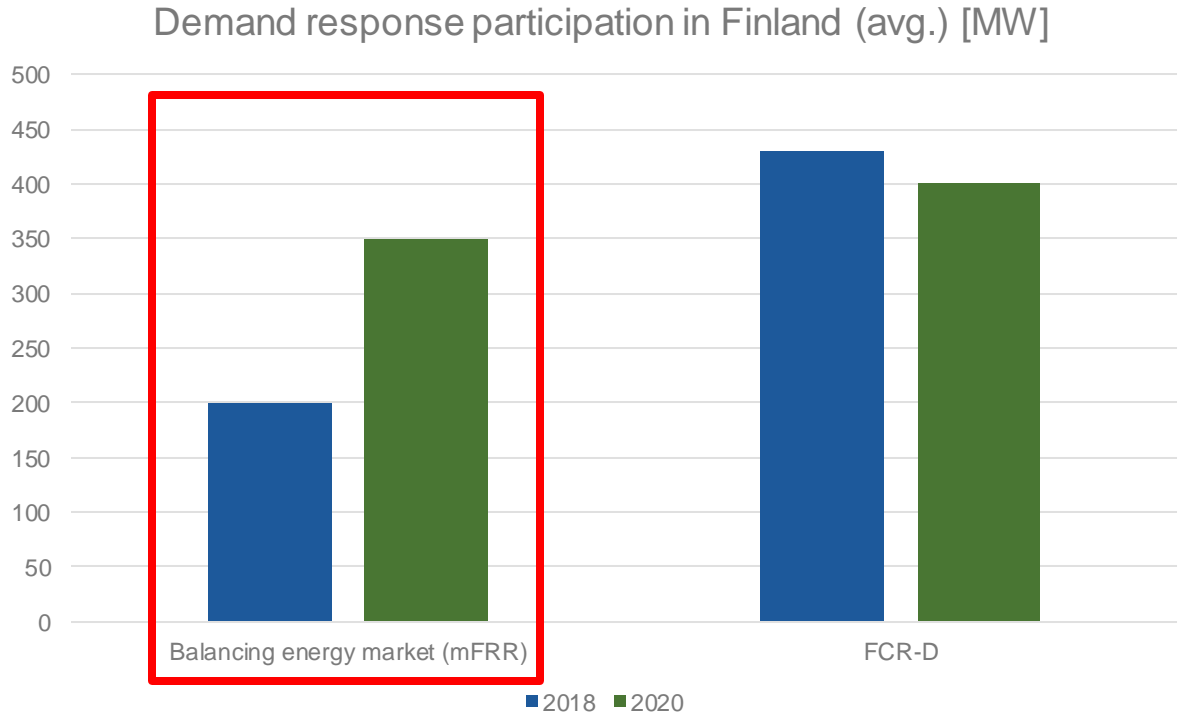
Decrease in installed capacity of nuclear power in Sweden



~30 % decrease between 2015 – 2021

Loss of stable capacity

Demand response participation increases power system balancing capacity



Source: Smart Energy Demand Coalition (SEDC) 2017



NBM

Nordic Balancing
Model

Thank you – questions?