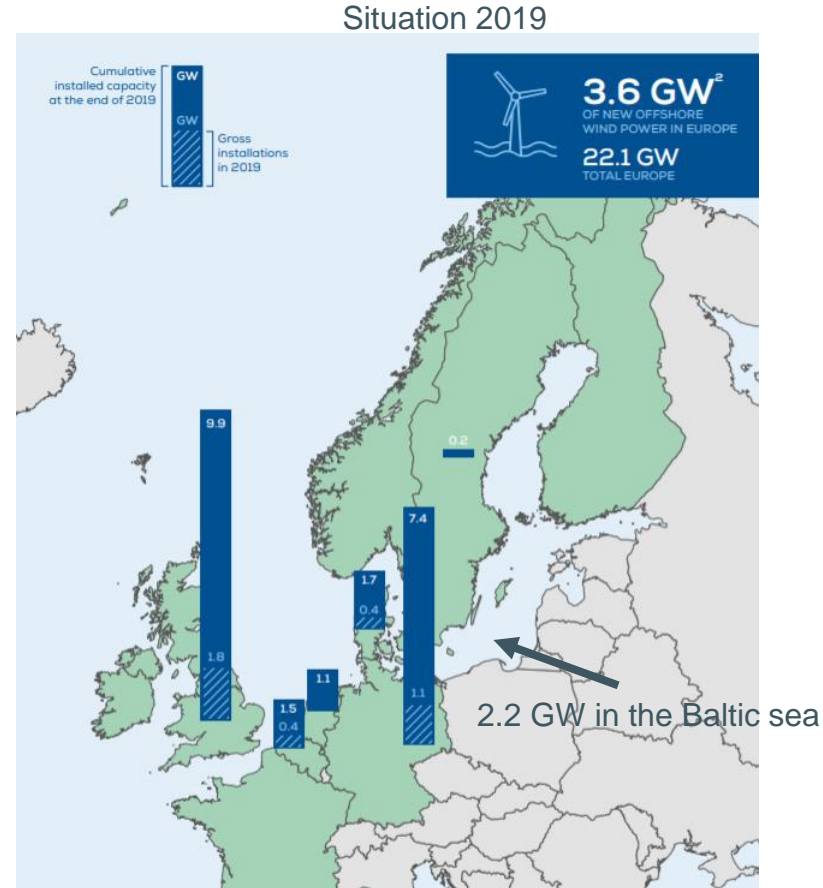

Nordic strategy for Wind Power

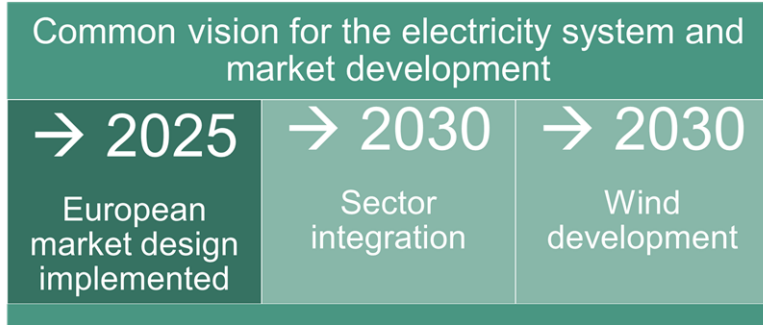
Nordic Planning Group (NPG)

Example: Offshore wind

- Offshore wind is strongly included in the Green Deal:
 - The European Commission estimates between 240 and 450 GW of offshore wind power is needed by 2050 to keep temperature rise below 1.5°C.
 - EC estimates that 30% of the future electricity demand will be supplied by offshore wind.
- In the Baltic sea region, the estimates regarding offshore wind vary between:
 - 7-13 GW by 2030
 - 17-35 GW by 2050



Work plan for the Nordic TSO Strategy work



- **Nordic Planning Group** prepares the strategy for wind power
- The **Nordic R&D Group** prepares strategy for sector integration
- **Market Steering Group** responsible for market point of view and RGN for the system operation aspects
- **Nordic TSO Strategy Steering group**



Project Scope

Both land-based and off-shore wind included

Current status for each TSO

Vision; Where do we need to be 2030, to be able to reach the 2050 goals

Long term strategic needs

e.g. research and development needs

e.g. regulation needs

e.g. market design

Short term project/pilot needs; Key items in existing project portfolio (and missing items) up to 2025

focus on **common Nordic needs**