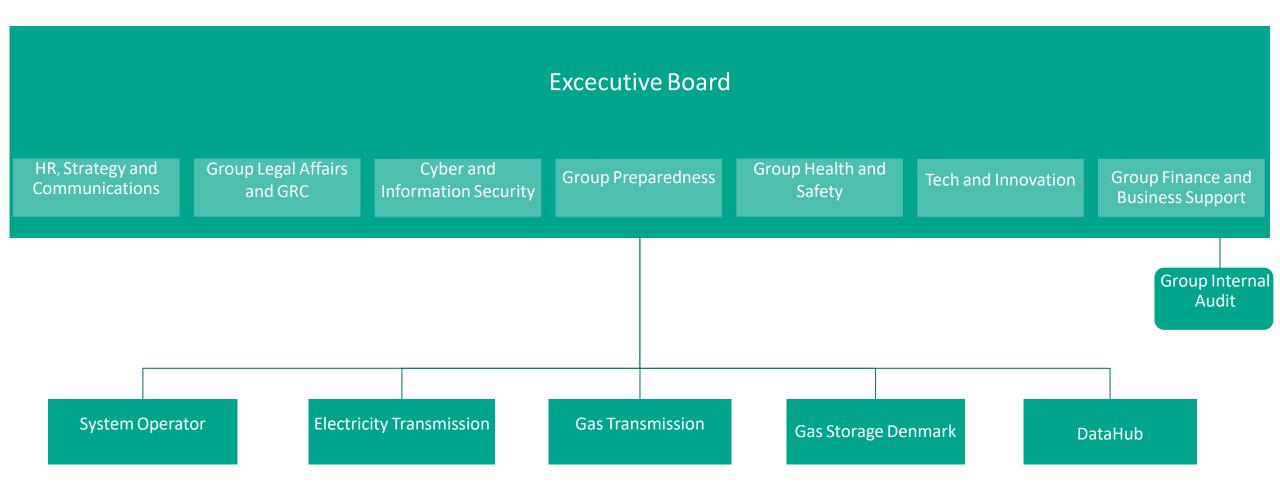


and the role of offshore wind

Jeppe Danø, Vice President, Business and Markets System Operator Energinet

THE ENERGINET GROUP

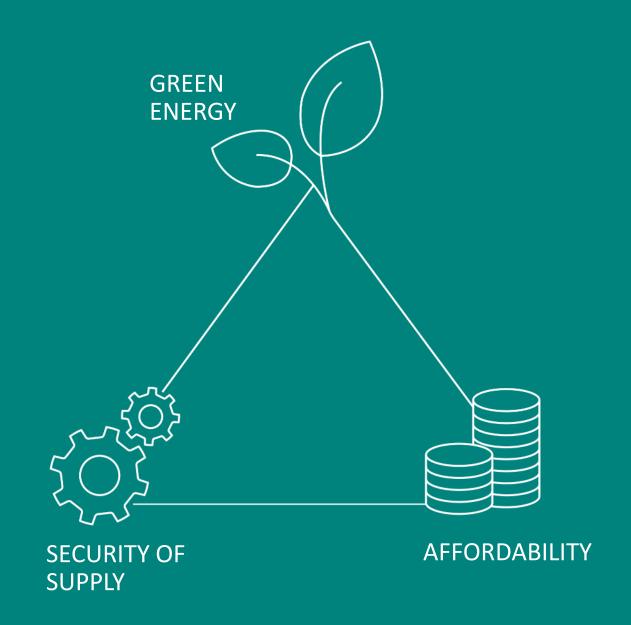




ENERGINET

A BALANCING ACT

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



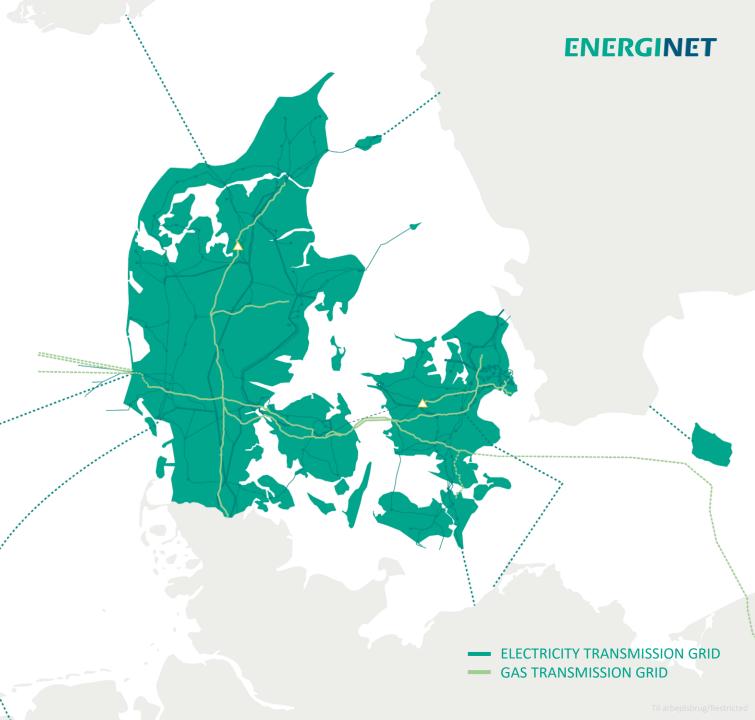


8,870

km electricity grid

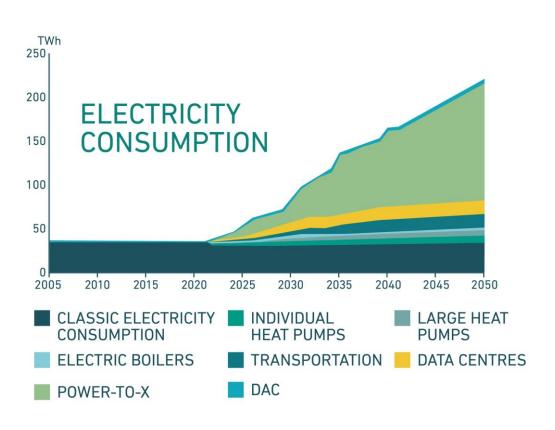


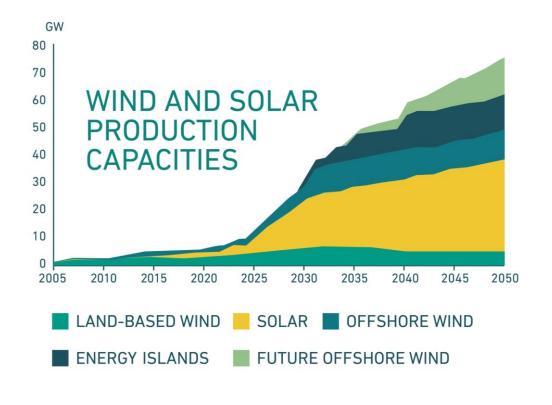
km gas grid





ELECTRICITY CONSUMPTION AND PRODUCTION CAPACITY





ENERGY ISLANDS IN DENMARK

The North Sea:

3 GW offshore wind by 2033, later 10 GW.

The Baltic Sea:

3 GW offshore wind by 2030.



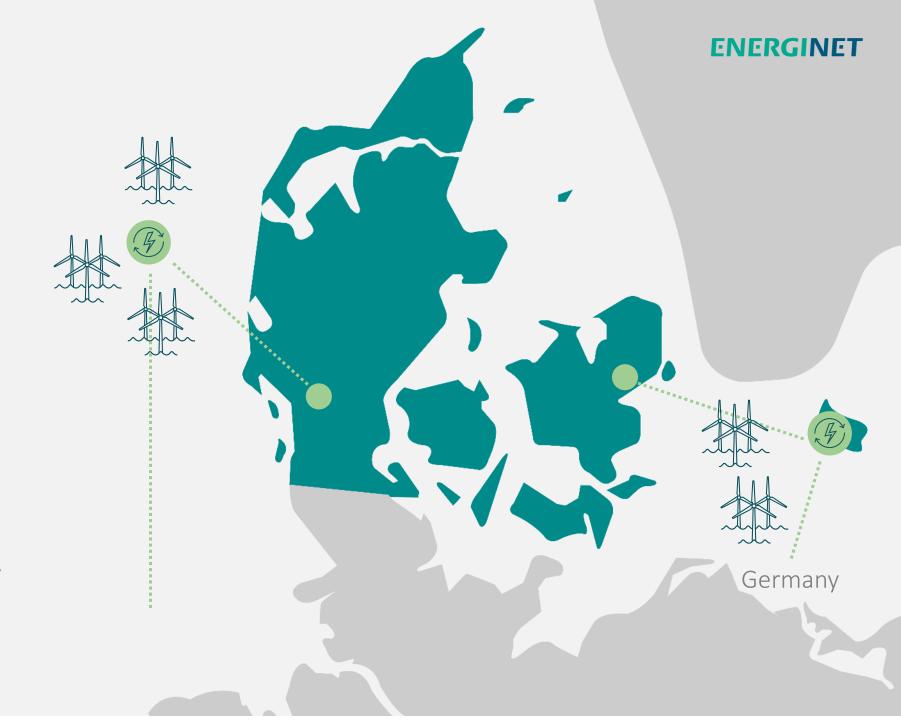
ENERGY ISLAND



ONSHORE CONNECTIONS, ALTERNATIVES



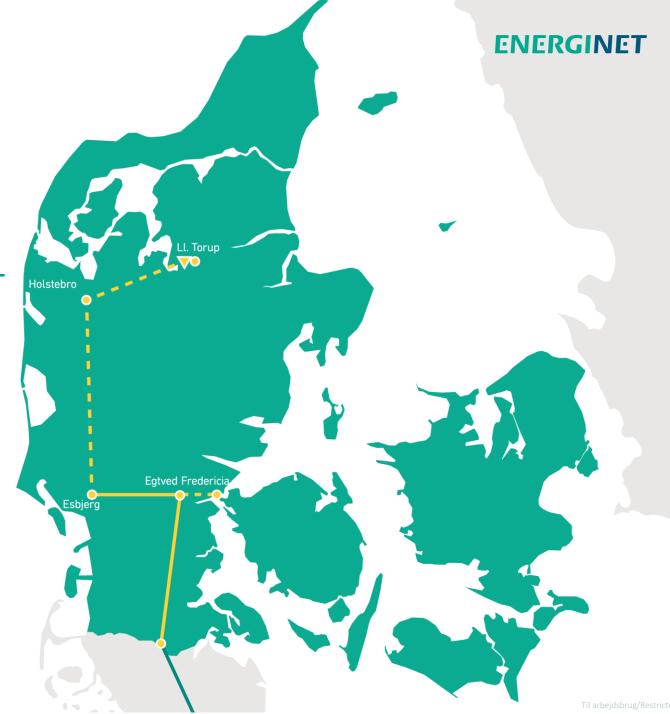
NY NEW OFFSHORE WIND FARMS

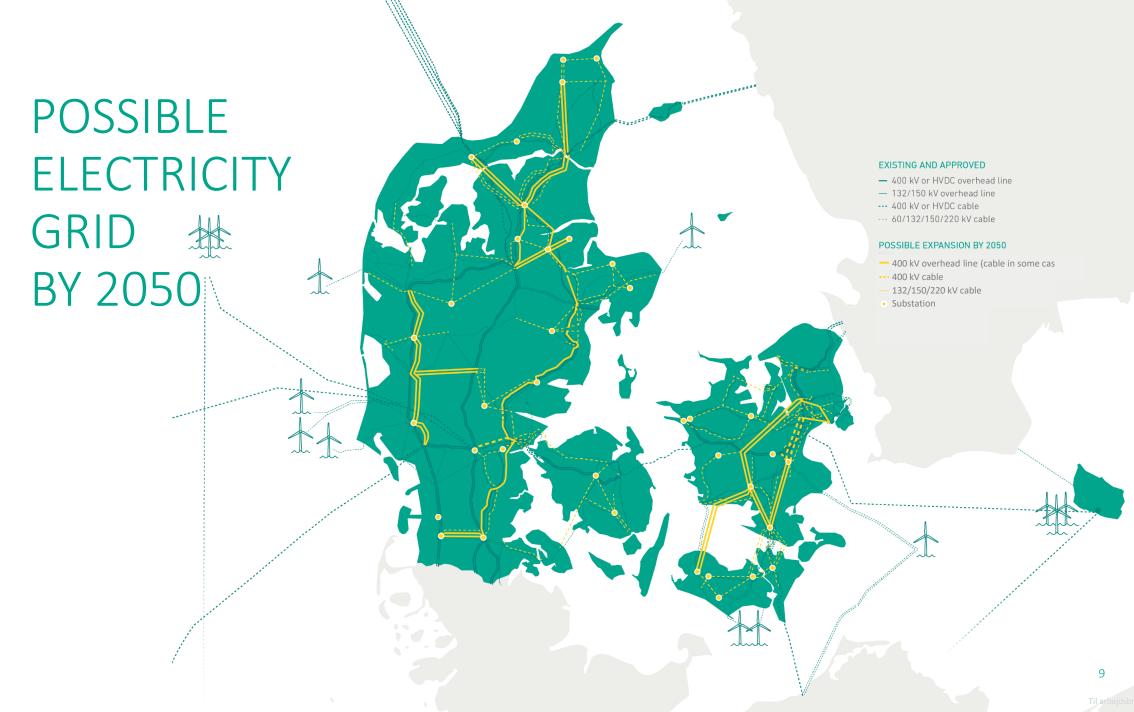


MATURATION OF DANISH BACKBONE WEST

A possible hydrogen infrastructure in Jutland connecting producers, consumers, exports and storage

- HYDROGEN INFRASTRUCTURE
- HYDROGEN CAVERNE STORAGE
- EXPORT
- CENTRAL CONNECTION POINTS IN THE ELECTRICITY
 TRANSMISSION GRID







MARKET INITIATIVES FOR AFFORDABLE TRANSITION

