



EMBASSY OF DENMARK
Paris



Danish Energy Agency

RESULTS

WIND POWER IN
POWER CONSUMPTION

47%

INSTALLED WIND
POWER CAPACITY

6.8 GW

WIND POWER
CURTAILMENT

~3%

SECURITY OF
SUPPLY

99.996%

TARGETS

GREEN POWER
IN 2030

100%

GHG REDUCTION
IN 2030

70%

CLIMATE NEUTRALITY
IN 2050

100%

Future contribution of energy islands to fulfilment of targets

DENMARK'S ENERGY ISLANDS



North Sea artificial island: hub for 3 GW offshore wind farms around 2030 (up to 10 GW in the future).



Baltic Sea - island of Bornholm: hub for 2 GW offshore wind farms around 2030.

LONG-TERM VISION:



Central to greening energy system and electrification of society.



Interconnectors to bordering countries and sector coupling through power-to-hydrogen conversion.