



# EUROPEAN ENERGY SECURITY: THE ROLE OF NORWAY AND THE NORTH SEA

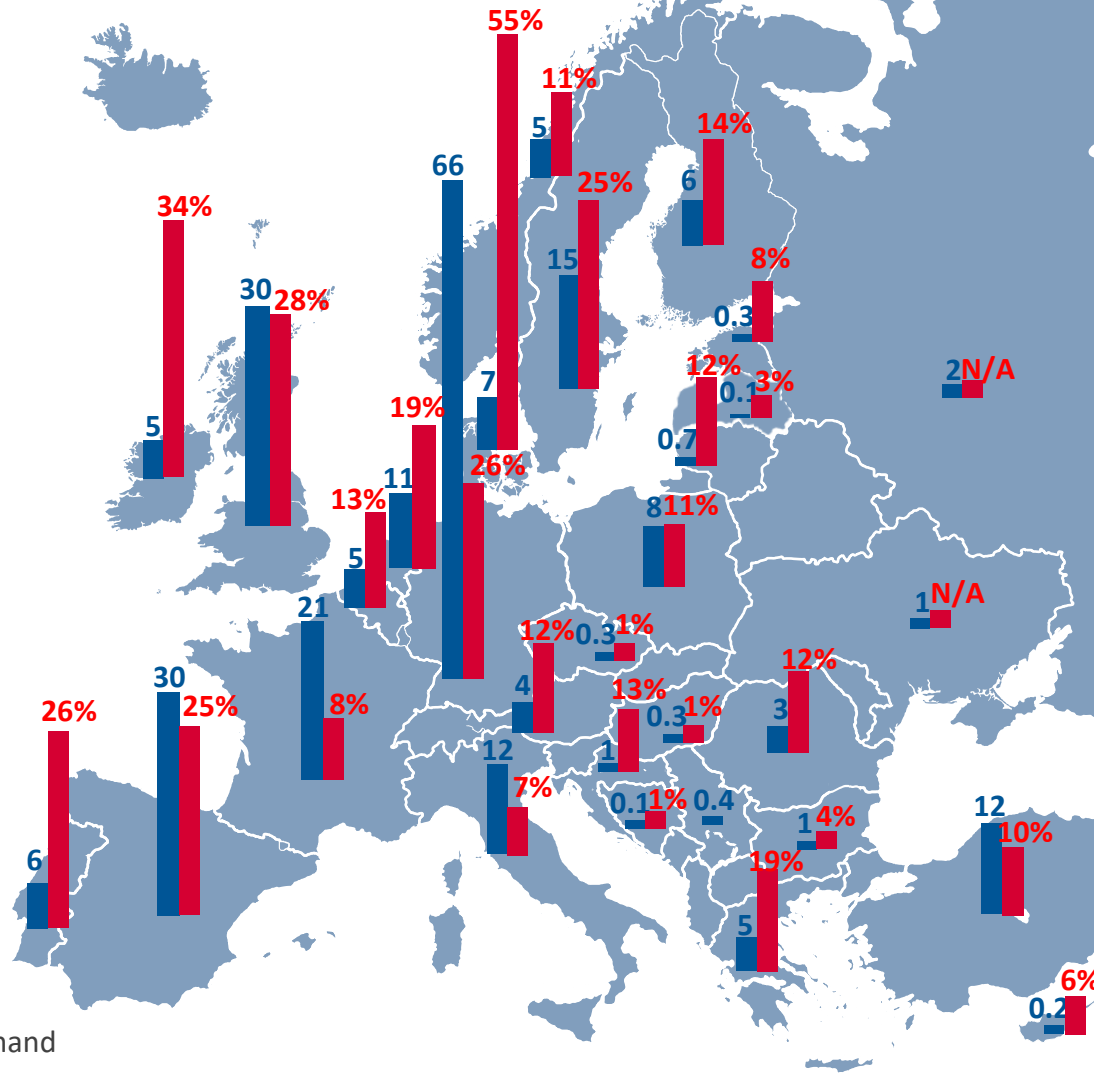
Giles Dickson, WindEurope CEO

# Wind energy in Europe

272 GW

19%

of Europe's  
electricity demand

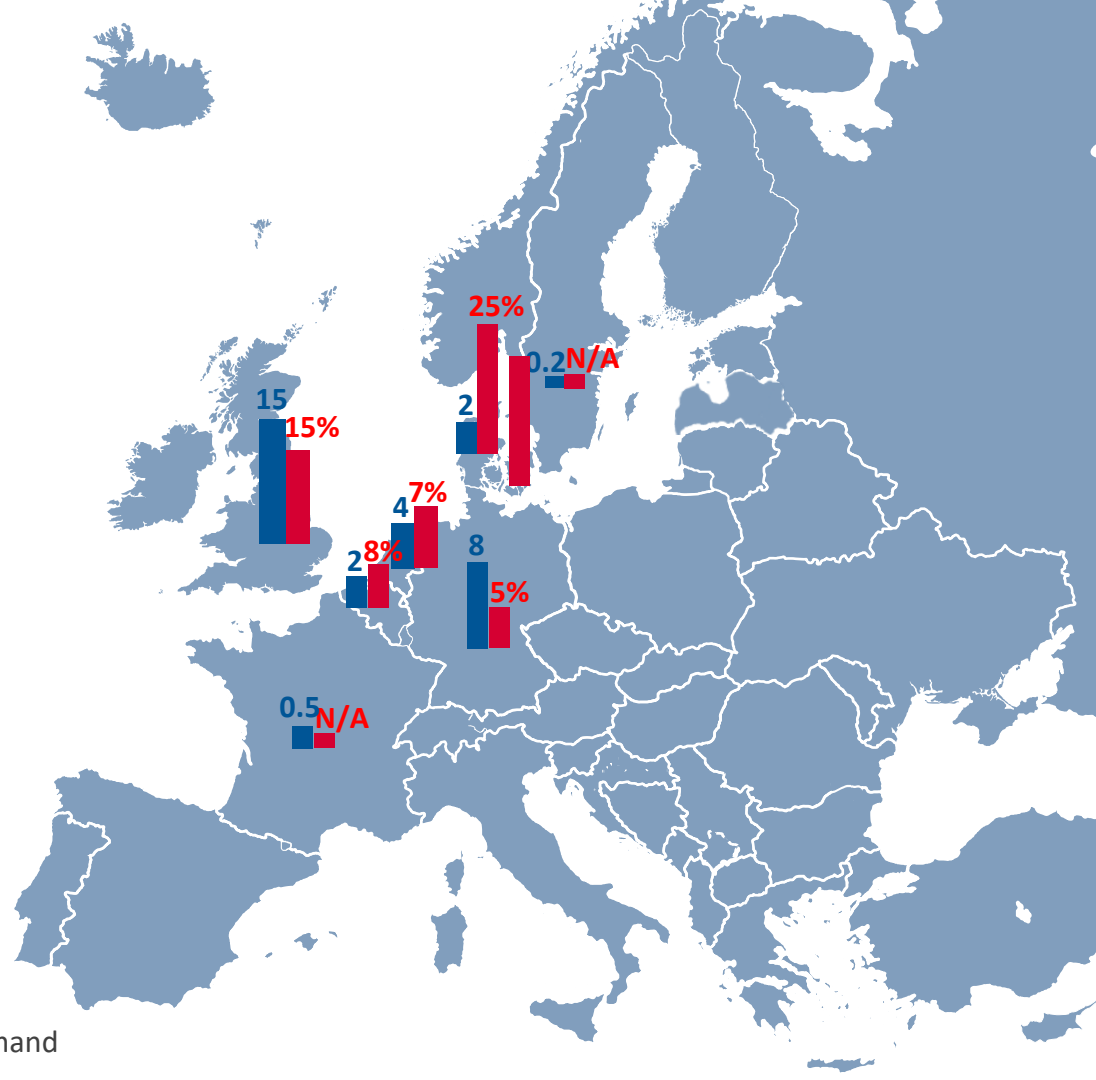


# Offshore wind in Europe

34 GW

3%

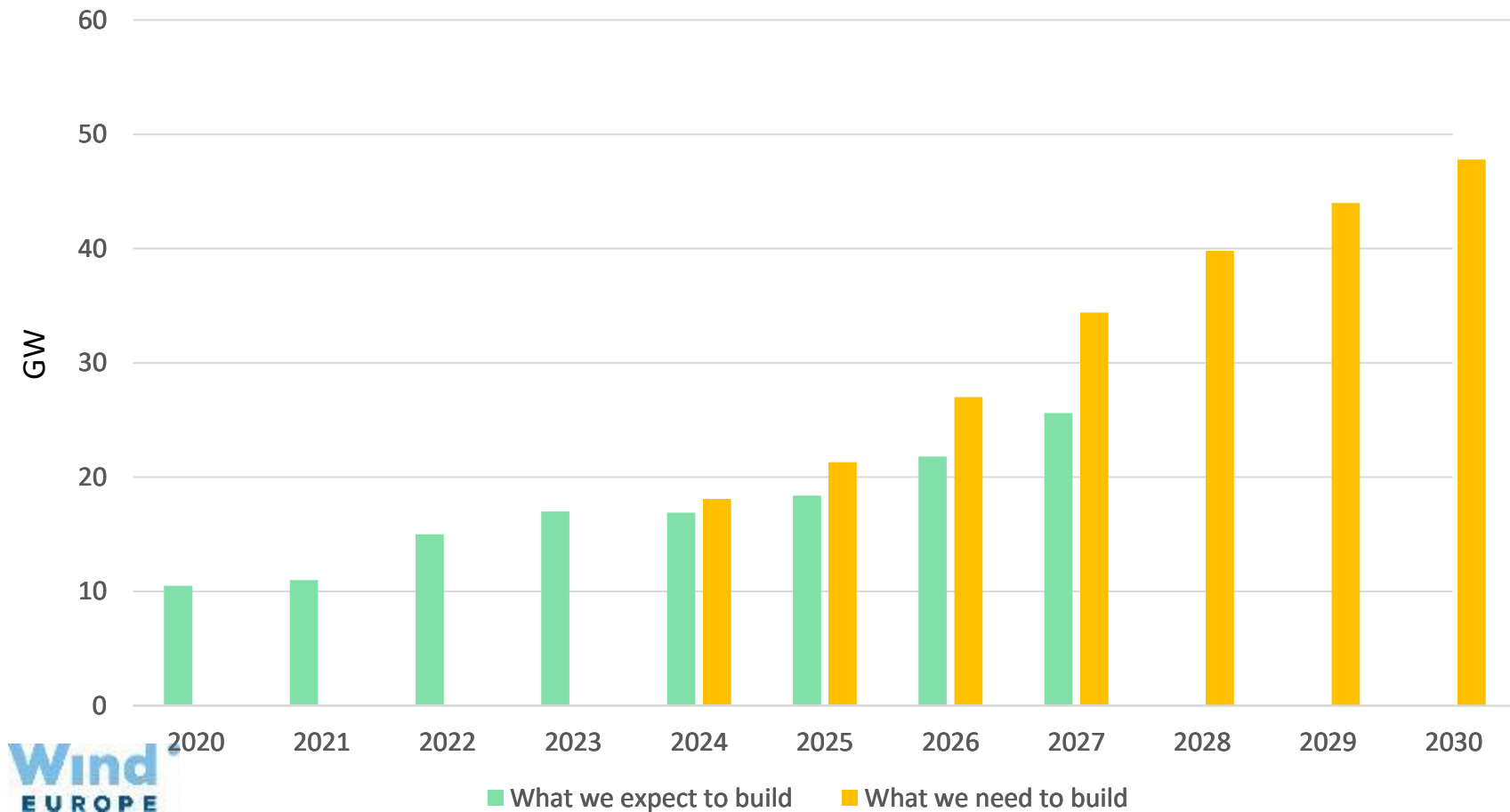
of Europe's  
electricity demand



# Huge increase in wind capacity coming



# But Europe isn't building enough wind

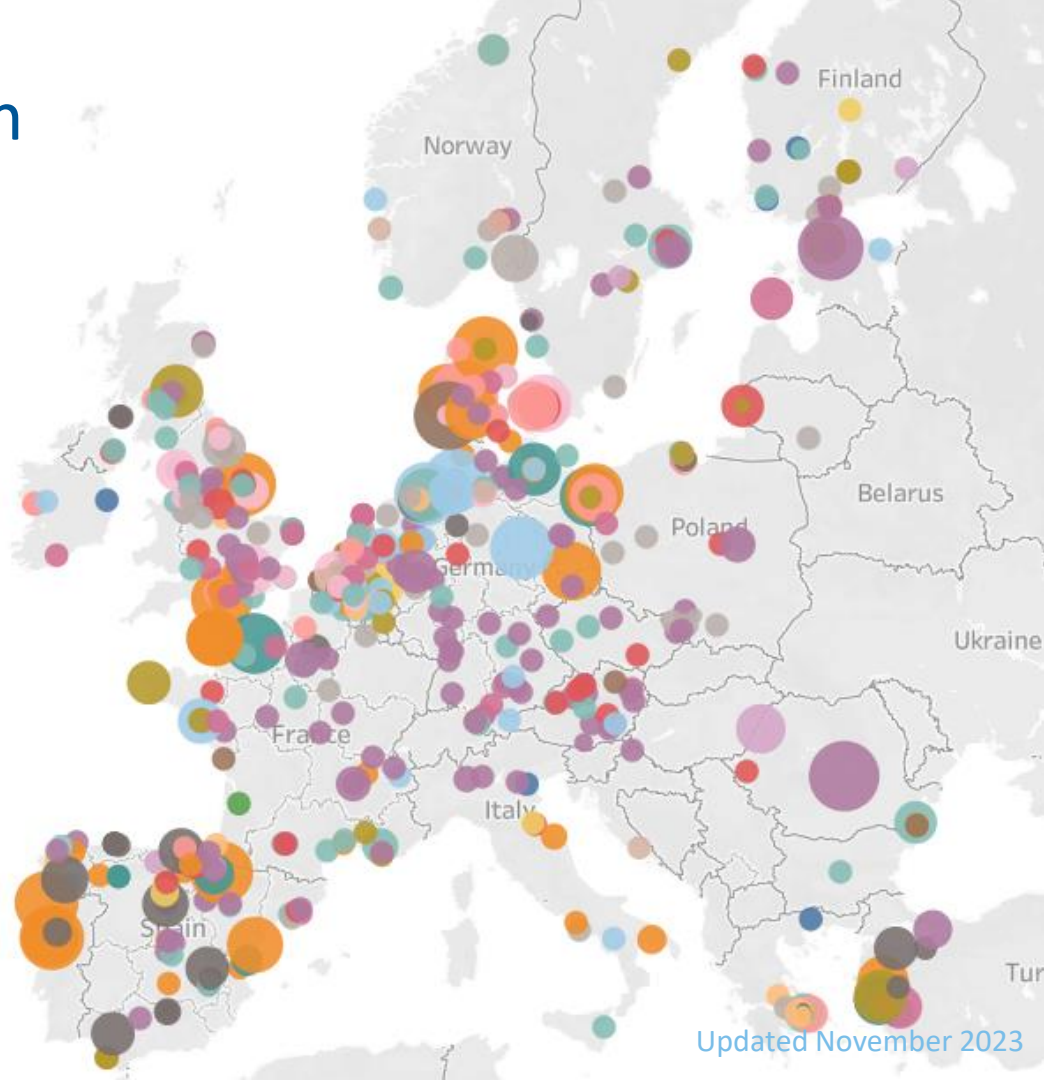


# Wind Power Package

**“The future of our clean tech industry has to be made in Europe”**

# Europe's wind supply chain

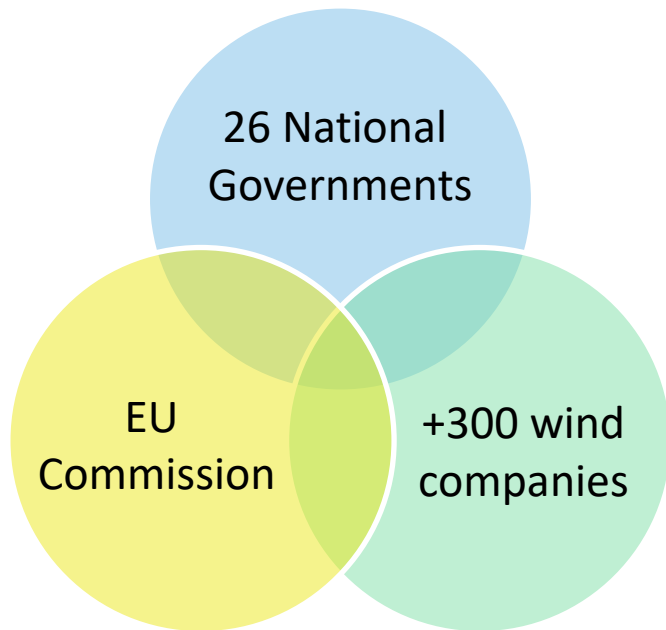
- Components
- Assembly
- Blades
- Foundations
- Gearboxes
- Nacelles
- O&M
- Other
- R&D
- Towers
- Cables
- Generators
- Logistics
- Port



# Wind Power Package

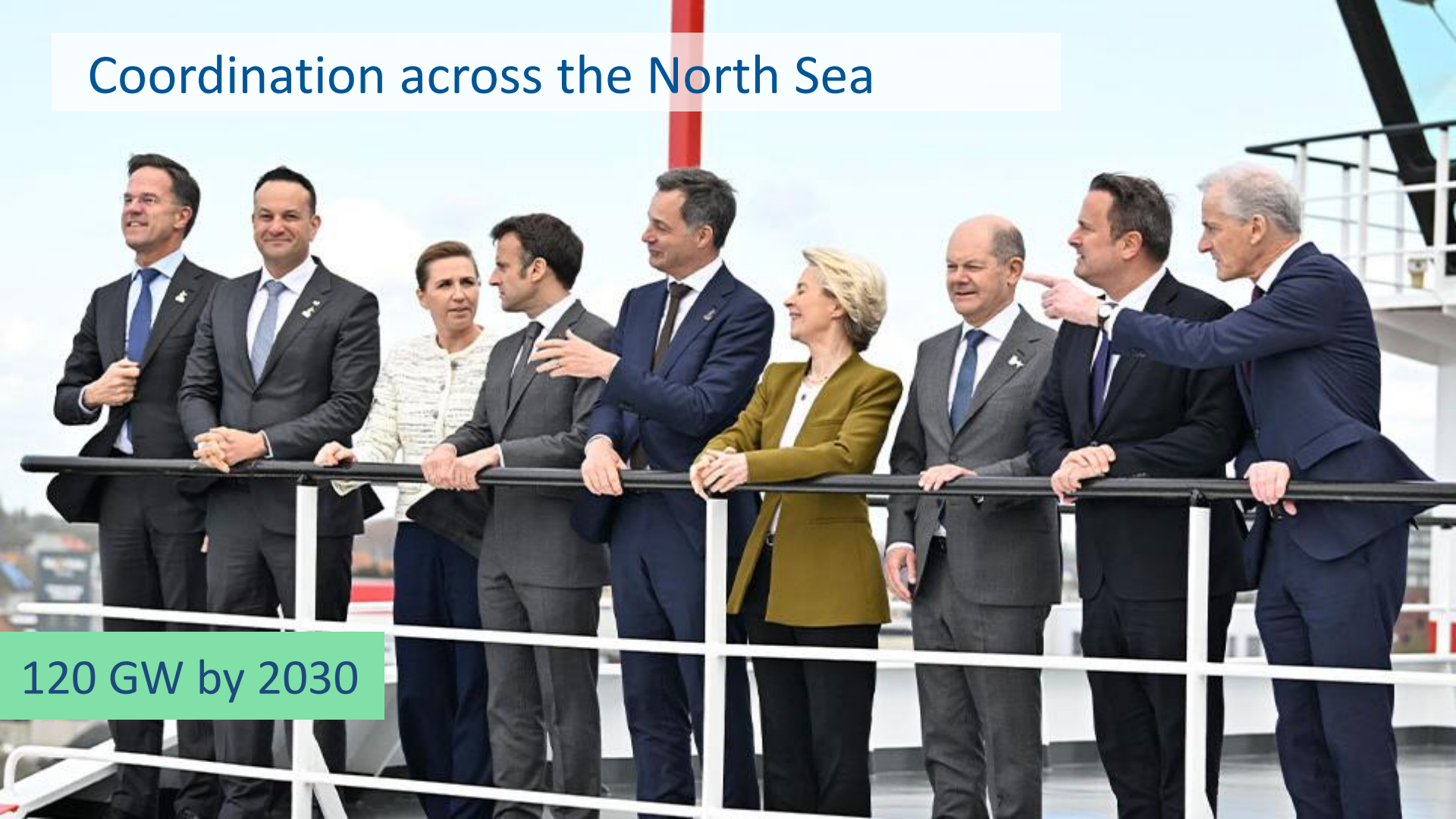
- Faster permitting
- Digitalise permitting
- Raise the bar
- Index auctions
- Invest in supply chain
- Give investors visibility

## Wind Energy Charter signed by:





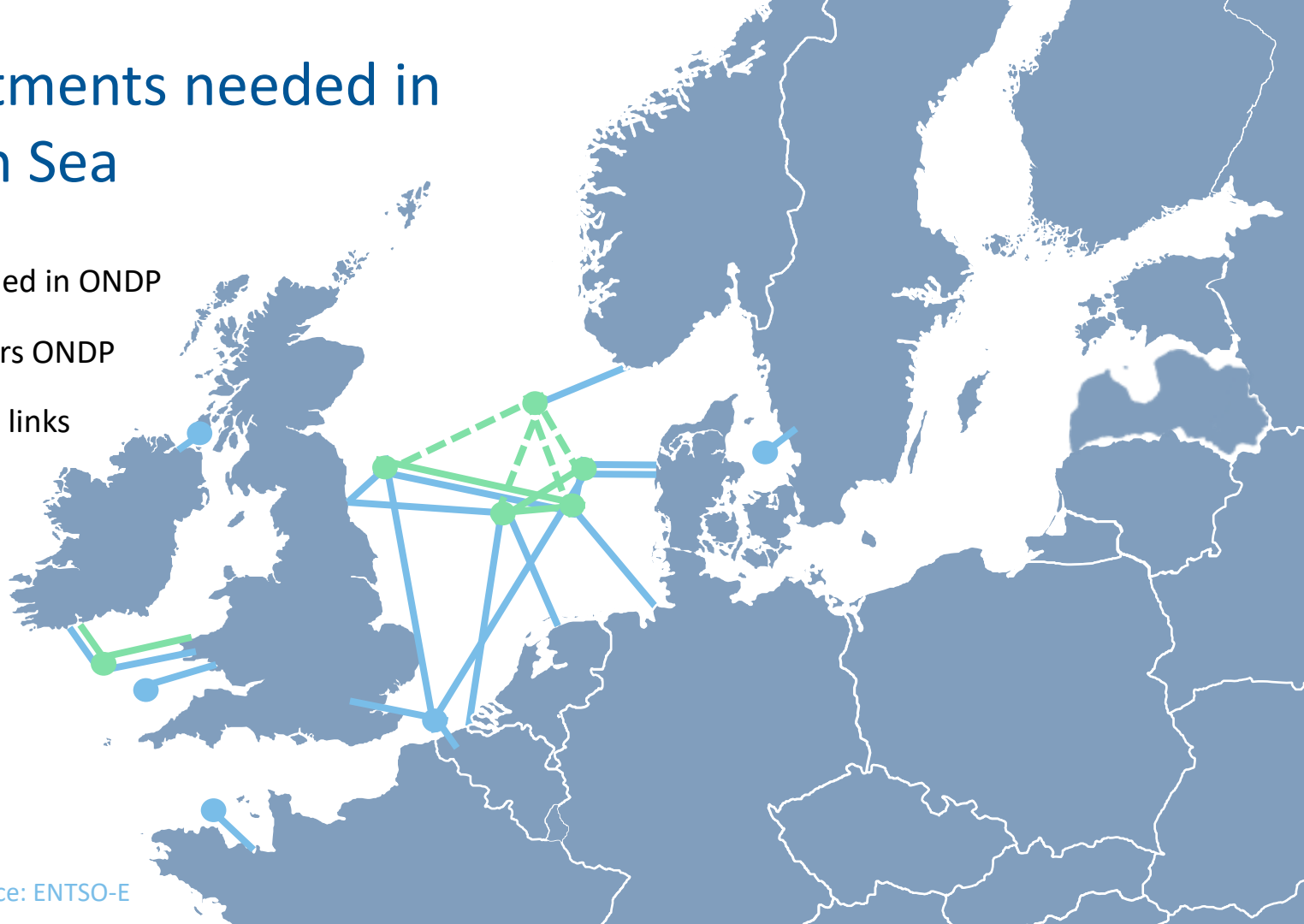
# Coordination across the North Sea



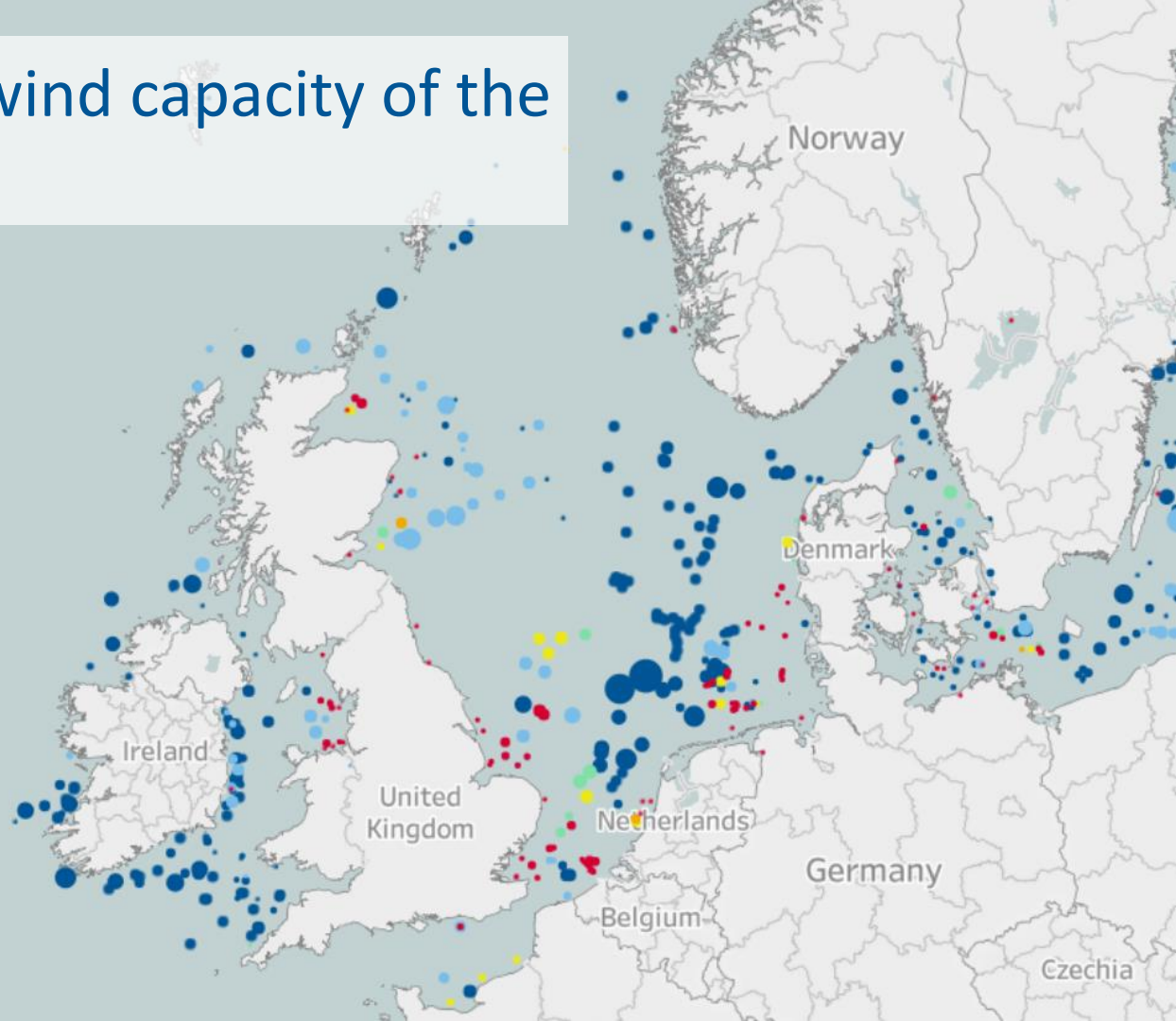
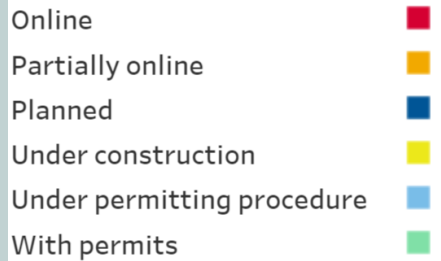
120 GW by 2030

# Big investments needed in the North Sea

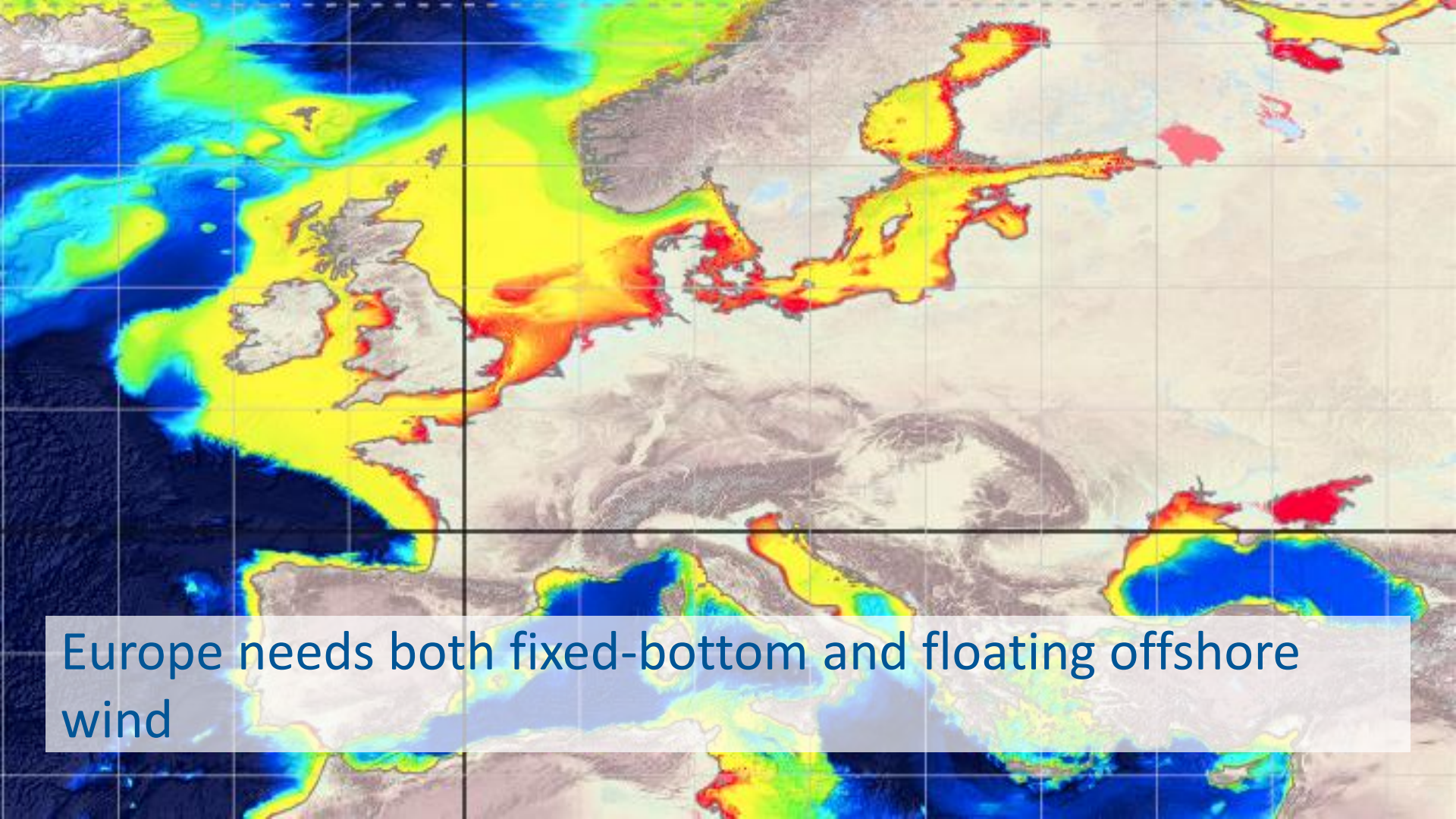
- Corridors identified in ONDP
- Potential corridors ONDP
- Existing/planned links



# Massive offshore wind capacity of the North Sea







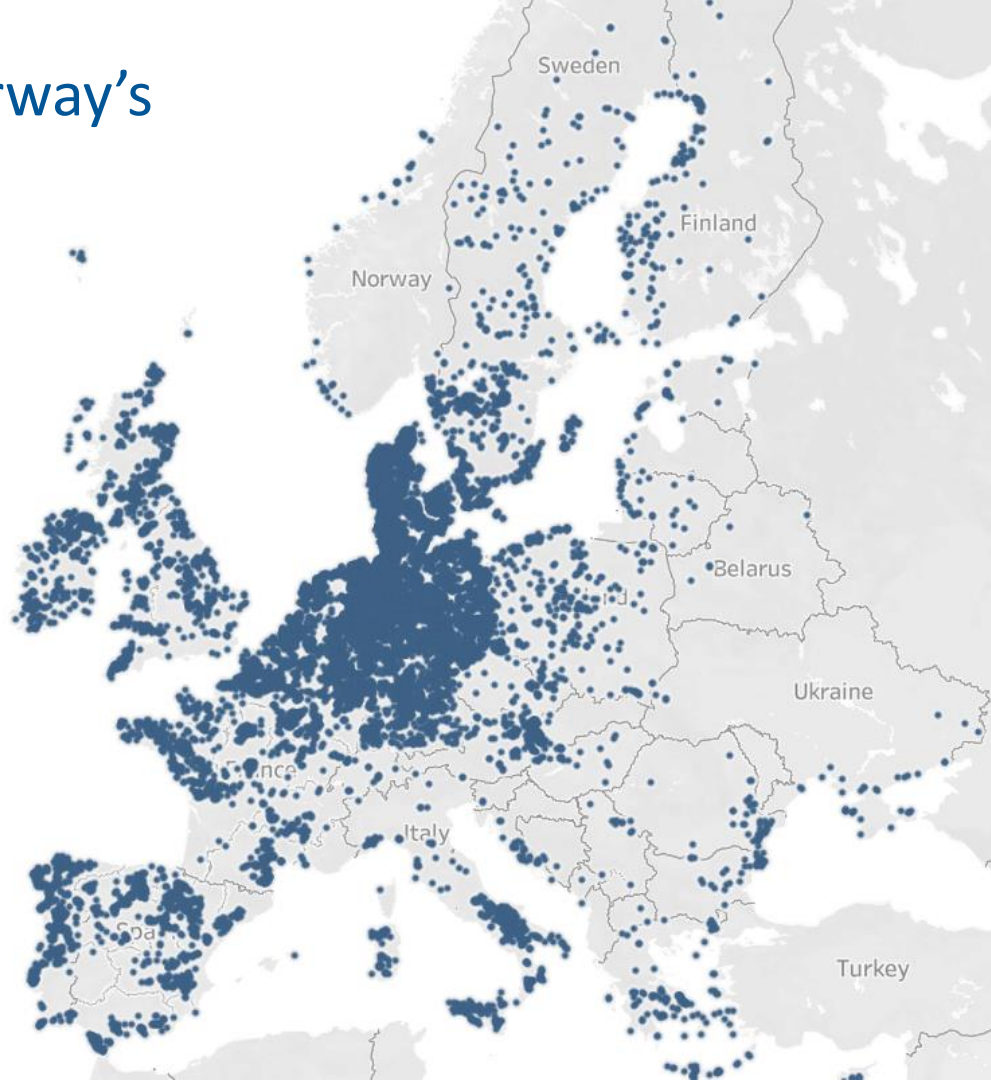
Europe needs both fixed-bottom and floating offshore wind



**Where will we make the floating structures?**



# Onshore wind potential for Norway's energy-intensive industries





# Engaging local communities



# Norway's renewable hydrogen potential





# THANK YOU

**Wind**<sup>•</sup>  
EUROPE

[windeurope.org](http://windeurope.org)



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