

Energy sector resilience

A perspective from the wind energy industry



40+
COUNTRIES

500+
MEMBERS

Component/Materials/Equipment manufacturer

Developer/Asset owner/Power producer

Installation/Logistics

Insurance/Banks

Operations & Maintenance

R&D/Universities/Institutes

Shipyards/Ports

Associations (wind and renewables)

Leading members

Market Leaders



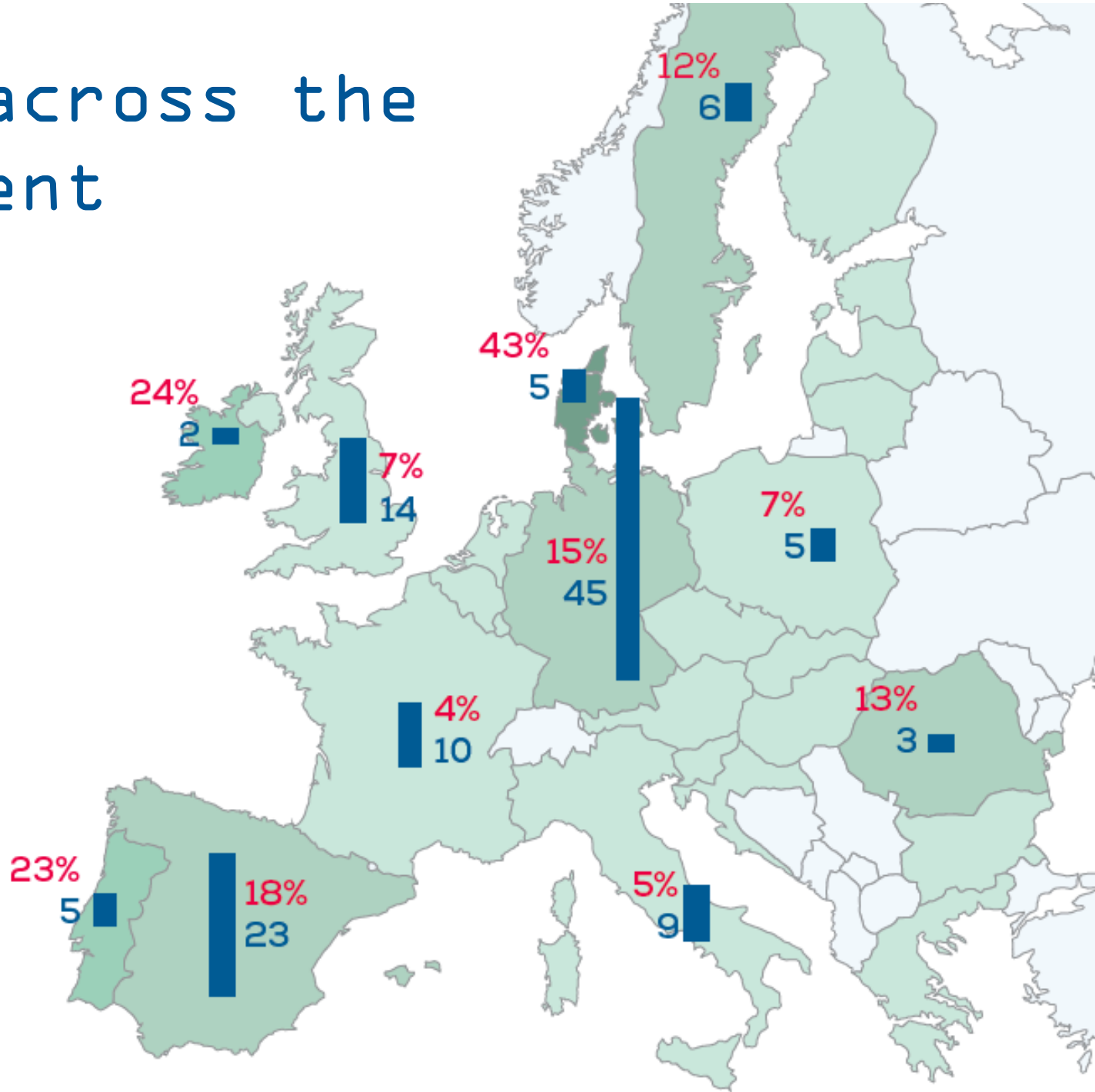
Leading Members



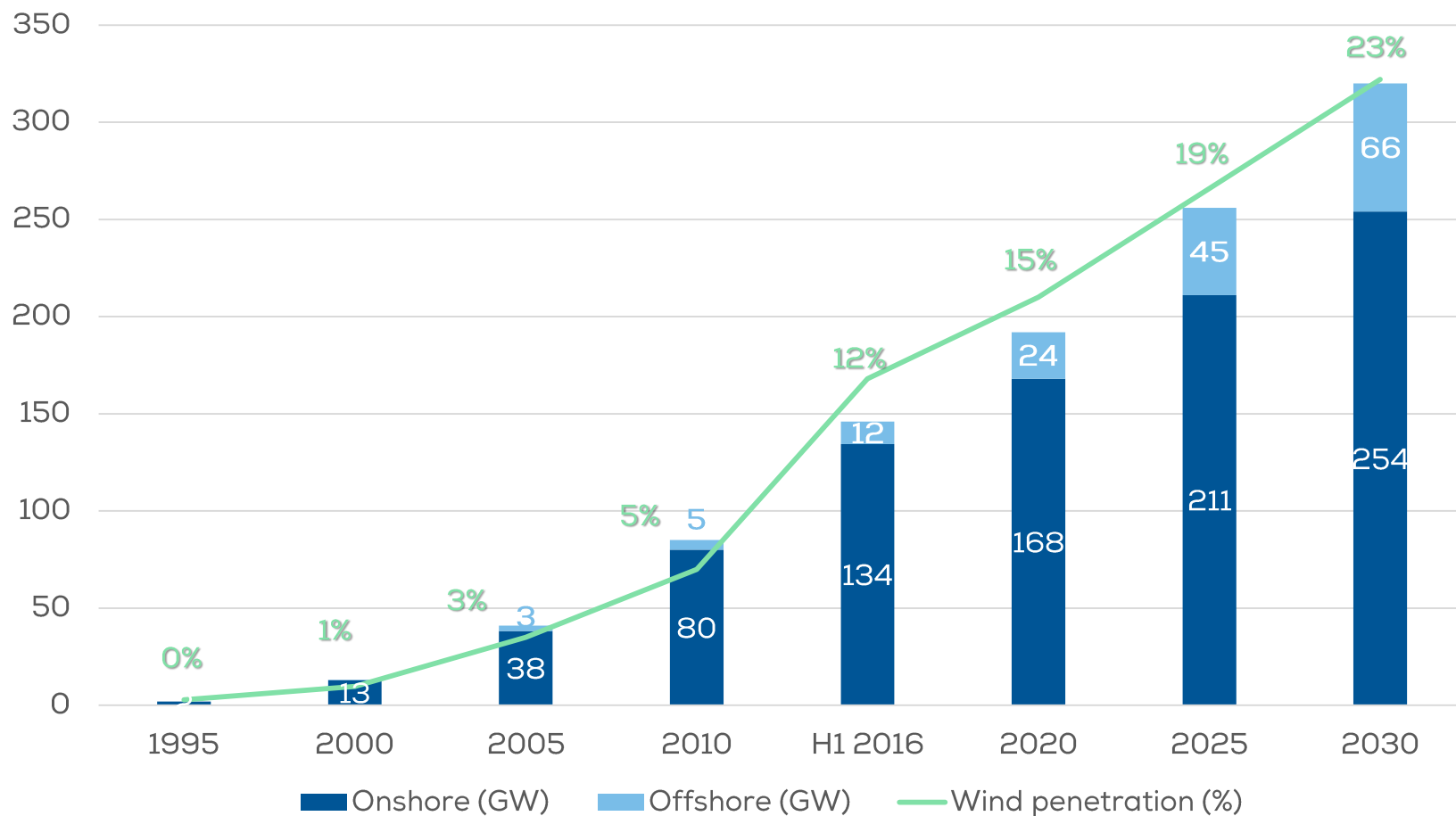
Power across the continent

146GW

12% of EU power consumption

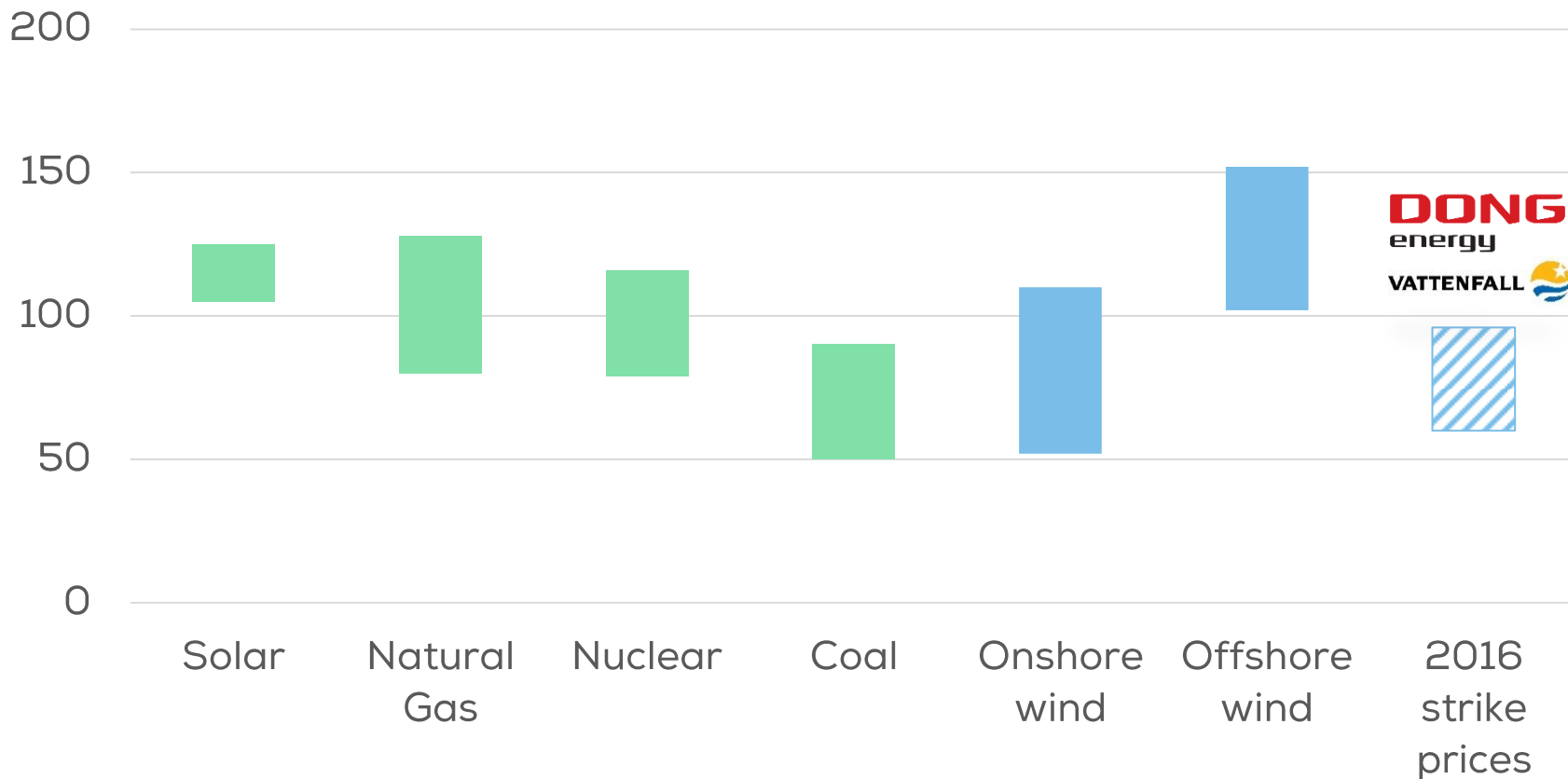


Decades of growth



Fully competitive in Europe

European LCOE (€/MWh)



Source: EC, 2014

A global market

Installed wind power capacity worldwide



Source: GWEC, 2015

Impact climate change Europe

- Floods and droughts impact thermal power stations
- Wind and changing weather: innovation ensures operability
- Storms and extreme weather events: risk for power infrastructure

Wind solutions for resilience

- Reducing emissions
- No water consumption
- A renewables grid

3 key steps

- Long term visibility and stability to reduce risks
- Expand power infrastructure
- Upgrade market design: flexibility is key