

WIND ENERGY IN EUROPE IN 2018

Trends and statistics

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Director of Public Affairs

Wind energy in Europe

189 GW

Of which:

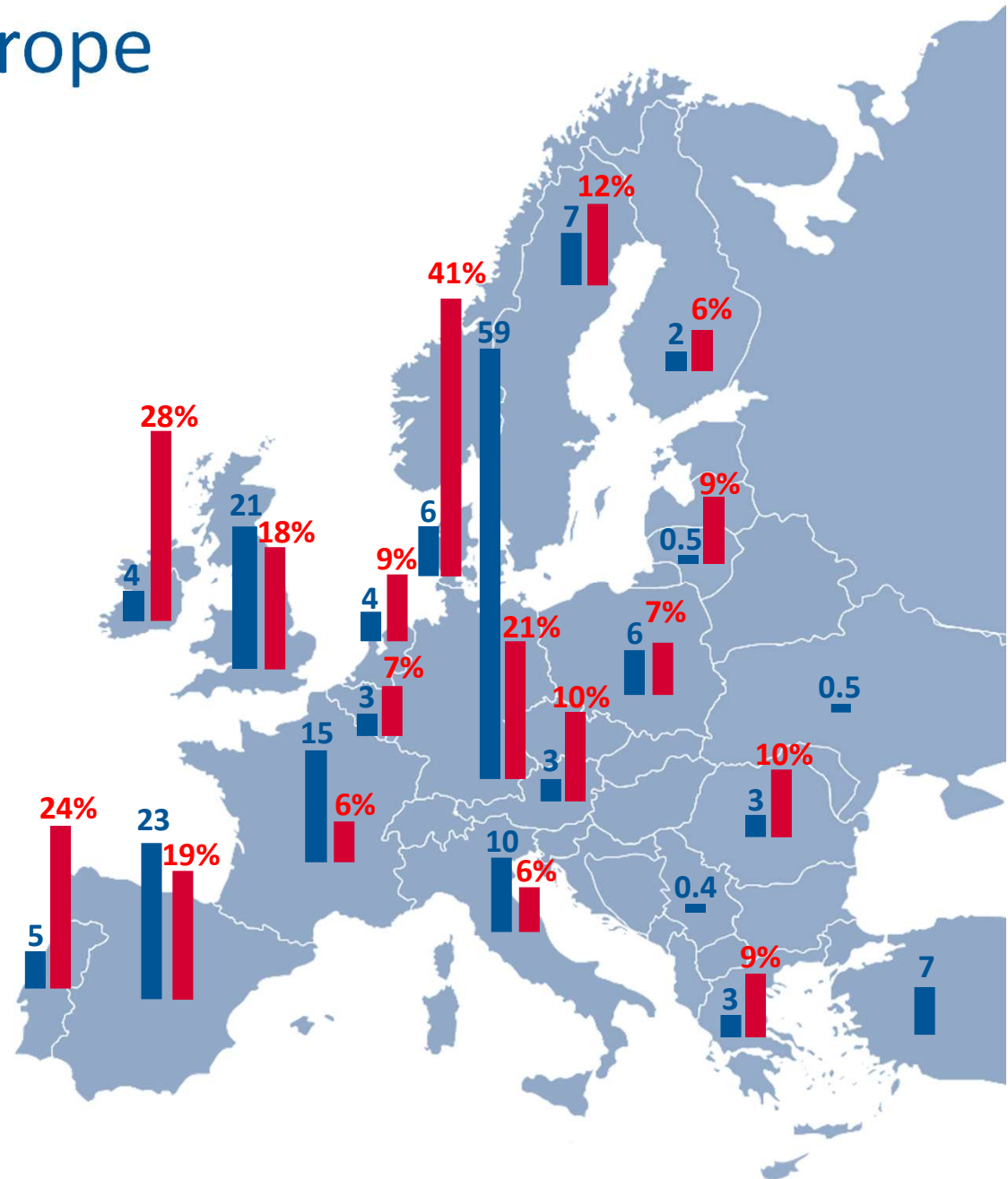
18.5 GW

offshore

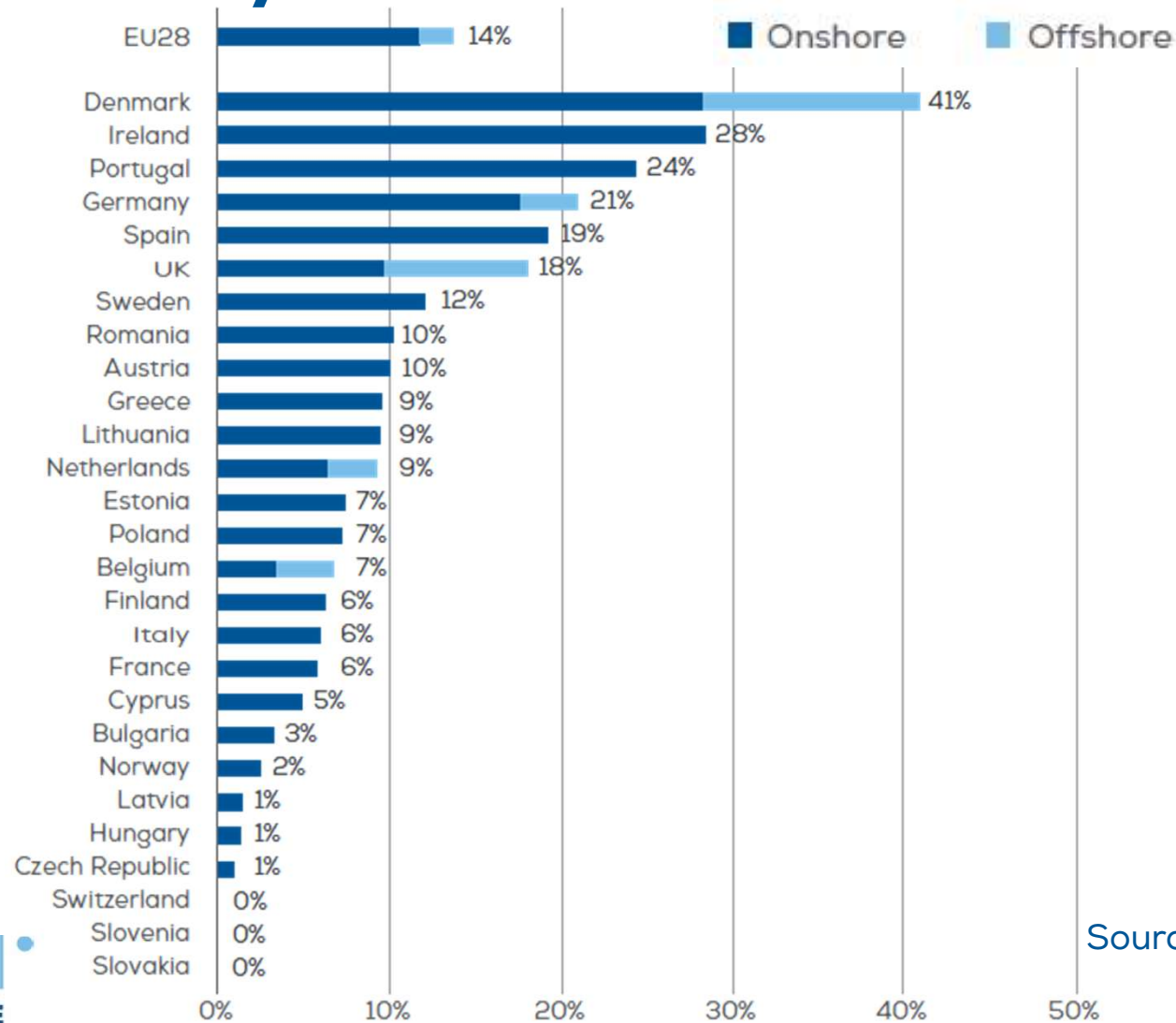
14%

of 2018 EU
power demand

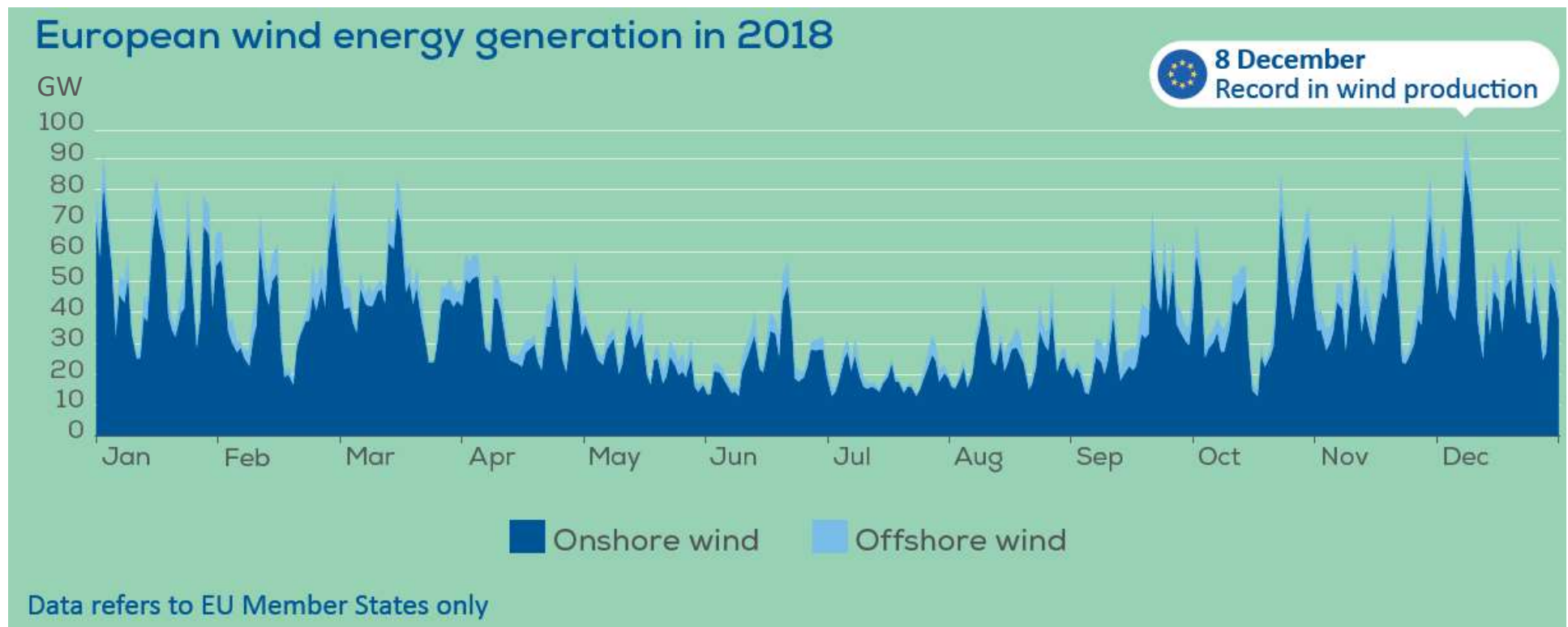
- GW installed
- % electricity demand



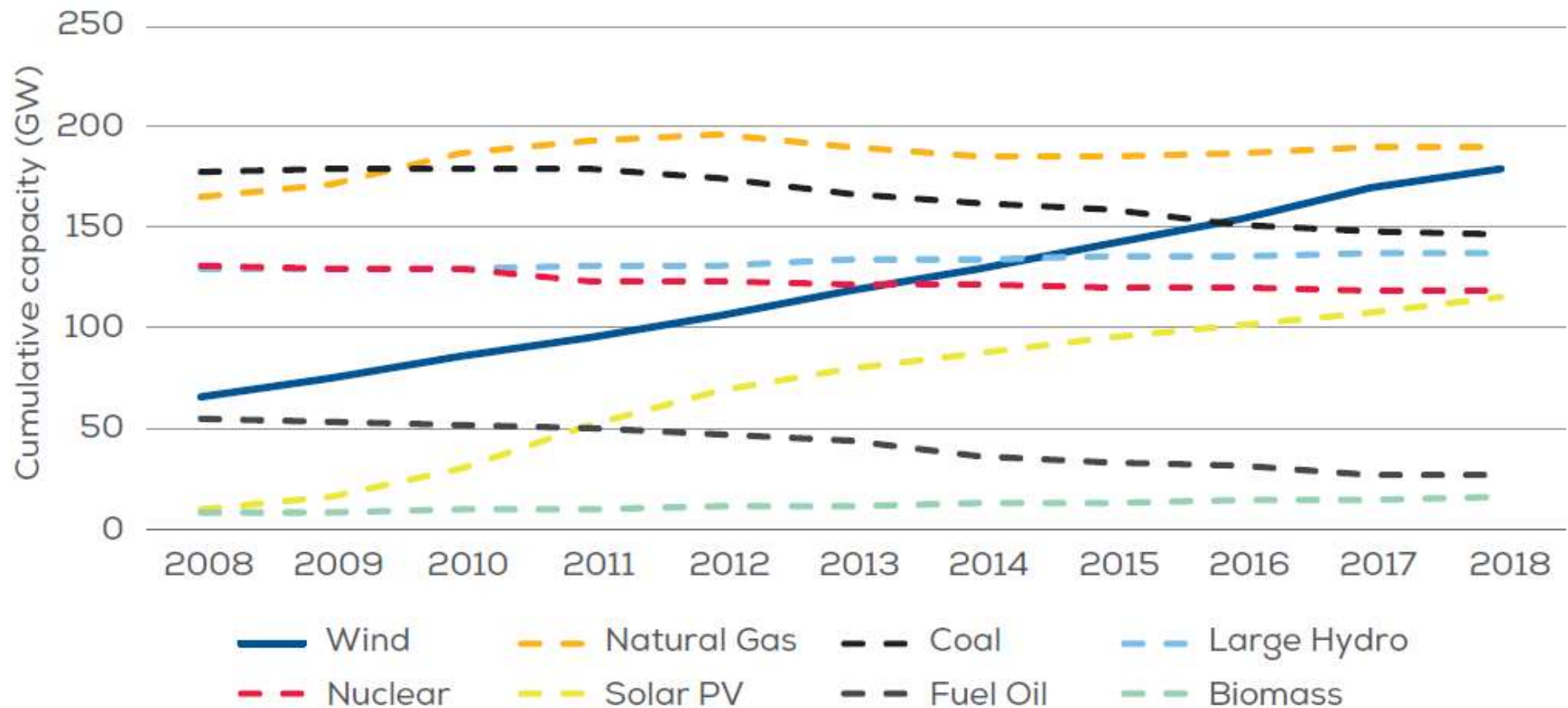
Wind is now 14% of EU's electricity demand



Providing baseload power



Wind has the 2nd largest power capacity in the EU



Wind will become the largest power source in the EU by 2027

according to IEA

2018 INSTALLATIONS OVERVIEW

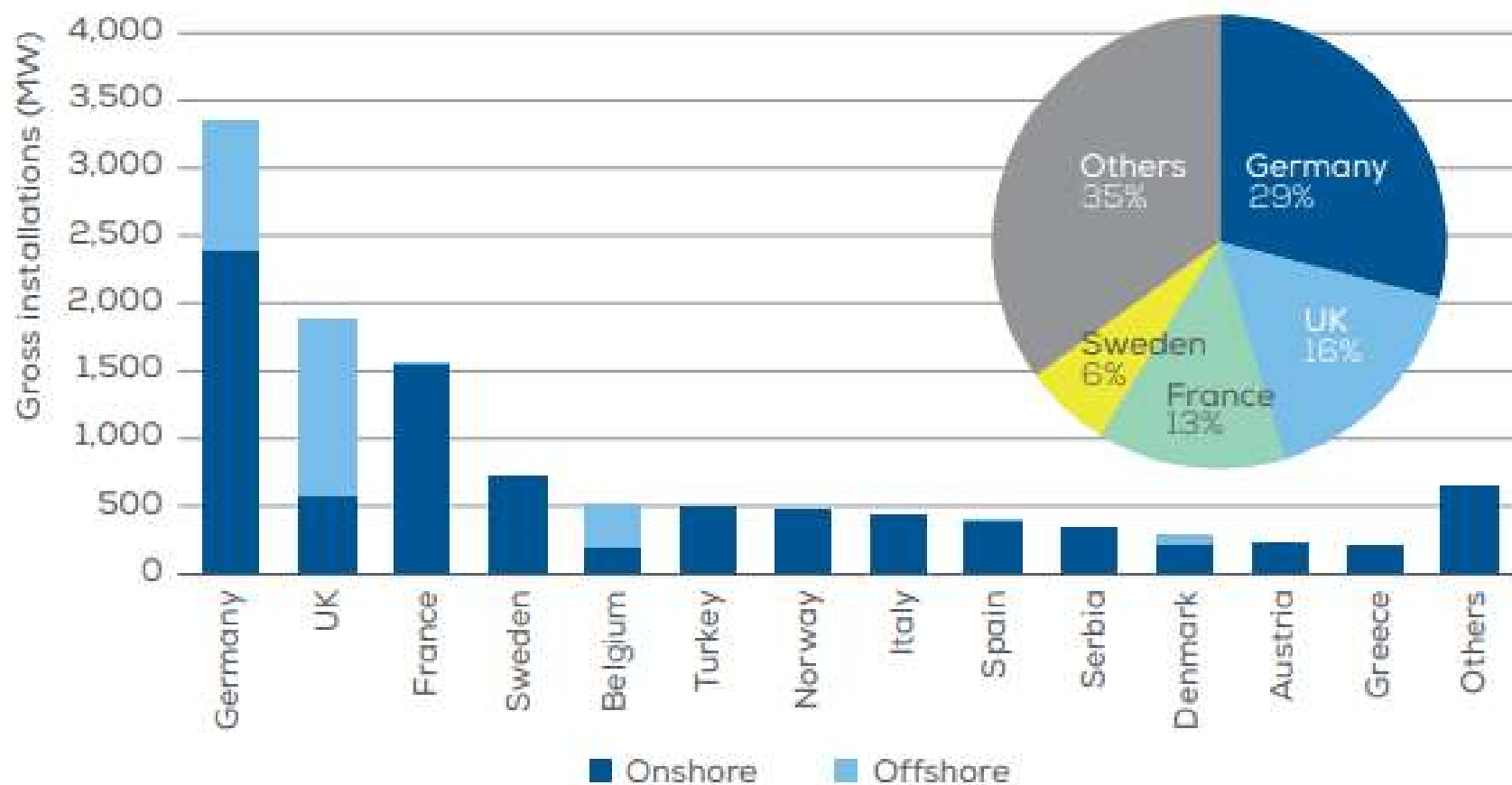
Wind[•]
EUROPE



Worst year for installations since 2011

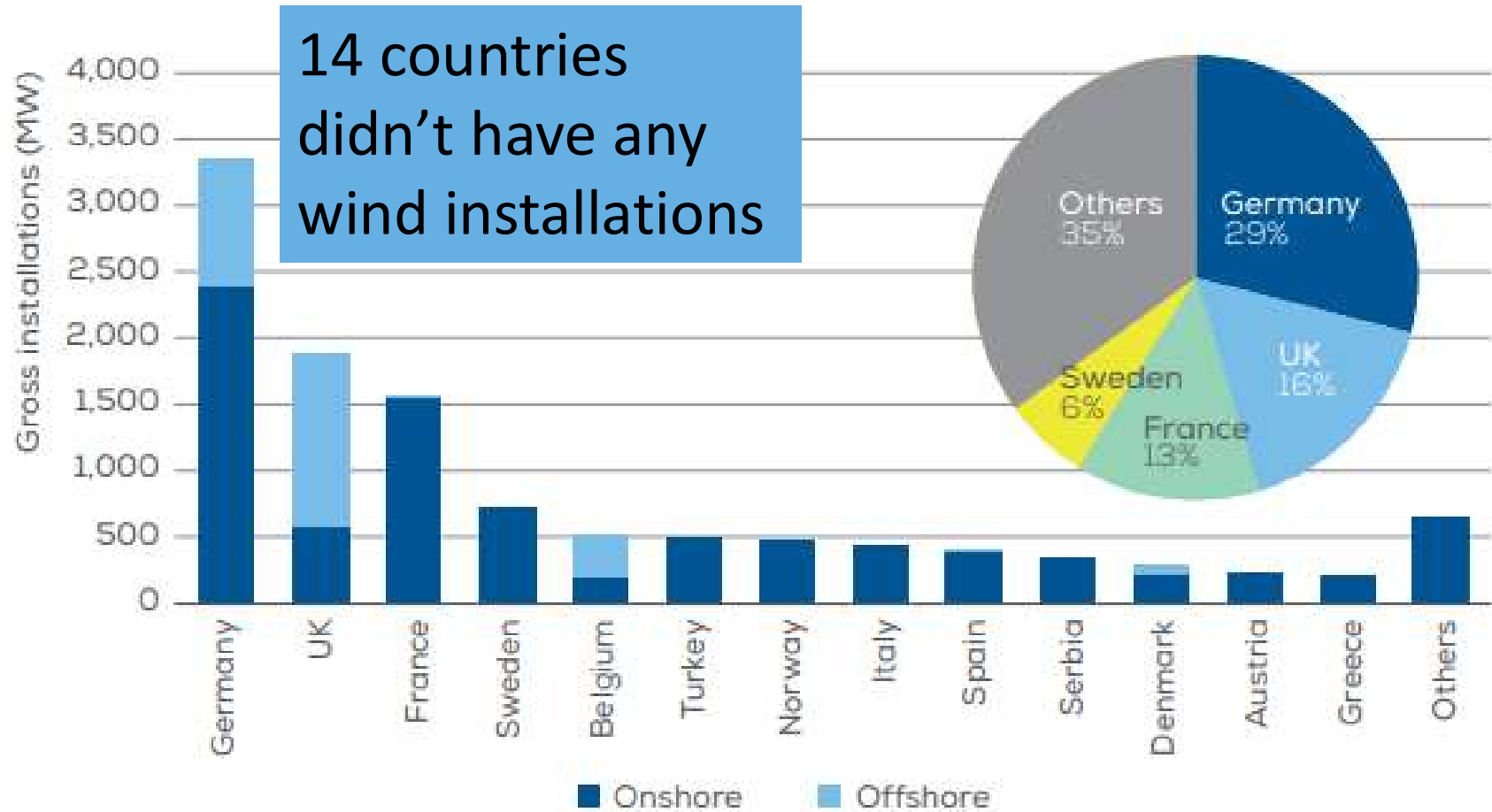


Close to 2/3 of installations came from 4 countries



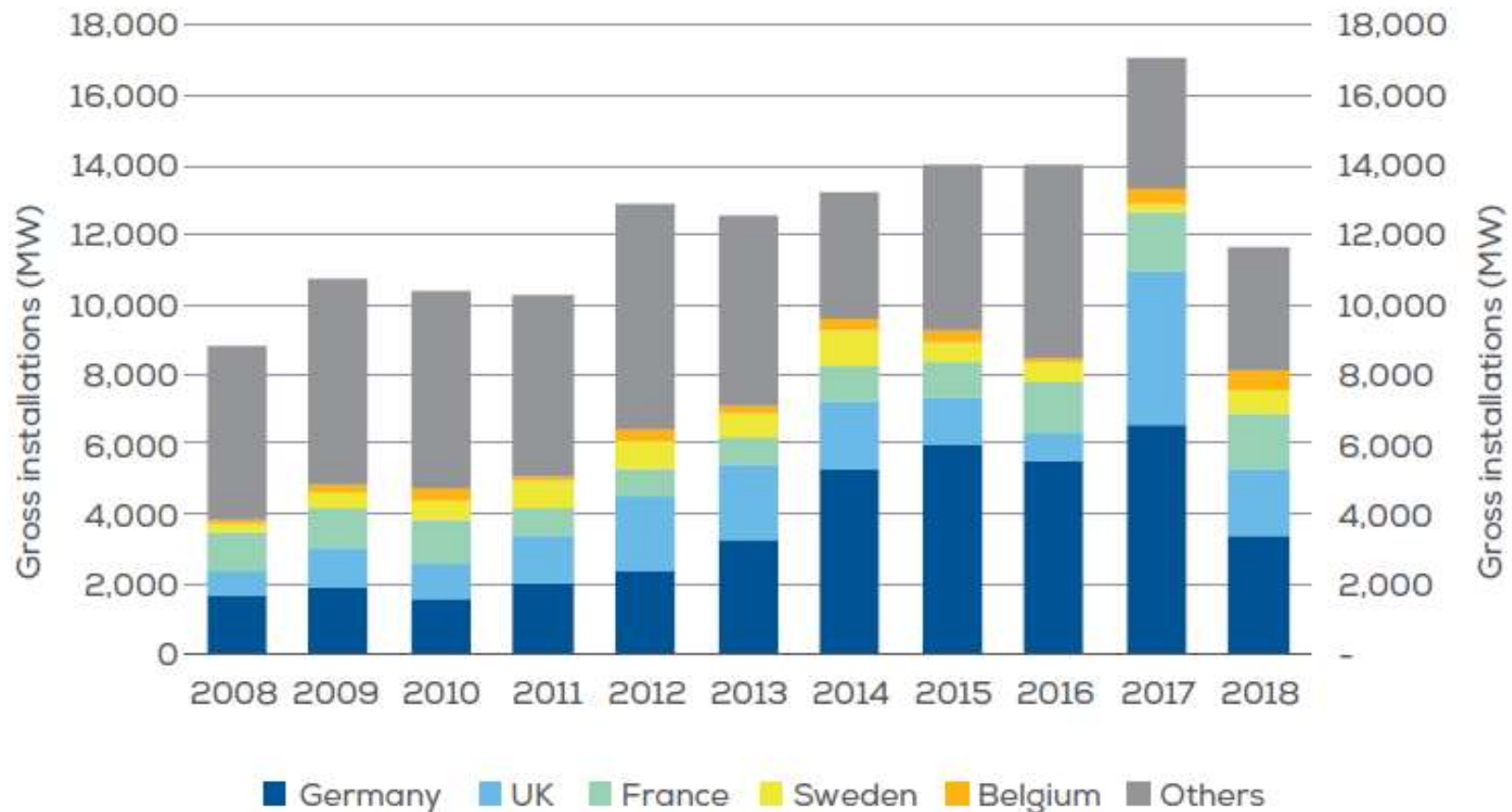
Source: WindEurope

Close to 2/3 of installations came from 4 countries



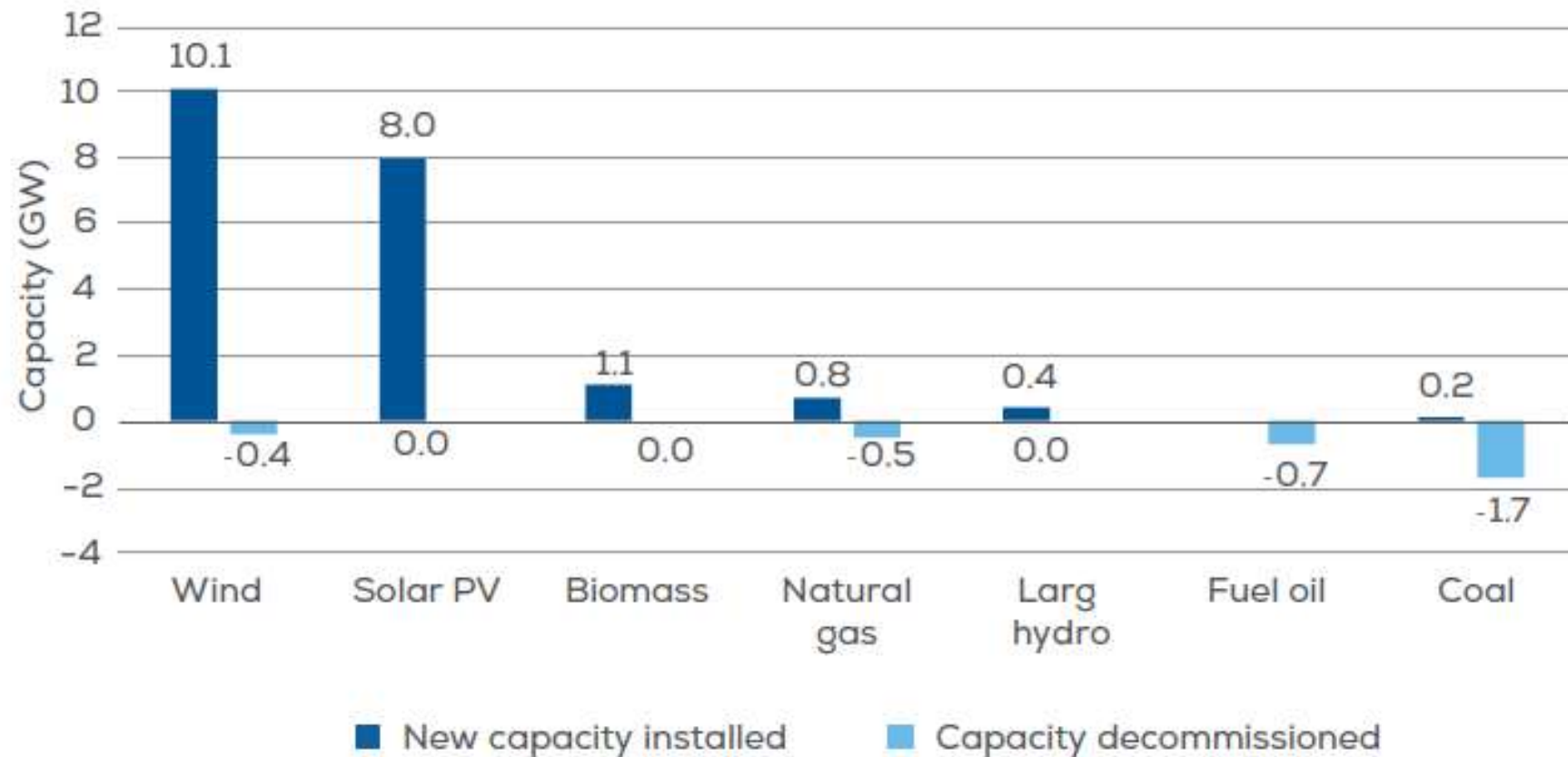
Source: WindEurope

44% of installations came from the UK and Germany



Source: WindEurope

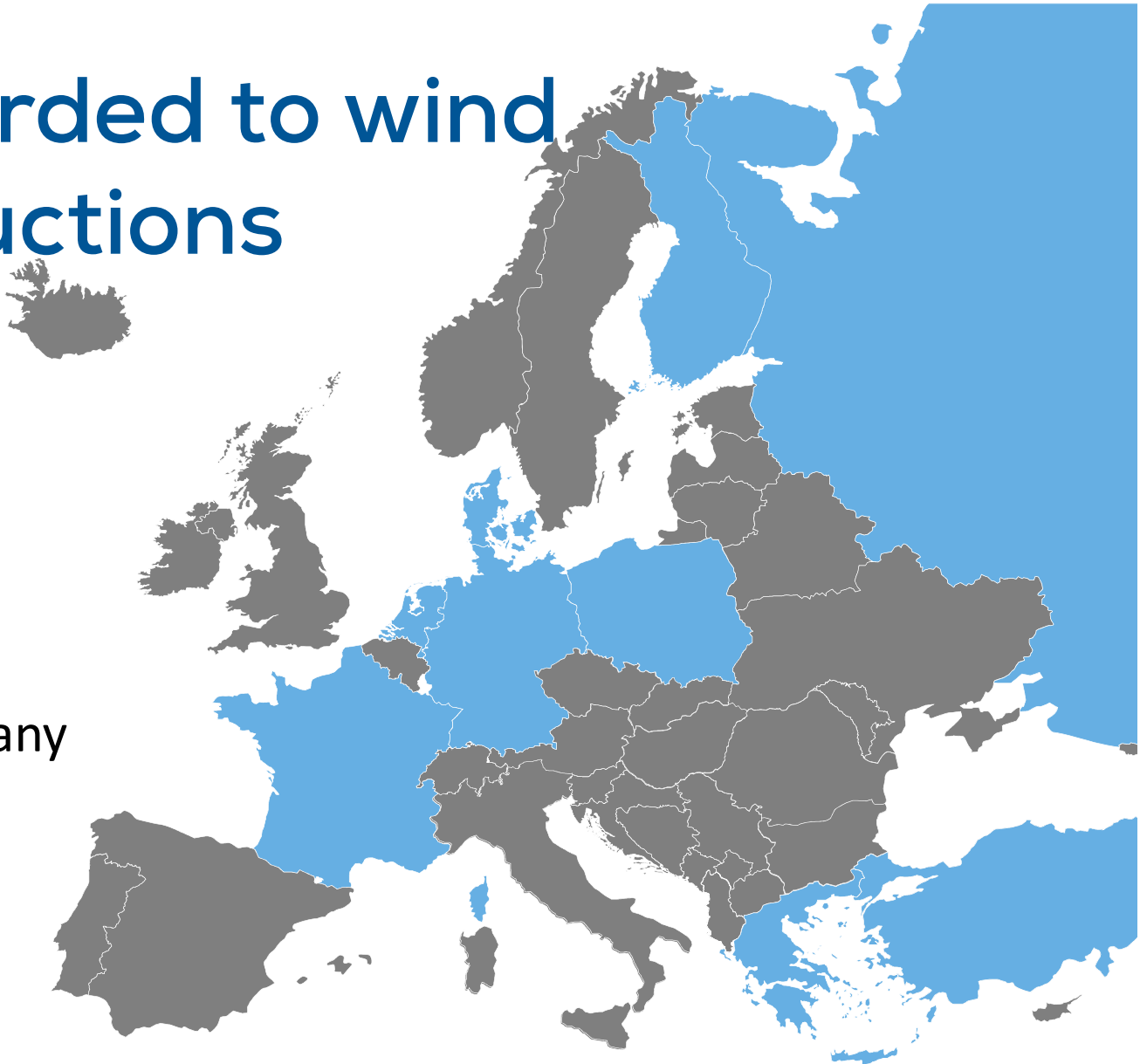
49% of new power installations in EU-28 came from wind



Source: Platts, SolarPowerEurope, WindEurope

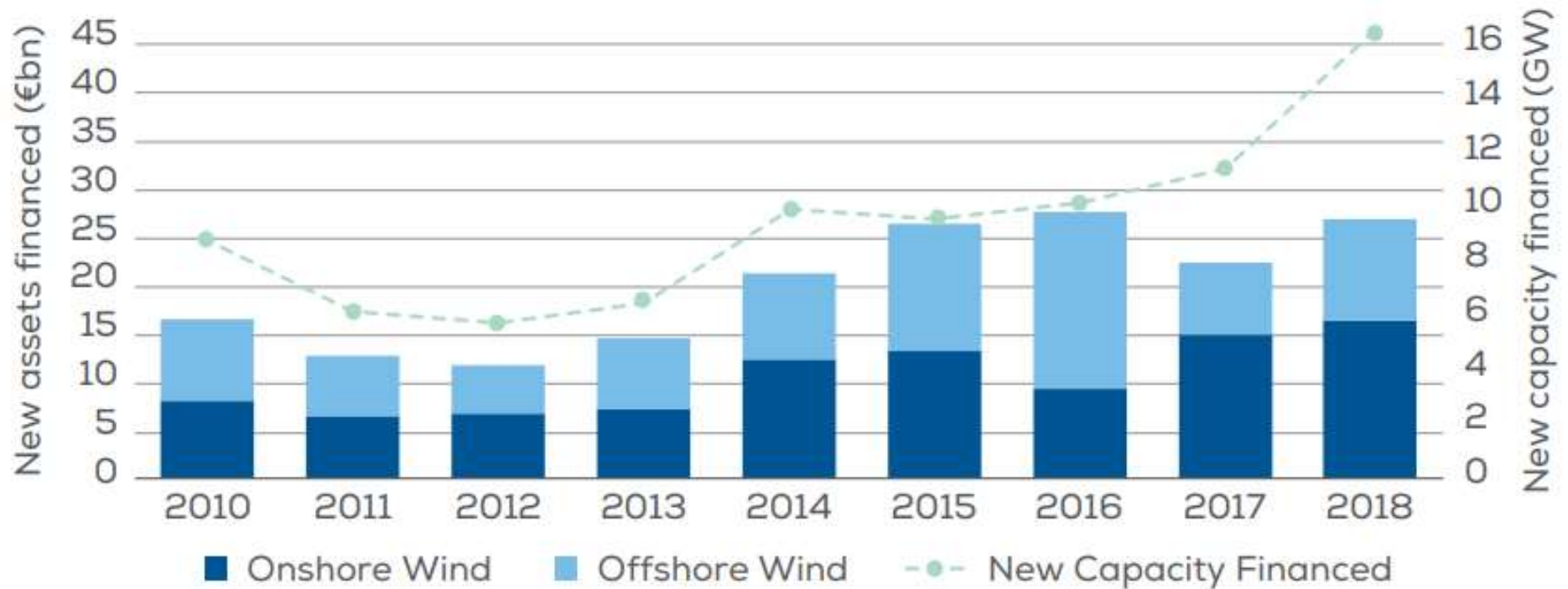
9 GW awarded to wind through auctions

- Undersubscribed auctions in Germany and France



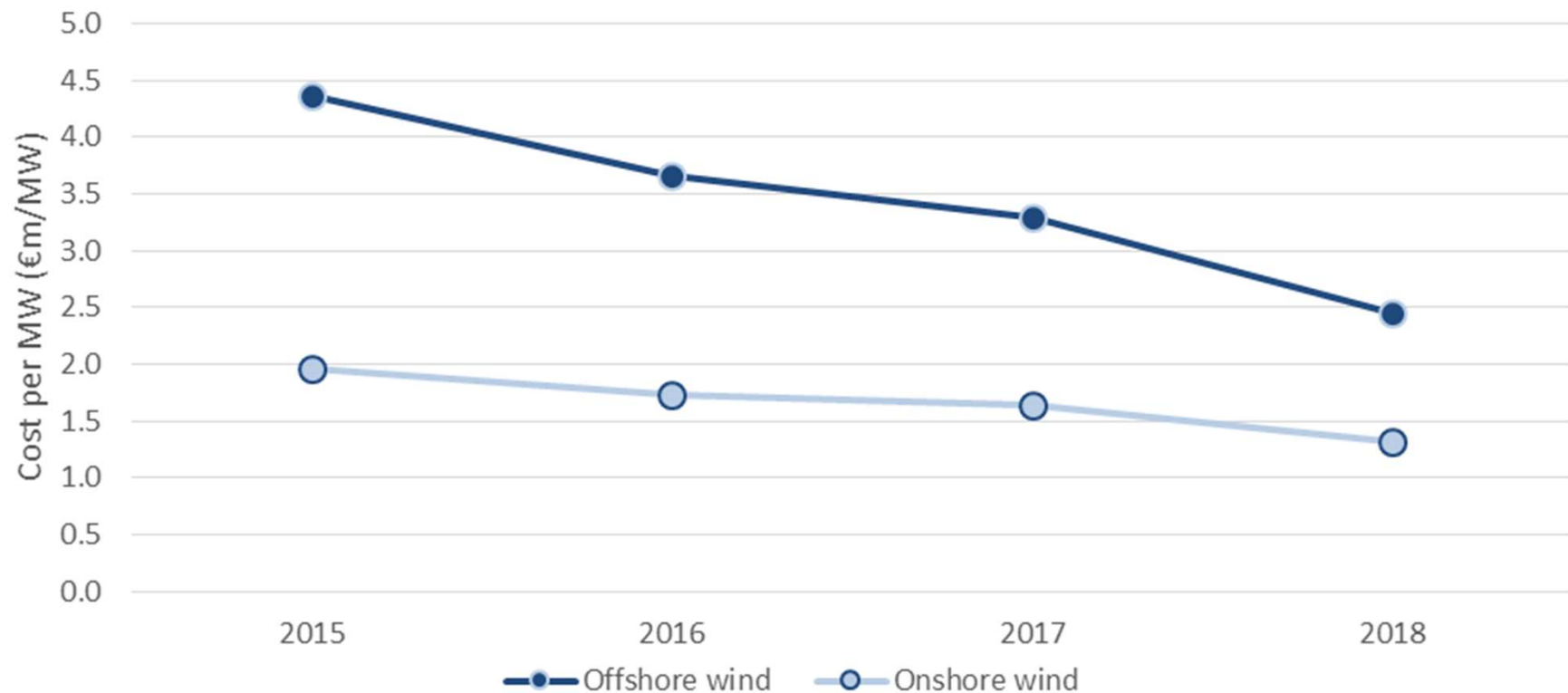
Source: WindEurope

46% more capacity financed than in 2017

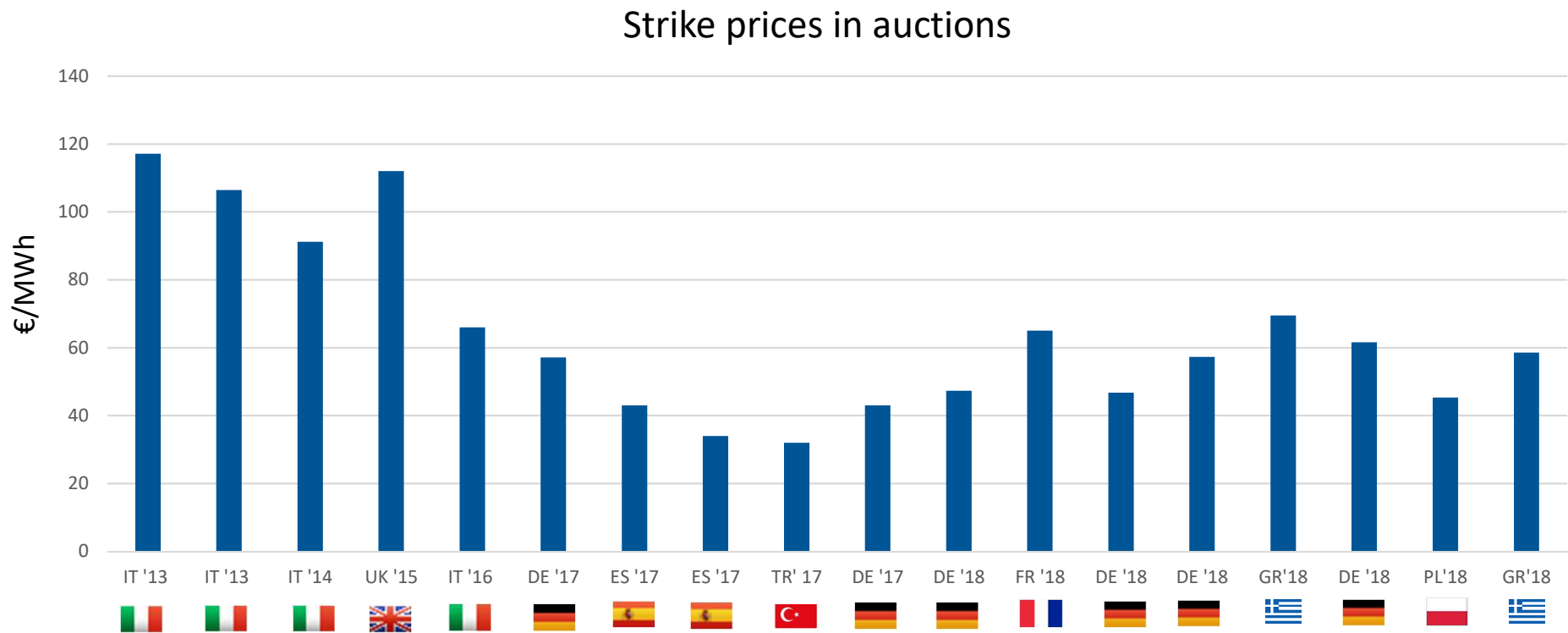


Source: WindEurope

CAPEX of new wind farms is steadily decreasing



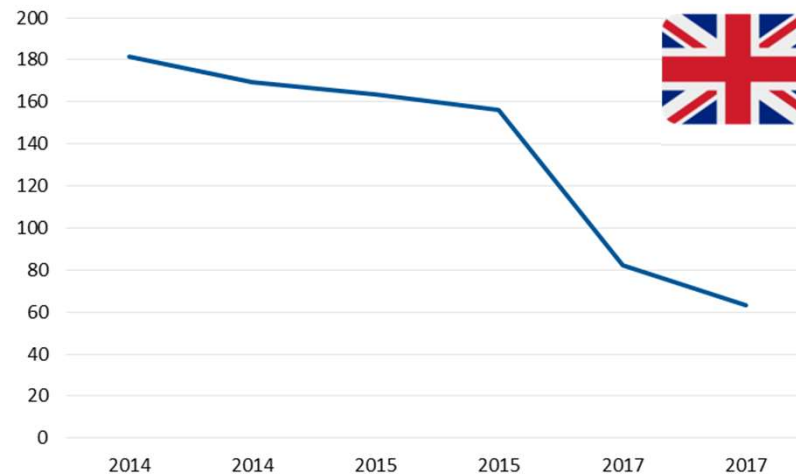
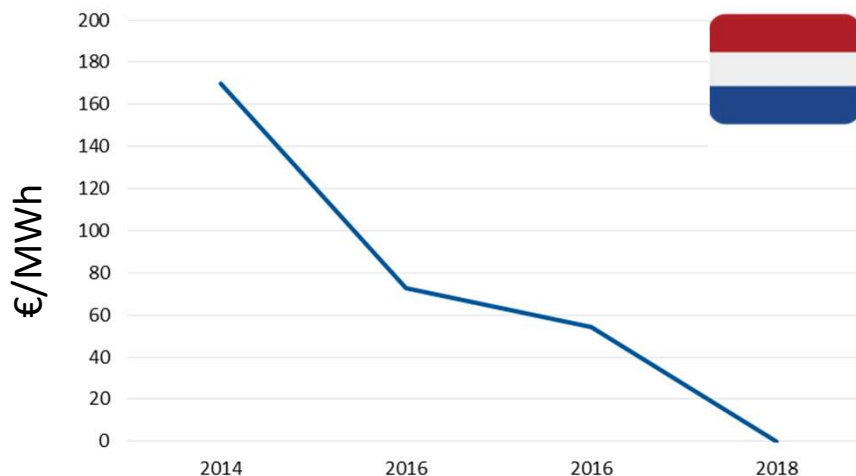
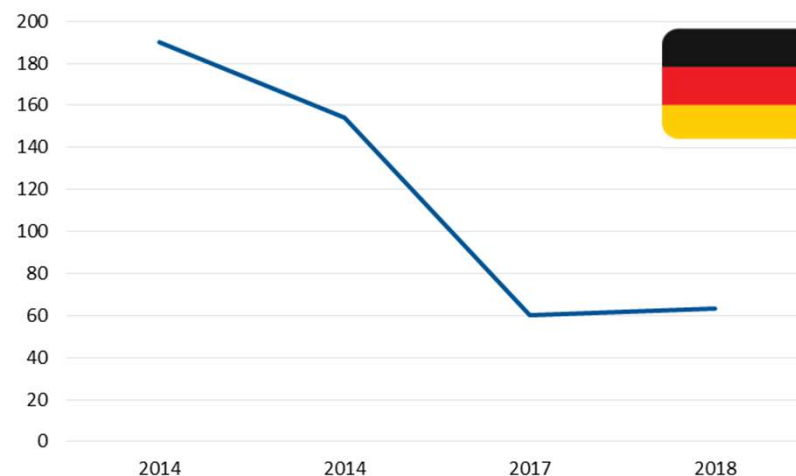
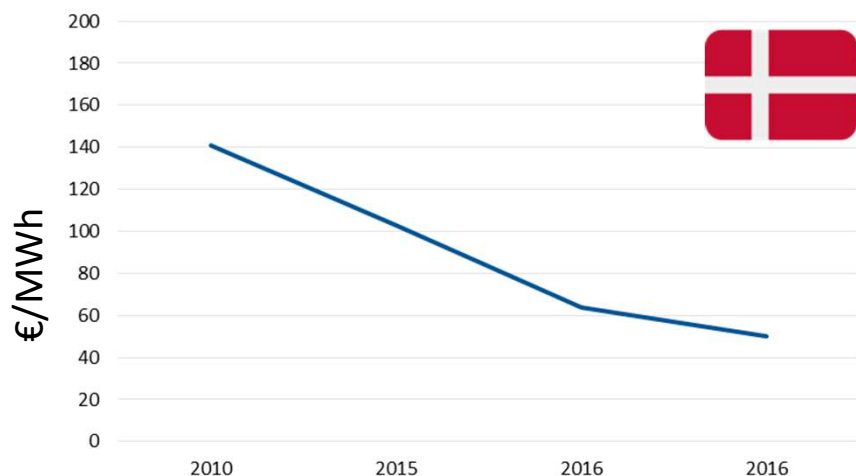
The cost of onshore wind is decreasing



Source: WindEurope

The cost of offshore wind is also decreasing

Strike prices in auctions



Have ambitious National Plans

PROJET
de
PLAN NAT
INTEC
ENERGIE-
de
FRA

ΕΘΝΙΚΟΣ ΕΝΕΡΓΕΙΑΚΟΣ



ΕΘΝΙΚΟ ΣΧΕΔΙΟ

PROPOSTA DI PIANO
NAZIONALE INTEGRATO
PER L'ENERGIA E IL CLIMA

Ministero dello Sviluppo Economico

Ministero dell'Ambiente e della Tutela del Territorio e del Mare

Ministero delle Infrastrutture e dei Trasporti



РЕПУБЛИКА БЪЛГАРИЯ
Министерство на енергетиката

ПРОЕКТ НА ИНТЕГРИРАН ПЛАН В
ОБЛАСТТА НА ЕНЕРГЕТИКАТА И КЛИМАТА
НА РЕПУБЛИКА БЪЛГАРИЯ

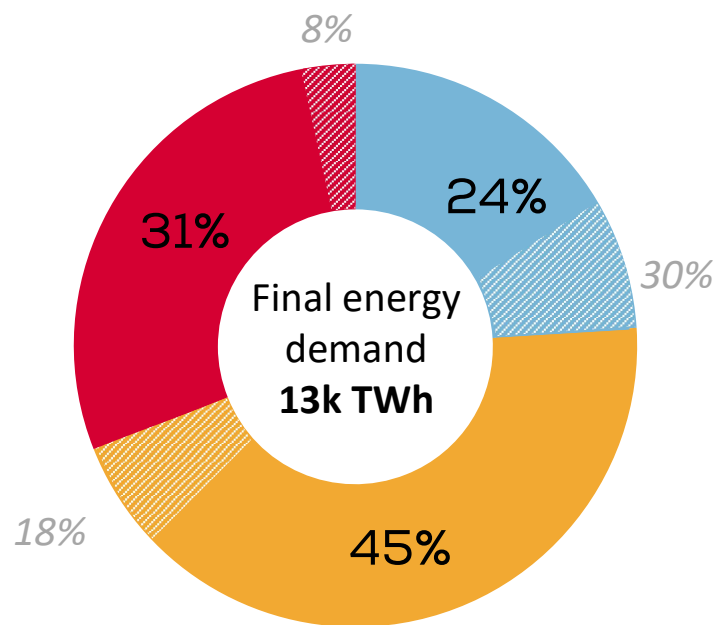
Janv

Get permitting right

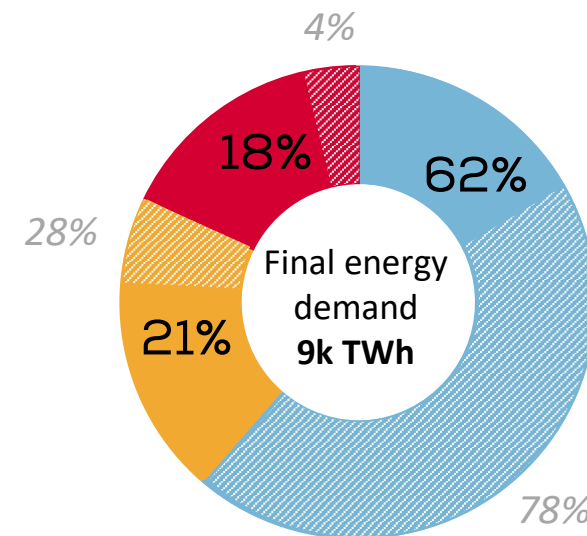


Accelerate RES-based electrification

2018



2050



■ Power ■ Heat ■ Transport

▨ Share of renewables in the sector

IN 2019 JOIN US IN BILBAO, SPAIN

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EUROPE

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Find out more at: windeurope.org/confex2019