



# Energy Transition | Internationalisation of Offshore Wind

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at DISE 5th Jubilee Energy Congress

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## Strong position

- › 5.5 million customers
- › 13 GW generation portfolio
- › 20,000 employees



## Solid financial figures<sup>1</sup>

- › Revenue: € 20.6 bn
- › Adj. EBITDA: € 2.16 bn
- › Ratings in A category



## Know how of a fully integrated utility – since 1899

- › Over 100 years of tradition and experience
- › Units: Sales, Grids, Renewables, Generation & Trading
- › Inhouse experts along the whole energy value chain

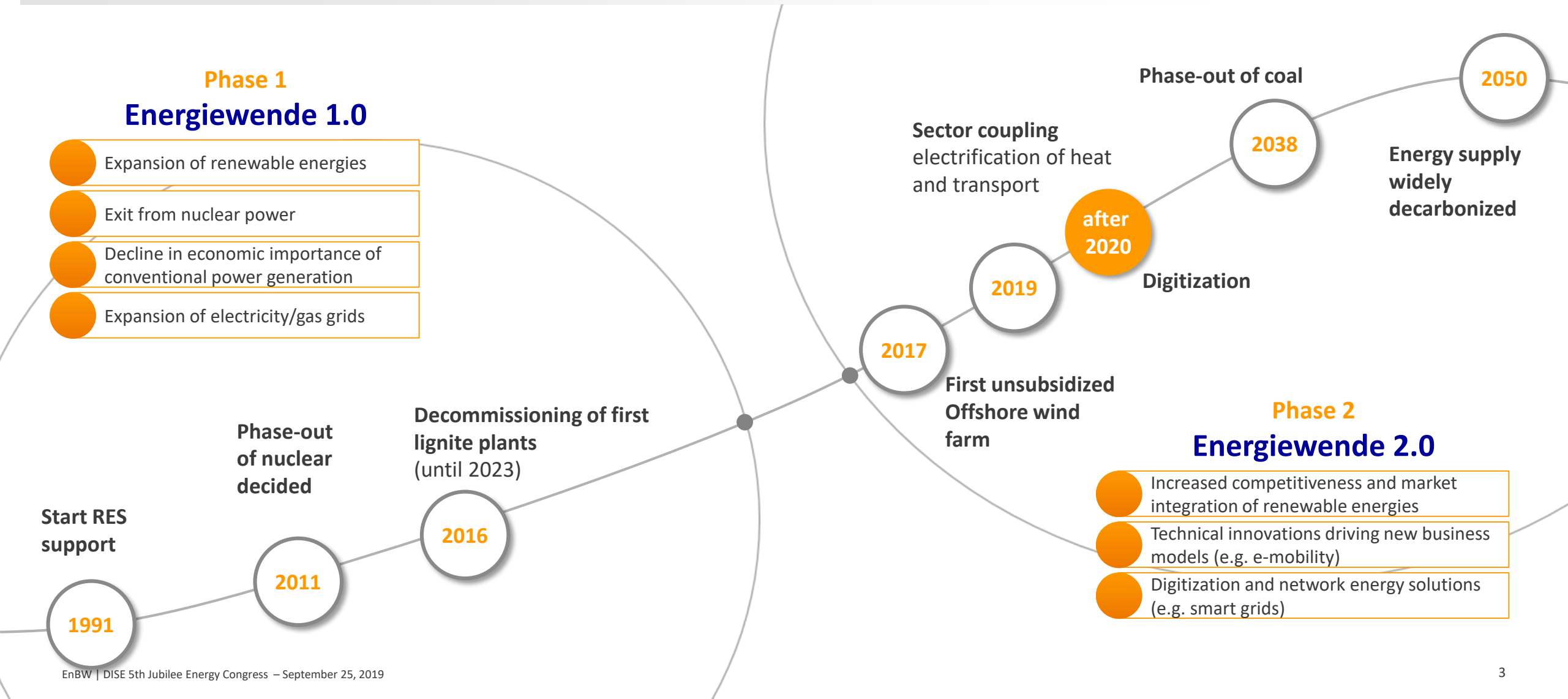


## International outlook on offshore wind

- › International project development for 4 years
- › Over 4 GW offshore wind pipeline worldwide
- › Strong position in European home market

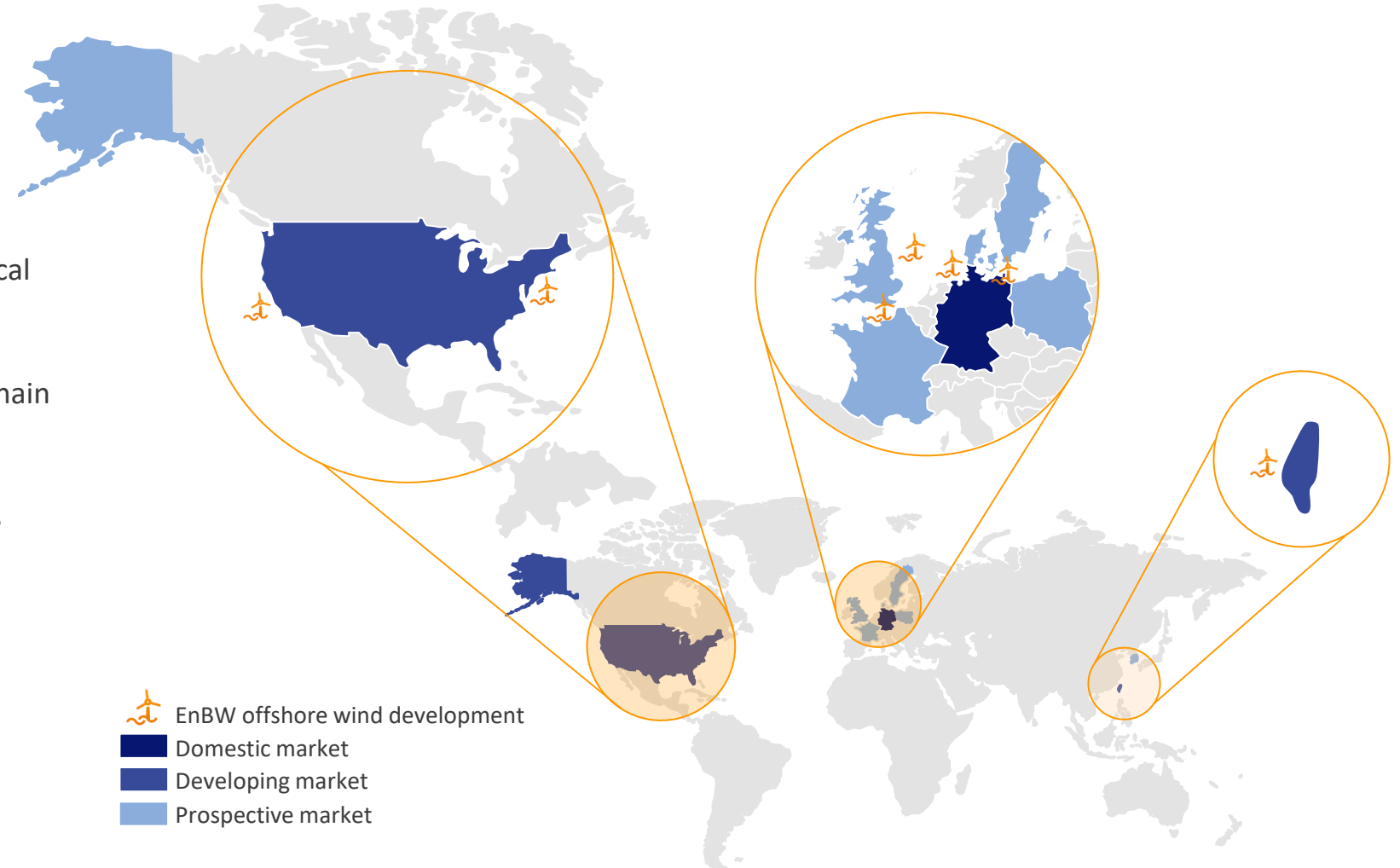


<sup>1</sup> Integrated annual report 2018



## Path forward – 2025

- Establishment of new local offices with local employees and network
- Contribution to local market and supply chain development
- Long-term presence in USA and Taiwan as well as in prospective market



# Costs of newly build power plants with COD in 2025

## Nuclear

135  
€/MWh

Example UK project Hinkley Point C

## Coal

70 – 110  
€/MWh

Newly build coal fired power  
plants

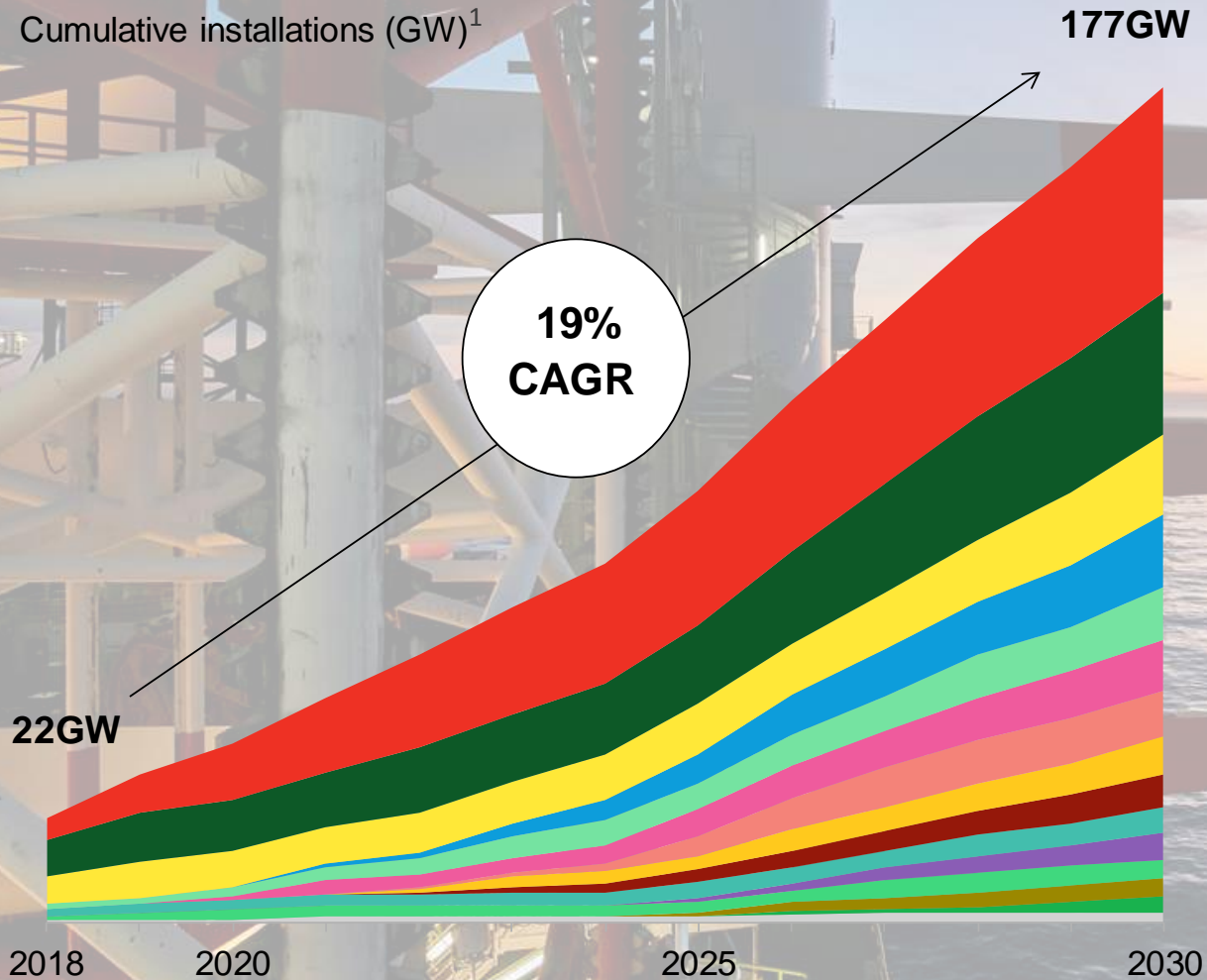
## Offshore Wind

50 – 60  
€/MWh

Offshore wind farms in Germany  
without grid connection

# Offshore Wind Potential globally

Cumulative installations (GW)<sup>1</sup>



- Growth in jobs and investment
- Reduction in energy dependency and green house gas emissions

## Benefits of offshore wind in Poland



**Economic growth along the entire value chain throughout Poland**

**Reduced import dependency from coal**

**120 bln PLN investment through offshore wind projects by 2040 (10 GW installed)**

**38,000 possible full time, long-term and high-profile jobs in the offshore wind industry in Poland by 2040 (10 GW installed)**