# We make it happen.
# For a sustainable future »

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EnBW | Asia Pacific 安能亞太有限公司

# EnBW Germany's Leading Utility

EnBW | Asia Pacific 安能亞太有限公司

## Strong position

- 5.5 million customers
- 13 GW generation
- 21,000 employees
- HQ in Germany's economic power house

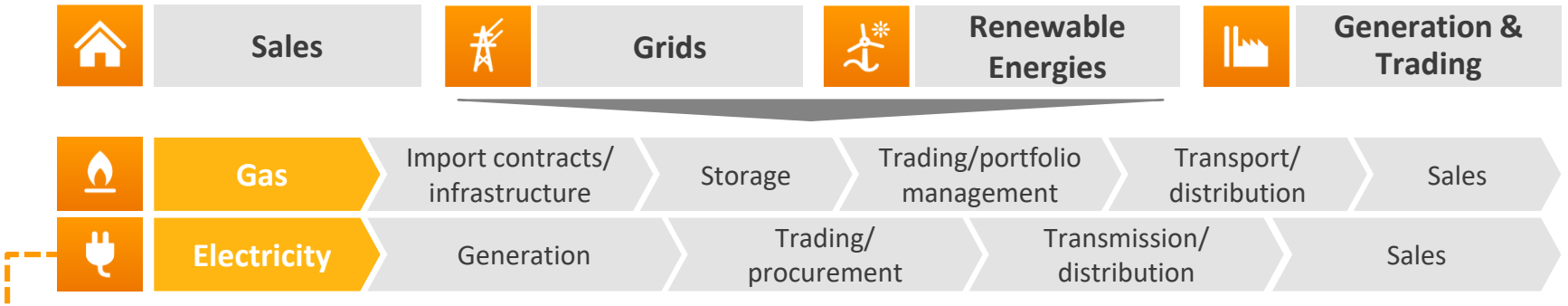
## Balanced risk/return profile

- Focus: renewables and grids
- 50% EBITDA contribution from low-risk business
- Financial ratings: A
- Foreign markets: 8% revenue

## Solid financial figures

- Revenue: €22 bn
- Adj. EBITDA: €3.8 bn
- Adj. group net profit: € 2.2 bn

## Four business segments of a fully integrated utility




**We have experts along the value chain supporting complex projects with their versatile expertise**

# EnBW's Global Offshore Wind Portfolio

## EnBW is an experienced Offshore Wind Developer and on a successful growth course

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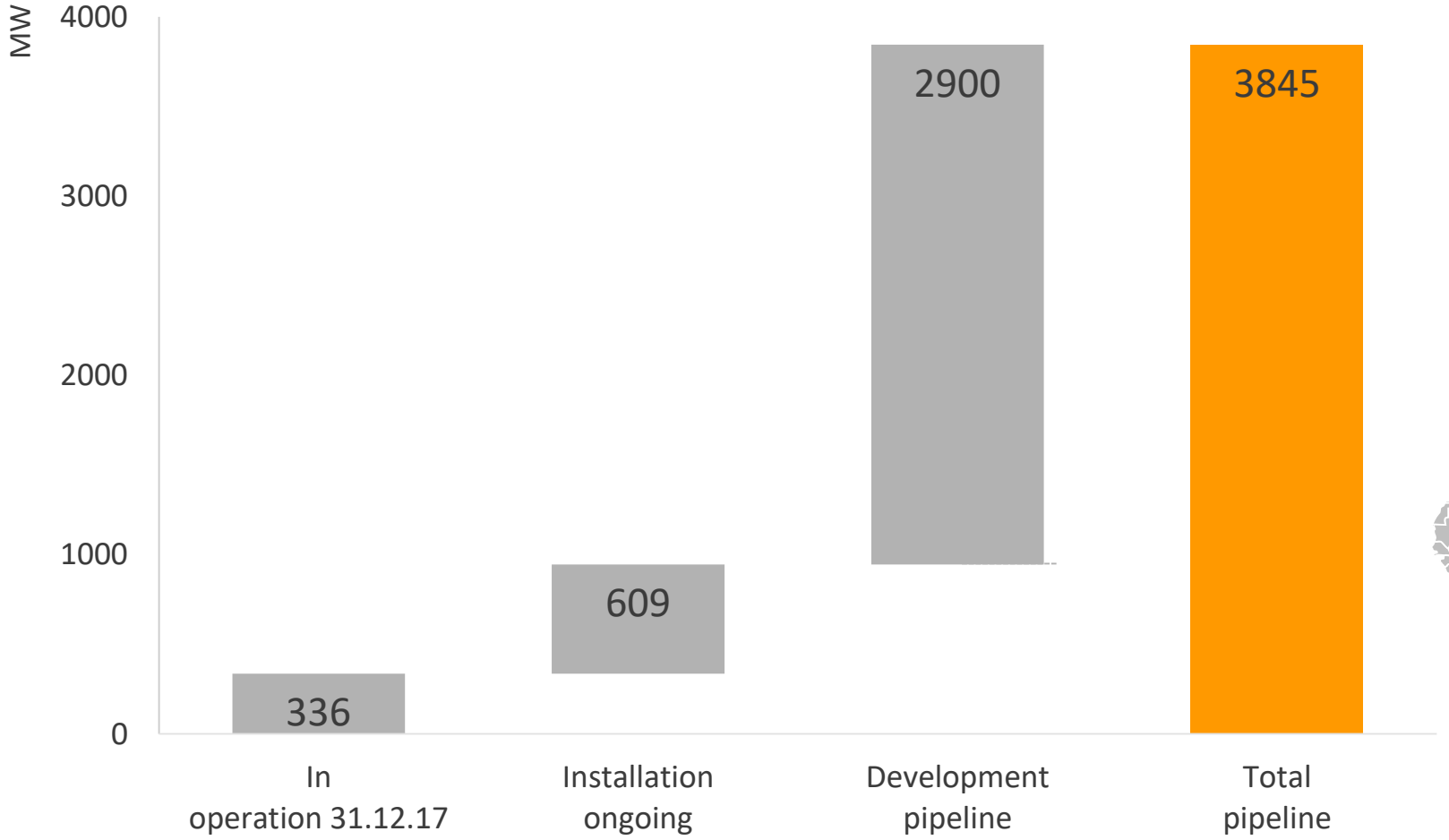
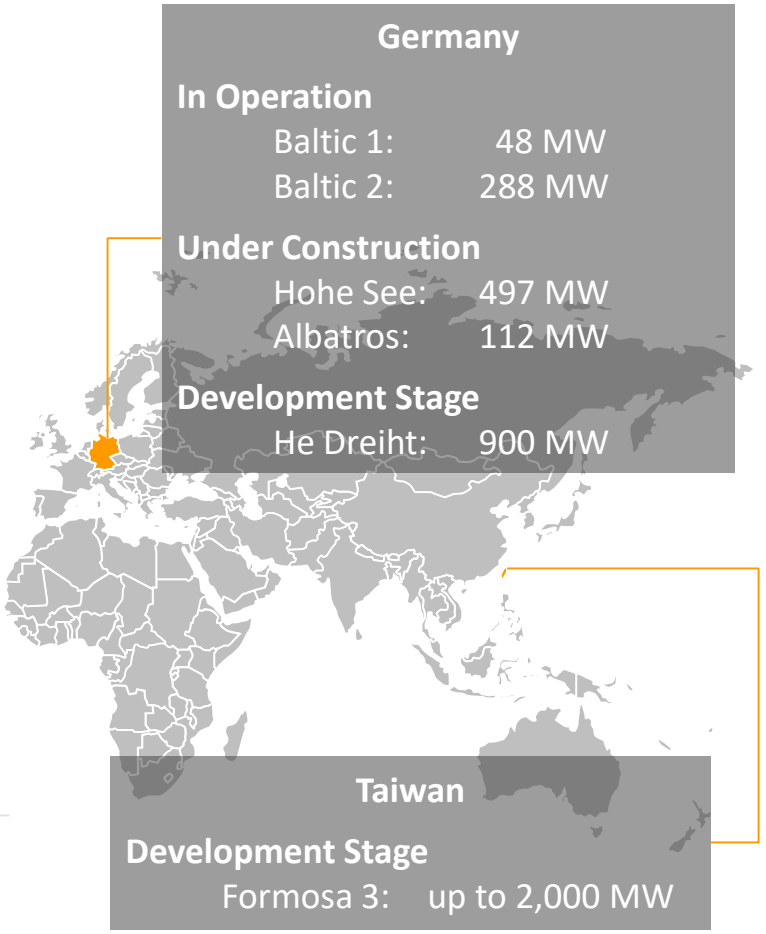


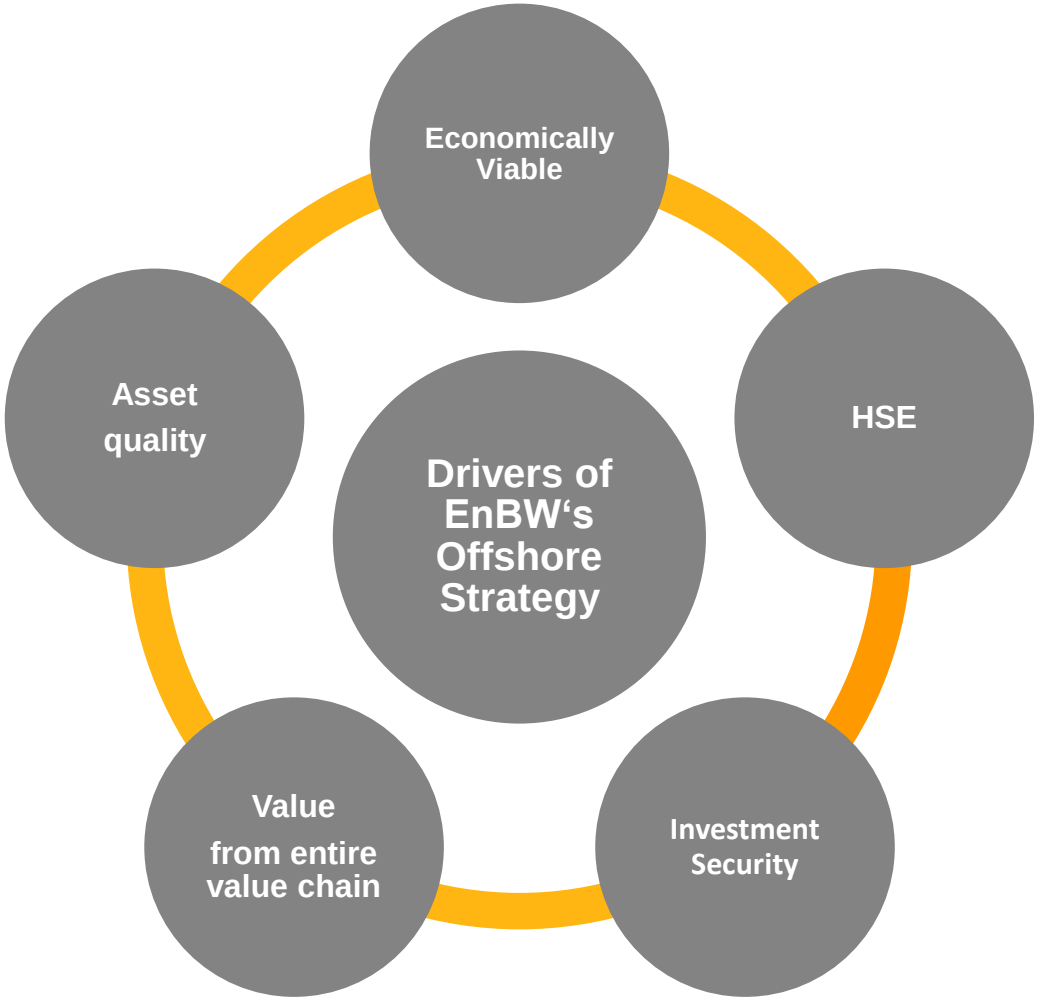



# EnBW's participation in Taiwan's next auction

## Taking the next step in Taiwan's Energy Transition 2026 – 2030

**Taiwan is rolling out it's energy strategy for 2026 – 2030**
**Offshore Wind with 4,5GW EIA qualified projects is the key.**

- **Taiwan has experience in auctioning now**
- **Grid Capacity 2025 on**: Taipower upgrades in Changhua will lead to existing grid capacity, more built out will be economic beneficial.
- **Momentum**: a new auction **Q2 2019** would help to complement 2026+ Energy Policy Goals of Taiwan.



# **Be a Partner for Taiwan's Energy Transition**:
## EnBW's Energy Transition Experience in Germany

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- **Changing business model – from conventional power to renewable energies**
  - From 2012 to 2020, EnBW faces an income reduction of 80% from conventional power, which will be compensated by an 250% increase of income from renewable energies, especially offshore wind.

- **Nuclear phase-out**
  - We will shut down the last 2 of total 5 nuclear power plants by 2022, starting the challenging decommissioning and the final storage of radioactive materials

- **TSO and DSO facing the challenges of integrating a growing share of renewable energies**
  - We have to manage the connection of renewable and diversified generation sources to load centres, the challenges from a highly volatile renewable energy feed-in

**As a vertically integrated energy utility, EnBW understands that offshore wind is only one facet of the energy market transformation and is eager to support creating a holistic and functioning energy market along the whole value chain, including grid and market integration of the plants.**

# EnBW is a long-term partner for Taiwan

- **We are dedicated to building fruitful partnerships in Taiwan**
  - We built the 1st commercial OWF in Germany and won the 1st German offshore wind auction with a zero-subsidy, and we will support our partners in Taiwan in becoming major players of the offshore wind market
  - TaiPower will have to integrate a large amount of offshore wind power, and EnBW as a transmission system operator (TSO) knows that is no easy task. We are happy to support TaiPower in ensuring a stable energy grid which has to face a volatile, but manageable, feed-in from renewables

- **We are a long term partner: Developing + Operating**
  - Taiwan is one of the most interesting growth markets worldwide
  - We are eager to support the development and professionalization of the local supply chain, creating a hub for the whole Asian market
  - Our strategy: long-term investments includes developing + constructing + operating offshore wind farms

**Beyond developing its own offshore wind farms, EnBW is interested in supporting the overall success story of Taiwan offshore wind. We knows the challenges along the way and how to master them on various levels of the energy value chain.**

# Contact us in Taiwan

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