



# Asia Pacific.

A market with great investment potential for offshore wind farms.

The Asia-Pacific region will become an increasingly important market for investors, developers, operators and manufacturers of offshore wind farms.

Global Wind Energy Council predicts a massive annual growth of 14.4% in global offshore wind installed capacity until 2030, driven by Asia. Taiwan will become the second largest offshore market after China in the Asia-Pacific, installing 5.5GW of offshore wind power by 2025 and about 1GW of new capacity each year going forward.

## **DON'T LET CHALLENGES STOP YOU.**

Even with governmental support and attractive feed-in tariffs that makes offshore wind a cost-effective energy solution in Asia-Pacific, limited experience in the emerging market results in a number of challenges.

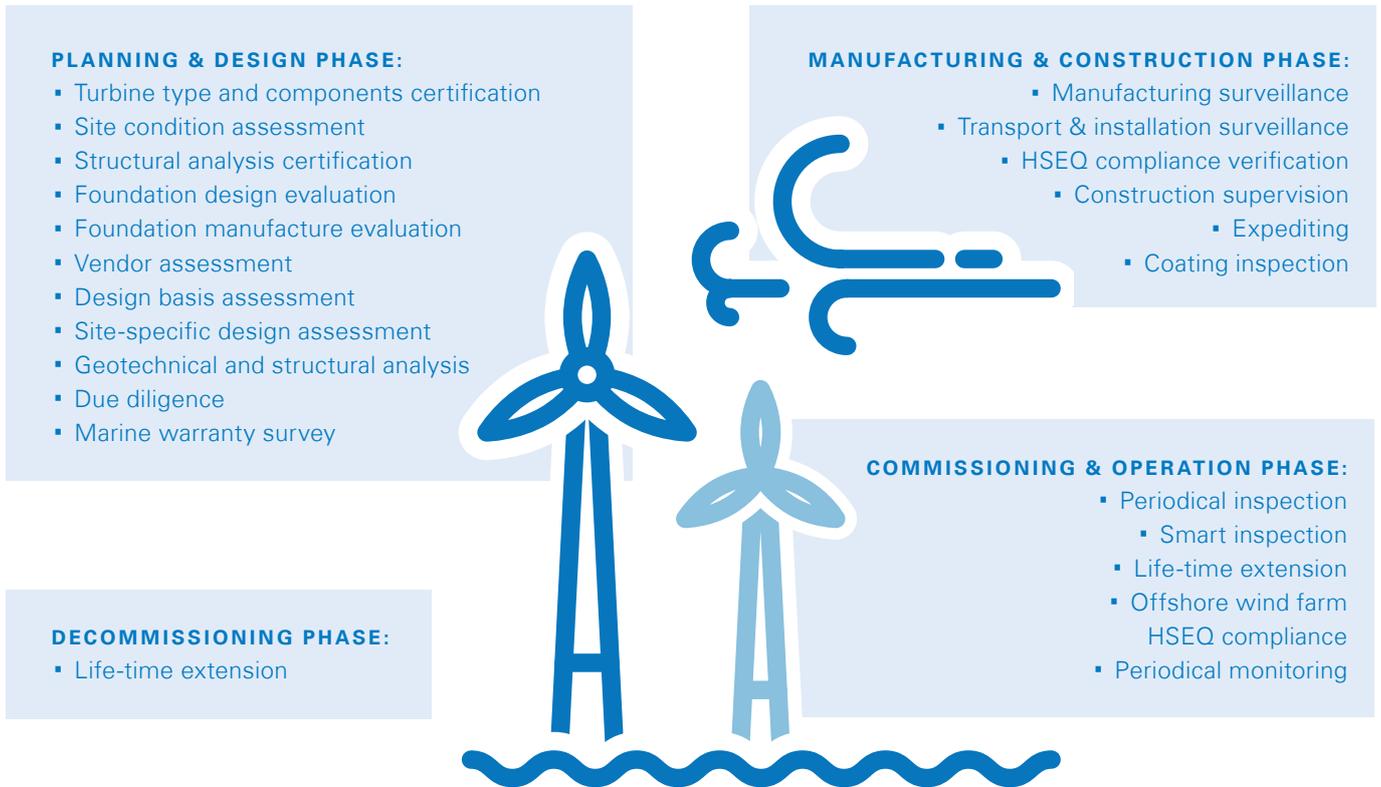
- Build up supply chain capabilities in the region and grid connection
- Tight project timeline poses challenges for timely development of port and network infrastructure
- High complexity of site conditions (e.g. deep water, exposure to typhoons and earthquake)

Against this background, impartial third party certification bodies are needed to evaluate investment feasibility and risks of offshore wind farm development. Specifically, we support in project certification, site condition, inspection and due diligence.

## **ENTER A PROMISING MARKET WITH A TRUSTWORTHY PARTNER.**

Through our local team of experts, we are familiar with the specific market conditions and challenges. Our extensive expertise is based on our many years of experience in the offshore business, and enables us to cover the entire life cycle of an offshore wind farm, from planning and design, manufacturing and construction to commissioning and operation and finally decommissioning.

# Our services cover the whole lifecycle of your offshore wind farm



## THE MOST INTERESTING ASIAN MARKETS AT A GLANCE.

### MAINLAND CHINA

In the next decades, mainland China is expected to see the installed offshore wind capacity grow from 2.6GW in 2017 to 30+GW by 2030, leading the Asia Pacific's offshore wind market. Mainland China is aiming to install 10GW of offshore wind energy by 2020 and has ramped up its installation speed over the past two years.

### TAIWAN

Taiwan is one of the rising offshore wind markets in the world. With its long-term visibility in terms of policy, financial support and development, Taiwan is Asia's second biggest offshore wind market after mainland China. The government has announced targets of deploying 600 MW of capacity by 2020, and 5,500 MW by 2025, is the backbone for achieving the government's objective of phasing out nuclear power by the same year.

### OTHERS

Outside Greater China region, South Korea plans to install 18GW of offshore capacity by 2030, followed by Japan with 10GW. In total, offshore wind capacity in Asia Pacific is expected to achieve a cumulative 100GW for 2030.

### BENEFITS

- We help you to achieve reliable quality, stable operation and proper risk management
- We support your long-term development (our services cover the entire life cycle of the wind farm)
- With our extensive and successful experience in Europe, we avoid pitfalls, shorten the learning curve and speed up your development
- Our dedicated local team adapts global experience and expertise to your specific market

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