

OFFSHORE WIND FARMS IN THE GERMAN NORTH SEA/BALTIC SEA

This map illustrates the distribution and status of offshore wind farms in the German North Sea and Baltic Sea. The map covers the German coastline from the Netherlands in the west to Denmark and Sweden in the east. It highlights various wind farm clusters, their operational status, and their connection to the grid. Key geographical features include the German Coastal Zone, the Dutch Exclusive Economic Zone, and the German Exclusive Economic Zone (EEZ). Major cities and ports are marked, including Hamburg, Berlin, and Copenhagen. The map also shows the locations of converter platforms, grid connections, and other maritime infrastructure.

Offshore wind farms

- Operational (Green triangle)
- Under Construction (Blue triangle)
- Awarded in Tender 2017/18 (Light blue triangle)
- Area for Future Tender (Light green triangle)
- Possible Area for Offshore Wind Energy (Light green triangle)
- Possible Area for Alternative Energy Generation (Light green triangle)
- Other (Light green triangle)

Offshore substations

- Alternating current (AC) from turbines is converted to higher voltage level.
- (Preliminary) Operational (Green triangle)
- Under Construction (Blue triangle)
- Planned (not illustrated) (Light blue triangle)
- (Expected) Interconnector (Dashed line)

Converter platform

- Alternating current from offshore substation/wind farm is converted to high voltage direct current (HVDC) and then transferred to the land. Not needed for AC connections.
- (Preliminary) Operational (Green triangle)
- Under Construction (Blue triangle)
- Planned (Light blue triangle)

Grid connection

- (Preliminary) Operational (Green line)
- Under Construction (Blue line)
- In Preparation (Light blue line)
- Planned (not illustrated) (Dashed line)
- (Expected) Interconnector (Dashed line)

Other symbols

- EEZ - German Exclusive Economic Zone (from 12 to 200 nautical miles from the coast)
- 12 Nautical Miles-Zone (Dashed line)
- Natural Gas Pipeline (Red line)
- 1-20 Cluster (Numbered area)
- Helipoint (Red circle)
- German Offshore Service/Installation Port (Red circle)
- Planned broadband coverage (radio masts) in the German Bight (BZNB) (Red circle)
- Measurement mast (Blue circle)
- Accommodation platform (Blue circle)



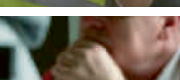
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