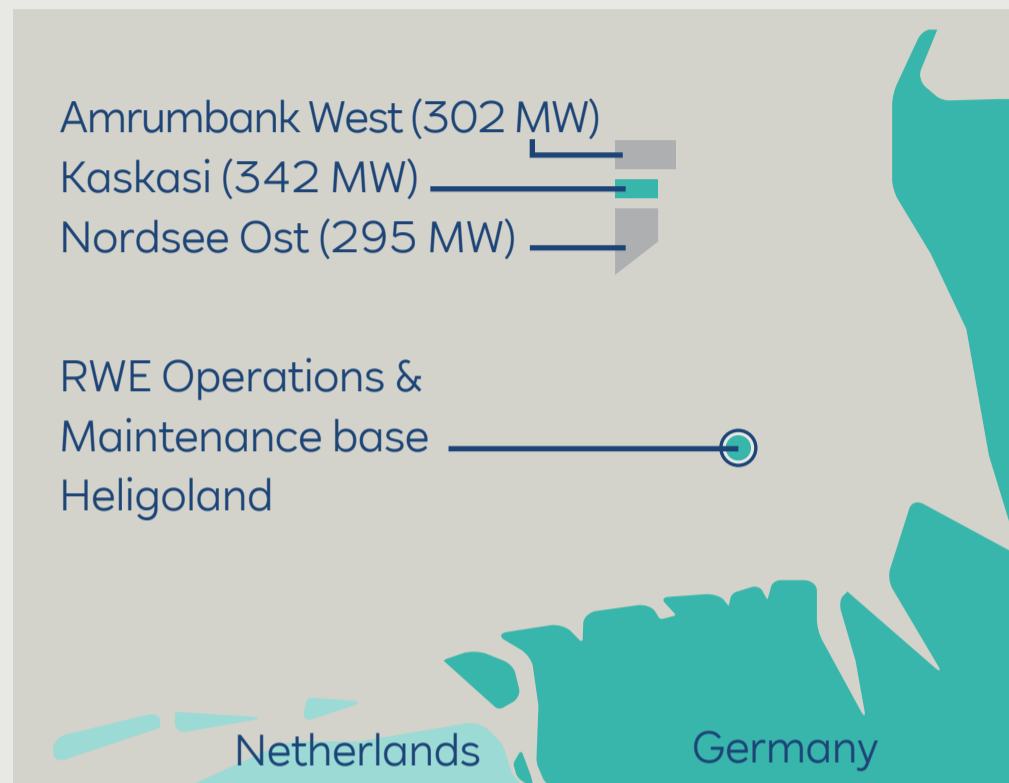


Delivering more green electricity to help reach climate targets.

With Kaskasi RWE is realising its sixth wind farm off the German coast.



38 turbines
each with a capacity of up to 9 MW (Type: SG 8.0-167 DD Flex)

Hub height
107.5 m

Each blade is 81 meters long

Total height
191 m



RWE tests world's first recyclable blade at a selected number of wind turbines.

342 MW installed capacity
=^ expected to generate enough electricity for more than 400,000 households annually



The power the Kaskasi wind farm generates could supply all households in a large city like Frankfurt am Main.

Rotor surface: ~21,000 m² swept area
equal to the size of approx. three soccer pitches (Ø 167 m)

Foundations for the wind turbines weigh up to **740 tonnes** – approximately equivalent to 600 small cars.

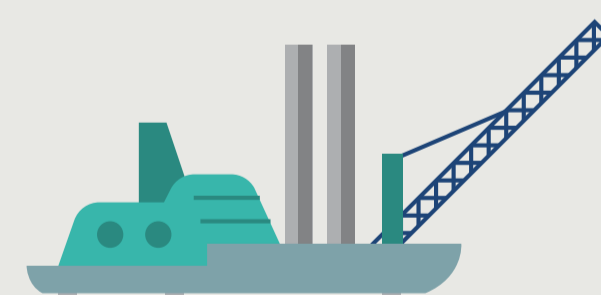
Location
35 kilometres north of the island of Heligoland

Start of offshore construction
March 2022

RWE Project Team and Workforce
Up to 90 people as well as further staff employed by several contractors

Commissioning
expected End of 2022

Operational lifetime
25 years



Water depth
18 to 25 meters

Foundations
Monopiles up to 64 metres long, using an improved installation method on selected locations. Vibro pile driving has the potential for significantly reducing installation times and underwater noise emissions. This benefits the marine environment in particular.

Innovations
RWE is leading technological development: Installation of special collars and self-expanding pile shoes at selected foundations.

Substation topside
40 metres high, 25 metres wide and weighs around 1,400 tonnes

