Construction of an offshore wind farm

**Operation and maintenance building**
Located in a nearby industrial port, it serves the offshore wind farm throughout its life.

**Strategic location**
The parks are located away from maritime traffic routes, military zones and areas of ecological interest.

**Offshore wind farm**
They are located in areas with a depth of up to 60 m - deeper if floating foundations are used - and can cover an area of up to 300 km².

**Installation vessels**
They transport the components of the wind turbines - as well as foundations and cables - pre-assembled wherever possible, and contain the cranes for offshore installation.

**Onshore electrical substation**
It transforms the electricity, transported via an undersea cable, to voltage levels suitable for transport on the terrestrial power grid.

**Offshore electrical substation**
When wind farms are located beyond a certain distance from the coast, it is necessary to install a substation at sea to raise the voltage in order to avoid energy losses.