

**ecological and energy transition Le Havre : loading the first wind turbines**

In the port of Le Havre, the first wind turbine have been loaded. The jack-up vessel Brave Tern, moored on the Joannès Couvert quayside, will load 62 wind turbines in the direction of the Saint-Brieuc offshore wind farm, i.e. 16 convoys scheduled.

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For a few days, the residents of Le Havre can see the assembly of strange structures on the Joannès Couvert's quayside of Siemens Gamesa. On site, the pre-assembly of the future wind turbines of the wind farm of Saint-Brieuc has started.

**A colossal weight**

**62 masts will be assembled** on the quayside before being loaded onto the impressive Brave Tern jack-up vessel. The elements will be transported vertically in XXL shipments, each weighing around 4,000 tons. It will take **16 shipments** to transport all the masts, nacelles or blades to the dumping site.

**An extraordinary transport**

The Brave Tern "wind turbine installer" was chosen for these operations. Equipped with a crane that articulates and deploys according to the size of the elements to be transported, the vessel can adapt to any type of load: masts, nacelles or blades. It's **132 m long and 39 m wide** and has a storage area of 3,200 m<sup>2</sup>.

Thanks to its four "legs", the Brave Tern can install offshore wind turbines at depths of up to 40 meters.

The operations are subject to weather conditions: they will take place from mid-April and will be completed in a few months.



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