

NAMING CEREMONY OF THE WIND OF HOPE

MAINTENANCE SHIP DEDICATED TO OFFSHORE WIND FARM



On July 1, 2021, Louis Dreyfus Armateurs group organised the naming ceremony of the WIND OF HOPE, its second vessel dedicated to the maintenance of offshore wind farms, attended by its godmother, the Minister for Industry, Ms. Agnès Pannier-Runacher. More than the presentation of the innovative concept of a large multifunction vessel, equipped with the latest technologies guaranteeing safety and reducing maintenance costs, the Louis Dreyfus Armateurs group made a focus on its entire industrial strategy for the development of Marine Renewable Energies in France and Europe, particularly in relation with the future and first French wind farm in Saint-Nazaire.

“ Like her elder sister, the Wind of Change, this ship [the Wind of Hope] carries the hopes of our group as much as ours and our children's.”

Edouard Louis-Dreyfus

1- WIND OF HOPE, AN INNOVATIVE CONCEPT OF A “LARGE” MAINTENANCE VESSEL

With its wind farm service vessels the WIND OF CHANGE and her sister-ship the WIND OF HOPE, Louis Dreyfus Armateurs has succeeded in building and operating a **larger and more multifunctional vessel: maintenance, transfer, living space for technicians, etc. with a motion-compensated gangway to improve the safety of operations and reduce the cost of field maintenance.**



The “walk-to-work” telescopic compensated gangway

Main specifications of the vessel:

- Overall length: 84.00 m
- Width: 19.40 m
- Molded depth: 7.00 m
- Summer draft (design): 5.00 m
- Propulsion: diesel-electric propulsion
- Dynamic positioning DP2
- Accommodation: capacity of 90 people, up to 64 wind technicians

Wind of Hope innovations:

- The “walk-to-work” telescopic compensated gangway Horizon™
- The Colibri™ crane
- The Phoenix™ system
- A hybrid vessel reducing CO2 emissions by 15%

Comfort onboard

Functioning as a base for accommodation, the Wind of Hope has been fitted with many enhancements designed to ensure that working hours offshore are as comfortable as possible for the crew.

60 technicians in addition to the ship's crew can be accommodated for several weeks in the most modern comfort conditions:

- Individual cabins with sea view and VOD
- Training center
- Cinema
- Lounge rooms with large windows



2- LOUIS DREYFUS ARMATEURS, EUROPEAN PLAYER IN MARINE RENEWABLE ENERGIES



Edouard Louis-Dreyfus, Chairman of the Management Board of the Louis Dreyfus Armateurs group, recalled during the naming ceremony of WIND OF HOPE: ***“Ørsted, Danish world leader in renewable energies, was the first to trust two French vessels for wind farms located in Germany and England. What a great European success! “***

WIND OF HOPE provides maintenance to the Hornsea Two wind farm located 89km off the Yorkshire coast in the North Sea:

- 165 Siemens Gamesa 8MW wind turbines
- 1.3 million homes supplied

*“25 years ago, when he was at the head of Louis Dreyfus Armateurs, Philippe Louis-Dreyfus decided to make a decisive turn **that seemed daring, for a group then fully focused on bulk transportation. This shift consisted in developing long-term partnerships with manufacturers expressing the need to use vessels with very high added value and requiring advanced maritime skills!** What could be more natural, then, to accelerate this shift with **the development of activities related to marine energies, and to offer these powerful and innovative wind turbine maintenance vessels.**”*

The involvement of the LDA group in the construction and future maintenance of the Saint Nazaire off-shore wind farm:

Underwater work:

Louis Dreyfus TravOcean, in consortium with Prysmian, has been selected for the supply, **installation and protection of more than 100 km of inter-wind power cables for the Saint-Nazaire offshore wind project, the first French wind farm.**

Maintenance vessels for the future farm:

Louis Dreyfus Armateurs, in partnership with TIDAL TRANSIT, has been selected by GE Renewable Energy Offshore Wind (GE) **for the supply of two Crew Transfer Vessels (CTV) intended for the Saint-Nazaire offshore wind farm.** EDF RE has also chosen LD Tide **for a third identical vessel** which will operate in the same field. These three ships have been designed by the naval architecture firm MAURIC and will be built by the French shipyard OCEA. Their delivery is scheduled for 2022.

3- A SUCCESS FOR THE FRENCH INDUSTRY

*Agnès Pannier-Runacher, Minister for Industry, Godmother of the Wind of Hope praised the industrial excellence developed by the Louis Dreyfus Armateurs group. "Of the 19 candidates in Ørsted's tenders, only one was French and you won it. This project demonstrates the relevance of strengthening the French industrial strategy. **This innovative ship project is a milestone for the Louis Dreyfus Armateurs group but also for us to meet our commitments against global warming.**"*



*Edouard Louis-Dreyfus: "The Port of Nantes Saint-Nazaire is the most natural place to exhibit the extent of our services and know-how related to MRE. We are indeed developing many other services which are now all demonstrated on the EDF RE field currently under construction. Our subsidiary Louis Dreyfus TravOcean, in partnership with Prysmian, supplies and installs all the inter-wind cables and we have also signed for the construction of three CTVs with EDF RE and GE, who also honour us with their trust, to transport technicians on this farm when it is delivered. **I would like to point out that the choice of a French actor for these services has made it possible to further irrigate our territories:** the cables are built by Prysmian in the Paris area, the shells that will protect them in Redon at AFC and the CTVs are designed by the Mauric architecture firm in Nantes and built by Ocea in Sables-d'Olonne. It is thus a complete part of a new industrial sector dedicated to MRE which is taking shape before our eyes in this region.*

Let us all be aware that it is thanks to first-rate contracts awarded to the French that this highly strategic sector will be able to consolidate itself in our country. "

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