

## Composite Design Engineer (F/M)

### About OceanWings

In a world facing unprecedented environmental challenges, OceanWings has developed an innovative wind solution to unlock the decarbonization of global maritime transport using a sustainable hybrid propulsion system: OceanWings®. This technology enables new or existing ships to significantly reduce fuel consumption and resulting carbon footprint by harnessing the power of wind.

Established in 2018, OceanWings is a French industrial startup headquartered in Paris with a factory in the port area of Blainville-sur-Orne in Caen, providing direct access to the sea. Bringing together over fifty passionate individuals with diverse expertise, the company recently equipped the Canopée cargo ship with four 37-meter-high OceanWings® wingsails.

**CANOPEE, THE MOST-ADVANCED WIND-POWERED TRANSPORT SHIP  
IN THE HISTORY, EQUIPPED WITH FOUR OCEANWINGS®**



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# OCEANWINGS IS HIRING

## Context

OceanWings is looking for a Composite Design Engineer in Paris offices. As part of the composite design team and in collaboration with OceanWings' design office, you will design the composite structures and parts making up the new OceanWings® products.

With an engineering school background, you are passionate about technological challenges and possess strong knowledge in composite structures.

## Main Missions

In collaboration with the design office, your missions will include:

- Define, specify and justify technical choices
- Design and dimension composite structures and parts
- Generate 3D CAD and 2D drawings
- Ensure manufacturing and assembly feasibility
- Monitor suppliers and manufacturers.
- Participate in building of OceanWings® feedback and best practice database
- Make suggestions for optimizing OceanWings® products
- Participate in the development of design office tools

## Profile & Required Skills

- You are in the final year of engineering school.
- You have a professional experience in industry (at least one previous internship), preferably in a field where you have designed structural composite parts for a number of projects in the offshore, shipbuilding or renewable energy.
- You have a good knowledge of the full industrial development cycle (concept design, design, manufacturing, testing, installation, maintenance).
- You have an interest in composite structural engineering and manufacturing.
- You are proficient with 3D CAD and drawing tools. Composite specific drawings is a plus.
- You have a good knowledge of the standards governing the design, manufacturing processes and tests of composite parts applied in the marine, wind and crane industries. Experience of working with class society companies will be valued.
- You have a good understanding of the finite element analysis studies and are able to work with/as part of the FEA team.
- You have the ability to analyse and summarise
- Rigor, organisation and autonomy.
- Curiosity and team spirit.
- English: fluency is essential to take part in internal meetings and communications. French is a plus.
- Knowledge of sailing is a plus

# OCEANWINGS IS HIRING

## Working at OceanWings means...

- Implement innovative products to decarbonise the marine industry.
- Work in a startup spirit as part of a passionate and dynamic team.
- Be the technical reference on a dedicated project.
- Act as an expert on all stages of the OceanWings® development cycle (concept design, design, manufacturing, testing, installation, maintenance).
- Capitalise on the initial feedback from our first emblematic project to design our future products.

## Conditions

- Permanent job contract as an engineer (cadre): collective bargaining agreement for the metallurgy industry.
- Meal vouchers
- Position based in Paris, with the possibility of 2 days of remote work per week
- Frequent travel in France and abroad (Europe and Asia).
- Working in a pioneering spirit of sustained growth.
- Availability: Septembre 2024
- Recruitment process with several interviews.

## JOIN US AND GIVE YOUR CAREER WINGS!

We are a team of enthusiastic experts committed to unlocking the decarbonization of global maritime transport using an innovative wind-powered solution. At OceanWings, everyone is invited to combine their talent and imagination with cutting-edge spirit to develop tomorrow's maritime industry.

If you wish to create the change, please send your resume and cover letter with Ref: HR- ENG 037 to [hring@oceanwings.com](mailto:hring@oceanwings.com) or you can apply directly here:

**START THE ADVENTURE →**