



RECIF

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Reducing the costs of industrialising wind turbine floats

Context & Objectives

- Optimising the industrialisation strategy for steel floating wind turbine foundations
- Reducing the costs and assembly time of the floats

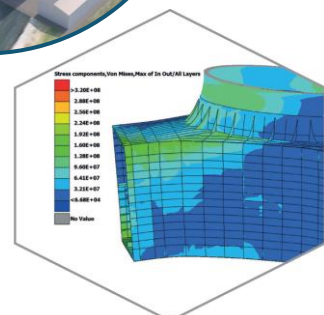
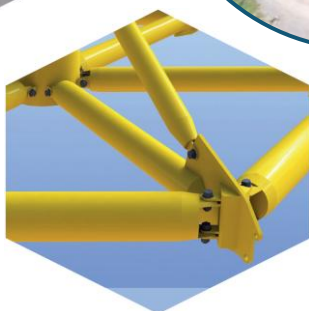
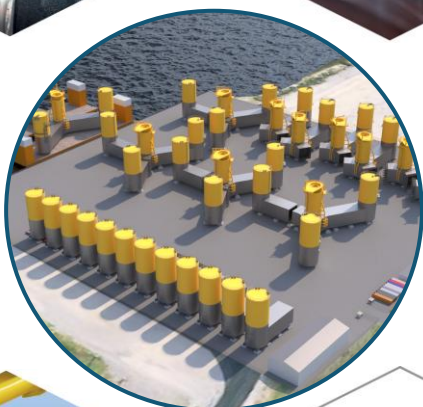
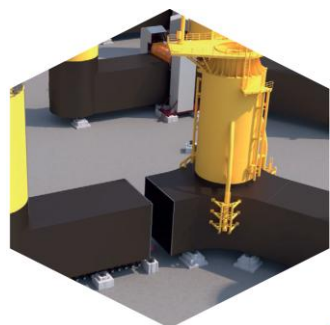
Missions

Development and validation of technological building blocks:

- Automated welding
- Real-time non-destructive testing
- Rapid and intelligent assembly
- Additive manufacturing
- Seamless assembly
- Fatigue calculations

Our strengths on this project

- Expertise in design optimisation (design-to-cost and weight reduction) and fatigue analysis of floating wind turbine foundations
- Structuring and managing collaborative research projects



Market

Eolien Flottant

TRL

TRL 7

Cycle

Ingénierie & démonstration

Project type

ADEME

Year

[2023 - 2026]

Location

France

