



Shipbuilding and leisure boatbuilding

COSME

SIMULATION AND ANALYSIS TOOLS FOR SMART, FOILING BOATS

The COSME project aims to design new simulation, prediction and performance analysis tools for smart foiling vessels. These will be used as a decision-support system by naval architects and project operators working at a very high level.

The tools developed will make it possible:

- To optimise the control of a boat, which will evolve dynamically depending on the weather and route taken
- To produce onboard tools which help with operational and strategic decision making in real time
- To assess in a simulated situation how navigable a particular design will be.

The main market for this project is the racing yacht market, but the tools developed will also benefit pleasure craft and rapid maritime transport.

Partners

Companies

Benjamin Muyl Design - BMD,
Auray [\[Project Developer\]](#)
Guillaume Verdier Architecture navale,
Larmor-Baden

Research center

Université de Bretagne-Sud, Laboratoire
IRDL (Institut de Recherche Dupuy de
Lôme), Lorient

Funders

Sans financement public

Labelisation

06/07/2018

Overall budget

1 510 k€