

## STRATEGIC AIMS

CENTEC aims to be one of the world's leading research centres in Marine Technology and Ocean Engineering, specifically in Marine Environment, Marine Dynamics and Hydrodynamics, Marine Structures, Safety & Reliability, Logistics of Maritime Transportation and Renewable Energies Offshore.

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**KEYWORDS:** Marine Environment and Climate Change; Marine Dynamics and Hydrodynamics; Marine Structures and Shipbuilding; Safety, Reliability and Maintenance; Logistics & Energy Efficiency of Maritime Transportation; Renewable Energies Offshore

## RESEARCH UNIT DESCRIPTION

CENTEC produces research, development, and demonstration, for the sustainable exploitation of the sea, through shipbuilding, maritime transport and ports, ocean space utilization, nautical activities, coastal area development, harvesting of marine resources, and protection of the marine environment.

CENTEC deals with ships, platforms, and submersibles as well as ocean monitoring, mathematical modelling, digitalization, artificial intelligence, model and full-scale experimental work.

## Contribution to the All-Atlantic Ocean Research and Innovation Alliance

### Relevant Thematic Areas



### Relevant resources in the promotion of Atlantic collaborative R&I

- Met ocean forecasting and remote sensed data
- Renewable energies offshore
- Aquaculture offshore
- Autonomous vehicles for ocean observation
- Climate variability
- Modelling of oil pollution at sea