

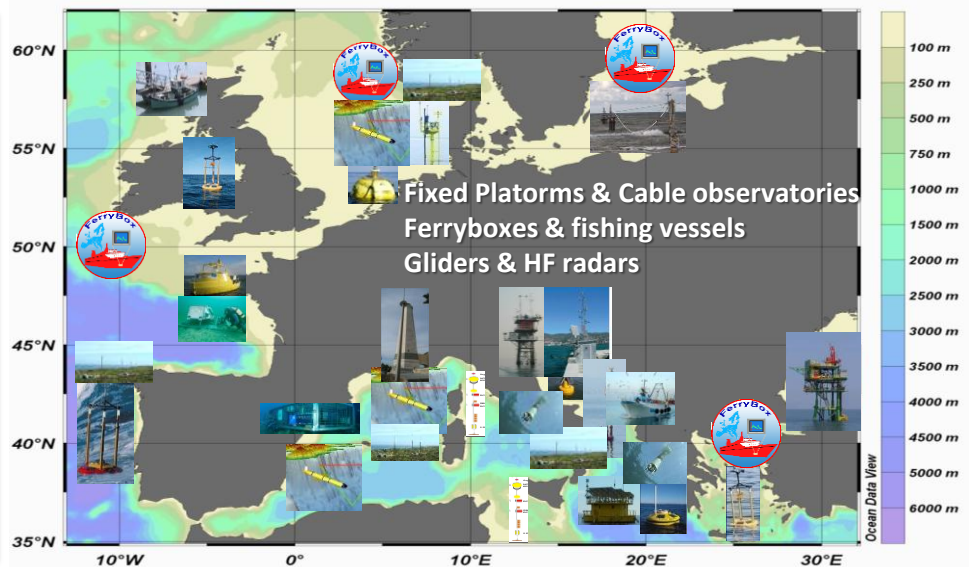
❖ **Coastal areas:** the most productive and dynamic environment of the world ocean with significant resources and services for mankind.

❖ **JERICO-NEXT :** Pan-European network with 34 organizations from 15 countries.

***“The importance of complex processes in the coastal zone means that the JERICO-NEXT Project is investing in scientifically sounded simultaneous observations of physical, chemical and biological parameters and in innovation in key areas of biogeochemical observing technologies.”*** (The JERICO-RI consortium, 2017, Helsinki)

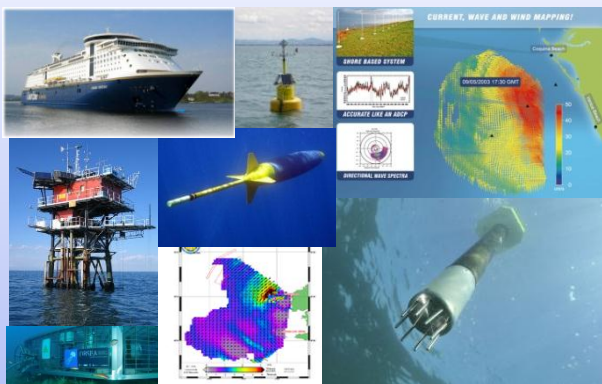
### ❖ Objectives:

- Strengthening & enlarging a solid and transparent European network
- Integrating key observing platforms
- Developing further the collection of biological data
- Exploiting synergies with marine biological observatories



**A proof of concept** presenting the concrete added value of the project

**6** Joined **A**ctivity **R**esearch **P**rojects (**JRAP**) :



**JRAP#1:** Pelagic biodiversity: Biodiversity of phytoplankton, harmful algal blooms and eutrophication

**JRAP#2** Benthic biodiversity: Monitoring changes in macrobenthic biodiversity. Assessing potential environmental controls and functional consequences

**JRAP#3:** Occurrence of chemical contaminants in Northern coastal waters and biological responses

**JRAP#4:** Hydrography & 4D characterization of trans-boundary hydrography and transport

**JRAP#5:** Coastal carbon fluxes and biogeochemical

**JRAP#6:** Operational oceanography and coastal forecasting

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