

# LINCOLN

## Lean Innovative Connected Vessels

[www.lincolnproject.eu](http://www.lincolnproject.eu)

### LINCOLN WILL USE THE FOLLOWING INNOVATIVE TECHNOLOGIES



A lean fact based design model approach, which combines real operative data at sea with lean methodology

IT customized tools to enable the acquisition and usage of field data, coming from an IoT platform

High Performance Computing Simulation.

This new design approach will be demonstrated with three vessels:

#### MULTI-PLATFORM CATAMARAN



to serve as: Service crew vessel and Multipurpose survey vessel, optimized for Ocean energy and Aquaculture.

It develops a new people transfer system, able to:

- improve safety during people transfer
- reduce operations costs: -10% of total operational costs

- be eco-friendly: -20% Vessel fuel consumption, -20% NOX and SOX emissions, -18% of wastes, -30% of underwater noise

#### EERV VESSELS SERIES



For Coastal Rescue activities, with integrated electronics, IoT connectivity and an enhanced and low cost Integrated Dynamic Position System, helping rescue operators during their activities and enhancing safety and security

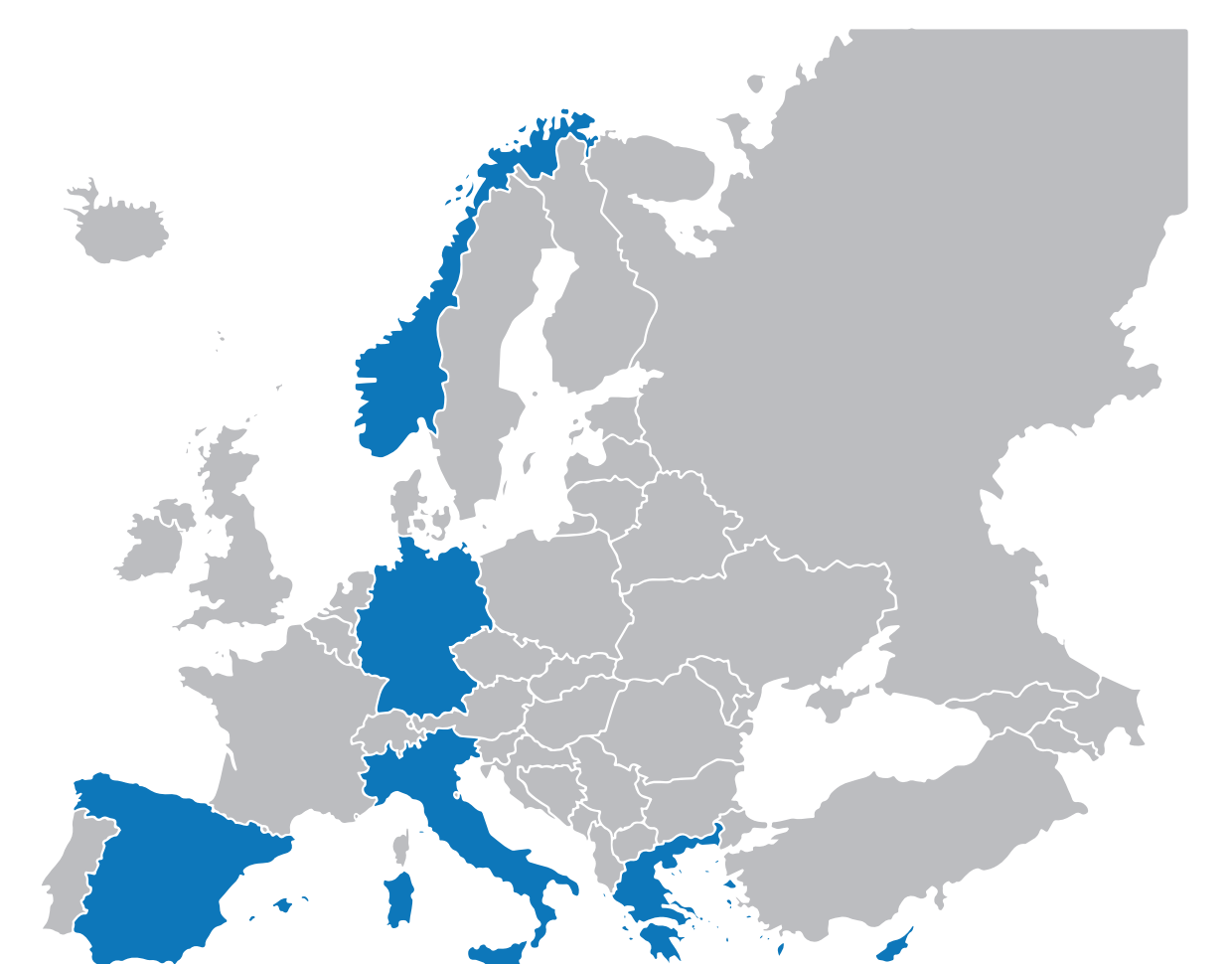
#### MODULE BASED HIGH SPEED PATROL BOAT PLATFORM



Reconfigurable platform able to be adapted to the different operational requirements of Patrol and Security operators.

- LINCOLN develops one platform, where different vessels can be designed for several markets, built as series production at lower cost:

Knowledge- and databased design ensures higher safety parameters and more predictable ownership.



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