



I-SEAMORE

**INTEGRATED SURVEILLANCE ECOSYSTEM FOR EUROPEAN
AUTHORITIES RESPONSIBLE FOR MARITIME OPERATIONS LEVERAGED
BY RELIABLE AND ENHANCED AERIAL SUPPORT**

What is I-SEAMORE?

It is an advanced platform with several innovative services and systems to provide European Authorities with increased situational awareness and operational capabilities for Maritime surveillance operations resorting to aerial and water surface support.

Capable of handling multipurpose tasks including, wide coastal areas monitoring, analysis of potential threats, support to search and rescue operations, detection of illegal activities, etc

I-SEAMORE's goal:

To provide European Authorities with increased situational awareness and operational capabilities for Maritime surveillance operations resorting to aerial and water surface support.



I-SEAMORE's 4 main pillars:

- 1 Employment and indirect tasking of multiple types of long-endurance Unmanned Assets (aerial and water surface)
- 2 Exploitation of heterogeneous data sources (including Copernicus Services)
- 3 Provision of a common operational picture empowered by a novel and comprehensive suite of data fusion services based on Artificial Intelligence (AI) and Big Data Analysis, for optimal decision making and successful mission execution of the desired mission
- 4 Interoperability within the Ecosystem and its interface with key existing external systems

I-SEAMORE areas of focus:



Maritime surveillance

Unmanned Autonomous Vehicles (aerial and water)



Satellite data



Artificial Intelligence



Big Data Analysis

Horizon Europe

30 months
Starting January 2023

18 partners
12 countries

7.9 millions



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