



AUTOSHIP
Autonomous Shipping Initiative for European Waters

THE PROJECT

AUTOSHIP – Autonomous Shipping Initiative for European Waters – aims at speeding-up the transition towards a next generation of autonomous ships in EU.

The project will build and operate 2 different autonomous vessels, demonstrating their operative capabilities in **Short Sea Shipping** and **Inland Water Ways** scenarios, with a focus on goods mobility.

The new autonomous ships will help ship operators and owners to improve the economy of scale of their investments, to effectively gain competitiveness and renew their fleets, making them more competitive to replace road transport: they will reduce costs and improve the overall efficiency on-board (less fuel and logistic procedures) based on an advanced technology for monitoring, data fusion and communication with a more evolved network. Interoperability and IoT will increase safety, security and speed of every operation.

Operations in a shorter timeframe than expected: this will allow the first commercial applications of the technology behind the next generation of autonomous ships in a 5-years timeframe.

OBJECTIVES

In AUTOSHIP a joint effort of industrial partners and multi-domain experts, will result in the realisation and demonstration of two vessels and their complete use-cases characterisation during the time frame of the project. To achieve this ambitious target, the AUTOSHIP project will last 42 months addressing 9 Specific Objectives (SO) answering all the challenges of the call.

- S01 | Building and Operating Autonomous Ship at TRL 7**
- S02 | Demonstrating Key Enabling Technologies**
- S03 | Develop Standard, tools and methods**
- S04 | Digital Upgrade**
- S05 | Skilled and Updated Operators**
- S06 | Regulatory and socio-economic Framework**
- S07 | Business case and models**
- S08 | Roadmap to intercontinental R&A navigation**
- S09 | Communication acceptance and dissemination**

CONSORTIUM



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