

MARITIME

(EE) Medium size Semi-Autonomous Surface Vehicle (M-SASV)

(established in November 2021)

For Public Release

PROJECT DESCRIPTION

Project will develop a modular medium size semi-autonomous surface vehicle with various mission modules (e.g. ISR, ASW, ASuW, NMW/NMCM). Manned when must, unmanned, when possible, the platform will provide increased operational flexibility and crew protection. While the design focuses on littoral operations the platform will be also deployable as part of naval task groups.



EE, FR, LV, RO



FI, LT, PL



IDEATION
INCUBATION
EXECUTION
CLOSING



Contribution to
the more binding
commitments
Yes



Capability
Perspective

EU CDP priority
Naval
Manoeuvrability

CARD references

European Patrol
Class Surface
Ships (EPC2S)
Focus Area



Operational
Viewpoint

HICG
Maritime
engagement incl.
anti-submarine
warfare



EDA support

No

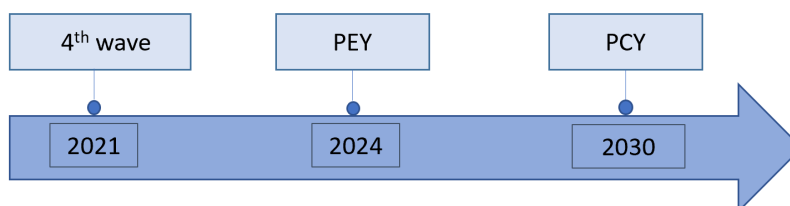
OBJECTIVES/PRODUCTS

Project objective is to develop a medium size semi-autonomous surface vehicle (M-SASV) with following main characteristics and capabilities:

- 1) Modular architecture that supports various mission modules/payloads (e.g. ISR, Anti-surface Warfare, Anti-submarine Warfare, Naval Mine Warfare or/and Naval Mine Countermeasures);
- 2) Platform that is manned when must, unmanned, when possible, i.e. a combination of manned and unmanned functions that enables persistent naval presence and fulfilment of variety of tasks in different threat conditions;
- 3) Improved cyber resilience of networks and data links vital to the functioning of platform both individually and as part of a naval task groups.

INDICATORS

Project Execution Year (PEY) and Project Completion Year (PCY):



DELIVERABLES ACHIEVED

- Joint Requirements
- Letter of Intention
- Memorandum of Understanding
- Project Management

CRITERIA FOR SUCCESS

- Successful completion of studies, design, prototyping and testing of a modular semi-autonomous platform with mission modules by 2027.