





MARITIME

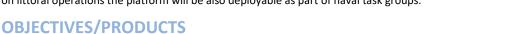
(EE) Medium size Semi-Autonomous Surface Vehicle (M-SASV)

(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.



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

- 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).
- 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 a variety of tasks in different threat conditions.
- Improved cyber resilience of networks and data links vital to the functioning of platform both individually and as part of a naval task group.

INDICATORS

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



DELIVERABLES ACHIEVED

- Joint Requirements and Lol.
- Memorandum of Understanding.
- Kick-off.
- Project Management Plan.
- Concept of operations.
- Demonstrator vessel initial design.
- Outline technical specifications.

CRITERIA FOR SUCCESS

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



EE, FR, LV, RO, SE



FI, LT, PL



IDEATION
INCUBATION
EXECUTION
CLOSING



Contribution to the more binding commitments Yes



Capability Perspective

EU CDP priority

Maritime Domain Awareness

CARD references

Naval Manoeuvrability Maritime Surveillance Maritime Patrol Vessels Maritime Mine Countermeasures Anti-Submarine Warfare



Operational Viewpoint

HICG

Maritime engagement incl. anti-submarine warfare



EDA support

No