



Press release

JANUARY 2026

Horizon Europe Project “**CROSSMARE**” Launches to Develop Next-generation Cross-Border Maritime Security Interoperability

The European research project **CROSSMARE – Advanced Cross-Border and Multi-Domain Interoperability Framework for Improved Collaborative Operational Efficiency for Secure Maritime Borders** officially kicked off on **1 October 2025**. The project is funded by the European Union under the **Horizon Europe** programme, within the call **HORIZON-CL3-2024-BM-01**.

CROSSMARE aims to significantly advance maritime surveillance capabilities and cross-border cooperation among European security authorities. By introducing an innovative **layered maritime surveillance network** and a **multi-domain interoperability framework**, the project will integrate assets and data across the **space, air, surface and underwater domains**, enabling a comprehensive and unified Maritime Situational Awareness (MSA) picture.

With a duration of **36 months** and a total budget of **EUR 5.82 million**, CROSSMARE seeks to strengthen Europe’s ability to prevent, detect, and respond to critical maritime security challenges such as illicit activities, irregular migration, environmental incidents, and terrorism.

Consortium

The project brings together **17 organisations**, large industries, SMEs, research and technology organisations, and end-users, from nine European countries. The **coordinator** is the **Institute of Communication and Computer Systems (ICCS)**, Greece.

Partners included are: AIRBUS GEOTECH SA (**AIRBUS**), ATOS IT SOLUTIONS AND SERVICES IBERIA SL (**ATOS**), GMV AEROSPACE AND DEFENCE SA (**GMV**), ENGINEERING - INGEGNERIA INFORMATICA SPA (**ENG**), ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS (**CERTH**), MDM TEAM SRL (**MDM**), DIADIKASIA BUSINESS CONSULTING SYMVOULOI EPICHEIRISEON AE (**DBC**), EVIDEN TECHNOLOGIES SRL (**EVD**), ICEYE OY (**ICEYE**), BALTIJOS PAZANGIU TECHNOLOGIJU INSTITUTAS (**BPTI**), TEMERON SRL (**TMR**), MINISTERIO DEL INTERIOR (**GUCI**), VALSTYBES SIENOS APSAUGOS TARNYBA PRIE VIDAUS REIKALU MINISTERIJOS (**SBGS-LT**), GARDA DE COASTA (**CG**), CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA - RECHERCHE ET DEVELOPPEMENT (**CSEM**), SwissDrones Operating AG (**SWD**).

Technological Innovation

CROSSMARE will utilise a wide range of advanced and emerging technologies such as HAPS, RPAS, high-resolution SAR imagery, UAVs, USVs, AUVs, Flash LiDAR sensors, Artificial Intelligence (including LLMs and VLMs), multi-modal data fusion, and enhanced C2 and mission management systems. A core focus is boosting interoperability between legacy and next-generation systems

through integration with with CISE (Common Information Sharing Environment) and propose extensions to its current data and service model.

Validation Activities Across Europe

The project's innovations will be validated through a series of operational activities:

- Continuous integration testing
- **Two Small Scale Tests** in **Italy** and **Lithuania**
- **A Table-Top Exercise** in **Romania**
- **A Full-Scale Demonstration** in **Spain**, involving real assets and active participation from end-users and stakeholders

A comprehensive **Security- and Privacy-by-Design framework** will ensure full compliance with fundamental rights and EU data protection regulations.

Contact details

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Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union. Neither the European Union nor the granting authority can be held responsible for them.

This work has received funding from the Swiss State Secretariat for Education, Research and Innovation (SERI).



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