



# EURMARS Final Newsletter

## Reflecting on Three Years of Innovation, Collaboration and Impact

As we share this final issue, we thank our community of subscribers, colleagues and stakeholders. From its early vision and Living Labs to large-scale pilots, EURMARS has worked to design, develop and validate a surveillance platform for European border security. This issue looks back on milestones and partnerships that made the project a success. Though EURMARS concludes, its legacy will guide future research, policy and practice across Europe

### From Vision to Action

Launched in October 2022, EURMARS set out to tackle Europe's border challenges from irregular migration and trafficking to smuggling, environmental threats, and the need for closer cooperation between authorities.

A consortium of 18 partners from 13 countries including industry, research, SMEs, practitioners, and EU agencies ensured that the platform was not only advanced, but also ethical, user-driven, and

operationally relevant.

This diversity blended innovation with real-world insight, making EURMARS both technically strong and practically useful.

### The EURMARS Consortium:



## Living Labs: Testing the Foundations

The first tangible steps were the Living Labs. These collaborative workshops provided a sandbox environment to integrate sensors, test interoperability and validate initial concepts.

- **1st Living Lab:** Laid the groundwork for multi-sensor integration.



- **2nd Living Lab:** Tested real-time vessel detection and data fusion, providing vital input for the platform's command-and-control infrastructure.



These early trials established the baseline for later pilot demonstrations and allowed end-users to shape development from the very beginning.

## **Demonstrations: Bringing EURMARS to Life**

The project's heart lay in its pilot demonstrations, each designed to replicate real-world border security challenges.

- **Cyprus 1st Pilot Demonstration:** Showcased EURMARS in search & rescue scenarios with the JRCC, proving its life-saving potential at sea.



- **EURMARS 2nd Pilot Demonstration:** Validated surveillance capabilities and law enforcement cooperation in complex maritime scenarios.



- **EURMARS Final Event & Pilot Demonstration:** Full-scale integration of satellites, UAVs, coastal sensors and AI analytics in

a live Black Sea exercise.



These demonstrations proved that European cooperation in security research delivers real and tangible results.

## **Solutions and Innovation**

EURMARS developed a unique combination of sensing systems and intelligent software to address the complex challenges of maritime border security. The platform integrates coastal, aerial, satellite and UAV-based detection with advanced data fusion and AI-powered analytics.

## **Platform Components**

The EURMARS platform integrates multiple subsystems from sensing technologies to multimodal data fusion, a decision support system and an ethics risk assessment framework.

## **Sharing Knowledge and Building Community**

EURMARS built a community, engaging stakeholders at events, workshops, and demonstrations. In its final phase, it was showcased at major European reference events, including:

### **CERIS Joint Demonstration Event – Turku, Finland**

EURMARS presented its platform and live use cases to EU agencies and practitioners at CERIS 2025. [Read full article.](#)

### **Security Research Event (SRE) 2025 – Warsaw, Poland**

EURMARS participated in the Security Research Event 2025, showcasing its platform at an exhibition booth and in a dedicated presentation. Policymakers, researchers, and practitioners engaged with the project's innovations for European border security. [Read full article.](#)

### **RISE-SD 2024 – Chalkidiki, Greece**

At RISE-SD 2024, EURMARS presented its vision, objectives, and pilot use cases, while visitors explored dissemination materials at the booth. The event fostered dialogue with EU projects, experts, and stakeholders on security innovation. [Read full article.](#)

### **HEMUS 2024 – Plovdiv, Bulgaria**

EURMARS was presented at the International Defence Exhibition and Scientific Conference HEMUS 2024, highlighting advances in maritime surveillance, AI analytics, and multi-authority cooperation to defence and security stakeholders. [Read full article.](#)

### **DETECTION HUB Workshop**

EURMARS actively participated in the Detection Hub Workshops,

contributing to EU-wide collaboration on advanced detection technologies

The first workshop gathered stakeholders from law enforcement, research, and industry to exchange on innovative approaches for detecting illicit goods, drugs, and explosives. [Read More.](#)

The second edition built on Madrid's success, focusing on interoperability, data sharing, and cross-border cooperation to enhance detection and situational awareness. [Read More.](#)

These events fostered collaboration among Horizon Europe projects and security stakeholders, reinforcing the link between research, innovation, and operational implementation.

## **Dissemination & Media**

Beyond research and demonstrations, EURMARS placed strong emphasis on communicating its results clearly and accessibly. Throughout the project, we created a variety of dissemination materials for both technical and non-technical audiences. [Explore all our dissemination materials here.](#)

In addition, EURMARS produced a dedicated project video presenting the project's vision, motivations and key challenges as well as an overview of the project. [Watch the video here.](#)

## **Acknowledgements**

None of this would have been possible without the dedication of our consortium partners, the support of end-users and practitioners across Europe, and the guidance of the European Commission under Horizon Europe.

A special word of thanks goes to the host organisations and local authorities who made the demonstrations in Cyprus, the UK and Bulgaria a success and to the wider community of researchers, policymakers and industry experts who engaged with us along the way.

## Looking Ahead

While EURMARS formally concluded in September 2025, its impact is only beginning. The tested solutions, validated frameworks and established collaborations pave the way for future research, operational adoption and potential market deployment.

**Stay tuned** as the **Final Publishable Report** of the project will be released soon on our website and social media, providing a comprehensive overview of our achievements, lessons learned and next steps for the community.

## A Final Word

We thank all who supported EURMARS. Born from cooperation between technologies, institutions, and people, it ends with the same spirit: collaboration for a safer, more resilient Europe. On behalf of the consortium, thank you for being part of this journey.

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