Grant Agreement No: 101073911

I-SEAMORE PROJECT CONCLUDES WITH A TESTED, ADVANCED MARITIME SURVEILLANCE PLATFORM

Brussels, Belgium – 31 October 2025 – The I-SEAMORE project, co-funded by the European Union's Horizon Europe research and innovation programme under the Grant Agreement 101073911, officially concludes, having successfully delivered an advanced, integrated platform for maritime surveillance. Developed over two and a half years, the platform leverages AI, Big Data fusion, and multi-asset orchestration (UxVs) to provide European Maritime Authorities with enhanced situational awareness and operational readiness.

Final Demo Confirms Operational Readiness in Portugal

The project successfully marked its conclusion with the **I-SEAMORE Final Demonstration** on September 16th in Tróia, Portugal, and the I-SEAMORE Final Event on September 17th in Setúbal, Portugal. The two-day event successfully showcased the platform's real-world capabilities and gathered critical feedback from key stakeholders.

The event kicked off with a live demonstration at the CEOM (Centro de Experimentação Operacional da Marinha Portuguesa) in Tróia, proving the I-SEAMORE platform's technical and operational readiness. Consortium members and invited external guests and experts, observed the technology in action across two critical use cases: **drug smuggling** and **illegal immigration**. The demonstration effectively highlighted the platform's ability to generate a comprehensive, real-time picture of maritime activity using its sophisticated integrated systems.

The following day, a conference in Setúbal featured valuable insights from high-level experts, including a keynote from Marco Nardella, Head of Specialised Activities Sector from FRONTEX, and a presentation from Anais Manchon, Policy Officer in HOME.F2 Innovation and Security Research. A dedicated stakeholder feedback session, organised by partner ISIG, ensured the platform's outcomes align with real-world needs. Furthermore, a focused session led by INI-Novation addressed access-to-market strategies, facilitating direct exchanges between technology providers and potential end-users, paving the way for the future commercialisation of the solutions. More information can be found here.

TNO Presents Platform Outcomes at Blue Mission AA Webinar

Following the final event, I-SEAMORE continued to disseminate its main results. Project partner **Ali Mohamoud from TNO** participated in the **Blue Mission AA Weekly Hour on October 1st**. Mr. Mohamoud presented the platform's successful trial demonstration during the **REPMUS-25 exercise**, showcasing how its integrated surveillance systems and robotics enhance vessel inspection and bolster maritime security. Access the full recording here.

White Paper Lays Foundation for Commercial Exploitation

Project partner **INI-Novation GmbH** has published a White Paper titled **"Business Modelling for an Advanced Maritime Surveillance Platform,"** outlining the commercialization strategy for the I-SEAMORE ecosystem.

The document provides a detailed analysis of the market potential (TAM, SAM, SOM) based on core use cases, defining clear customer value propositions. It outlines sustainable long-term exploitation models, including **Direct-to-Government contracts** and **Data-as-a-Service** (DaaS). Crucially, the White Paper critically addresses the ethical, legal, and market entry barriers (ELSA) necessary for the platform's successful uptake within the EU. You may find the full White Paper here.

Final Message from the Project Coordinator

Ricard Munné, I-SEAMORE Project Coordinator, issued a final statement celebrating the project's success:

"We are pleased to inform you that Project I-SEAMORE is coming to a close, having successfully achieved its primary objectives. The platform has been successfully deployed and tested, including its final demonstration during the REPMUS-25 exercises at the Portuguese Navy Centre for Operational Experimentation (CEOM).

The system's key differentiator is its ability to **detect potential anomalies**, thereby assisting Maritime Operating Centres in their decision-making processes when overseeing maritime activities. This is realised through advanced **data fusion components** and machine learning algorithms for automated track classification. The integrated capacities for **modelling and simulation** also provide significant added value in the preparation of operations, while the **mission debriefing tool** facilitates continuous improvement and the efficient collection of evidence for criminal activities.

I must extend my sincere gratitude to the entire consortium: to the technical partners who built the solution, to the end-users who provided essential knowledge on real-world maritime behaviour, and to the partners who ensured ethical compliance, effective communication, and market extension of these crucial developments. The collaborative effort across the I-SEAMORE consortium has set a new standard for maritime security in the EU."

Media Contact

Laura Cyrne, Communication Manager

Email: laura@f6s.com

Website: https://iseamore-project.eu/