

AI-driven autonomous maritime safety and surveillance systems

Sector: Marine monitoring & surveillance

Short description of the needs:

There is a growing global demand for advanced maritime safety, surveillance and autonomous systems, driven by increased coastal activity, security risks and digitalisation. Traditional monitoring solutions are limited in coverage and efficiency, while public authorities and fleet operators require real-time situational awareness and predictive safety tools. The objective is to develop AI-driven autonomous maritime systems for surveillance, search and rescue, and predictive risk analysis, combining edge AI, multi-sensor fusion and hardware–software integration. Cooperation opportunities include joint R&D projects with research institutions, pilot deployments with maritime authorities, and integration into national and international safety ecosystems

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Company: OTOTRAK d.o.o.

Point of contact for the brief/challenge: HAMAG-BICRO

Company position in the value chain: OEM (developer of software platforms and autonomous maritime systems)