

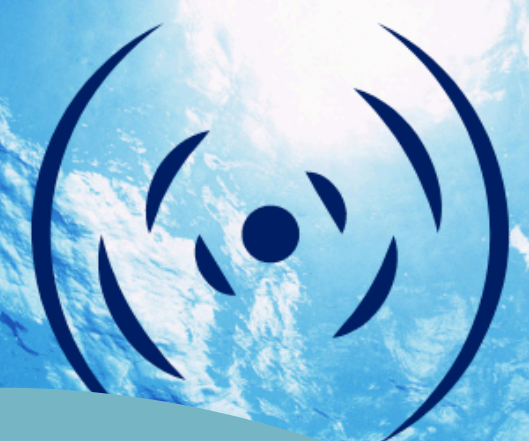


Funded by the European Union

Funded by the European Union (GA 101121288). However, the views and opinions expressed are solely those of the author(s) and do not necessarily reflect those of the European Union or REA. Neither the European Union nor the funding authority can be held responsible.

Project coordinator
Sabine Trupp
✉ sabine.trupp@emft.fraunhofer.de

Project dissemination manager
Mariana Oliveira
✉ oliveira@issnova.eu



Underwater Security

UnderSec Consortium is a multidisciplinary group composed of 22 partners from 11 different countries

Follow us on our official channels



www.undersec-project.eu



[Undersec_eu](https://twitter.com/Undersec_eu)



[undersec-eu-project](https://www.linkedin.com/company/undersec-eu-project)

Protecting ships and maritime infrastructures against illegal acts



Funded by European Union

The project in brief

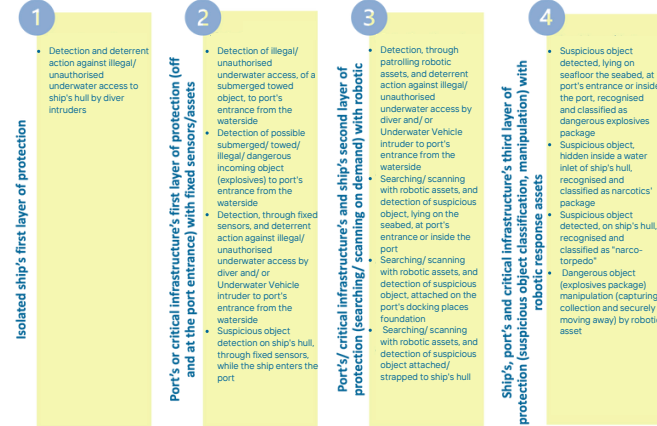
Ships, maritime infrastructures and the whole marine ecosystem need to be sufficiently protected against possible illegal acts, by also fostering underwater security and assuring secure navigation. UnderSec is dedicated to enhancing maritime and underwater security. The project involves a consortium of experts, research institutions, and technology partners, aiming to develop a comprehensive underwater security solution.

The objective

UnderSec aims to develop a comprehensive underwater security system for maritime assets and infrastructures using multimodal sensors and robotic assets.



The Pilots



UnderSec relies on four Real-life Pilot Use Cases (PUC) scenarios that will be the basis for the demonstration, testing and evaluation of all UnderSec system's capabilities and capacities.



The technical framework

The UnderSec system employs a layers-based approach, comprising "Horizontal" Layers of Protection Technologies and "Logical" Layers of Data Management and Exploitation. The former organizes components for specific underwater security tasks, while the latter ensures proper data management, governance, analysis, and exploitation.

