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PRESS RELEASE

COLOSSUS: A new Horizon Europe project kicked off!

We are thrilled to announce the official start of the COLOSSUS project, a market-driven initiative funded by the European Union, under Grant Agreement No. 101225980. With a €1.5 million budget, this Horizon Europe Innovation Action officially commenced in November 2025 and will last 24 months.

The project's kick-off meeting took place from November 6th to 7th, 2025, in Mafra, Portugal, hosted at the premises of [TecnoVeritas](#). The kick-off meeting saw all project partners converge to discuss their roles, responsibilities, and aspirations for the successful realization of the project's specific objectives.

The COLOSSUS project presents an integrated solution for digital security, resilience, and maintenance of port infrastructures, providing real-time data access from autonomous unmanned vehicles (i.e., sea, land, and air) and sensors. Developed in response to the increasing demand for maritime security, COLOSSUS aims to revolutionise the protection of EU maritime infrastructures, aligning with the updated EU Maritime Security Strategy (EUMSS 2023). By bringing together Small and Medium-sized Enterprises (SMEs) from various Member States, the project leverages their innovation potential to tackle key challenges outlined in the EU's Blue Growth strategy and the European Green Deal.

The advanced COLOSSUS solutions will be demonstrated in an operational environment (integrated pilot system level) for iterative performance evaluation and validation. Defined use cases will enable operational evaluation and validation across diverse scenarios at the Arsenal do Alfeite (AASA) naval base in Portugal.

Inspired by the Colossus of Rhodes, this project aims to safeguard Europe's port infrastructure via advanced autonomous systems.

The COLOSSUS consortium, under the leadership of [TecnoVeritas](#), is composed of 5 partners across 3 European countries: Czechia, Greece, and Portugal. The consortium members include: [TecnoVeritas](#) (TV), [UNINOVA](#), [Intelligent Next Generation Systems](#) (iNGS), [Q-PLAN International](#) (Q-PLAN), [ABB](#), and [Arsenal Do Alfeite SA](#) (AASA).

"The COLOSSUS project is a great opportunity for its SMEs to develop a more mature technological solution, a better product, that addresses EU security policy priorities, and in particular the resilience of European ports" said Dr. Jorge Antunes, TecnoVeritas' CEO.



Figure. The COLOSSUS consortium during the Kick-off meeting at Mafra, Portugal on the 6th and 7th of November 2025.

