Innovation and competitiveness

AT-VIRTUAL - Open innovation to improve response in maritime security and safety in the Atlantic Area

Lead Partner: Centro Europeo de Empresas e Innovación del Principado de Asturias (ES)

Total budget: EUR 1.888 million | ERDF: 1.416 million   **Duration:** 01.01.2019 - 31.12.2021

Summary

AT-VIRTUAL will improve the operability and performance of Maritime Safety Training Centres (MSTCs) in the Atlantic Area by enabling businesses to develop emerging technology-based solutions to answer these centers' needs for maritime security operations.

This project intends therefore to accelerate the digitization of MSTCs in the Atlantic Area, through the introduction of new emerging Industry 4.0 (I4.0) related technologies (Vision Technologies, BigData/Analytics, Internet of Things) in simulation-based training systems. This approach will improve Atlantic Area capacity, preparedness, resilience and response to maritime incidents and emergencies in Atlantic waters.

AT-VIRTUAL will also enable MSTCs to adopt solutions exploiting the full potential of latest technologies and to develop new professional fields and a well-trained and up-to-date work force enabling the sector to become safer, more efficient and sustainable. Furthermore, it will contribute to the consolidation of businesses and start-ups by promoting the deployment of an I4.0 market with untapped potential so far, contributing to accelerate intelligent growth and innovation in the Atlantic Area.

www.at-virtual.eu

Partnership

> Laval Mayenne Technopole (FR)
> Instituto Pedro Nunes – Associação para a Inovação e Desenvolvimento em Ciência e Tecnologia (PT)
> South West Business & Technology Centre Ltd (Trading as CorkBIC) (IE)
> Sociedad de Salvamento y Seguridad Marítima (ES)
> Associação de Estudos e Ensino para o Mar (PT)
> Cork Institute of Technology (IE)
> Fundación Tecnalia Research & Innovation (ES)

ATLANTIC AREA PROGRAMME 2014-2020

More information: www.atlanticarea.eu

Data extracted on: April 2019