

SIRMA - Strengthening infrastructure risk management in the Atlantic Area

Lead Partner: Universidade do Minho (PT)

Total budget: EUR 2.023.995 | ERDF: EUR 1.517.996

Duration: Jan 2019 - Dec 2021

Summary

Most of the transportation of people and goods in Atlantic Area is made through rail and road. The performance of this infrastructure is directly affected by extreme natural events and by the strong corrosion processes that result from proximity to the Atlantic Ocean.

SIRMA project aims to develop a robust framework for the management and mitigation of such risks, by implementing immediate, medium and long-term measures, thus increasing the resilience of transportation infrastructure.

This project will address the transportation infrastructures by developing a systematic methodology for risk-based prevention and management; developing a real-time process to monitor the condition of transportation infrastructure; and enhancing the interoperability of information systems in the Atlantic Area, by taking into account the data normalization and specificity of each country.

Partnership

- > University College Dublin (IE)
- > Universidade de Vigo (ES)
- > Université de Nantes (FR)
- > University of Surrey (UK)
- > Azvi, S.A. (ES)
- > Iarnród Éireann (IE)
- > Infraestruturas de Portugal, SA (PT)

Associated partners:

- > Queen's University Belfast (UK)

