Atlantic CAM

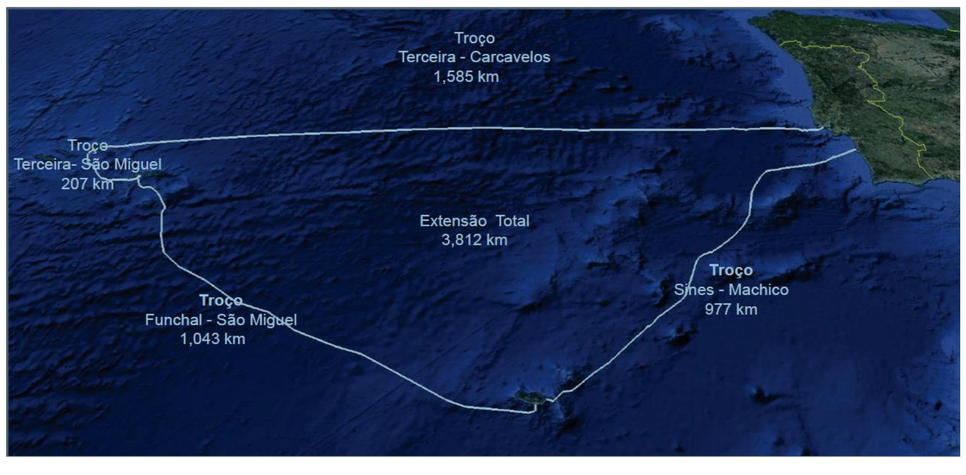
OBJECTIVE

Currently, the Portuguese Outermost Regions, namely the Autonomous Region of Azores (“ARA”) and the Autonomous Region of Madeira (“ARM”), are served by a domestic system of submarine cables known as CAM Ring. Due to the impending obsolescence of this system constituents, the retirement of CAM Ring is estimated to occur in the years 2025 (between mainland Portugal - ARM), 2024 (between mainland Portugal - ARA) and 2028 (between ARA - ARM). Therefore, timely ensuring its replacement is an essential priority, requiring a long-term solution to satisfy future connectivity needs by providing an adequate response to the challenge of increasing connectivity expected in the next 30 years, namely by the generalization of 5G mobile communication technologies and by the growing digitalisation of society.

To address this structural need, the Atlantic CAM will be created – a ring system of submarine cables with six fibre optic pairs, that will take advantage of Portugal's privileged geographic position and support an interconnection hub for backbone networking systems, ensuring not only the traffic needs of the next 30 years of ARA and ARM regions but also globally, attracting international clients to this hub. The Atlantic CAM will also be one of the first global network backbone infrastructures to ever integrate a state of art SMART component for seismic detection, environmental monitoring, underwater nautical activity detection and data transmission for scientific purposes, with local, regional, national and worldwide impact.

In this context, this project, based on technical studies to be completed within its scope, will deploy a submarine cable with 6 fibre pairs between mainland Portugal and the Azores, and the same from Azores to Madeira. Additionally, it will deploy an Azores inter-island cable segment with 12 fibre pairs.

As part of the deployment of the Atlantic CAM platform, this initiative will play a vital role in reinforcing the digital sovereignty of Portugal and the European Union, connecting Europe’s remote regions and providing high-speed data transfer capabilities and secure and reliable communication channels, while reducing the dependence of these regions on non-European countries for critical digital infrastructure.



PROJECT INFORMATION

Acronym: 22-PT-DIG-Atlantic CAM

Project ID: 101133682

Start date: 01 February 2024

End date: 31 May 2027

EU Contribution: 40 500 000,00 €

Funded under: Connecting Europe Facility (CEF)

PROGRAMME
Connecting Europe Facility (CEF)

TOPIC
CEF-DIG-2022-GATEWAYS-WORKS

TYPE OF ACTION
CEF Infrastructure Projects

Co-funded by the European Union

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/projects-details/43251567/101133682/CEF2027?order=DESC&pageNumber=1&pageSize=10&sortBy=title&keywords=ATlantic%20CAM&isExactMatch=true