



Observing the Ocean and Earth with



SMART Cables Report

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UNESCO



IOC



WMO



UNEP

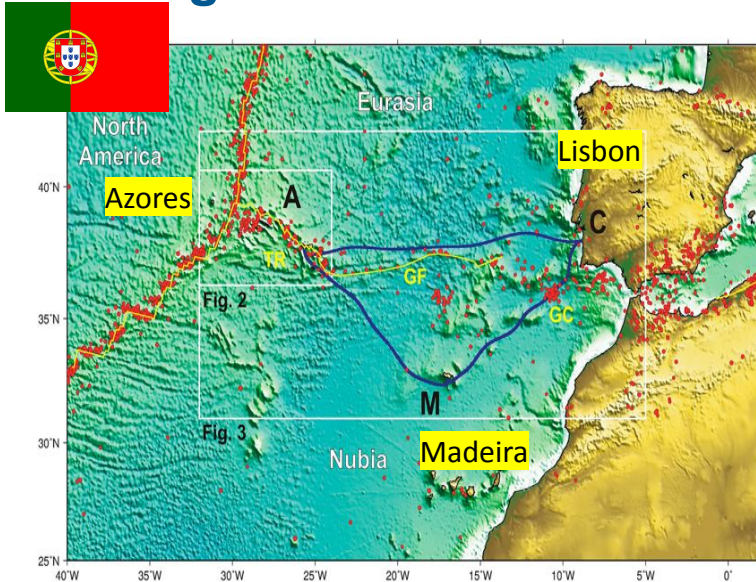


ICSU

Success Stories



Portugal SMART Atlantic CAM



- 3700 km, ~50 SMART
- Gov't funding €154M. With EU support
- €154M ~ 1 ship+sensors, 25 years (€6M/y)
- SMART 10% €15M ~ €1.5/citizen/25 y

TAMTAM SMART Cable System



Both Ready for Service 2026

- 450 km long, 4 SMART
- France funding SMART

- 25+ year life, reliable, low lifetime cost
- Leverage \$5B/y industry, 170 y

Priorities

Short term (2y+)

- Keep promoting synergies between science, industry governments and other related stakeholders
- Have SOOS and other GRA as allies to promote SMART cables in an organized way.
- Be officially an emerging network
- Be part of the GOOS Public Outreach process
- Develop the process for SMART data

Long term (5+ years)

- Have 4 SMART cable systems around the world.
- Have synergies between telecom and science with the Antarctic, Arctic, Pacific Islands, Caribe and South East Pacific Communities
- Have a standardized process for SMART data