



Portugal National Report

DBCP– 38, Hybrid meeting, Geneva, Switzerland, 1-4 November 2022

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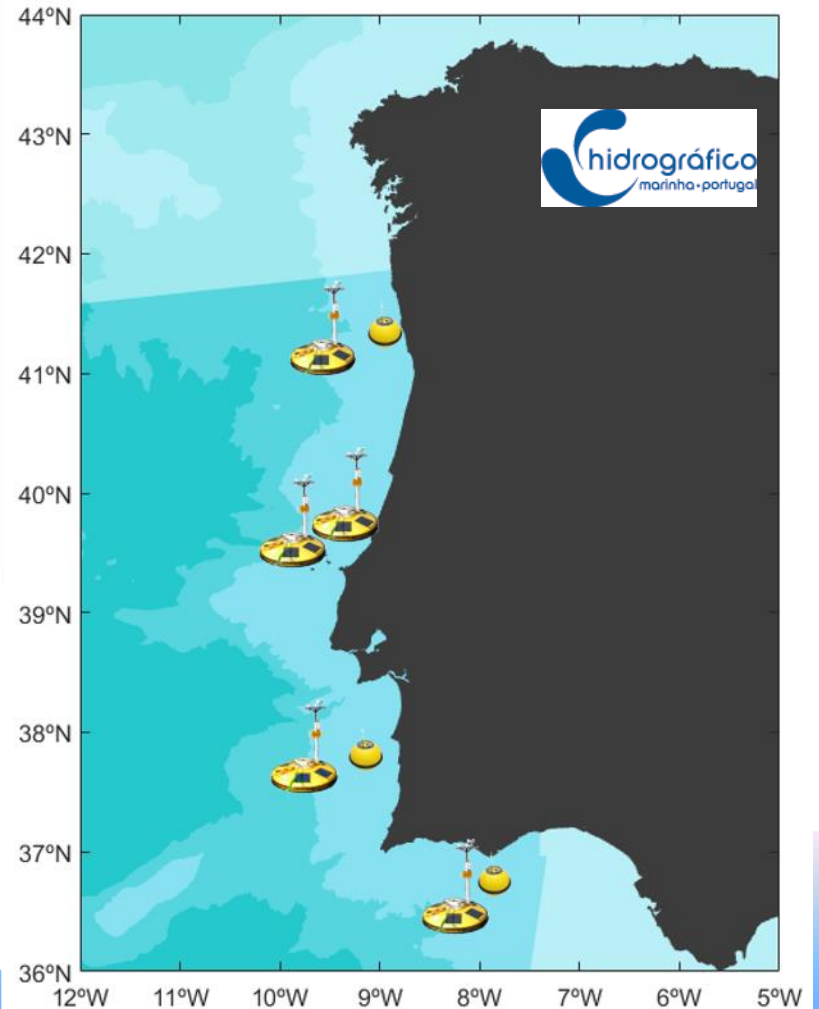
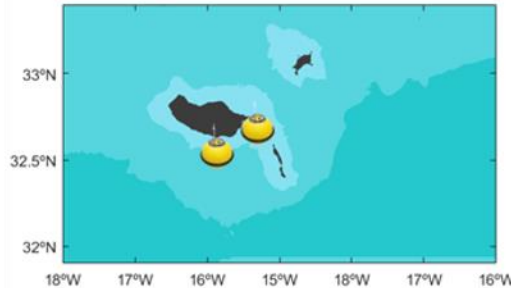
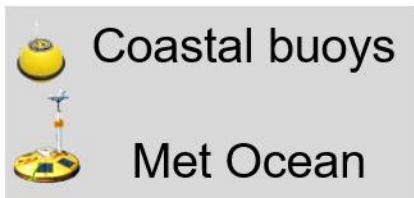
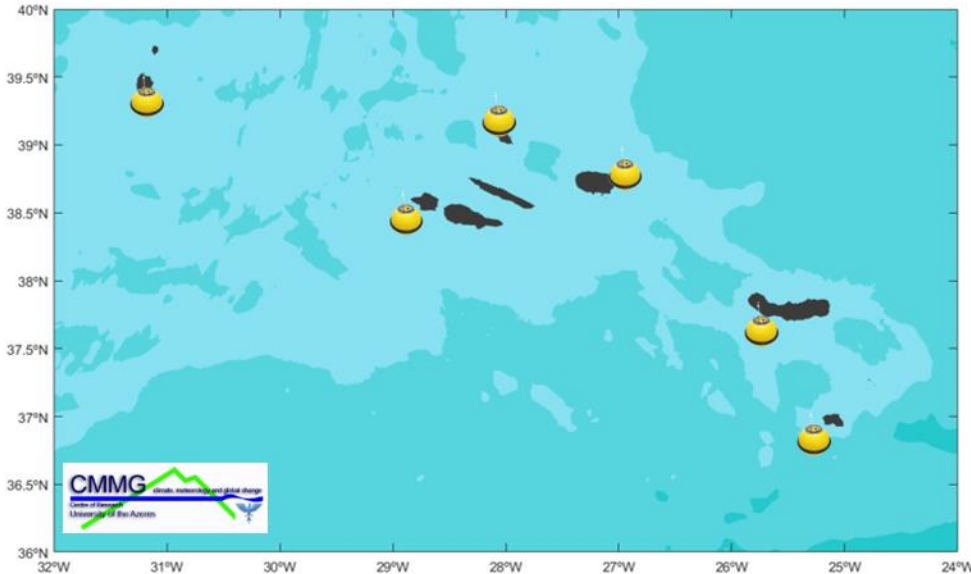




Portugal

Moored buoys network

16 Moored Buoys





Portugal

Moored buoys network

Datawell waverider

Sensors: wavesense and SST;
Depth: ~100m
Data transmission: VHF - every
30 min.
Maintenance – 1 per year;

Wavescan Sensors

- wave sense
- meteo sensors
- sea temperature
- currents (ADCP)

Hourly data transmission:
IRIDIUM



GTS - BUFR





Portugal

Moored buoys network

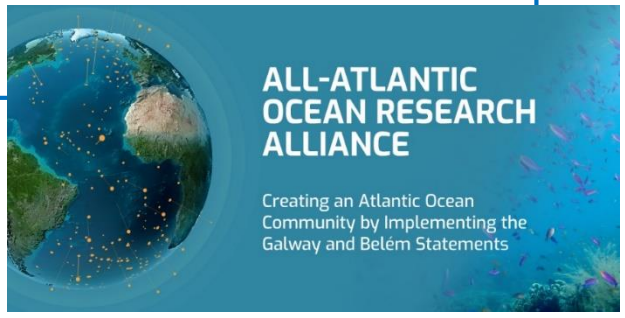
Purpose of the programme:

- Marine Safety
- Support military operations
- Extreme events evaluation
- Study wave climatology
- Validate models forecasting

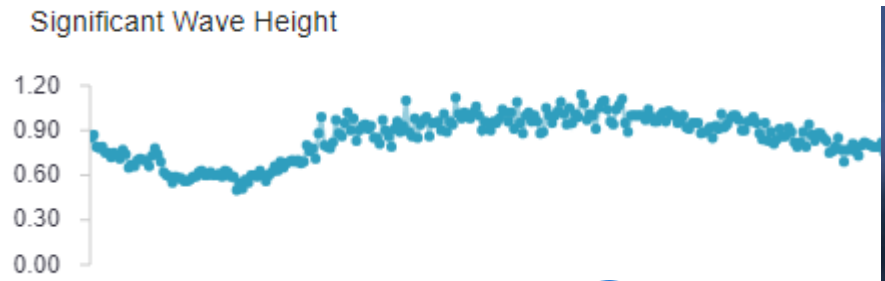


Key Successes/Highlights

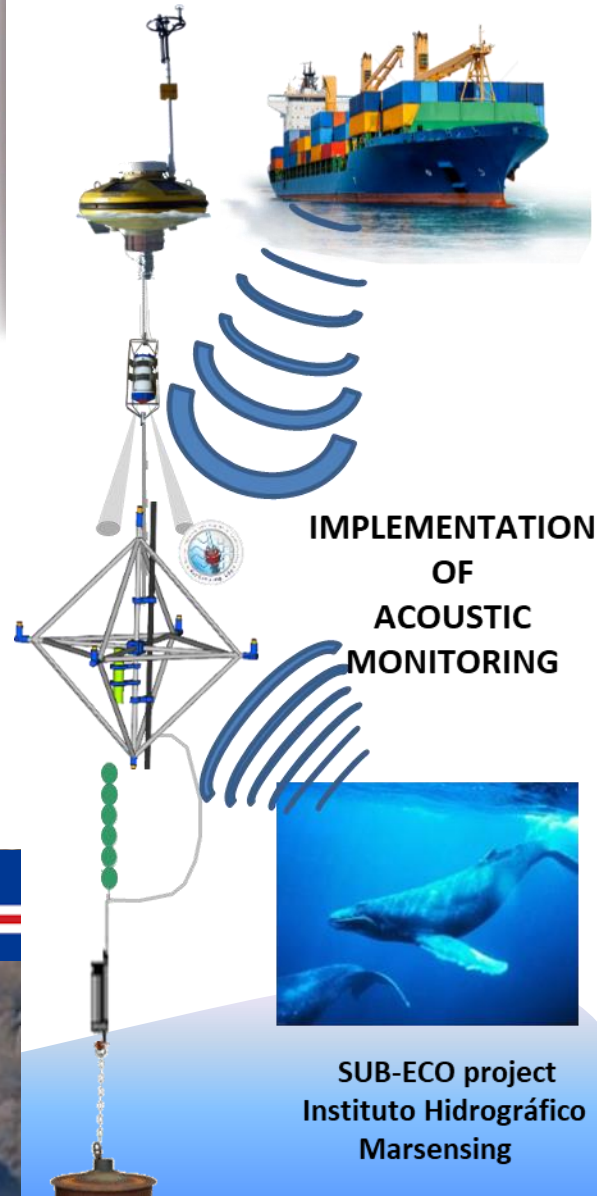
Jerico - is an integrated pan-European research infrastructure



Project with Cabo Verde, Angola
São Tomé and Príncipe - Spotter Buoys;



Acoustic Monitoring;



SUB-ECO project
Instituto Hidrográfico
Marsensing

Data Usage

Models validation

Search and Rescue (SAR)

Extreme Events

Ocean Observations

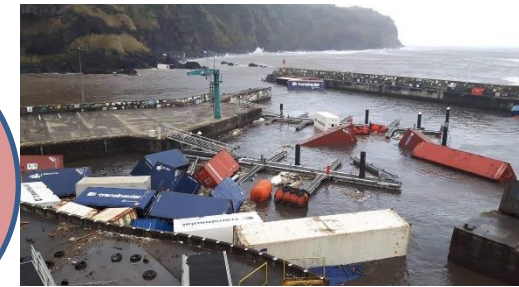
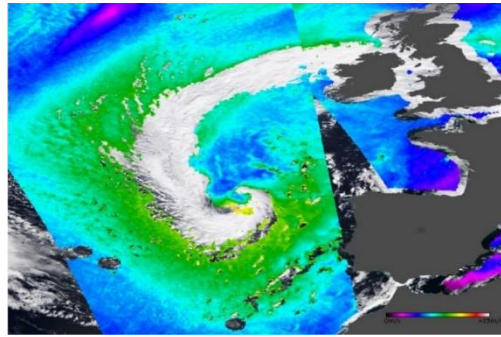
Harbor authority

Renewable Energy

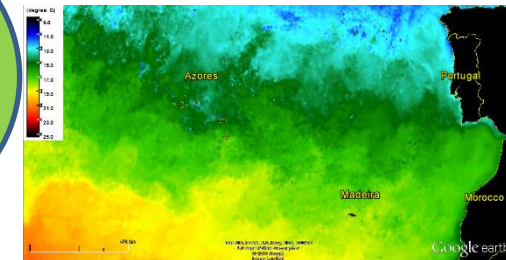
Research

Nautical Sports

Aquaculture



Hurricane Lorenzo

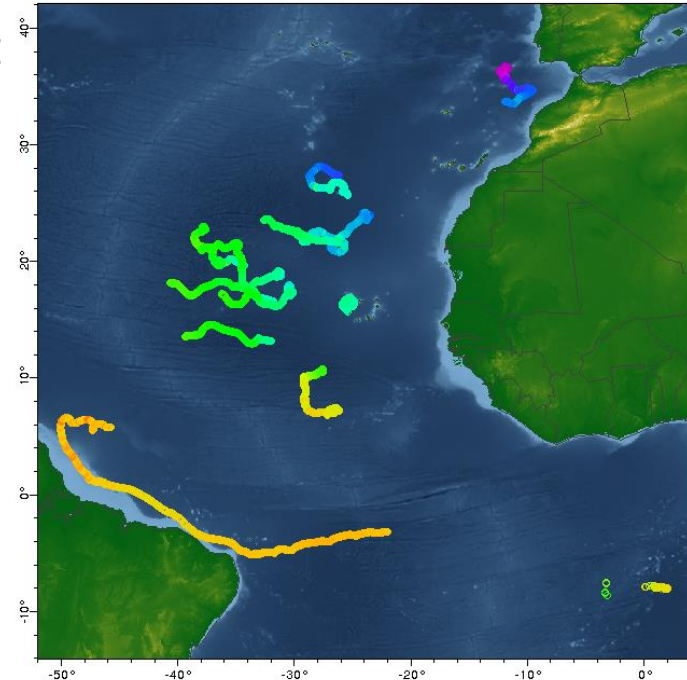




Drifting Buoy deployment

25 SVP-B deployed on behalf of E-SURFMAR:

- 16 Drifters - deployed in Oct-Dec21 (Lisbon-Angola);
- 2 Drifters - deployed in Mar22 (Lisbon-Madeira Island);
- 7 Drifters - deployed in Aug 22 (Lisbon-Brazil);
- Contributing to the GDP and E-SURFMAR programme





Thank you!

