



# Portugal National Report

**DBCP – 37, VIRTUAL, 8-11 November 2021**

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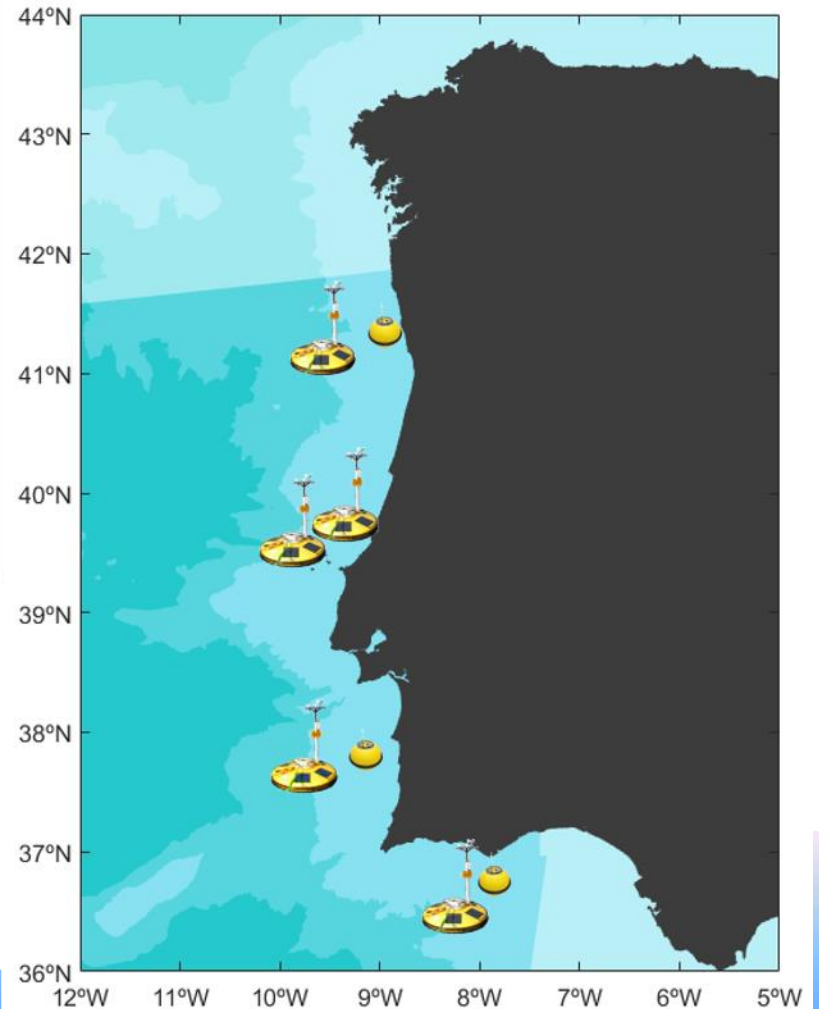
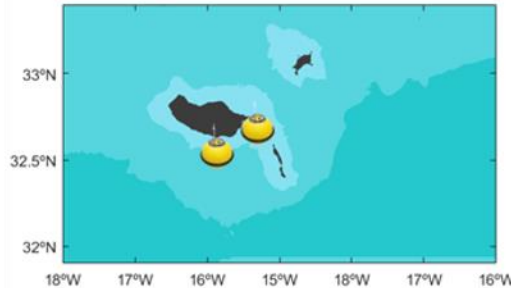
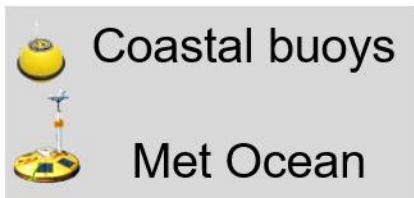
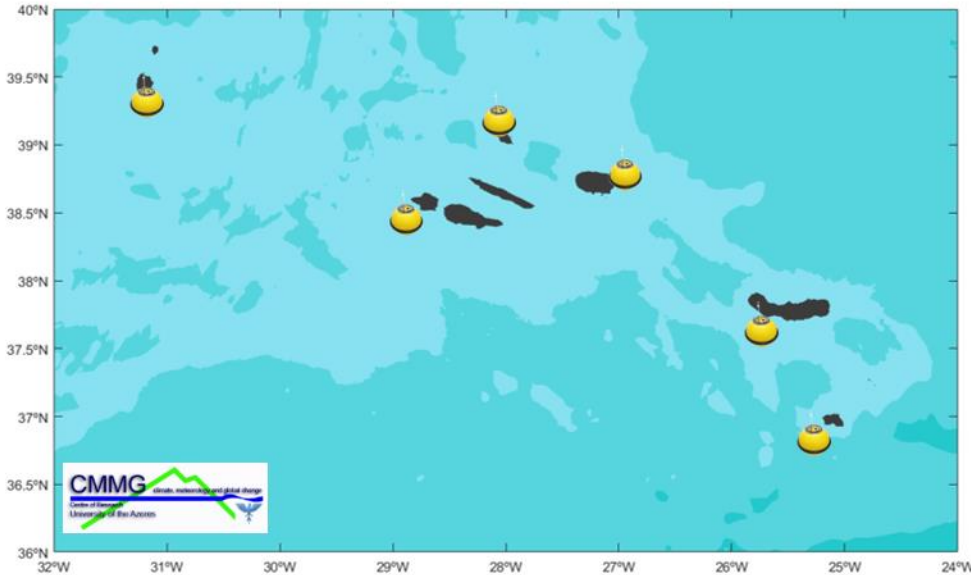




# Portugal Moored buoys network



## 16 Moored Buoys





# Portugal

## Moored buoys network



### **Purpose of the programme:**

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



# Portugal

## Moored buoys network



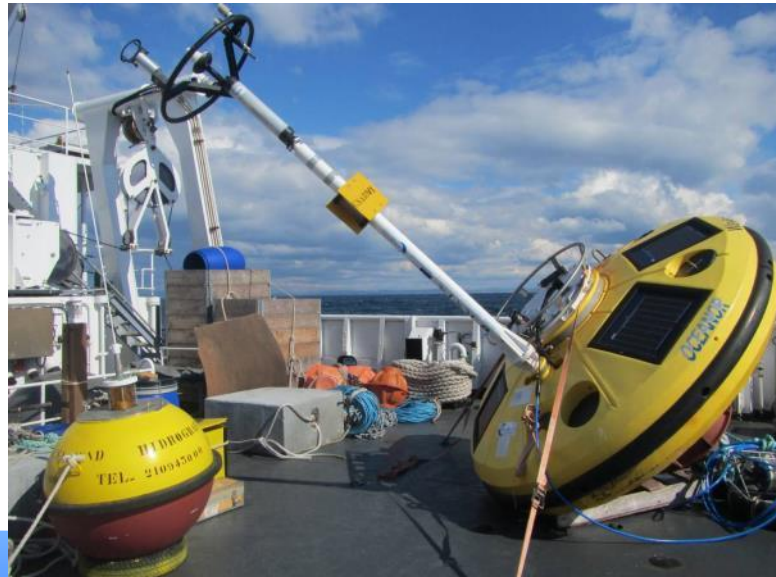
### Datawell waverider

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

### Wavescan Sensors

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

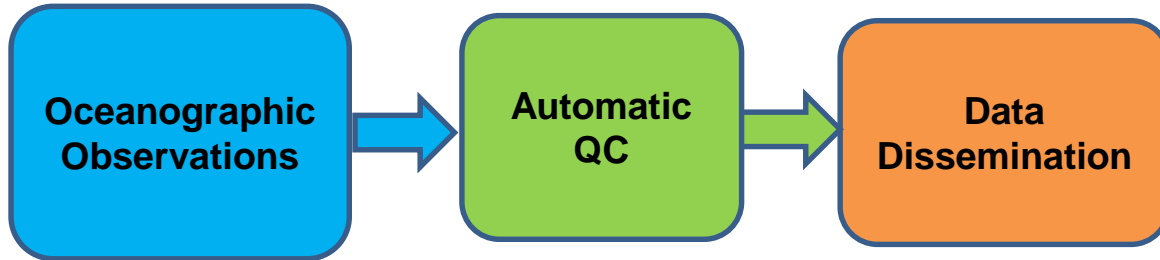
Hourly data transmission:  
IRIDIUM and GTS - BUFR



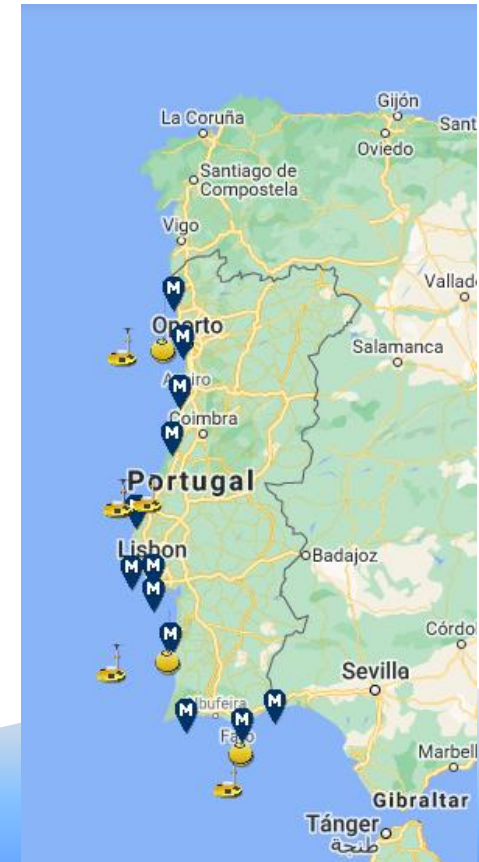
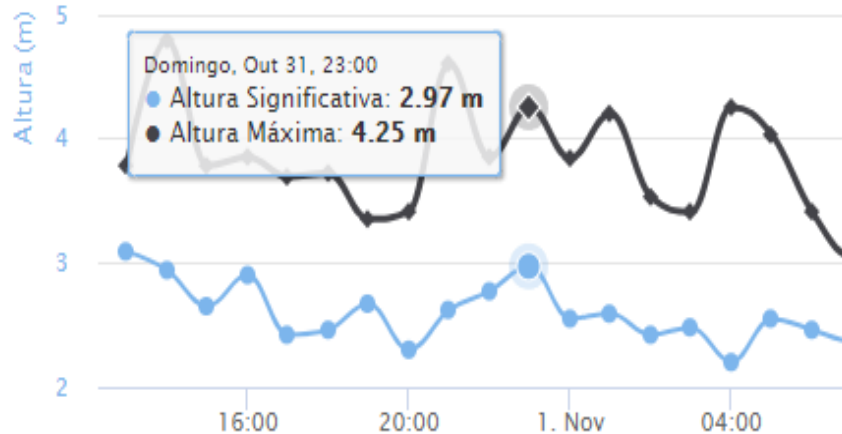


# Portugal

## Moored buoys network



<https://geomar.hidrografico.pt>

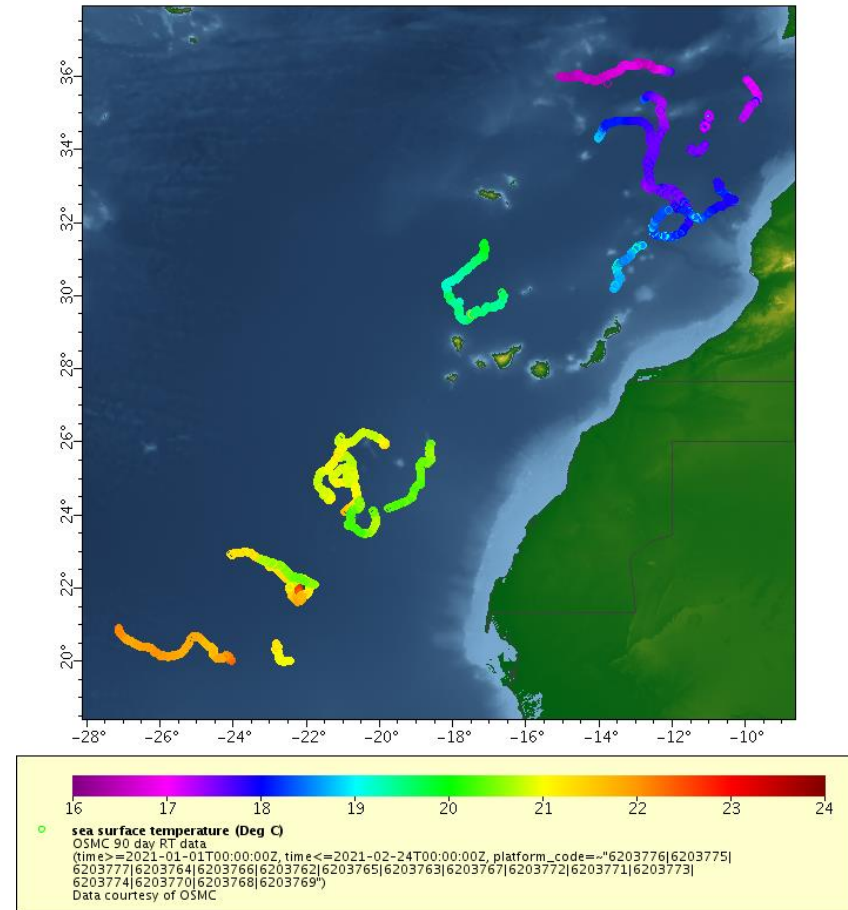




# Drifting Buoy deployment



- 16 Drifters were deployed in February 2021;
- Planning to deploy 16 drifters in October-December 2021;
- Contributing to the GDP-NOAA and E-SURFMAR programme





# Thank you

