

# Copernicus Marine Service General Assembly



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ONLINE EVENT

CMEMS

DEMONSTRATION COASTAL - IBI

IBISAR

MERCATO

#### **IBISAR TEAM**



- \* 45 people (5 in IBISAR)
- \* Mallorca Island, Spain
- Scientific excellence with impact on society
- Data management capacities
- · Products and services strategy
- Outreach service



- \* > 5000 employers (3 in IBISAR)
- Australia, Asia, Europe and North America
- Technical skills (ICT tools)
- Tailor-made products
- Industry involvement
- · Large client base (25 countries)



Puertos del Estado

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- ~240 people (3 in IBISAR)
- \* Basque country, Spain
- \* EU Projects coordination experience
- \* HFR activities at EU level
- \* Leaders of CMEMS-SE INCREASE, COMBAT, HFR-TT CMEMS-INSTAC Phase 2





SOCIE Beleric Islanding and Forexasting System



#### Markets:

## COASTAL MONITORING

### **IBISAR Service**:

- Why? SAR operators and emergency responders need reliable ocean current predictions and observations.
- What? User-friendly skill assessment tool to visualise, compare and evaluate the performance of ocean current predictions.
- How? Guide users to select the most accurate ocean current forecast.

### End users targeted:











24%



Condition of use and accessibility: *freely accessible under registration on <u>www.ibisar.es</u>* 

## **Geographical areas**:

-IRISH

**IBERIAN-BISCAY** 

REGIONAL SEAS

#### DOWNSTREAM SERVICE-DESCRIPTION





Satellite-tracked surface drifters (from the IBI region)

6 HF radar networks (from the IBI region)

8 ocean models (3 CMEMS, 2 regional, 3 coastal)



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**IBISAR** 



#### CMEMS PRODUCTS IN USE





#### ADVANTAGE OF USING CMEMS





#### NEED FOR IMPROVEMENT IN CMEMS











#### FUTURE

Copernicus is a user policy-driven program-

- Model downscaling Model assessment Data assimilation Services development Need reliable data Need skill assessment tools Need easy-to-use metrics Engaged over the entire lifecycle To view, compare & assess model skill Guides users to select the most accurate ocean forecast
  - Facilitates decision-making at sea

Evolving user needs to be considered? Specific budget for progressing in UU? Continuity of long-term services?