**ODYSSEA will set up, operate and maintain a network of nine local / regional Observatories around the Mediterranean Sea aiming to cover and support end-users' specific needs in marine data.**

## ODYSSEA IS EXPECTED TO:

- Integrate existing Earth Observing systems into a single platform

- Develop a community of Mediterranean data users

- Offer on-demand derived data services for end-users and stakeholders.
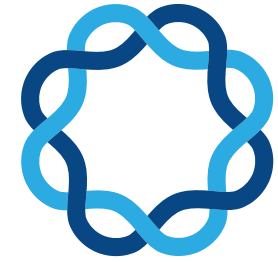
# ODYSSEA

**ODYSSEA is a user-centred project aiming to make Mediterranean marine data easily accessible and operational to a broad range of end-users operating in the Mediterranean Sea.**
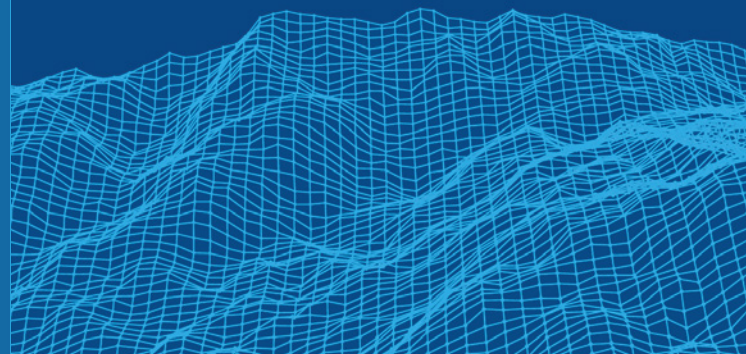
**ODYSSEA will train and educate policy-makers and end-users on marine data usage, demonstrate all new technologies (sensors, models, systems) and educate young scientists, engineers and entrepreneurs**

## MARKET SECTOR

ODYSSEA develops services for end-users operating in the Coastal and Marine Environment. We will provide historic data, real-time and NRT data and operational forecasts (raw and processed).

### Intermediate User
ODYSSEA acts as an intermediate user that uses marine data services to help develop and foster products and businesses for end users.

### End User
ODYSSEA targets end users such as fishery and mariculture SME's, port authorities, oil & gas operators, maritime industry, public health and civil protection authorities, etc.

## CONTEXT

Mussel culture operators will benefit from marine and weather data and early warnings on approaching toxic algal blooms or heat waves affecting mussels growth.

Port authorities request salinity and density data to compute cargo ship buoyancy to optimise timing for entering harbours.

National / regional authorities request wind and wave/currents data to indicate appropriate waterways for seaplanes.

## OBJECTIVES AND CHARACTERISTICS

**The 'ODYSSEA Platform' is the final project deliverable, integrating data from existing Earth Observing Systems (external data) and the data produced at ODYSSEA Observatories (internal data, in-situ systems and models).**

Until the Platform's final delivery, an ODYSSEA platform 'mock-up' has been developed by DUTH to contact and interact with end-users. CMEMS data and data from other systems (NOAA, Metar) were retrieved and synthesised to develop easy to understand graphs and texts.

Social media (Facebook and twitter) are being used to approach end users and develop 'mock up' versions.