



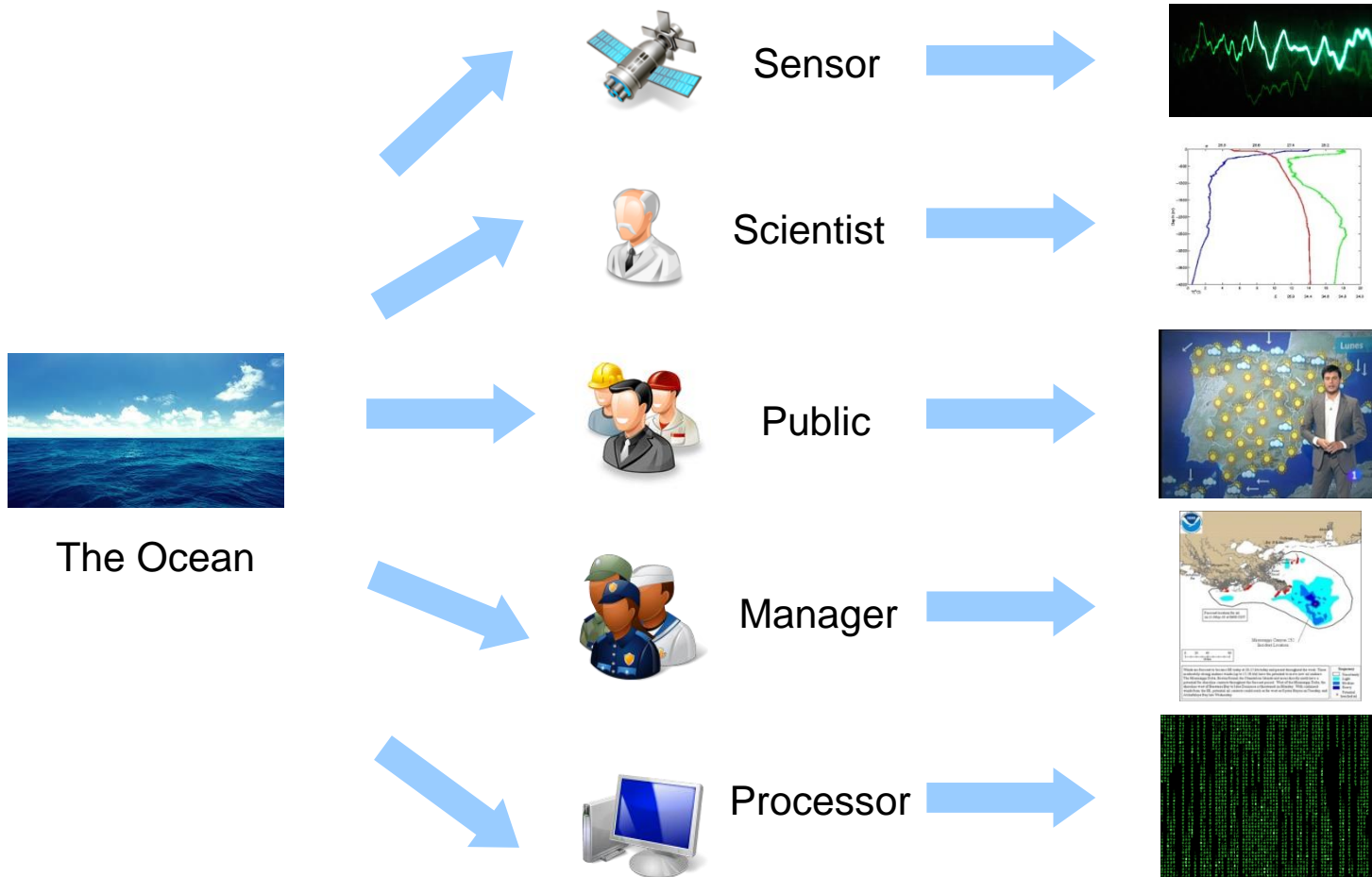
# PT02\_Aviso5\_0002

## SeaBioData - Portuguese Seamounts Biodiversity Data Management

# A Complex Ocean, Even More Complex Data



# Data Requirements



## Goal

To develop a data management system to support the activities of the Department of Sea and Marine Resources of IPMA

- Starting point: the BIOMETORE database
- Integrate all the physical, chemical, and ecological information regarding all the surveyed areas

## Output

Technological framework for monitoring particular ecosystems such as **seamounts**

## Partners:



## Consultant:



# Outputs

- Integration of
  - (i) a **repository** for the campaigns, including videos, physical and biological data;
  - (ii) a system to assimilate and provide data from **observations** (time series) according to INSPIRE
- Two domains
  - (i) information from the **human pressures** (fishing activities);
  - (ii) information on the ecosystem monitoring.
- Two services:
  - (i) temperature, salinity or Chlorophyll a of the water column for a predefined area;
  - (ii) total biomass; ...
- Two added value services
  - (i) identification of vulnerable ecosystem areas;
  - (ii) fishing effort indicator.