



# PLASMAR

Bases para la planificación sostenible de áreas marinas en la Macaronesia

# MSP data framework

update with TEG on MSP data

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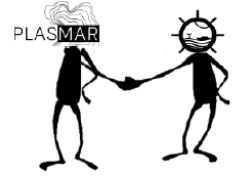
Consejería de Agricultura, Ganadería, Pesca y Aguas



Secretaria Regional de Agricultura e Pescas

# Efficient Data Collection needs established Data Flow within the project

## 2017 Capacity Building “Hands on” Workshop



Q back/home < Anterior Siguiente >

Descargar ▾ Modo de visualización ▾

WMS Biomasa de Benthic\_cephalopods en costas de Islas Canarias. Resumen por grupos tróficos.

Each grid allocates biomass estimates (Kg/km2) obtained with the module Ecospace included in the software Ecopath with Ecosim (EwE). The most relevant species included in this group are Octopus vulgaris and Sepia officinalis

Completado

Descargas y enlaces

Biomasa de Benthic\_cephalopods en costas de Islas Canarias. Resumen por grupos tróficos

Añadir al mapa

Este conjunto de datos se ha publicado en el servicio de visualización (WMS) disponible en <http://www.geoportal.usgc.es/geoserver/modoseco/wms?request=GetCapabilities> con el nombre de capa CANBenthic\_cephalopods

CANBenthic\_cephalopods

Añadir al mapa

El conjunto de datos está publicado en el servicio de descarga (WFS) disponible en <http://www.geoportal.usgc.es/geoserver/modoseco/wfs?request=GetCapabilities>

Escoge un featuretype (tipo) ▾

Biomasa de Benthic\_cephalopods en costas de Islas Canarias. Resumen por grupos tróficos.

Abrir enlace

CANBenthic\_cephalopods

[http://www.geoportal.usgc.es/atom/download/ES\\_ECDOA\\_QUA\\_MSPMD\\_DATASET\\_10560.zip](http://www.geoportal.usgc.es/atom/download/ES_ECDOA_QUA_MSPMD_DATASET_10560.zip)

Visión de Conjunto

Extensión espacial

- Islas Canarias

Extensión temporal

Fecha de creación

2020-02-25

Fecha de revisión

Acerca de este recurso

# Information coming from the data flow become chaotic



# Marine environment data cluster

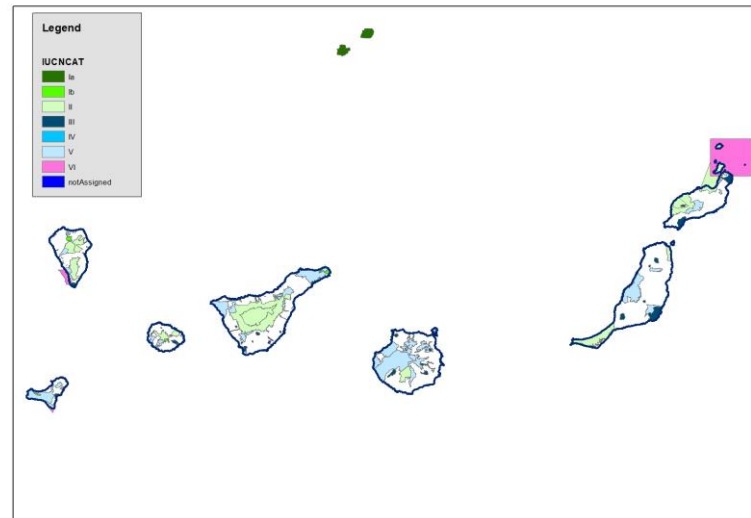
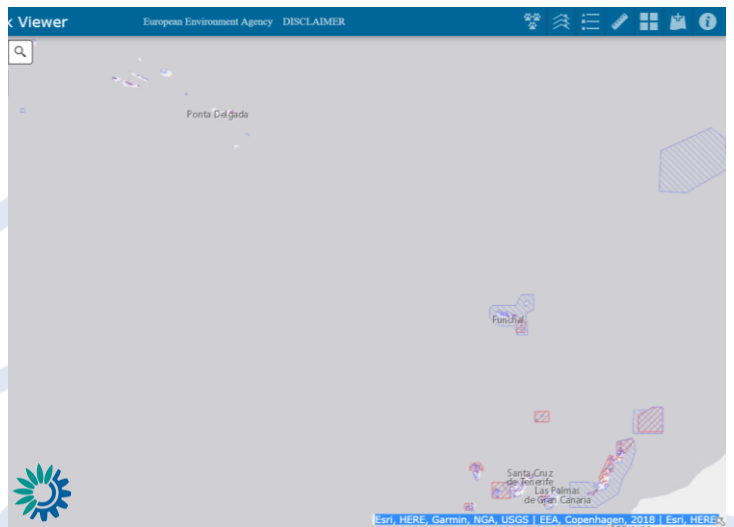
- How do you define marine Environment? What is marine biodiversity? Marine water quality? Observations, assessments?
- Data on the marine environment are structured following the MSFD, which described the GES of the European marine waters using 11 Quality Descriptors and 39 related Criteria Elements
- MSFD Article 19;



Good Environmental Status

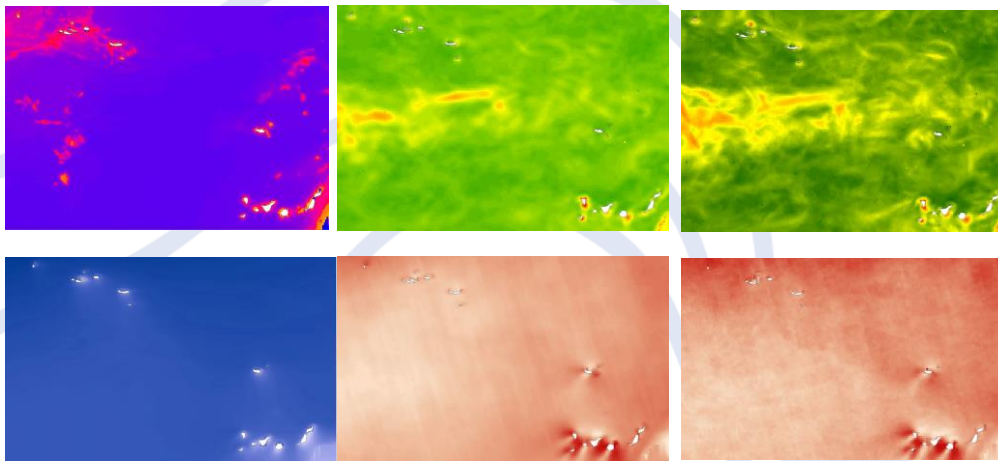
# Marine conservation cluster

- information on MPA spatial extension & info. on conservation targets;
- analysis on (in)compatibilities uses with maritime and coastal sectors
- two open access data basis, by the EEA: Nationally Designated Protected Areas Inventory (CDDA) and Natura 2000 Network



# Oceanographic parameters cluster

- Relevant to consider oceanographic conditions as determinant for most of the maritime activities. Bathymetry, temperature, wind strength, waves, currents....
- are parameters that can define thresholds of economical sustainability for the aquaculture, offshore wind energy sector, even fisheries etc



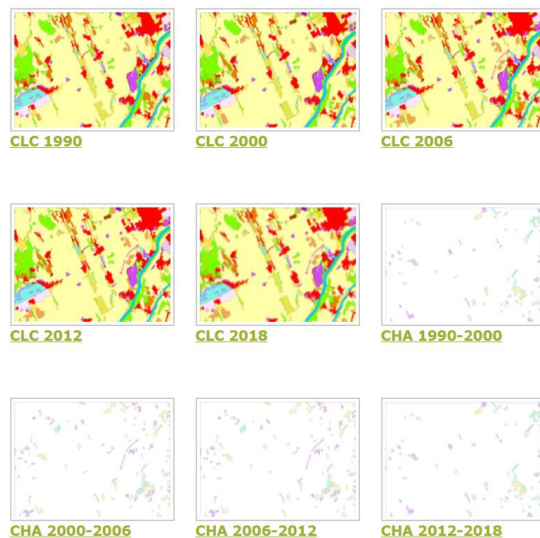
A screenshot of the Copernicus Marine Environment Monitoring Service website. The header includes the European Commission logo and the service name. The main content area features a globe and several key sections: 'ACCESS YOUR OCEAN INFORMATION' with buttons for 'GETTING STARTED', 'OCEAN DATA', 'OCEAN MONITORING INDICATORS', and 'OCEAN STATE REPORT'. Below this, there are sections for 'EVENTS AGENDA', 'PARTNERS AND STAKEHOLDERS', 'FOCUS ON', and 'TRAINING AGENDA'. The footer contains navigation links like 'ABOUT US', 'PARTNERS &amp; STAKEHOLDERS', 'MARKETS', 'FEEDBACK SURVEY', and 'ANY QUESTIONS? Ask the Service Desk'.



# Coastal *Land use* cluster

- To analyze, identify land–sea interactions;
- Analysis on coastal and maritime sectors conflicts & synergies
- HILUCS classification – use of the MSP INSPIRE data model

## CORINE Land Cover

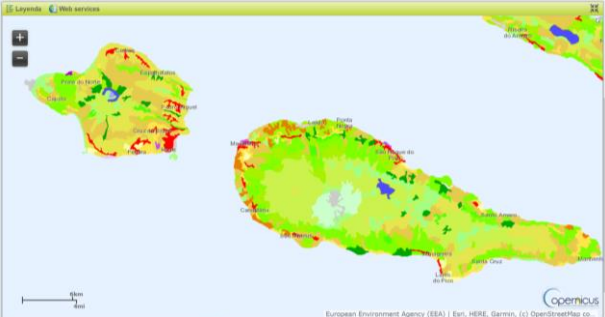




# PLASMAR MSP data framework

<p>Biological diversity</p> <p>1. </p>	<p>Non-indigenous species</p> <p>2. </p>	<p>Population of commercial fish/shellfish</p> <p>3. </p>	<p>Elements of marine food webs</p> <p>4. </p>
<p>Eutrophication</p> <p>5. </p>	<p>Sea floor integrity</p> <p>6. </p>	<p>Alteration of hydrographical conditions</p> <p>7. </p>	<p>Concentrations of contaminants</p> <p>8. </p>
<p>Good Environmental Status</p>	<p>Contaminants in fish/seafood for human consumption</p> <p>9. </p>	<p>Marine litter</p> <p>10. </p>	<p>Introduction of energy including underwater noise</p> <p>11. </p>

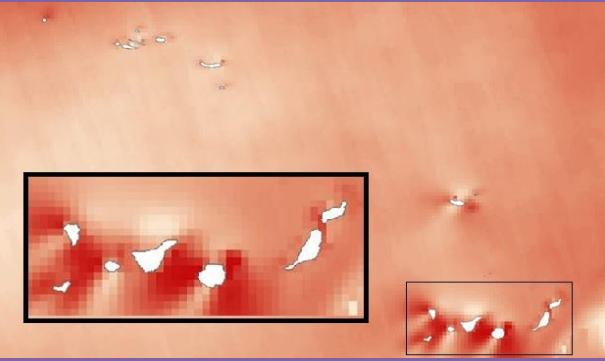
**MSFD Good Environmental Status**



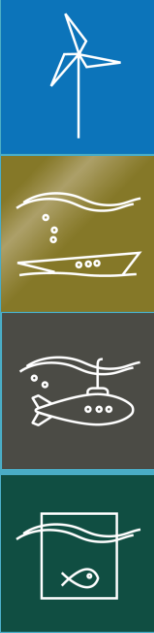
**(Coastal) Land Use**



**Marine Protected Areas**

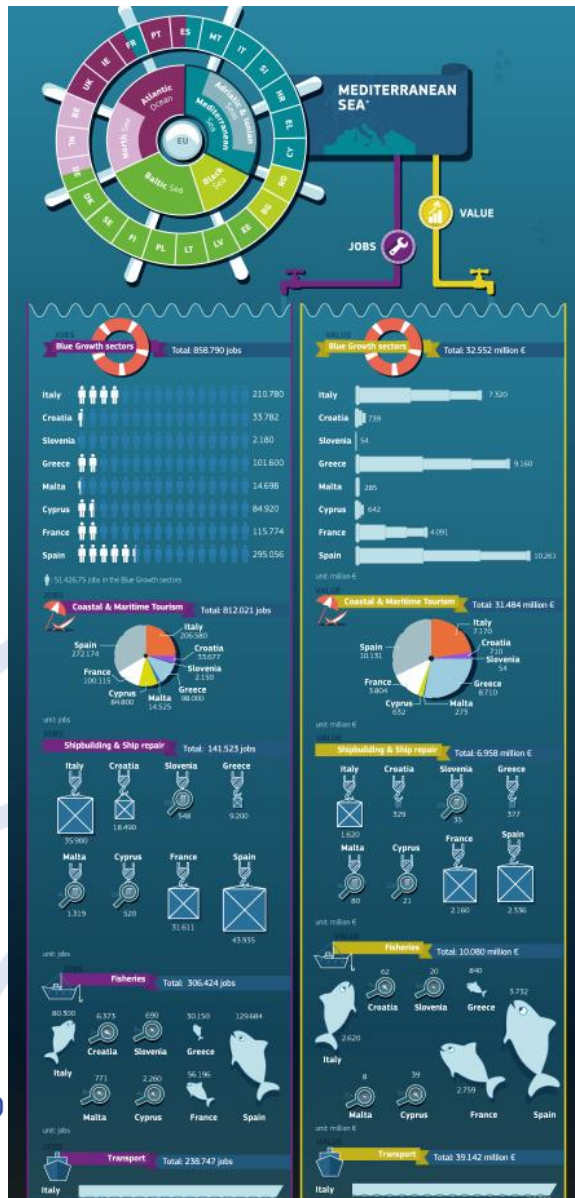


**Oceanography**



**Maritime activities/ Uses**

# Update – MSP data framework



## MSP Input Data

required for analysing initial conditions

- **Oceanographic spatial information** (ocean temperature, waves, currents...)

- **Data on marine environment** (eutrophication level, benthic habitat status...)

- **Marine conservation** (extension and objectives of Marine Protected Areas...)

- **Information on coastal and maritime activities** (aquaculture, ocean energy facilities, coastal tourism, ports and harbours...)

- **Socio-economic information** (coastal population, unemployment, income by sector...)

- **Governance information** (administrative units, prospecting permits...)