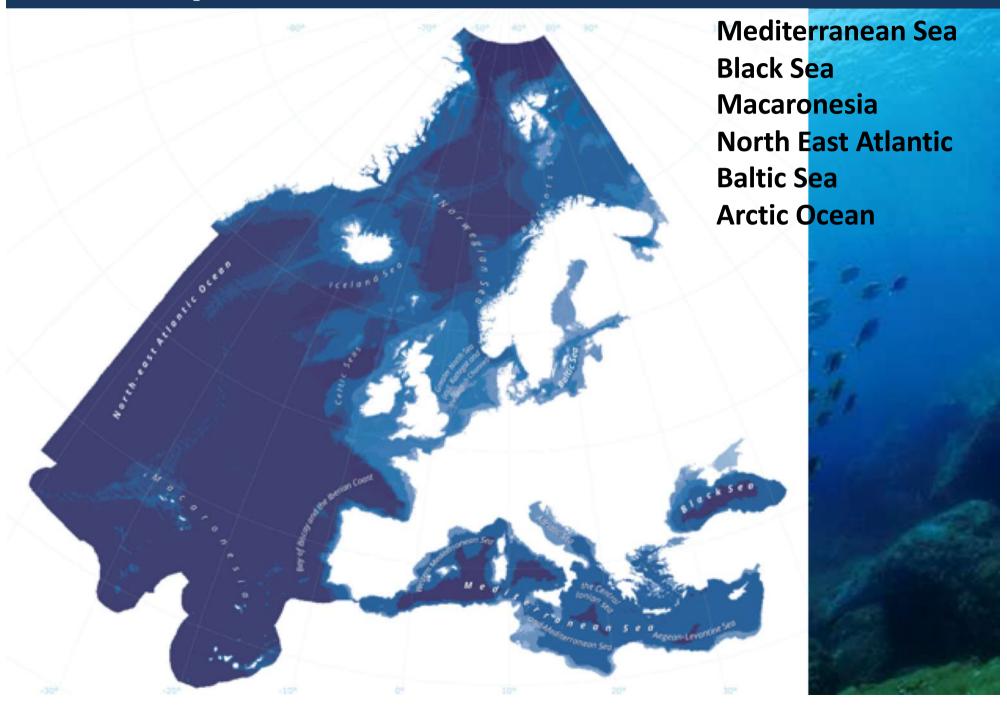
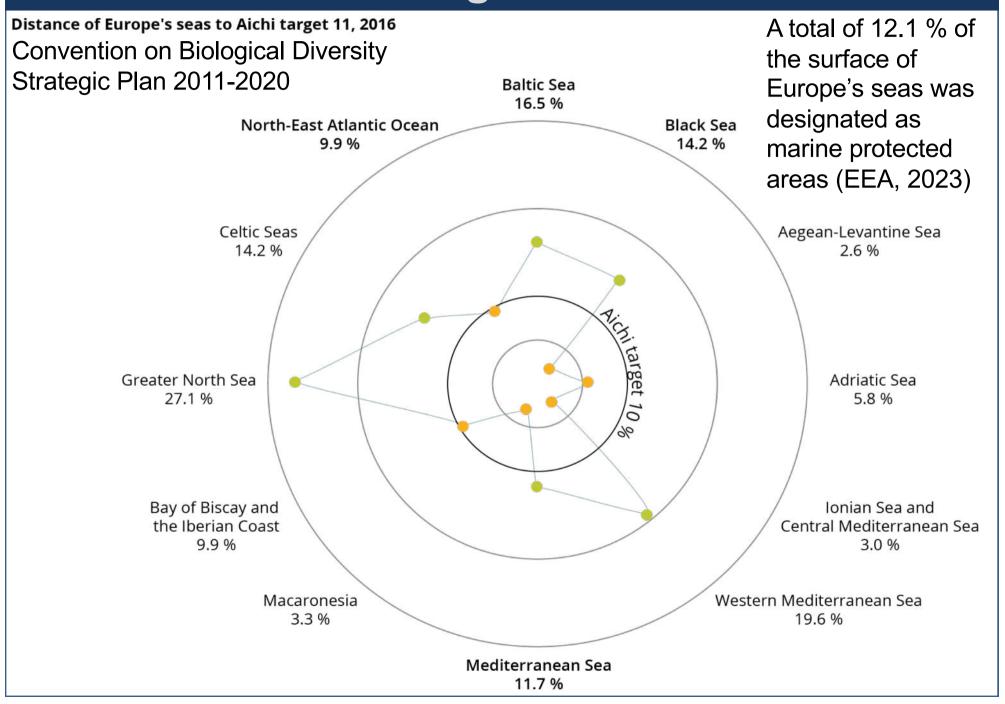


# The European Seas



## Marine conservation targets



#### EU MPAs in a nutshell



Near shore (0-1 NM)

44.3 %

(165 301 km<sup>2</sup>)



Territorial (1-12 NM)

8.6 %

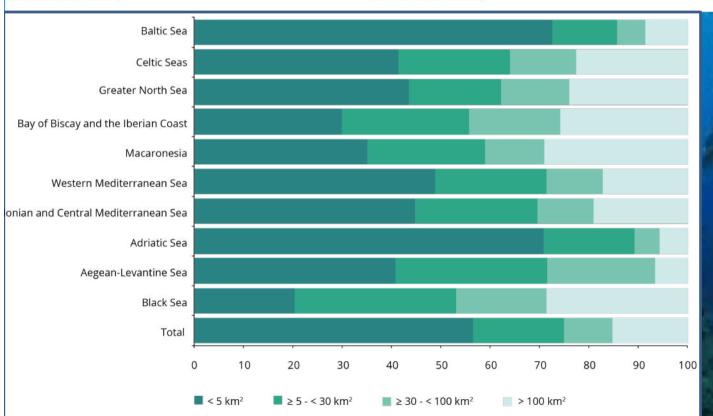
(856 125 km<sup>2</sup>)



Offshore (12 NM-END)

7.2 %

(4 769 289 km<sup>2</sup>)



Most of protected surface is in coastal areas, whereas territorial waters and offshore areas are poorly covered. Most of MPAs extend for less than 5 km<sup>2</sup>

#### Natura 2000 Sites

Sites of Community Importance (SCI) – marine SIC are basically Posidonia oceanica meadows ('SIC')

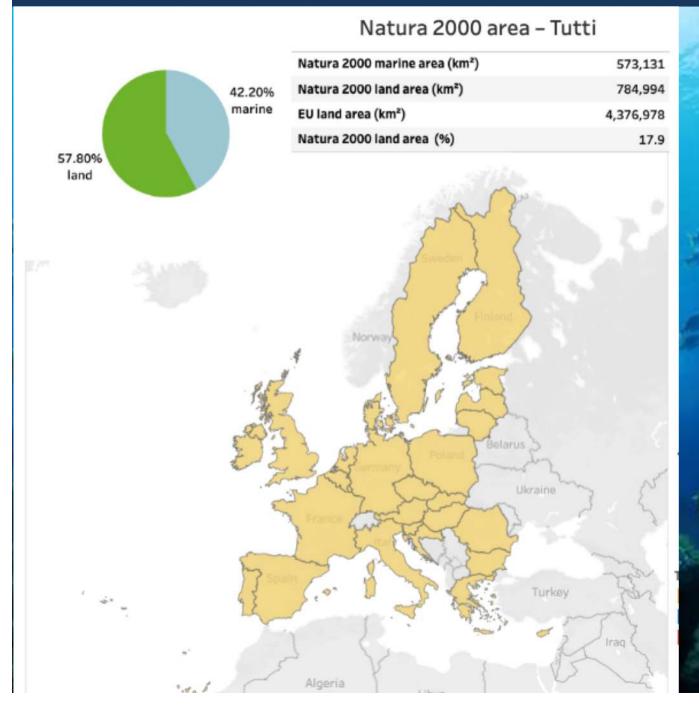
**Specially Protected Areas** (SPA) – related to birds (mostly transitional environments) ('ZPS')

Special Areas of Consevation (SAC) – species or habitats ('ZSC')

**SPAMI**: areas of importance for conserving the components of biological diversity in the Mediterranean Sea; contain ecosystems specific of the Mediterranean area or habitats of endangered species; areas of special interest at the scientific, aesthetic, cultural or educational levels.

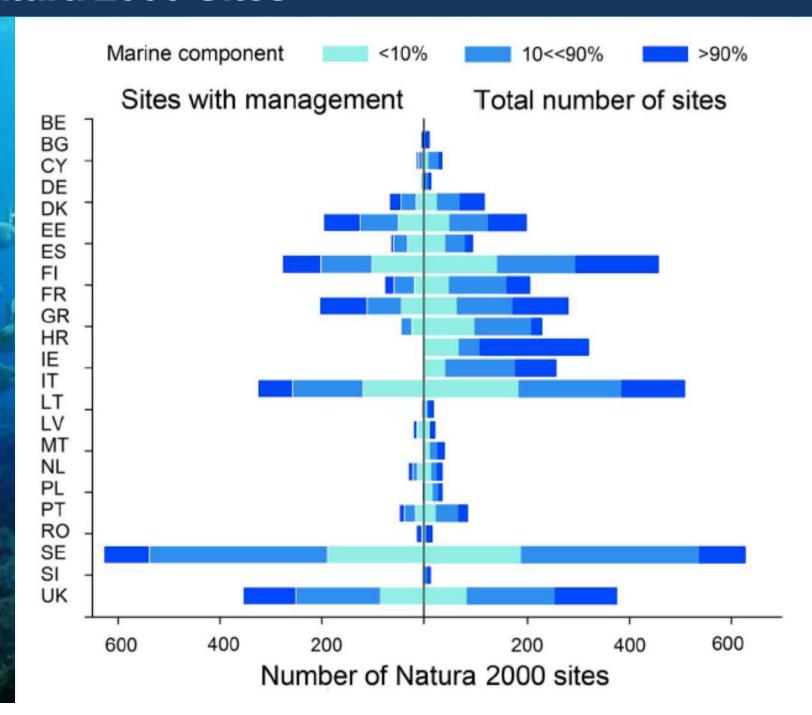
Protocol concerning Specially Protected Areas and Biological Diversity in the Mediterranean (SPA/BD Protocol), the Contracting Parties to the Barcelona Convention established the List of Specially Protected Areas of Mediterranean Importance (RAC/SPA)

### **Natura 2000 Sites**



Marine Natura 2000 sites covered about 573 000 km² or 9% of Europe's seas, although they are mainly in near-shore and coastal waters

### **Natura 2000 Sites**



## Management

#### MISURE DI CONSERVAZIONE DEI SITI MARINI DEL FRIULI VENEZIA GIULIA

#### Allegato 5

Misure sito-specifiche del sito
"IT3330009 - Trezze San Pietro e Bardelli"

	Predisposizione di boe a basso impatto o segnalazione dei siti sulla carta nautica al fine di individuare agevolmente sul territorio i siti Natura 2000 e le aree delle misure REF26.0 REF27.0
descrizione dell'azione	Divieto di realizzazione di opere costiere, trivellazioni e di posa di cavi e condotte sottomarini
descrizione dell'azione	Divieto di esercitare la pesca professionale con reti da traino (incluse quelle denominate tratte), draghe, ciancioli, sciabiche da natante, sciabiche da spiaggia e reti analoghe sulle praterie di fanerogame marine e sull'habitat coralligeno e nelle aree indicate in cartografia
descrizione dell'azione	Divieto di pesca professionale per molluschi (Turbosoffianti per fasolari, vongole e cappelunghe) nelle aree indicate in cartografia
	Divieto di raccolta, asportazione, danneggiamento di formazioni rocciose e minerali. Divieto di alterazione dell'ambiente geofisico. Il prelievo di campioni è consentito solo per finalità scientifiche previa autorizzazione del soggetto gestore.
descrizione dell'azione	Divieto di ancoraggio sull'affioramento roccioso (evitando quindi di intaccare la parte rocciosa)
descrizione dell'azione	Monitoraggio delle specie di allegato II, IV e V della Direttiva Habitat e specie della Direttiva Uccelli e degli impatti su di esse secondo modalità e criteri definiti dal MATTM.
modalità attuazione	Intervento pubblico
soggetto attuatore	Regione FVG ARPA FVG Università degli studi
stato di avanzamento e/o attuazione	

## The Mediterranean Sea: all protection

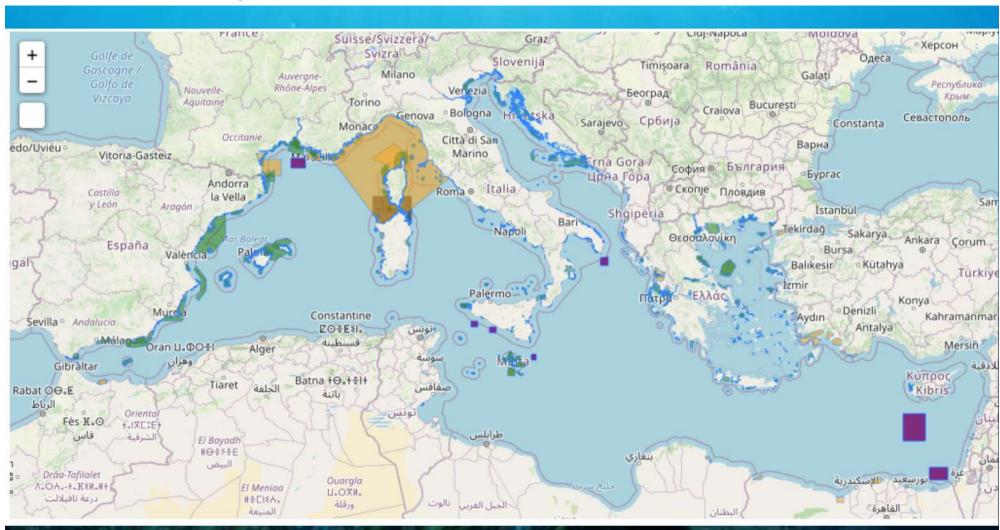












### The Mediterranean Sea: EBSA

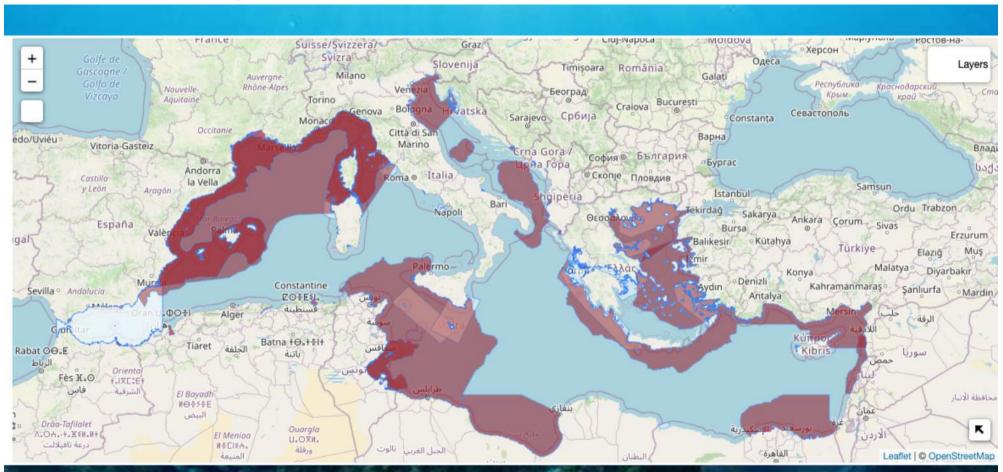












**Ecologically or biologically significant area** 

## Ecologically or biologically significant areas

What is an ecologically or biologically significant area (EBSA)?

An EBSA is an area of the ocean that has special importance in terms of its ecological and biological characteristics: for example, by providing essential habitats, food sources or breeding grounds for particular species. In 2008, a process to recognise these special areas was put in place by the United Nations Convention on Biological Diversity (CBD). Based on a set of seven scientific criteria, this process provides a framework to methodically and objectively describe those areas of the ocean that are crucial to the healthy functioning of the global marine ecosystem. EBSAs are areas of the ocean that are judged – through a technical process – to meet one or more of the following seven scientific criteria:

#### Uniqueness or rarity

Special importance for life stages of species
Importance for threatened, endangered, or declining species or habitats
Vulnerability, fragility or slow recovery
Biological productivity/diversity
Naturalness

#### The Mediterranean Sea

There are 1,087 offically designated MPAs in the Mediterranean covering 209,303 km<sup>2</sup> which places a surface of 8.4% under a legal designation

9.79% of European waters are covered mostly due to the Natura 2000 at sea network which rarely affords strict restrictive measures.

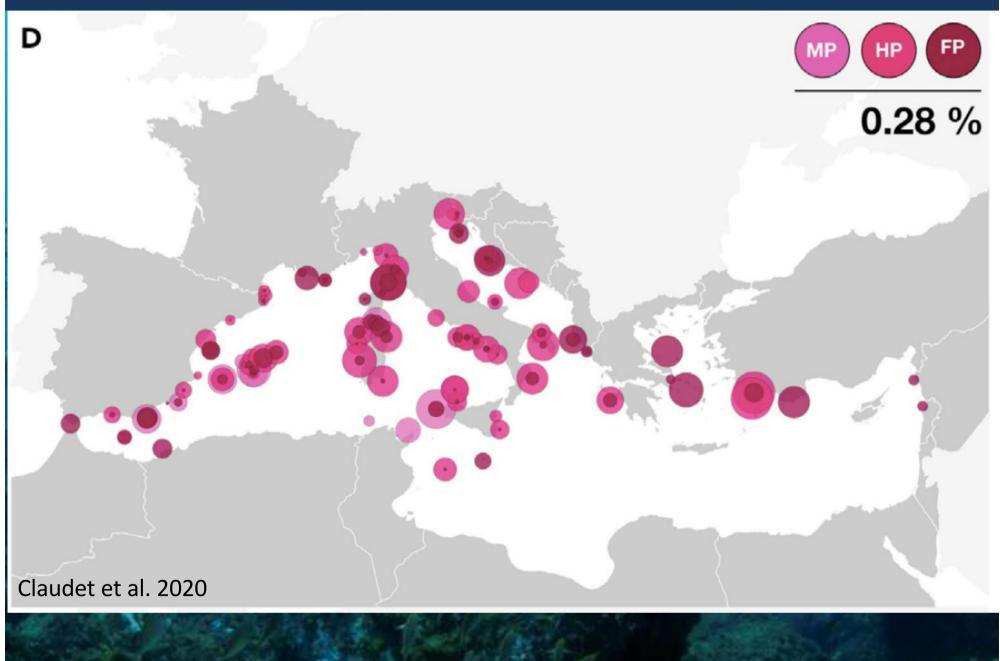
#### **Mostly shallow waters**

39.77% of *Posidonia* meadows and 32.78% of Mediterranean coralligenous communities are covered.

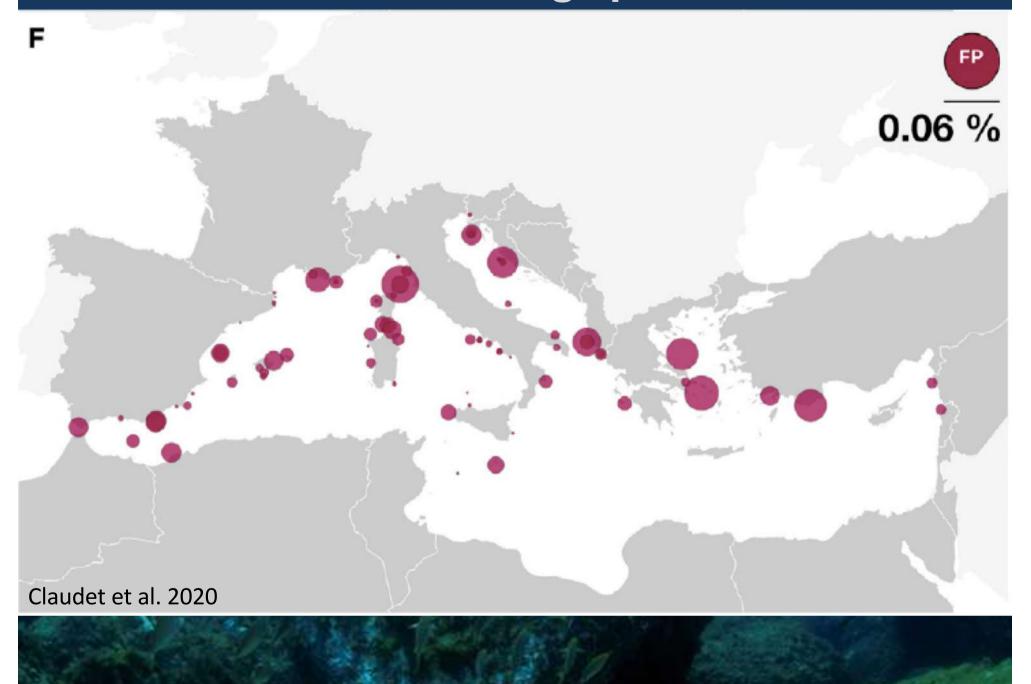
65.05% of MPAs of national designations have a marine surface of less than 50 km<sup>2</sup> (77.17% of all MPAs and OECMs), 69 nationally designated sites have a marine area smaller than 10 km<sup>2</sup> and 46 are larger than 100 km<sup>2</sup>.

78% of nationally designated MPAs are over 10 years old, which is considered the minimum age for an MPA to reach a certain maturity (even though the time required for an MPA to be effective varies greatly from one area to another) and 46 sites are over 20 years old.

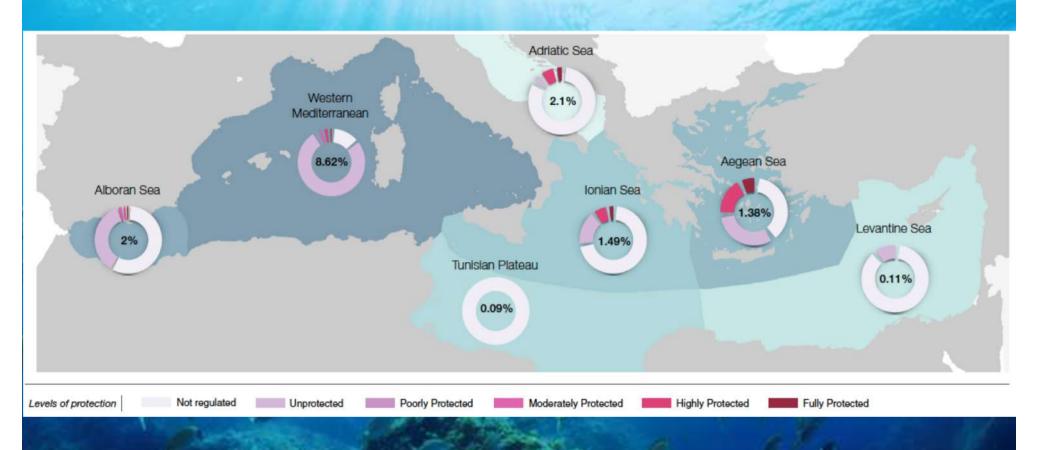
# **Mediterranean MPAs**



# Mediterranean MPAs: full/high protection level



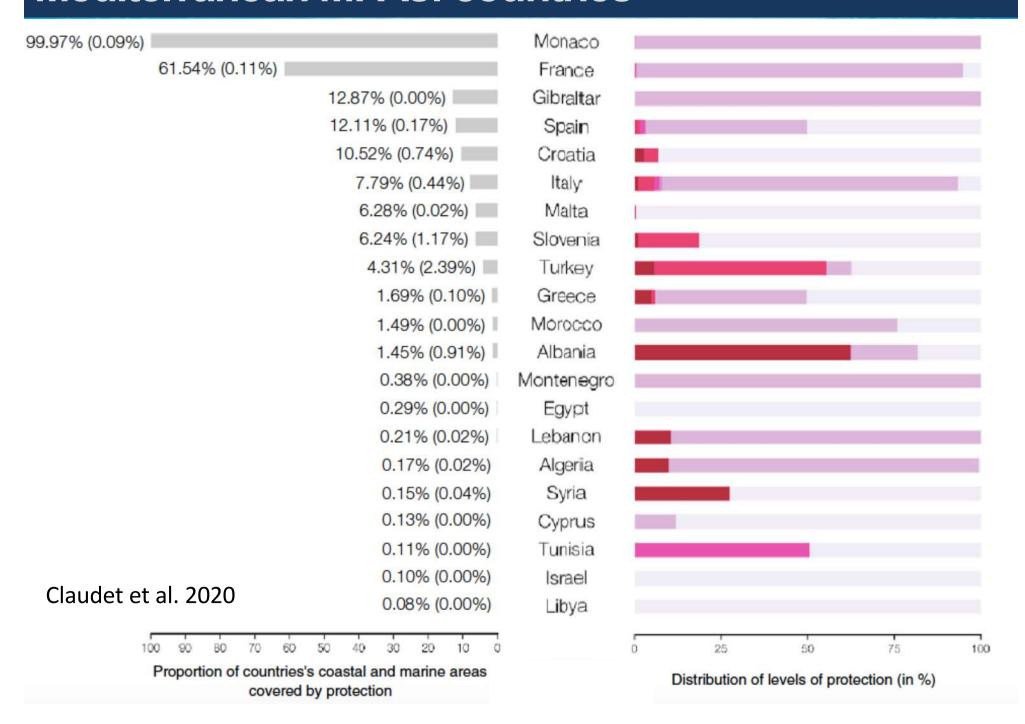
## Mediterranean MPAs: protection in sub-basins



Over **72.77%** of the surface covered is located in the **Western Mediterranean**, 90.05% of the total surface covered by MPAs and OECMs are found in EU waters.

Claudet et al. 2020

#### Mediterranean MPAs: countries



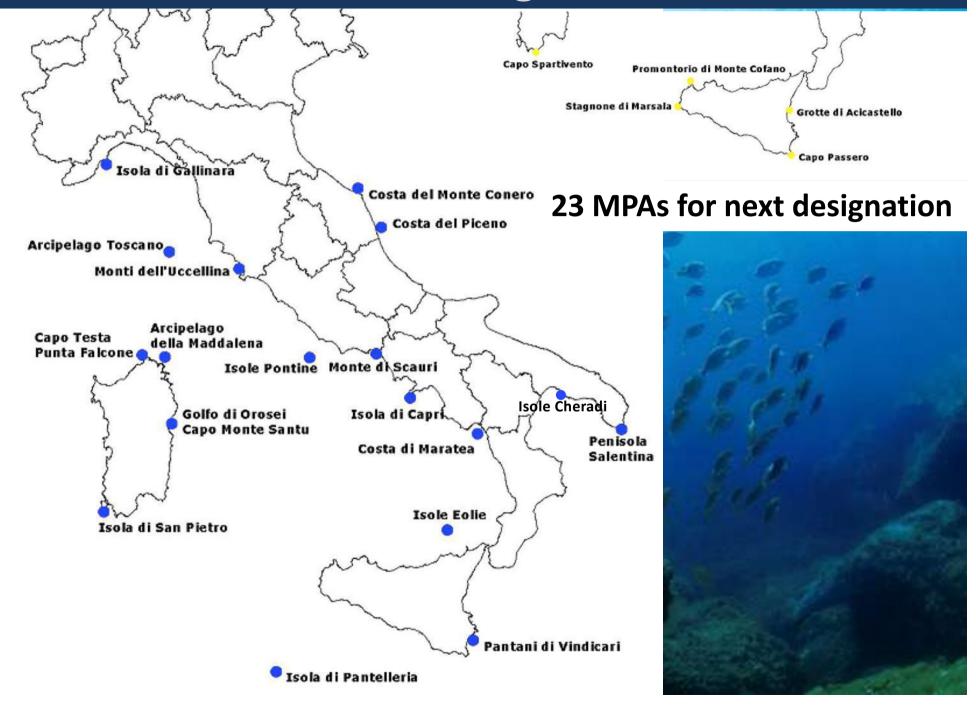
### The Italian coasts



La Spezia

Cinque Terre AMP

## The Italian coasts: next designation



## Legal framework

Laws for protection of nature at national (e.g. L. 394/91), international and EU level Data on environmental, biological, socio-economic context and peculiarities Proposal for zonation, boundaries, protection levels, aims of conservation, after further studies Involvement of local bodies and stakeholders Institution

