



AGRUPAMENTO DE  
ESCOLAS ANSELMO DE  
ANDRADE

**Project work**



Erasmus+

CONNECTING SEAS  
Erasmus+ KA229 School Exchange  
Partnership  
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N.º 7, 11.º E

# PRESERVING MARINE BIODIVERSITY





# OUR GOALS

An underwater photograph of a vibrant coral reef. The foreground is dominated by large, textured coral structures in shades of green, yellow, and brown. Numerous small, colorful fish, including orange and yellow ones, are swimming throughout the clear blue water. Sunlight filters through the surface, creating a shimmering effect on the water.

**To know the  
Portuguese Ocean  
Strategy  
2013-2020**

**To know the  
Portuguese  
conservation measures  
for coastal and marine  
ecosystems**

**To know some of the  
protected marine  
species in Portugal**

**To know some of the  
Marine Protected  
Areas in Portugal and  
in the islands, Azores  
and Madeira**

**To know and to  
understand the  
interconnection  
between the  
preservation of the  
oceans and the culture**

**To use and make the  
most of new  
technologies for  
scientific and cultural  
knowledge**

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# PORTUGUESE OCEAN STRATEGY 2013-2020

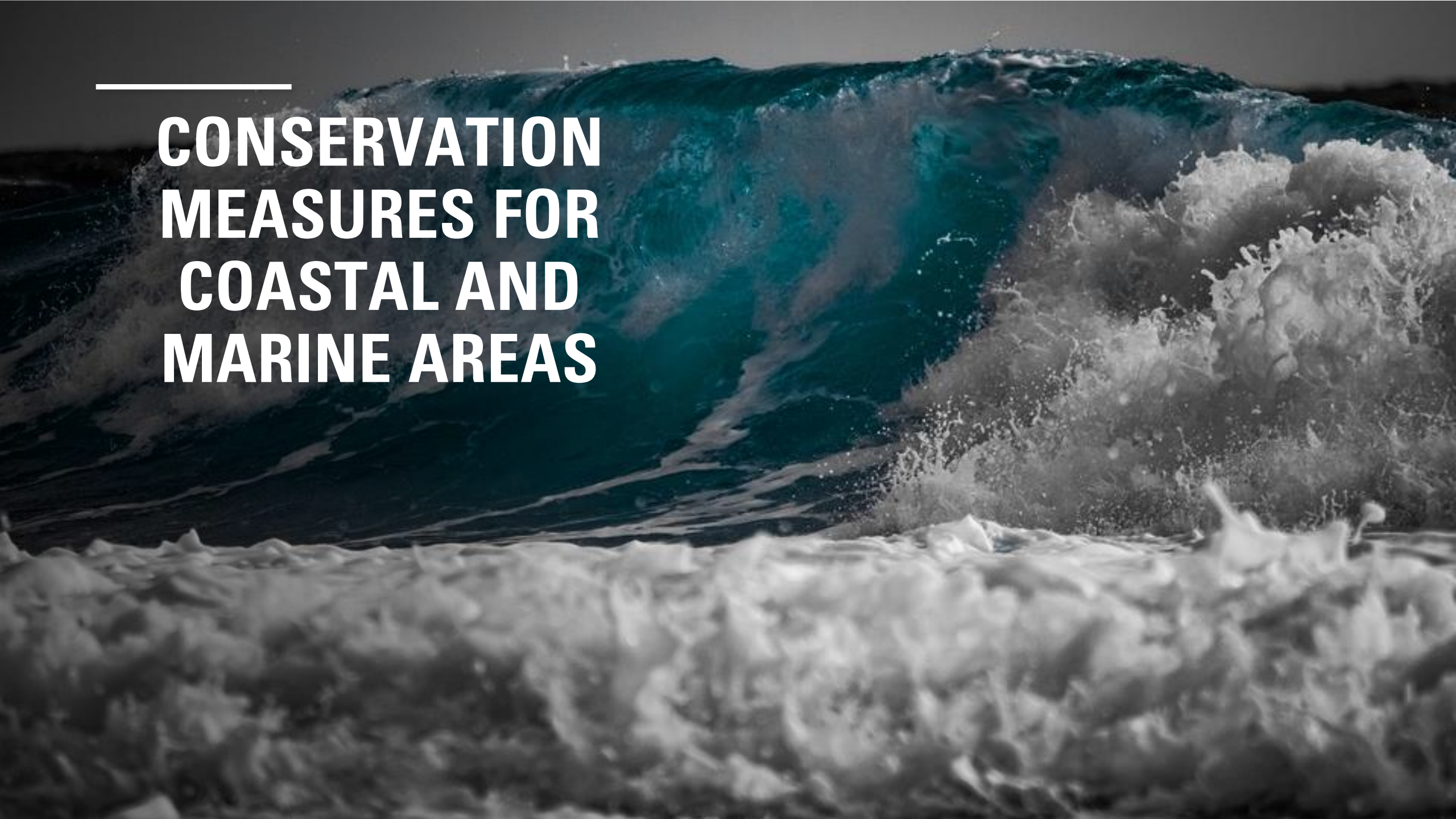
- To recover the national maritime identity in a modern, proactive and entrepreneurial framework, through three paths of action:
    - **Research** (to know the ocean)
    - **Explore** (to live from the ocean)
    - **Preserve** (to live with the ocean)
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- Reinforce the national scientific and technological capacity, stimulating a greater knowledge of the Ocean and boosting, in an effective, efficient and sustainable way, its resources, uses and activities.
  - Accomplish the economic, geostrategic and geopolitical potential of the national maritime territory.
  - Support Portugal, globally, as a maritime nation and as an essential part of the Integrated Maritime Policy and the EU's maritime strategy, namely for the Atlantic area.
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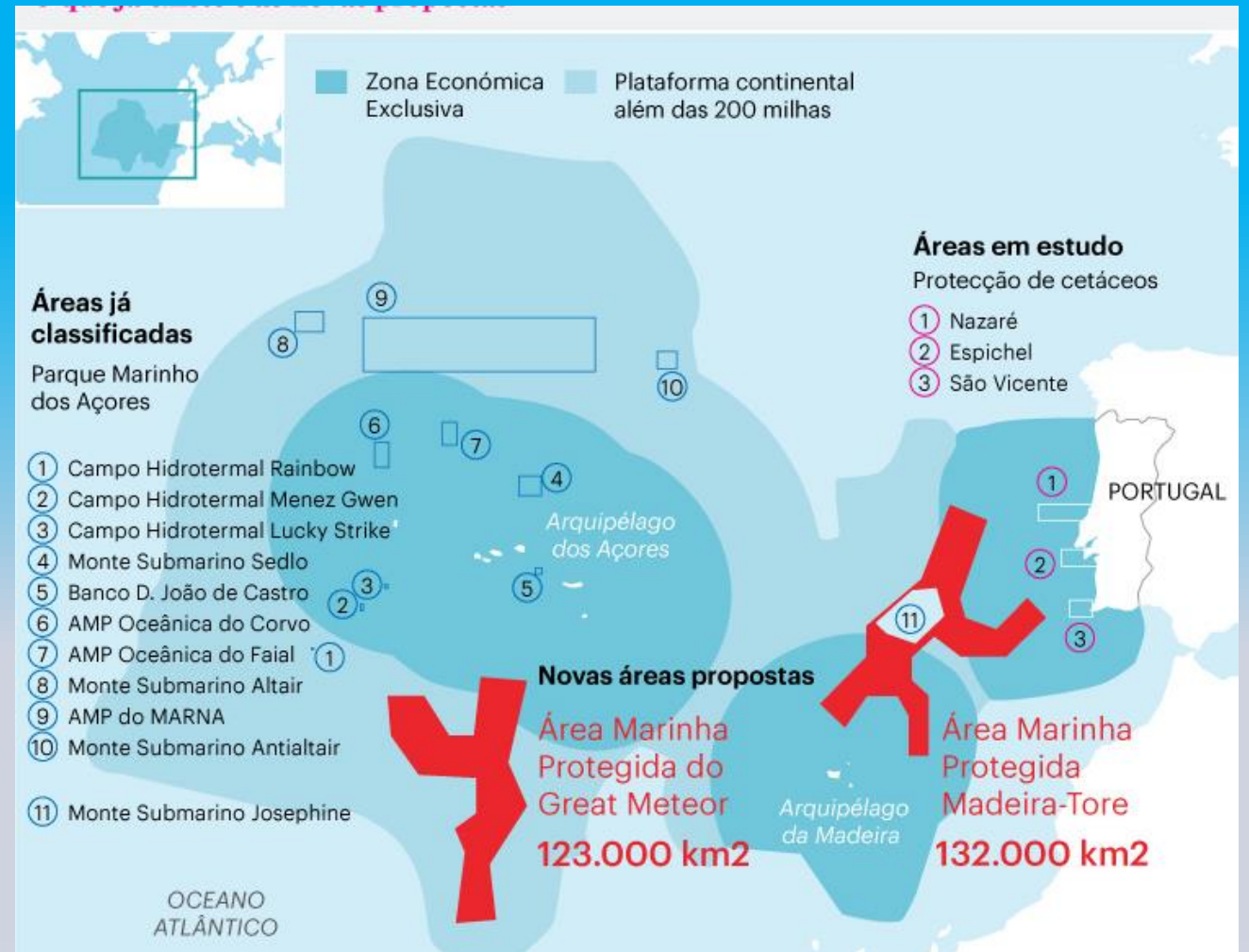
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# CONSERVATION MEASURES FOR COASTAL AND MARINE AREAS



# CREATION OF MARINE PROTECTED AREAS

There are 83 MPA in Portugal, which correspond to only 0.03% of the entire exclusive economic zone (up to 200 nautical miles).





An aerial photograph of a coastal area. On the left, there are green, hilly landmasses with a sandy beach. The water is a vibrant turquoise color, transitioning to a deeper blue further out. In the distance, a city skyline is visible across the water. The sky is clear and blue.

# **MONITORING OF PROTECTED MARINE AREAS**

- Carried out at various levels and by different entities:
- Monitoring coastal and marine pollution
- Monitoring and studying the coastal and marine ecosystems

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# STUDYING THE OCEAN



- **CIIMAR** - Interdisciplinary Center of Marine and Environmental Research - University of Porto.
- **MARE** - Marine and Environmental Sciences Center – concentrates a wide diversity of expertise, skills, and capabilities in close partnership with national and international research centres.
- **CESAM** - Centre for Environmental and Marine Studies, associated with the Laboratory of the University of Aveiro carries out scientific activities under three main research themes: evaluation of coastal environmental quality; understanding the coastal and marine ecosystems functioning; assessing biodiversity and stress processes on biological systems.
- **CIMA** – Centre for Marine and environmental Research - University of Algarve: understands the ocean dynamics, develops sustainable resource exploitation, assesses and mitigates global changes and risks, contributes to the knowledge towards a sustainable and resilient society.

<https://youtu.be/uPo-X-1oEB0>

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# PROTECTED MARINE SPECIES

Monk seal of Madeira  
archipelago



Seahorses of Ria Formosa  
Algarve



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# **PRESERVATION OF THE OCEANS AND CULTURE**

“The protection of the Ocean is essential and a priority at a global level and in particular for Portugal, a country with an extensive coast and a remarkable Exclusive Economic Zone. This protection can only be achieved by increasing scientific knowledge about the Ocean and the integrated discussion of its influence on Man and the influence of Man himself on the Ocean. A citizen fully informed of the importance of the Ocean for mankind, manages to communicate about the Ocean in a meaningful way and is able to make informed and responsible decisions about the Ocean and its resources. ”

CIIMAR, A Literacia do Oceano

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