Interreg
Italy - Croatia
CASCADE
European Regional Development Fund

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ADRIATIC OCEAN LITERACY

BOOKLET

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WELCOME TO CASCADE

CASCADE (CoAStal and marine waters integrated monitoring systems for ecosystems proteCtion AnD managemEnt) is an INTERREG (Italy-Croatia) project developing concerted and coordinated **monitoring, modelling** and **management** actions, enhancing the knowledge and at evaluating the quality and vulnerability of inland, **coastal and marine ecosystems** in Italy and Croatia. Such general goal should support the restoration of endangered species and the integrated management of coastal areas in the Adriatic.

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VISION & MISSION

Biodiversity

Protecting coastal and marine biodiversity is an extremely important global goal that requires constant and rigorous efforts. Adopting systems for environmental data collection that, with the support of experts, promote citizen engagement through citizen science, is an important way to contribute to biodiversity monitoring.

Soft restoration

The coastal marine domain is characterized by physical and ecological conditions that favor and determine a spatial overlap between the different human uses of natural resources. To manage the impacts of human intervention on the marine ecosystems, soft restoration actions were carried out during the CASCADE project, supporting endangered species and coastal and transitional ecosystems.

THE PROJECT IN PILLS

5

Ecosystems restoration actions

Soft restoration actions to preserve endangered species in coastal and transitional ecosystems

6

Integrated management systems

Integrated sea, coastal and river environment management systems (MSP, ICZM, LSI) based on collection of real time data on extreme events

11

Pilot areas

From the coast of Italy to the Croatian river mouths, the project provides solutions to protect marine environments in the entire Adriatic sea

20

Partners

Wide-area partnership to ensure maximum benefits for the population, with 16 partners and 4 associated partners across Italy and Croatia

36

Months

Three years of monitoring, restoration actions, stakeholder engagement and integrated management planning

ADRIATIC
OCEAN LITERACY

Ocean literacy is an understanding of the ocean's influence on you and your influence on the ocean.

Although the Mediterranean Sea is among the most important global biodiversity hotspots, it is also described as being "under siege" as a result of multiple human pressures on biodiversity, the functioning of marine ecosystems, and their capability for providing essential goods and services to human society. The Adriatic basin features several unique marine and coastal environments, such as some of the last preserved wetland areas in Europe. To safeguard this spectacular richness marine scientists and educators have developed the **"Mediterranean Sea Literacy" (MSL)** guide, including a set of principles to regulate humans' interaction with the Mediterranean and Adriatic sea.

> Understanding the ocean is essential to comprehending and protecting the planet on which we live.

TARGETED EVENTS

Online spaces to discuss innovation

How to safeguard the quality of marine environments? Through online events monitoring techniques and integrated management strategies for the Adriatic marine and coastal ecosystems are presented to target audiences by experts in the field with the help of specific case studies.

Ecosystem approach

to design compensation and mitigation measures in coastal marine environment

Webinar 2021

The Goro lagoon case study

How to improve ecosystem monitoring and management in the Goro lagoon in Italy

Webinar 2022

TEST YOUR KNOWLEDGE

Quiz for infotainment

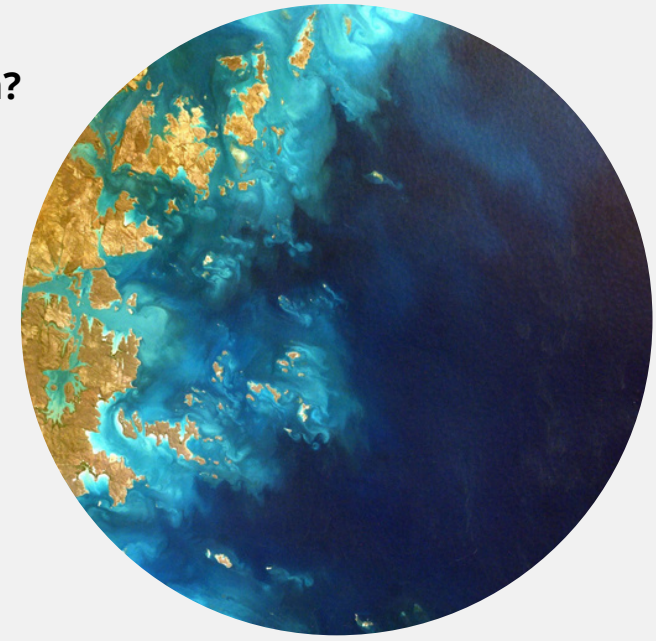
How much do you know about the ocean and its interactions with society? **Test your Ocean Literacy** and become an active part of the change spreading awareness about this fascinating world.

How much of the Earth's surface is covered by water?

- [ ] a. 44%
- [ ] b. 52%
- [x] c. 71%
- [ ] d. 81%

How many oceans exist on Earth?

- [x] a. Just one big ocean
- [x] b. 5
- [ ] c. 7
- [ ] d. 3



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