



ADAPT
4
COAST

**ENHANCING CLIMATE
CHANGE ADAPTATION
IN COASTAL AREAS**

IT IS EXPECTED THAT COASTAL AREAS AND COMMUNITIES WILL SUFFER FROM SEVERE IMPACTS BY CLIMATE CHANGE, SUCH AS:

Social and economic damage

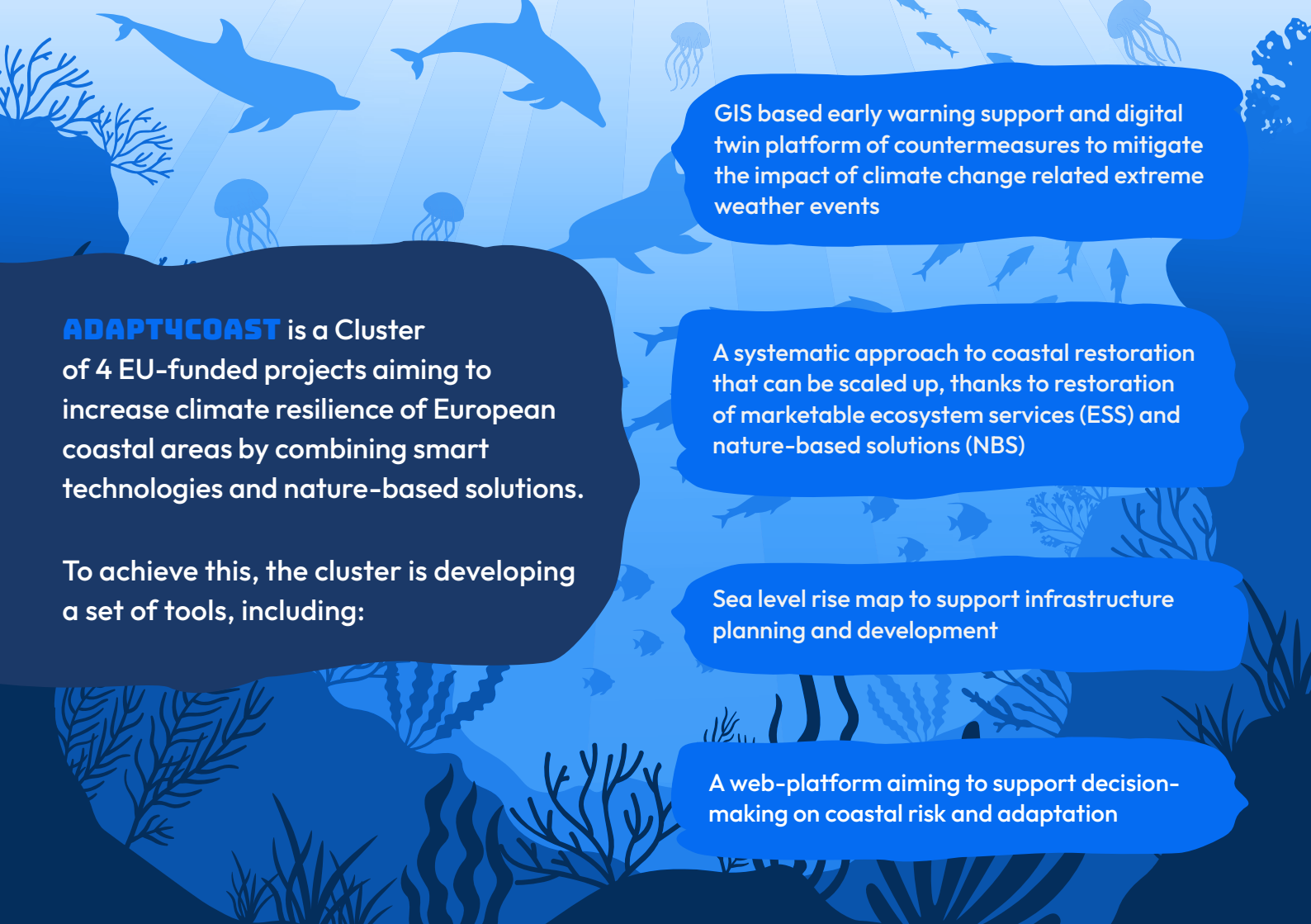
Property and infrastructure damage

Coastal submersion and erosion

Hazards to human health and safety

Loss of coastal wetlands and biodiversity

Coastal resilience is a key environmental adaptation and mitigation strategy.

The background of the entire page is a stylized, monochromatic blue illustration of an underwater scene. It features several dolphins swimming in various directions, several jellyfish floating, and various types of coral and seaweed on the seabed. The lighting is soft, with rays of light filtering down from the top, creating a serene and aquatic atmosphere.

ADAPT4COAST is a Cluster of 4 EU-funded projects aiming to increase climate resilience of European coastal areas by combining smart technologies and nature-based solutions.

To achieve this, the cluster is developing a set of tools, including:

GIS based early warning support and digital twin platform of countermeasures to mitigate the impact of climate change related extreme weather events

A systematic approach to coastal restoration that can be scaled up, thanks to restoration of marketable ecosystem services (ESS) and nature-based solutions (NBS)

Sea level rise map to support infrastructure planning and development

A web-platform aiming to support decision-making on coastal risk and adaptation

ADAPT4COAST CAN SUPPORT YOUR COMMUNITY TO ADAPT FOR CLIMATE CHANGE BY INCREASING COASTAL RESILIENCE.



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