

STRATEGY FOR THE COASTAL PROTECTION OF THE BALEARIC ISLANDS, CONSIDERING THE EFFECTS OF CLIMATE CHANGE



Beach access stairs undermining due to wave-induced erosion at Son Bou beach (November 2018)

The development of a Coastal Protection Strategy considering the climate change effects for the Balearic Islands is an initiative financed by the Structural Reform Support Programme of the European Union upon request of the Spanish Directorate General for the Coast and the Sea of the Ministry for the Ecological Transition and the Demographic Challenge. It aims to apply an integrated approach, considering those physical, environmental and institutional factors interrelated with coastline evolution, flood risk, public domain occupations, erosion processes and the effects of climate change, to identify the most appropriate coastal protection measures for the Balearic Islands.

Concretely, **the project seeks to:**

- understand and characterise coastal erosion challenges under an integrated approach, regarding all aspects of the coastal zone, and under the modern approach for Disaster Risk Management.
- propose a planning instrument for coastal protection (the Strategy) including the viable alternatives addressing all phases of the Disaster Risk Management cycle (including prevention and recovery) and the corresponding implementation plan.

BENEFICIARY:

Ministry for the Ecological Transition and the Demographic Challenge (MITECO); Directorate General for the Coast and the Sea (DGCS), Spain

FINANCED BY:

This project is funded by the Structural Reform Support Programme of the European Union and implemented in collaboration with EUCC, its partners, and the European Commission

PROJECT PARTNERS:

Coordinator: Coastal & Marine Union (EUCC)

Technical coordination: IHCantabria

Local technical partner: SOCIB

Communication & participation: MedCities Network

TIMELINE:

Dec'19 to Jan'22 (25 months)

CONTACTS:

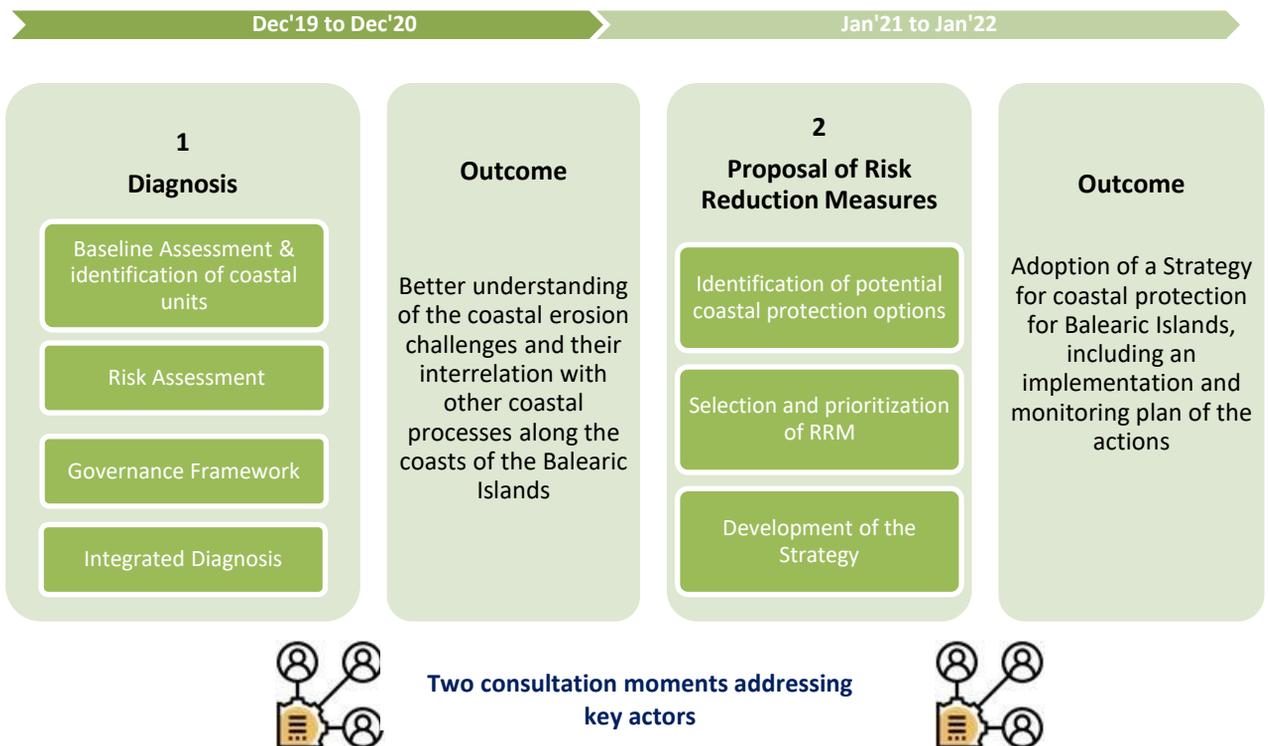
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The project is being implemented by a European consortium led by the Coastal & Marine Union (EUCC) which includes the Environmental Hydraulics Institute (IHCantabria), the Balearic Islands Coastal Ocean Observing and Forecasting System (SOCIB) and the network MedCités. Working in close cooperation with the Ministry for the Ecological Transition and the Demographic Challenge, over the next months, the team will carry out a diagnosis to better understand the coastal erosion challenges and an analysis of possible scenarios and risk reduction options, followed by the design of the Coastal Protection Strategy along the coasts of all the Balearic Islands. The Strategy will be developed with the involvement of key stakeholders in the 6 islands under study (Mallorca, Menorca, Ibiza, Formentera, Cabrera and Dragonera).



The outcome of this project will be aligned with the existing Strategy of Adaptation of the Spanish Coast to Climate Change, Coastal Law 22/1988, Law 2/2013 of Protection and Sustainable Use of the Coast and amending Law 22/1988, the General Regulation of the National Coastal Act (R.D 876/2014) and the EU Floods Directive (Directive 2007/60/EC on the assessment and management of flood risks).