



# THE PROJECT

The main objective of the LIFE COSTAdapta project is to address the adaptation of the coast of Gran Canaria to sea level rise by means of an innovative tidal pool-reef methodology, which partially uses the traditional technique of tidal pool construction, common elements in the Canary Islands and the rest of Macaronesia, to coastal adaptation of Gran Canaria to climate change.

To face this environmental challenge, the European project LIFE COSTAdapta, from a participatory and multidisciplinary approach, is dedicated to strengthening the resilience of coastal areas to sea level rise, while promoting the creation of habitats characteristic of these areas.






## CONTACT

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Cofunded by the  
European Union



Design of an innovative and progressive tidal pool-reef system for the adaptation of the coast of Gran Canaria to climate change.

"Soft and progressive systems for coastal adaptation to climate change"



# BENEFITS

1. Protects the urban waterfront from the direct impact of waves.
2. Promotes the protection, appearance and diversity of the marine ecosystems typical of the coast of Gran Canaria.
3. Promotes the use of the area as a place for leisure and enjoyment of marine nature.
4. Minimises the costs derived from the current impact of the sea on the urban façade for its renovation, repair and/or reconstruction or removal.
5. Reactivates the local economy through the improvement and enjoyment of the coastline as a complement to the urban planning guidelines.



## Budget:



3.337.563,47€

## EU Grant:



2.002.538,07€ (60%)

## Duration:



84 months



Source: ULPGC, Arquitectura, Patrimonio y Paisaje

# PARTNERS



Cabildo de Gran Canaria

**Consejo Insular de Energía de Gran Canaria (CIEGC) of the Cabildo de Gran Canaria:** public business entity that coordinates the project and whose mission is the implementation of an alternative energy model based on renewable energies and energy efficiency.



ULPGC

**University of Las Palmas de Gran Canaria (ULPGC):** higher education institution located on the island of Gran Canaria, Spain.



UC | Universidad de Cantabria

**University of Cantabria (UC):** academic institution of higher education located in Cantabria, Spain.



INGECID

**INGECID:** a company dedicated to research and development projects. Its focus covers areas such as engineering, architecture and sustainability.



raley  
ESTUDIOS COSTEROS

**Raley Estudios Costeros S.C.P.:** company specialised in providing studies and analysis related to coastal areas.



ECONCRETE

**EConcrete AQUA:** initiative focused on innovation in sustainable marine and coastal infrastructures.



AAA FUNDACIÓN CANNARIYS RECICLY

**Fundación Canaria para el Reciclaje y Desarrollo Sostenible (FCR):** organisation committed to the promotion of recycling and the adoption of sustainable practices in the Canary Islands.



Finnova

**Finnova:** a Spanish-Belgian not-for-profit foundation based in Brussels and Spain, which works towards the promotion and development of innovation and the entrepreneurship in the EU.