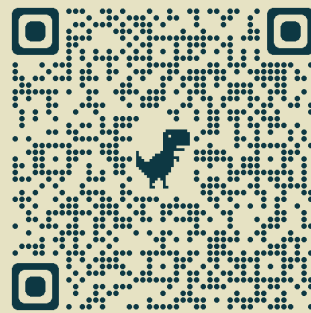


# WHAT IS A DUNE SYSTEM?

Coastal dune systems are sandy sediment accumulation spaces that develop inland on some of the beaches of the Balearic Islands.

In fact, they must be considered part of a more complex system that includes both the submerged beach and the emerged beach. Dunes are a dynamic element of the beach landscape. Their emergence requires the presence of sediment (sand) and the existence of wind blowing from the sea towards the land.

Vegetation plays a crucial role in the formation and development of dunes; on the one hand, the speed of the wind and its transport capacity decrease and, on the other, the plants intercept the sand particles, facilitating their sedimentation.



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## RESTORATION PROJECT OF THE DUNE SYSTEM OF S'ALBUFERA DES GRAU

PROJECT FINANCED WITH FUNDS FROM THE SUSTAINABLE TOURISM TAX

**Natural Park of s'Albufera des Grau**



  
GOVERN  
ILLES  
BALEARIS



## **SA TORRETA DUNE SYSTEM**

The dune and secondary roads have been closed with sticks and rope. An elevated walkway has been installed following the route of Camí de Cavalls (GR-223) and planting has been carried out in order to recover the surface of the current route of the path.

## **DELIMITATION OF THE LAYOUT OF THE GR-223 TO TAMARELLS SUD**

The dune cordon of the beach has been delimited to avoid the intrusion of the users of the Camí de Cavalls into the dune system. Sand traps have been installed and planting typical species of the habitat has been conducted.

## **HINDERING THE PASSAGE OF USERS BETWEEN CALA PRESILI AND CALA TORTUGA**

The path used to go from one cove to another has been closed with sticks and rope and planting typical species of the habitat.

## **RECOVERY OF THE ARENAL DE MONGOFRE DUNE CORD**

Actions have been carried out in order to stop the degradation of the dune system through the installation of a closure system of sticks and rope and planting typical species of the habitat.

## **RECOVERY OF THE S'ESCALA DUNE CORD**

The aim is to recover a part of the dune system that had disappeared due to the use of the area as a car park, by closing the dune with sticks and rope and planting species typical of the habitat.

## **RECONSIDERATION OF THE DETERRENT CORD OF PLAYA DES GRAU**

The reconsideration of the location of the deterrent cordon of the dune system has been defined in order to continue to gain some space for its recovery.

## **RECOVERY OF THE S'ENCLUSA DUNE CORD**

The recovery of the central area of the dune system is being carried out through the installation of wind interference screens, the delimitation of the path through the installation of a closure system of sticks and rope and planting in order to give continuity to the dune system.

## **INTERVENTION IN THE ARENAL D'EN MORO**

In order to recover the existing deflation channel that fragments the dune cord, it has been closed using sticks and ropes and sowing seedlings typical of the habitat.

## **PLANTATION OF JUNIPERS IN TAMARELLS (ILLA D'EN COLOM)**

Several specimens of juniper have been planted in a fragmented area of Cala de Tamarells to give continuity to the dune cord acting as deterrents as well.

## **ACTIONS IN TAMARELLS NORD**

Two sections have been closed with sticks and rope to protect the existing dune.

## **SIGNAGE IMPROVEMENT**

The existing signage has been improved, incorporating new points with information about the space, its regulation and the need for its conservation.

## **EDUCATION, AWARENESS AND ENVIRONMENTAL INFORMATION**

Environmental education and awareness activities are conducted by educators and/or Park informants. This service is further strengthened during the summer by environmental informants whose objective is to raise awareness among beach users about the dune systems.



**THE SURVIVAL OF THE  
DUNE SYSTEM IS A SHARED  
RESPONSIBILITY.**

**PLEASE RESPECT THE MEASURES**