# 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.





RESTORATION
PROJECT OF THE
DUNE SYSTEM OF
THE BEACH ES TRENC

PROJECT FINANCED WITH FUNDS FROM THE SUSTAINABLE TOURISM TAX

Es Trenc - Salobrar de Campos Maritime and Terrestrial Natural Park





## REORDERING THE ACCESS TO THE BEACH THROUGH SA RÀPITA

The access to the beach from Sa Ràpita has been modified to favor the recovery of the dune cord of the area and to avoid the dispersion of users inside the dune field.

#### SIGNAGE IMPROVEMENT

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

### ORGANIZATION OF ACCESS ROADS TO THE HOUSES

Specific pathways have been defined to provide access the houses and from these to the beach

#### RECOVERY OF THE DUNE CORD

The reconsideration of the location of the beach deterrent cordon has been defined along with the replacement of a series of sand collectors in poor condition to favor the recovery of the dune system in the areas in regression.

#### REVEGETATION OF THE INTERIOR AREA

Revegetation of certain interior areas of the dune system in hopes of giving continuity to the different existing plant successions and thus improving the ecological status of the dune habitat.

#### **INTERVENTION IN SES COVETES**

Action aimed at eliminating anthropic elements that hinder the continuity of the dune system.

### 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