

*Una manera de hacer Europa*



# BUENAS PRÁCTICAS Actuaciones Cofinanciadas

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**Programa Operativo  
Plurirregional de España**

Año 2020

**Fondo Europeo de Desarrollo Regional**



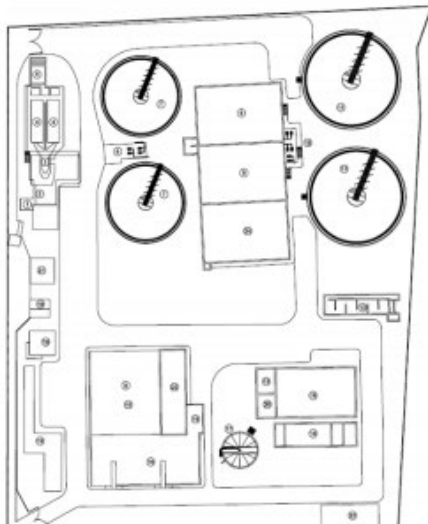
The action is presented as a good practice **“RENOVATION OF THE SANTA EULALIA WASTEWATER TREATMENT PLANT. T.M. SANTA EULALIA (ISLAND OF IBIZA)”**.

The Santa Eulalia Wastewater Treatment Plant (WWTP) came into operation in 1983 and was designed for a treatment flow of 8.000 m<sup>3</sup>/day and a population of about 32,000 equivalent inhabitants.

At present, the mechanical equipment shows a certain degree of deterioration and the flows that reach the WWTP, particularly in high season, are considerably higher than the design flow, so that the plant is overloaded, with the consequent worsening of the effluent quality.

The action consists mainly of two fundamental elements: the renovation of the WWTP, consisting of a completely new pretreatment, a biological treatment that allows to face the seasonal variations of flow and pollution, and a stabilization of the sludge generated after the treatment process that allows the storage of the same dehydrated; and the renovation of the two existing pipelines into a single one that will lead the wastewater to a new pumping well, to later be driven to the entrance of the WWTP.

1. Current state



2. Renovation



The eligible expenditure, once the work has been completed, was 6,93 million euros, with total EU support around 50 % assistance of 50%.

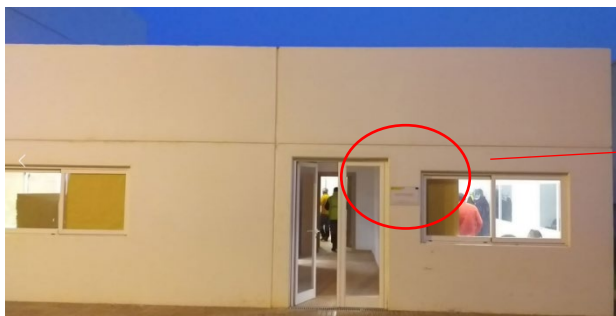
This project serves an additional population of 41.301 equivalent inhabitants.

It is considered a Good Practice because:

- **The action has been conveniently disseminated among the beneficiaries, potential beneficiaries and the general public.**

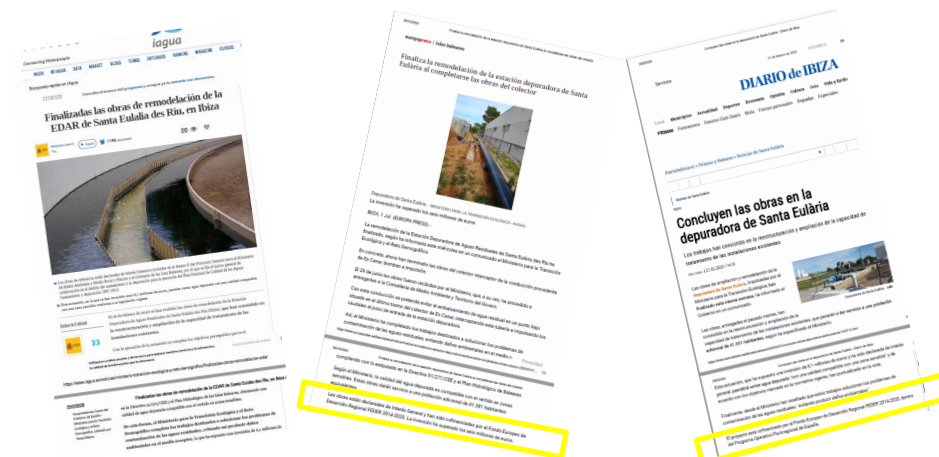
We have considered all those actions designed to publicize the renovation of the Santa Eulalia wastewater treatment plant, with the main objective of informing the public of its objective of improving the quality of treated water.

Sign post



The action has been disseminated in local, regional and national media, making information to the public about the benefits achieved.

News



## Brochure

Have been published in different languages: Spanish, Catalan and English, which have been distributed at the following points: Santa Eulalia Town Hall, Ibiza Island Council and Abaqua.

REMODELACIÓN DE LA ESTACIÓN DEPURADORA DE AGUAS RESIDUALES DE SANTA EULALIA DES RIU, (IBIZA), ISLAS BALEARES.

"Una manera de hacer Europa"

ESTE PROYECTO, COFINANCIADO POR EL FONDO EUROPEO DE DESARROLLO REGIONAL FEDER 2014-2020, DENTRO DEL PROGRAMA OPERATIVO PLURIRREGIONAL DE ESPAÑA (POPE), CONTRIBUYE A LA CONSERVACIÓN DEL MEDIO AMBIENTE Y EL PATRIMONIO CULTURAL.

Cofinanciada por el Fondo Europeo de desarrollo Regional FEDER 2014-2020, dentro del Programa Operativo Plurirregional de España (POPE), contribuye a la conservación del medio ambiente y el patrimonio cultural.

## Promotional video of the action

A promotional video has been produced that shows the evolution of the execution of the work and the final result, with an express indication of the contribution of the ERDF Funds, which has been broadcast daily, through the screens located in the hall of the Ministry for Ecological Transition and the Demographic Challenge.



## ➤ The action incorporates innovative elements

As an innovative element in this action, it is worth mentioning the installation of a biological reactor in the Santa Eulalia WWTP, which reduces the concentrations of nitrogen and phosphorous in the wastewater, so that the treated water that is discharged into the sea does so in

ideal conditions for the development of the aquatic environment, among which the endemic Mediterranean marine plant oceanic Posidonia should be highlighted, responsible for the crystal clear waters and the turquoise colour of Ibiza's beaches.



➤ **Adequacy of the contents to the objectives pursued**

The objectives pursued are to achieve good water quality, which is achieved after the purification of the wastewater and its subsequent discharge into the sea with a quality in accordance with current wastewater regulations.

In addition, the sludge generated during the purification process achieves the objectives pursued after dehydration, obtaining a dryness higher than that required by the corresponding regulations, contributing to the improvement and conservation of the environment.

➤ **Contributes to the resolution of a regional problem or weakness**

The area where the project is located presented problems related to strong odours and overflows of wastewater, due to the lack of slope of the existing pipelines, which was a great inconvenience for the tourist attractiveness of the area, mainly characterized by the quality of its beaches.



Thanks to the execution of the action, the existing problems disappear, and a high quality of treated water is obtained, which is finally discharged into the Mediterranean Sea, thus preserving the tourist attractiveness of the municipality of Santa Eulalia.

➤ **It has a high degree of coverage on the population to which it is addressed**

The action not only covers the needs of the urban agglomerations of Santa Eulalia del Río and Es Canar as a whole, but also contributes to the improvement of the state of the receiving waters, which in our case is the Mediterranean Sea, and specifically in the Pitiusas islands (Ibiza and Formentera), whose main attraction are their beaches, which are visited by 3 million tourists every year, which increases the degree of coverage achieved by this action that goes beyond the isolated benefit of the inhabitants of the aforementioned municipalities.

If this type of sanitation and purification of wastewater discharging into the Mediterranean Sea were not carried out, the quality of the bodies of water would be affected, which would not only be an ecological problem, but also an added problem for the main economic engine of the area, which is tourism.

➤ **The horizontal criteria of equal opportunities and environmental sustainability have been taken into account**

The implementation of this action has taken into account environmental sustainability criteria as mentioned in the previous sections, in which special emphasis was placed on the contribution to achieving the good condition of the bodies of water required by the quality standards in force, and in particular, in the area where the works are located, which presented an environmental

deterioration at the point of water discharge, which implied a serious ecological as well as social problem.

Through the implementation of the action, the horizontal criteria of equal opportunities have been taken into account, since it benefits the whole population without any discrimination, and as an example of this, the access to the information of the action has been facilitated to those people without access to internet, through the edition of informative brochures that have been distributed in points of high affluence of the citizenship.

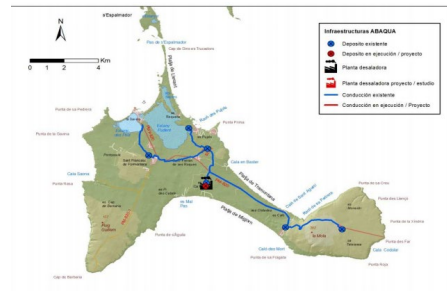
➤ **Synergies with other policies or instruments of public intervention**

This action has synergy with other actions that have been carried out within other policies other than the European regional policy, such as the National Water Quality Plan 2007-2015, and the Hydrological Plan of the Balearic Islands 2015-2021, whose objectives are shared with the Water Framework Directive, such as improving the quality of water bodies and their sustainable management.

In particular, on the island of Ibiza and Formentera, two actions have been carried out in the municipalities of Sant Antoni and Sa Mola and Es Ca Marí respectively, based on the improvement of the sewage networks, which have contributed to the improvement of the quality of the treated water and consequently, after its subsequent discharge into the sea, to the good condition of its waters.



*Sant Antoni (Ibiza)*



*News sewer pipes Sa Mola y Es Ca Marí (Formentera)*

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# BUENAS PRÁCTICAS

## Actuaciones Cofinanciadas

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