

*Una manera de hacer Europa*



THE CONSTRUCTION FOR THE ADEQUACY OF THE  
SEWERAGE SYSTEM OF THE CITY OF IBIZA  
(BALEARIC ISLANDS)  
General Directorate of Water

**Programa Operativo  
Plurirregional de España**

Año 2019

**Fondo Europeo de Desarrollo Regional**



The action is presented as a good practice **THE CONSTRUCTION FOR THE ADEQUACY OF THE SEWERAGE SYSTEM OF THE CITY OF IBIZA (BALEARIC ISLANDS)**

The object of the project is the general system consisting of four sewage pumping stations that discharge their wastewater to the current WWTP (wastewater treatment plant) and the main sewer pipes arriving at these pumping stations. Each system is made up of a group of sewer pipes and their corresponding pumping station, affecting only the projected actions to three of the systems: Talamanca, Puerto and Colector Cero.

Both in Talamanca and Puerto systems, storm water tanks have been built, which will accumulate the first polluted rainwater in episodes of heavy rains, as well as deodorization treatments and dosing of reagents for odours elimination in the sanitation system. In the Zero Collector system, only the existing equipment has been replaced,

The purpose of this action is to solve the problems existing in the sewage system of the city of Ibiza, motivated by the poor condition of some sections of the sewage network, insufficient sections, counter slopes, manual cleaning at pumping stations that produces blockages, odours, etc... and occasional waste water and rainwater discharges in periods of intensive rains.



The investment cost was 5.391.343, with total EU support around 50 %.

The action is part of the work being carried out to provide Ibiza with a new wastewater treatment plant, and will have an impact on the entire municipality of Ibiza, serving an additional population of 96.748 equivalent inhabitants.



It is considered a Good Practice because:

**The role of the ERDF in the action has been conveniently disseminated among the beneficiaries, potential beneficiaries and the general public.**

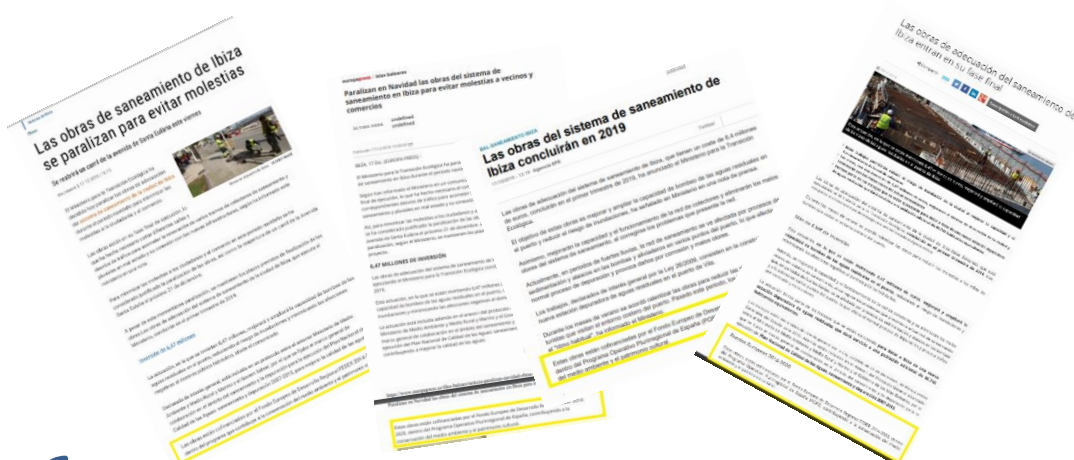
We have considered all those actions designed to publicize the Construction Project of the adequacy of the sewerage system of the city of Ibiza (Balearic Islands), with the main objective of informing the public of its objective of expanding pumping capacity, improvement of functionality and operability of WWPS (station for pumping wastewater); minimize the negative affections to the sea; conditioning of the network of main sewer pipes to improve the capacity and operation of the network and the elimination of odours in the sewerage system.

### Sign post



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

### News



Estas obras están cofinanciadas por el Fondo Europeo de Desarrollo Regional Feder 2014-2020, dentro del Programa Operativo Plurirregional de España, contribuyendo a la conservación del medio ambiente y el patrimonio cultural.

### Brochure

A total of 400 copies have been distributed in three distribution points: Ibiza Town Hall, Aqualia and Abaquia.

All of them with an express reference to the contribution of the ERDF Funds in the execution of the action, and edited in three languages, Spanish, Catalan and English.





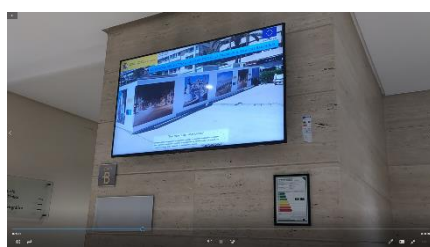
Cofinanciada por el **Fondo Europeo de desarrollo Regional FEDER 2014-2020**, dentro del Programa Operativo Plurirregional de España (POPE), contribuye a la conservación del medio ambiente y el patrimonio cultural.

### Advertising panel of 200 meters in the storm tank (Port of Ibiza).



### Promotional video of the action with the motto of the European Union

A promotional video has been produced that shows the evolution of the execution of the work and the final result of the action, with an express indication of the contribution of the ERDF Funds, available on the website of the Ministry



Another video summary of the project has also been produced, with publicity from the FEDER, which has been broadcast daily, through the screens located in the Ministry hall.

## Communication act

This action has been presented at the XLIII Thematic Conference of the Network of Environmental Authorities, held in Logroño on October 15, 2019, entitled "The sustainable management of water resources and European funds", as a clear example the importance of the contribution of European funds in the management of water resources



## **The action incorporates innovative elements**

As an innovative element in the execution of the works, it is worth highlighting the use of structures that have allowed the containment of land, since it has been excavated near the sea.

This solution offers greater advantages, among others the saving of 50% of the planned budget.



Figure 1. Sheet piling walls

## **Adecuación de los contenidos a los objetivos perseguidos.**

Con la ejecución de la actuación se alcanzan los objetivos perseguidos, ya que se evitarán los problemas existentes en la ciudad de Ibiza en periodos de fuertes precipitaciones, como son las posibles inundaciones, los malos olores del sistema de saneamiento y la contaminación de la zona del puerto donde actualmente se producen los alivios de las primeras aguas pluviales contaminadas. Todo ello, gracias a la ejecución del tanque de tormentas de la zona puerto que acumulará las primeras aguas pluviales.

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

The objectives pursued have been achieved with the construction of the port's storm water tank, which will accumulate the first polluted rainwater in periods of heavy rains, together with the renovation and improvement of the hydraulic capacities of the sewer pipes, the contamination of the port area where the storm waters discharges are currently occurring, the possible floods produced in the city during times of heavy rainfall and the elimination of odours in the sewage system are avoided.

### **Contributes to the resolution of a regional problem or weakness.**

Before the execution of the works, the sewage network of the city of Ibiza had a problem, mainly in periods of heavy rains, due to the sedimentation and blockages in the pumps, relief at several points of the port, problems in the process of purification, damage by corrosion and bad odours.

The pumping capacity of the wastewater in the port has been improved and increased, with the execution of the works, as well as the relieve of the flood of the city; the quality of the waters has been improved after avoiding the discharge of the first contaminated rainwater; the capacity and functioning of the sewer pipes network has been improved and the bad odours of the sewage system have been decreased, improving the existing problems consequently.

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

The action covers in its entirety the needs of the population of Ibiza, since it is a global action that solves the existing problems in the city in terms of discharges into the sea, prevention of flooding in episodes of heavy rains, bad odours caused by wastewater, etc.

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

Although, taking into account that the action is part of the sewage system of the city of Ibiza, whose main objective is the improvement of the quality of the water discharged into the sea, this contributes to preserve one of the most important natural values of the island, such as the oceanic Posidonia, which plays an important role in the filtration of sediments, thus giving a unique transparency to its waters, specifically the meadow of the Natural Park of Las Salinas de Ibiza and Formentera, declared a World Heritage Site in 1999.



Fotografía: Manu san Félix <https://www.saveposidoniaproject.org/es/la-posidonia/>

On the other hand, by improving the collector network, the contamination of groundwater produced by the filtration of wastewater into the ground is avoided, in both cases contributing to the environmental sustainability of the area

By implementing the action, the horizontal criteria of equal opportunities are taken into account, since it benefits the entire population without any discrimination.

Also to facilitate access to information on the project for people without internet access, some brochures with information on it have been published.



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

The present action has synergy with the new wastewater treatment plant of Ibiza, also financed with European funds in this period. Both are part of the city's sewage and purification system.

Regarding the synergy with other policies, highlight the synergy with the Water Framework Directive which also has aspects that inspire the objectives of this project, since it focuses on achieving an improvement in the quality of water bodies and in a management sustainable, as well as to meet the objectives of the action with the principles embodied in the Water Law, in relation to improving the quality of water.

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# BUENAS PRÁCTICAS

## Actuaciones Cofinanciadas

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