

Una manera de hacer Europa



BUENAS PRÁCTICAS
Actuaciones Cofinanciadas

Campaspero Wastewater Treatment Plant (VALLADOLID)

Sociedad Pública de Infraestructuras y Medio Ambiente de Castilla y León

**Programa Operativo
de Castilla y León**

Año 2019

Fondo Europeo de Desarrollo Regional

Good Practise presented by the Sociedad Pública de Infraestructuras y Medio Ambiente de Castilla y León consisting in the Campaspero Wastewater Treatment Plant (VALLADOLID)

Sociedad Pública de Infraestructuras y Medio Ambiente of Castilla y León, S.A (SOMACYL), is a public company that develops activities related with water supply and sanitation activities.

The action subject to this good practise consists in building a wastewater treatment plant in Campaspero (Valladolid) aimed at providing an adequate treatment of the wastewater generated in the town and at complying with current legislation in the sense of carrying out the discharge appropriately.



Access to the treatment plant

This operation had a cost of 782,044.01 euros, of which 391,022.01 euros come from the aid given by ERDF.

The impact achieved with this action is clear since the wastewater treatment reaches a population equivalent of 1,970, who benefit directly from it.

This action is considered a good practise as it meets the following criteria:

- 1. The operation has been adequately disseminated to beneficiaries, potential beneficiaries and the general public.**

In developing this operation, the Sociedad Pública de Infraestructuras y Medio Ambiente de Castilla y León, S.A (SOMACYL) has complied with all the regulatory obligations, and thus, the European co-financing is included in the public documents of the process for contracting the works, that is, both in the tender notices and in the Administrative Specification Sheets express reference is made to its co-financing through the ERDF.

During the execution of the works, a poster has been placed in a visible place and, once the work has been completed, a final plaque has been placed in a visible place to publicise the European Union's participation in financing the work through the ERDF.



Campaspero WWTP poster

Also, the Sociedad Pública de Infraestructuras y Medio Ambiente de Castilla y León, S.A (SOMACYL), has a special section in its website where it provides information on its activities.

<https://somacyl.es/>



Estas Obras serán cofinanciadas en un 50% por el FONDO EUROPEO DE DESARROLLO REGIONAL (FEDER)

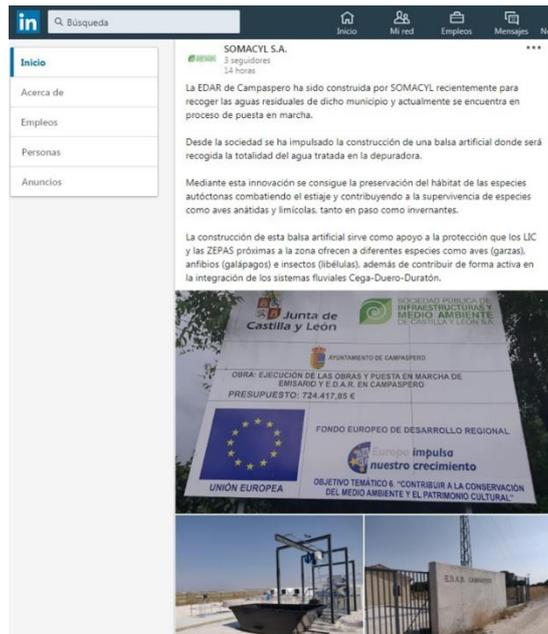
La Sociedad Pública de Infraestructuras y Medio Ambiente de Castilla y León realiza las siguientes operaciones cofinanciadas mediante el PO FEDER de Castilla y León 2014-2020:

OBJETIVO OPERATIVO	DESCRIPCIÓN ACTIVIDADES	FECHA DE FINANCIA	PRESUPUESTO OPERATIVO DE LA ACTIVACIÓN (€)
6.2.1	Ejecución de las obras y puesta en marcha de "500 ANILLOS CIRCULARES (ANILLOS) Y CAJONES - ANILLOS (CAJONES)"	14/12/16	2.202.262,00
6.2.1	Ejecución de las obras y puesta en marcha de Emisario y E.D.A.R. en Campaspero (Subvención con cofinanciación)	16/12/17	1.560.177,00
6.2.1	Ejecución de las obras y puesta en marcha de Emisario y E.D.A.R. en Campaspero (Subvención con cofinanciación)	24/12/17	1.001.953,11
6.2.1	Ejecución de las obras y puesta en marcha de Emisario y E.D.A.R. de Pineda de Berlanga (Subvención con cofinanciación)	15/12/17	2.090.194,11
6.2.1	Ejecución de las obras y puesta en marcha de Emisario y E.D.A.R. de Alameda de San Esteban (Subvención con cofinanciación)	22/12/17	1.620.426,11
6.2.1	Ejecución de las obras y puesta en marcha de Emisario y E.D.A.R. de Laguna de Magallanes (Subvención con cofinanciación)	20/12/16	1.428.882,00

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Among the different social networks managed by SOMACYL, the action is included with a specific entry in our LinkedIn network:

<https://www.linkedin.com/company/somacyl>



In addition, the work has also been published on the social network Instagram.

https://www.instagram.com/p/Bz-Tz 2pwix/?utm_source=ig_web_copy_link



Instagram social network

2. The actions incorporate innovative elements.

The main innovation of this operation is that the Campaspero WWTP project includes the construction of an artificial pond where all the water treated in the treatment plant will be collected.

Preserving the habitat of native species is achieved through this innovation by combating low water levels and contributing to the survival of species such as waterfowl (a group or family of birds that includes ducks, geese and swans) and waders (a large group of birds that live in wetlands that are rich in silt, sand and rocky shores), both migratory and wintering.

The construction of this artificial pond is aimed at supporting the protection of the habitat of the area through two protection figures closely linked to the natural regions of Castilla y León. In this case of the moors and hillsides of the valleys of the Douro River are Sites of Community Importance (SCI), aimed at restoring ecosystems by enhancing their wild fauna and flora biodiversity, and the Special Protection Areas for Birds (SPAs) aimed at discussing the environmental conditions required for resting, reproduction and feeding of unique birds such as birds (herons), amphibians (Galapagos tortoise) and insects (dragonflies), in addition to actively contributing to the integration of the Cega-Douro-Duración river systems.



Future artificial pond

3. Adaptation of the results obtained to the established objectives.

There is currently no appropriate sanitation infrastructure in Campaspero. The building of this WWTP, with its outlets and collectors, guarantees the purification of the municipality's wastewater, contributing to protecting and improving the environment.

This will put an end to all untreated wastewater discharges that have been occurring in the town up to now by making them pass through the WWTP and returning them to the environment.

4. Contribution to the resolution of a problem or weakness detected in the territorial scope of implementation.

The construction of this water treatment plant takes place in the rural area in order to reduce the impact that could be generated if this WWTP was closer to the population centre.

In addition, it contributes to consolidating a larger population in the area due to the improvement of water quality, an essential service for the population.

The Campaspero WWTP is being built to meet in compliance with the EU regulations on wastewater management in Castilla y León to ensure that the water discharged into the different channels has the appropriate sanitary and quality conditions.

5. High coverage of the target population.

The action is aimed at the entire population of the town of Campaspero (Valladolid).

This action affects not only the resident population, but also the seasonal population in the summer months, and the economic activities of these towns, such as the various farms in the region or the various quarrying operations.

6. Consideration of the cross-cutting equal opportunities and non-discrimination criteria, in addition to social responsibility and environmental sustainability.

With regard to the promotion of equal opportunities between men and women, it should be noted that in developing the recruitment actions carried out to implement this operation, the corresponding legislation is observed ensuring its compliance with the principles of freedom of access to tenders, publicity and transparency of procedures, and non-discrimination and equal treatment among candidates.

On the other hand, the beneficiaries of this action are the inhabitants of the municipalities included in its scope of action, without any condition that implies discrimination.

As far as environmental sustainability is concerned, this operation is part of a series of actions developed by SOMACYL whose objective is to contribute to reducing CO2 emissions. These actions consist in achieving a zero-carbon footprint through two specific actions.

On the one hand, reducing emissions by using, to the extent possible, recycled construction materials from duly authorised construction and demolition waste management bodies in the works, whose use contributes to reducing global CO2 emissions resulting from the execution of the works.

On the other hand, by productively planting black poplars, representing an increase in the Autonomous Community of Castilla y León's forest area, in a surface area that balances out the CO2 emitted during the execution of the work with that absorbed in said plantation. This action, in addition to neutralising CO2 emissions, entails a return on the investment in the plantation at the end of its productive life with the sale of the wood produced.

Furthermore, although the ultimate purpose of the Campaspero Wastewater Treatment Plant is the treatment of wastewater with the consequent protection of the environment, this treatment plant has LED lighting to reduce electricity consumption, reuses water for plant maintenance with the consequent reduction in water consumption, has a treatment system that varies from summer to winter (related to the different dilution of wastewater) in order to make the treatment more energy efficient, and low CO2 economy measures have been taken into account for its implementation.

In addition, the construction of an artificial pond where all the water treated in the treatment plant will be collected favours preserving the habitat of the native species.

7. Synergies with other policies or public intervention instruments

This action is included within the scheme drawn up by several EU Directives that structure the policies of the different Member States in the area of sanitation and wastewater treatment, including the Water Framework Directive, which establishes an EU framework for action in the

field of water policy. This Directive has a particular impact on environmental aspects, above all others, and lays down obligations in relation to wastewater collection and treatment systems.

The execution of the new Campaspero Wastewater Treatment Plant is included in the General Protocol for Cooperation between the Ministry of the Environment, Rural and Marine Affairs and the Regional Government of Castilla y León, which establishes the general framework for cooperation in the field of sewerage and water treatment, as an action assigned to the Regional Government of Castilla y León.

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