





Una manera de hacer Europa



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K Ugh/`HfYUha Ybhʻ=bZfUghfi Whi fY`GYfj]WY`cZh\Y`; YbYfU`8]fYWhcfUhY`cZ9bj]fcba YbhU` Ei U`]hmUbX`GighU]bUV]`]hm

Programa Operativo de Castilla y León

Año 2020

Fondo Europeo de Desarrollo Regional

Good Practice presented by the Waste Treatment Infrastructure Service of the General Directorate of Environmental Quality and Sustainability of the Governing Council of Castilla y León consisting in sealing the urban waste landfill in the Province of Palencia, particularly sealing the urban waste landfill of the Cerrato community in Cevico de la Torre and sealing the urban waste landfill of Valdeseñor.

The Waste Treatment Infrastructure Service of the Regional Ministry of Development and the Environment is responsible for carrying out investments in waste infrastructure in the Region, including the Urban Waste Landfill Sealing programme.

The action, which is the subject matter of this good practice, has consisted in Sealing the Urban Waste Dumps located in the province of Palencia that for many years has served both the capital of the province and the province.

Of all the actions that have been developed in the province of Palencia, two stand out as good practices: sealing the urban waste landfill of the Cerrato community in Cevico de la Torre (Palencia) and sealing the urban waste landfill of Valdeseñor (PA).



The total sum of both operations amounts to 2,163,186.78 euros, which means an ERDF aid of 1,052,698.54 euros.

The impact achieved with this action is clear, since with its execution, the life cycle of the head landfill of the province is closed and the potential sources of contamination that this meant for a population of 80,689 (42,626 women and 38,063 men) are sorted.

In turn, both actions have involved the regeneration of 6.23 hectares.

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

1. The operation has been appropriately disseminated to beneficiaries, potential beneficiaries and the general public.

In developing these operations, the Waste Treatment Infrastructure Service has complied with all regulatory obligations, and thus, the European co-financing is recorded in the public documents of the contracting process of the works. That is to say, both in the tender notices and in the Administrative Specifications, express reference is made to its co-financing through the ERDF.

During the performance of the work, a poster has been placed in a visible place and which disseminates the European Union's participation in financing the works through the ERDF.



Also, the Directorate General for Environmental Quality and Sustainability has a web page on which it has publicised this action and its European funding.

https://gobierno.jcyl.es/web/es/consejerias/proyectos-cofinanciados-fondo-europeo.html



On the other hand, this operation has been publicised through press releases and different media.

Suárez-Quiñones visita el sellado del vertedero de Valdeseñor, en Palencia, que realizó nuestro asociado OBRAS HERGON, S.A.

POSTED BY ADMIN ON 12 ENERO, 2017

Fuente: Portal de Comunicación de la Junta de CyL

El consejero de Fomento y Medio Ambiente, Juan Carlos Suárez-Quiñones, el alcalde de Palencia, Alfonso Polanco, y el subdelegado de Gobierno de Palencia, Luis Miguel Cárcel, han visitado hoy el resultado de las obras de sellado del vertedero de residuos urbanos de Valdeseñor, en Palencia, finalizadas el año pasado por la empresa OBRAS HERGON, S.A.. Con estas obras, junto con el vertedero de Cevico de la Torre, ya finalizado, se da por concluido el programa de sellado de vertederos de residuos urbanos en Palencia.

23 de febrero de 2017

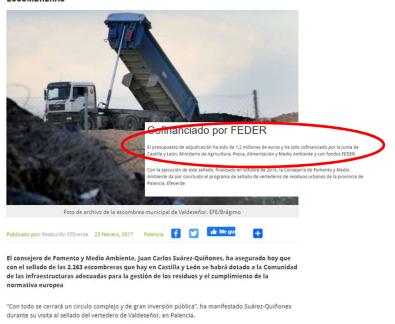
Castilla y León | Consejería de Fomento y Medio Ambiente

Este vertedero daba servicio a la ciudad de Palencia y ahora ha sido sustituido por el nuevo CTR, construido justo al lado, donde se gestionan todos los residuos urbanos de la provincia de

Las obras de sellado, que ha visitado hoy el consejero de Fomento y Medio Ambiente, han consistido en la desratización de la zona, movimientos y perfilados de los residuos, construcción de redes de captación de lixiviados en su perímetro, de captación y drenaje de aguas pluviales, de gases, impermeabilización del vertedero, y construcción de depósitos para lixiviados y rechazos y nueva cobertura con tierra y compost sobre toda la superficie del vertedero.

El presupuesto de adjudicación ha sido de 1,2 millones de euros y ha sido cofinanciado por la Junta de Castilla y León con un 32,1 %, Ministerio de Agricultura, Pesca, Alimentación y Medic Ambiente con un 17,9 % y con fondos FEDER el 50 %.

CASTILLA Y LEÓN CONCLUIRÁ SU PLAN DE RESIDUOS CON EL CIERRE 2.263 Escombreras





2. The actions incorporate innovative elements.

The main innovation of this operation is that it is included in a series of actions developed by the Governing Council of Castilla y León whose goal is to contribute to reducing greenhouse gas emissions and on the other hand eliminating groundwater contamination due to the liquids produced by the decomposition of urban waste (leachates).

The gas generated by the waste is collected through chimneys or vents placed every 25 metres. Subsequently the gas is conducted to a torch where it is burned, since its presence in the atmosphere is highly polluting and poses a danger of explosion and fire of the landfill.

It is very remarkable that the collection facilities have been designed so that in the future, instead of burning the gas in a torch, it could be used as fuel for an engine that would produce green electricity that would be fed into the grid.

In turn, ditches have been built around the dumps through which the liquids produced by the urban waste are collected and channelled to prevent them from infiltrating and contaminating the groundwater and aquifers in the area. Tanks and ponds have been built for its storage where the liquid is collected until it is transferred to a plant to be purified.





Another novel aspect is the integration of the landfill into the landscape once it has been sealed. This is achieved by making the shapes and slopes of the landfill similar to those of the surroundings and, on the other hand, with the sowing and planting of native species that are present in the area.

3. Adapting the results obtained to the established goals.

This action is aimed at solving the current lack of waste infrastructures, closing the life cycle of this type of infrastructure while eliminating a potential source of pollution, recovering contaminated land and promoting sustainable economic development, protecting and improving the environment.

Thus, the results obtained by the action presented as good practice in the sealing of the landfill of Valdeseñor and that of the Mancomunidad del Cerrato, meet the proposed goals correctly. Before the action was implemented, the spillway was at 100% of its capacity and lacked the closure and sealing required by law. The action has represented the waterproofing of all the deposited waste, preventing the infiltration of thousands of cubic metres of liquid from the decomposition of the waste and the emission of methane gas, which is highly polluting and explosive.

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

An important aspect of this action is its location in a rural area. Given the importance of the services in the establishment of population in this area, and the fact that the actions carried out lead to a clear improvement in the quality of the environment, it directly affects the establishment of population in rural areas.

In addition, the sealing of the Palencia urban waste landfill is part of a set of operations aimed at meeting the requirements of Community legislation on the environment and waste management in the territory of Castilla y León, in order to ensure the closure of the waste cycle.

5. High coverage of the target population.

The sealing of the urban waste landfill is aimed at a large part of the population in the province, since the waste from the south of Palencia was deposited in the aforementioned landfill during its operation.

The seasonal population and the economic activities of these localities must be added to the resident population.

There is full coverage of this infrastructure, since the entire population of the south of the province has been depositing its waste in both landfills that are presented as good practice for decades.

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 that is presented as good practice, the corresponding legislation is applied 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 implying discrimination.

In terms of environmental sustainability, the sealing of urban waste landfills, which is presented as a good practice, is fully in line with this goal. In addition to the visual improvement of the landscape, the non-pollution of surface and underground water, it also means the recovery of degraded soil, and the elimination of a volume of methane gas in the atmosphere.

All this results in achieving a sustainable management of urban waste and an improvement for the future in the environment.

We must also add to this the proximity of the action to the Sites of Community Interest and Special Protection Areas for Birds of "La Nava Campos Norte", "La Nava Campos Sur", "Montes de Cerrato" and "Laguna de la Nava", as spaces with endangered animal and plant species that need to be protected.

Meanwhile, it should be recalled that both facilities are prepared to generate electricity in the future from the gas from the waste, by burning it in a cogeneration engine.

7. Synergies with other policies or public intervention instruments.

This action is included in the line drawn up by many EU Directives that structure the policies of the different Member States on waste and end-of-cycle actions for urban waste landfills, including Directive 2006/12/EC of the European Parliament and of the Council, of 5 April 2006, on waste, which calls for the Member States to adopt the necessary measures to ensure that waste is recovered or disposed of without endangering human health and without using processes or methods that could harm the environment.

The sealing of the urban waste landfill is fully aligned with the waste management policies proposed by the Ministry for Ecological Transition and the Demographic Challenge.

In turn, it complies with all the provisions established in the regional and national regulations on the matter, specifically Decree 11/2014, of 20 March, which approves the Regional Plan of Sectoral Scope called "Integrated Waste Plan of Castilla y León" and Law 22/2011, of 28 July, on waste and contaminated soils.







Una manera de lacer Europa



Fondo Europeo de Desarrollo Regional