





## Una manera de Bacer Europa



Sealing of the "La Victoria" landfill - Chiclana de la Frontera (Cadiz) Junta de Andalucía

# Programa Operativo de Andalucía

Año 2018

Fondo Europeo de Desarrollo Regional

## SEALING OF THE "LA VICTORIA" LANDFILL. CHICLANA DE FRONTERA (CÁDIZ)

This project involves the execution of the sealing of the urban waste landfill of "La Victoria" in Chiclana de la Frontera (Cadiz). This action aims to end the landfill usage and the definitive interruption of any waste deposit, therefore regenerating the environmentally degraded area.

The action has been developed with an ERDF contribution of 2,506,678 euros, which has represented an 80% ERDF co-funding of a total investment of 3,133,348.11 euros. The landfill sealing works began in May 2017 and, after a year, they were completed before the summer of 2018, generating around 1,658 wages and benefiting a total population of more than 100,000 inhabitants.

It is considered a Project's Good Practice since it meets the following criteria:

1. The ERDF's role has been suitably disseminated among the beneficiaries, potential beneficiaries, and the general public:

This project has had a wide dissemination of the ERDF's role through the following means and supports:

The Directorate General of European Funds has spread this action through an advertising campaign consisting of insertions in local radio stations. There was also a 4-page section about the project in the printed "20 minutos" newspaper, with a special print run of 3,000 copies in the province of Cadiz, which was the area of action, on December 28, 2018.









The campaign radio slots, with the following voice-over, were broadcast in "Onda Cero", "Ser", "Cope", "Radio Chiclana" and "Canal Sur Radio" in the area of Cadiz, with a total of 182 inserts between the 26 and 28 of December, 2018:

#### http://www.fondoseuropeosandalucia.es/radio/chiclana.mp3

Also, during the execution of the works, the mandatory works sign was placed, as well as the plate including the dissemination data:



Consistent with the actions developed by the DG of European Funds, we have the edition of a newsletter or monthly digital newsletter distributed via e-mail to a total of 2,000 subscribers. Number 93 of December 2018 collects these sealing works co-funded by the ERDF as a main news report:

https://www.juntadeandalucia.es/economiainnovacionyciencia/fondoseuropeosenandalucia/publica3.php?idS=6







## **BOLETÍN digital**



Fondos Europeos en Andalucía





Periodistas locales conocen el sellado del vertedero de Chiclana, apoyado por el FEDER

La Junta de Rindacción, en el la Discritta Senerar de Fondos Europeos, organizó un encuentro con periodistas locales de Cádiz para mostraries el papel que juega la Política Regional en proyectos de gran calado para la ciudadanía. En este sentido, la comitiva visitó las obras ya ejecutadas del sellado del vertedero La Victoria, en Chiclana de la Frontera (Cádiz), que contaron con el apoyo del Fondo Europeo de Desarrollo Regional (FEDER). El jefe de servicio de Planificación de la Consejería de Medio Ambiente y Ordenación del Territorio, Germán Coca, explicó las detalles técnicos del proyecto y anunció que los terrenos recuperados servirán como plataforma para um nuevo centro de transferencia de residues al servicio de la comerca.

Los trabajos de sellado del vertedero comenzaron en mayo de 2017 y, tras un año de intervención, culminaron antes de verano de 2018, "generando almedetor de 1.600 jornales y beneficiando a una población total de más de 82 mil habitantes", explició Germán Coca. Estos terrenos, de 24 hectáreas de superficie, acogerán una estación de transferencia de residuos ablidos urbanos con una capacidad prevista de 100.000 toreladas de residuos al año, dando cobertura a un total de 105.517 habitantes residentes en los municipios gaditanos de Chiclana de la Frontera y Conil de la Frontera.

This report has also been disseminated through the social networks of the DG of European Funds such as Facebook, Twitter and Youtube, reaching a high number of visits and visualizations:

https://www.youtube.com/watch?v=6rJA2jRW6Fg



Finally, as a highlighted communication action, on 20 December, 2018, the DG of European Funds made a call for the local press so that they would get to know first-hand and in-situ about the project executed and co-funded by the ERDF. In this journalists' meeting, a press release was distributed highlighting the role of the ERDF, as well as diverse material on the European Funds for the knowledge and use of the attending media.



Based on the meeting, media such as "Europapress", "andalucíainformación.es" or "20 minutos" echoed the news highlighting the ERDF contribution to the project:

://www.europapress.es/andalucia/medioambiente-00619/noticia-junta-invierte-31-millones-clausura-regi

#### europa press

### Junta invierte 3,1 millones en clausurar y regenerar el vertedero La Victoria en Chiclana









Actualizado 07/06/2017 14:06:02 CET

EUROPA PRESS/JUNTA DE ANDALUCÍA

CHICLANA DE LA FRONTERA (CÁDIZ), 7 Jun. (EUROPA PRESS) -

El consejero de Medio Ambiente y Ordenación del Territorio, José Fiscal, ha visitado las de la companio de la Medio de la Medio de la Medio de la Medio de la Frontera (Cádita), cupa acto idón cuenta con una inversión de 3,1 millones de euros, con cargo a fondos europos deder, y se realizarán en un plazo de ejecución de siete

En una nota, la Junta ha señalado que actúa así en auxilio del municipio de Chiclana de la Frontera para proceder a la clausura, sellado y restauración de una superficie de 24 hectáreas destinadas anteriormente a la almacenamiento de residuos urbanos. Estos trabajos beneficarán a una población de 82.298 habitantes y, según las previsiones, generarán 1.656 jornales, ha añadido.

Según ha explicado, se retirarán los vertidos más voluminosos, especialmente escombros, así como los lixiviados y aguas superficiales. Además, el proyecto incluye también el sanamiento y la restauración ambiental de toda la cubierta vegetal de la superficie afectada.

#### Últimas noticias / Andalucía »

- Los PGE suben un 33% en Córdob destinan 11 millones al 'bypass' d AVE en Almodóvar y 50.000 euros la Mezquita
- Los PGE destinan 4,6 millones a la Beas-Trigueros, 8,3 a la presa de Alcolea y el litoral logra seis millones
- Inserta imparte en Sevilla un curs de formación para el empleo para personas con discapacidad





C https://andaluciainformacion.es/chiclana/681522/comienzan-las-obras-para-el-sellad





Publicado: 07/06/2017 · 15:16 Actualizado: 07/06/2017 · 15:26

El consejero de Medio Ambiente y Ordenación del Territorio, José Fiscal, ha visitado este miércoles las obras de sellado del vertedero de residuos urbanos de La Victoria de Chiclana de la Frontera, cuya actuación cuenta con una inversión de 3,1 millones de euros, con cargo a fondos europeos Feder, y se realizarán en un plazo de ejecución de siete meses.

Durante la misma ha estado acompañado por el alcalde chiclanero, José María Román, y el delegado municipal de Medio Ambiente, Joaquín Páez. Reseñar que las máquinas llevan una semana trabajando sobre el terreno y el objetivo de la Consejería es que para finales de este año o principios de 2018, el proyecto esté completamente ejecutado.



#### 2. The action incorporates innovative elements:

The performance incorporates a leachates tank, being an innovative or little used element, as open basins is the commonly used method for the collection of leachates (contaminated water that either produces the waste itself or that is contaminated by passing through this waste). The landfill formerly had two open basins for leachates collection, but these generated odour problems and posed a potential danger to the fauna.

After sealing, the collection of leachates is produced in a closed tank, by encapsulating the leachates through an insulating layer that prevents water income and allows both gas and leachate expulsion in a controlled way. Thus, the leachate is discharged into a controlled tank and the gas is evacuated through chimneys. This implies an improvement at an

environmental level as it reduces the generation of odours and the potential danger to the local fauna.



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

This action mainly aims to end with the usage of the landfill and the definitive interruption of any waste deposit, regenerating the environmentally degraded area. This objective is being fulfilled since the environmental problems of pollution (groundwater and surface water, soils, etc.), landscape deterioration, slope instability, saturation, and possible sanitary risks have been solved. And, in addition to protecting the environment and people's safety, this initiative has achieved the restoration of the whole environment landscape.

Therefore, the result has been a naturalised terrain in which native vegetation will repopulate and integrate the landfill into the landscape in a natural way and with a first sowing aid. Additionally, the main problems this project faced have been solved, such as securing the stability of the landfill, preventing the source of water pollution once the landfill was closed, eliminating bad odours and possible infections, and mitigating the visual impact by integrating the landfill into the environment.

#### 4. Resolution contribution of a regional problem or weakness:

This landfill was operating until the year 2007 as a solid urban and construction waste landfill, and had to be shut down for not being able to adapt to the increasingly demanding regulatory changes. The basic environmental problem it generated was leachates contamination. Therefore, on this basis, the Government of Andalusia has helped the municipality of Cadiz to proceed with the closure, sealing and restoration of an area of 24 hectares previously destined to the uncontrolled storage of waste.

For 30 years, the city Council of Chiclana de la Frontera will carry out a monitoring and control plan that basically consists in the analysis of surface and underground water to discard leaks, on gas analysis, settlement report, and treatment of the leachates produced. Thus, the terrain is available for carrying out any activity that does not jeopardise the sealing layer. Also, the municipality can carry out the implementation of activities, therefore contributing to the development of the area.



#### 5. High target population coverage:

The project directly affects the municipality of Chiclana de la Frontera (Cádiz), which has 83,148 inhabitants, and La Janda region, of 105,517 inhabitants. Additionally, it indirectly affects all municipalities, both from the point of view of pollution and from the point of view of the deterioration of the local landscape, being located in a place of citizenship transit.

# 6. The horizontal criteria for equal opportunities and non-discrimination, environmental sustainability and/or social responsibility have been taken into account:

The sustainability criterion lies in the very nature of the project that promotes environmental protection, regenerating an environmentally degraded area and contributing to environmental sustainability.

As for the criterion of equal opportunities, for the more than 1,600 generated wages, as well as for the total population affected by this project, men and women were included indiscriminately.

#### 7. Synergies with other public intervention policies or instruments:

This work has synergies with the Territorial Director Planning for the Management of Non-Hazardous Waste in Andalusia for the period 2010-2019, which establishes the need to adequately manage the waste dumping in landfills. Support landfills are defined as conditioned places for the reception and collection of waste materials derived from the treatment and separation of collected household waste. At the end of its useful life, support landfills must be closed, sealed, and monitored and controlled for at least 30 years.

In addition, landfill sealing has allowed the terrain to be available for other actions. In fact, the Ministry of Environment and Spatial Management, through the General Directorate of Prevention and Environmental Quality, is working on the installation of a Waste Transfer Station in the vicinity of this land.







# Una manera de Bacer Europa



Fondo Europeo de Desarrollo Regional