



Una manera de hacer Europa



Street furniture and equipment in the La Paz Park. DUSI Strategy Siero "Asturias Center"

Siero City Council

Programa Operativo Plurirregional de España

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Fondo Europeo de Desarrollo Regional

INTRODUCTION:

As reflected in the Integrated Sustainable Urban Development Strategy (EDUSI) Siero "The Centre of Asturias", poor environmental quality is one of the main problems in Siero, with Lugones being one of the most affected urban centres in the Council of Siero. Lugones suffers from high levels of air, noise and landscape pollution as a result of a confluence of geographical, climatic and industrial development factors that jeopardise the future of Lugones as an attractive place capable of offering a housing alternative to young families and guaranteeing a good quality of life for the elderly who choose this town, which is strategically located between

Pola de Siero and Oviedo.

The DUSI Strategy Siero "Asturias Center" shows that acting in Lugones, there is an important transforming effect in the whole Council of Siero, and even more, in all Asturias thanks to its strategic position in the center of Asturias and its proximity to Oviedo. Lugones concentrates a series of problems that are extrapolated to the reality of the whole Council of Siero, such as air pollution and the need for green spaces for the population that contribute to the cohesion of the territory. On the other hand, it offers a series of advantages such as the existence of a young population, the presence of a large number of green spaces, the possibility of obtaining housing at a reasonable price and a suitable orography and dimension that facilitate the use of alternative elements to the private vehicle for urban and interurban displacements.

In this sense, with this action a "Regeneration of the La Paz Park" has been carried out.

The actions carried out were:

- Replacement of the pavement
- Replacement of street furniture and installation of EPDM rubber.
- Creation of a children's road safety circuit
- Improvement and/or adaptation of the lighting levels inside the green spaces to improve the safety and use of the green spaces at all times of the day and reduce light pollution.
- Installation and/or improvement of infrastructures and irrigation networks.

Part of this action was planned as a Best Practice, specifically the provision of 23 items of street furniture and the installation of rubber pavements, artificial turf and the creation of a traffic education circuit in the La Paz Park.

The Best Practice action consisted of:

- the complete renovation of the children's play area, in which a road safety circuit has been built, the pavements have been renewed with an area of colored continuous safety rubber (EPDM) and another area of artificial grass, a zip line has been installed, a double swing with a cradle and flat seat, and a triple swing with a flat seat, basket and seat adapted for people with physical disabilities, something that was highly demanded by users
- the installation of a seating area next to the children's playground with the installation of 36 m. of laminated chestnut wood benches so that parents and grandparents can socialize while watching the children.
- The renovation of 216 m of wooden slatted bench with the replacement of the old slats with new ones made of weather-resistant tropical wood, while the lower metal structure of the benches has been cleaned, sandblasted and painted.

- The installation of a fountain adapted for adults, children and people with reduced mobility.
- The replacement of the slate paving slabs in poor condition and with a very smooth surface that made them prone to falls due to slipping on them when wet, with "ecogranic" type tiles, which due to their characteristics are anti-slip and at the same time contribute to the reduction of pollution by absorbing CO2.
- The renovation of the lighting with LED technology, which requires much less energy consumption.
- The installation of automatic irrigation in green areas.

The eligible cost of this action was €123,545.27, of which 80% (€98,836.22) was co-financed by the European Union.

1. THE ROLE OF THE ERDF IN THE ACTION HAS BEEN ADEQUATELY DISSEMINATED AMONG POTENTIAL BENEFICIARIES AND THE GENERAL PUBLIC.

The role of the ERDF in the action has been disseminated with the following communication actions:

The following advertisement was inserted in local and regional press:





Regional Newspaper La Nueva España, 7/10/22



Regional Newspaper La Nueva España, 10/14/22





Regional newspaper El Comercio, 11/10/2022 National newspaper MARCA, 11/10/22



Regional newspaper El Comercio 11/10/22

Twenty 20-second spots were broadcast on the regional COPE radio station and one spot on national radio ONDA CERO.

https://ayto-siero.es/recursos/doc/Feder-Dusi/46577_2323202394315.wav

A robapagina was inserted in the digital newspaper elcomercio.es, from October 13 to 15, 2022.

The news was also published in several media outlets:

https://www.europapress.es/asturias/noticia-finalizan-obras-regeneracion-parque-paz-lugones-20221008185952.html

https://www.lne.es/siero/2022/01/03/parque-paz-tendra-pavimento-materiales-61217280.html

El Tapín - The regeneration works of La Paz Park in Lugones begin - noticias de Siero (eltapin.com)

The regeneration project of the Parque de la Paz de Lugones includes a traffic education circuit for children (20minutos.es)

Regarding the Regulatory Communication, an informative sign has been placed during the execution of the works, as it was being executed. In addition, after the completion of the work, a definitive plaque was installed.





And in the administrative documentation, the EU and ERDF logos were used.



2. THE ACTION INCORPORATES INNOVATIVE ELEMENTS

The action represents an innovative element in itself, as it represents a radical change in the way of understanding green areas in Lugones and the commitment to the creation of a quality green infrastructure that serves to mitigate the effects of climate change and regenerate urban space by increasing the quality of public space.

In this sense, we have opted to promote and encourage intergenerational relations through the design of public space by combining elements that respond within the same space to the elderly, young people and children of infant age. In the same way, accessibility and the needs of people with different abilities have been taken into account in the design.

In addition, whenever possible, the design has opted for natural, recyclable materials or materials with a positive impact on the environment, such as "ecogranic" tiles, which "actively contribute to the reduction of atmospheric pollutants such as nitrogen oxides, volatile organic compounds and particulate matter".

3. ADEQUACY OF THE RESULTS OBTAINED TO THE ESTABLISHED OBJECTIVES

Within the 4 results foreseen by the EDUSI, the action will effectively contribute to the fulfillment of:

R3- Improve the environmental quality of Siero from the enhancement of nature in the city and the renaturalization of spaces that regenerate green spaces.

4. CONTRIBUTION TO THE RESOLUTION OF A PROBLEM OR WEAKNESS DETECTED IN THE TERRITORIAL SCOPE OF EXECUTION

At present, poor environmental quality is a pressing problem in Lugones. The area suffers from high levels of atmospheric and landscape pollution and has large green areas that are disconnected from each other and isolated in the urban sprawl.

Therefore, the renaturalization of the area of action involves the improvement of a green area that contributes to the improvement of air quality, reduces noise pollution and neutralizes visual and landscape pollution, as well as creating a quality public space that favors social gatherings.

The application of nature-based solutions for cities is a fundamental element for the management of urban spaces, environments, such as Lugones, which are under increasing pressure and degradation. The importance of this operation lies in the fact that measures such as the use of trees to reduce pollution or problems such as insolation, as well as the restoration of green areas in urban spaces, generate support dynamics in ecosystems and the services they provide, which will make it possible to respond to future challenges in the management of the environment.





Area before the performance

Area after the performance

5. DEGREE OF COVERAGE OF THE POPULATION TO WHICH IT IS ADDRESSED

The provision of street furniture and equipment in the Parque de La Paz is an action that has a great impact on the citizens of Lugones, since this action covers the 13,141 inhabitants of Lugones.

6. CONSIDERATION OF THE HORIZONTAL CRITERIA OF EQUAL OPPORTUNITIES AND NON-DISCRIMINATION, AS WELL AS SOCIAL RESPONSIBILITY AND ENVIRONMENTAL SUSTAINABILITY.

The operation takes into account the horizontal principles of equal opportunities between men and women, non-discrimination, as well as those of social responsibility and accessibility based on the participative processes for its elaboration. The improvement of the urban environment contributes to the process of fixation and attraction of young population that favors the process of rejuvenation of the population pyramid.

In this action, in addition to increasing the space for children's games with the installation of 6 games, people with physical disabilities have been taken into account, with the installation of an adapted swing.



7. SYNERGIES WITH OTHER POLICIES OR INTERVENTION INSTRUMENTS

As complementary actions, we can point out some of them, such as the construction of bicycle lanes, an action co-financed by the ERDF, included in the Urban Development Strategy of Siero. This action is part of the interventions included in the "Project for the integration of the bicycle-pedestrian network and improvement and connection of green spaces in Lugones".

This action is planned as a provision of free spaces within the General Urban Development Plan of Siero (PGOU).





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