

*Una manera de hacer Europa*

 **BUENAS PRÁCTICAS**  
**Operaciones Cofinanciadas**

SCHOOL PATHS OF THE AUTONOMOUS CITY OF  
MELILLA: EDUCATIONAL CENTERS ENRIQUE  
SOLER AND HIPÓDRMO (SOUTHERN ZONE)

Ciudad Autónoma de Melilla

**Programa Operativo  
de la Ciudad de Melilla**

**Fondo Europeo de Desarrollo Regional**

**Año 2017**



## **PROJECTS OF SCHOOL PATHS OF THE AUTONOMOUS CITY OF MELILLA: EDUCATIONAL CENTERS ENRIQUE SOLER AND HIPÓDRMO (SOUTHERN ZONE)**

### **SHORT DESCRIPTION**

It is common for schoolchildren in Melilla, especially the younger ones, to be transferred by their families, by car, to their schools both at the beginning and end of a school day. This causes mobility problems and agglomerations of vehicles at the time of entry and exit from the centres, with the ensuing safety problems, traffic jams, stress, aggression etc. and losing the benefits of walking.

For this reason, several Educational Centres, through their School Councils and AMPAS, have requested to promote the School Pathways in the City, in line with what is stated in the Sustainable Urban Mobility Plan, written and approved by the City. Among these centers are "Hipódromo" and Enrique Soler."

Starting from the base of the pioneering experiences with several schools, meetings have been held with the students, with the families, and with the staff of the Centre itself to carry out an analysis of mobility and physical space. In this way, it has been found out which are the most common paths that schoolchildren take from their homes to school, how they travel (on foot, own vehicle, bicycle ...) and if they are accompanied.

Based on these data, the so-called "mobility spider" has been designed for each Centre, as well as the modes of transport used. Once the same was obtained, together with the study of the physical space, the safest route options and meeting stops were defined.

These tours are already being carried out regularly by a large number of schoolchildren, accompanied by their families. Once the practice has been established it is time to consolidate it and improve its features in order to make it a regular practice.

Children using the Accessible Pedestrian Itineraries



El Camino Escolar is the safe route that children can follow on their way back and forth to the school, making it possible for them to travel more autonomously. In this way, it is intended to return to the children the right of autonomy and promoting the education of civic values, responsibility, sustainable and environmental mobility, encouraging the street to become a safe and welcoming environment.

Each school path is different, since the characteristics of each school are unique. These variables have been studied carefully when designing roads.

The works undertaken are aimed at improving the safety and comfort of four school routes (two for each school), especially at junctions with traffic lanes. In addition, it is noteworthy that these actions, although they have been designed for school children, also contribute significantly to the improvement of pedestrian mobility of the rest of the population.

For each of the centres two meeting points have been defined for the collection of the students, consisting mainly in the adjustment and improvement of the security of the different access routes that run between said meeting points and the schools. Pedestrian waiting areas have been enlarged at junctions with road traffic, they have been provided with protection rails and corresponding road signs for such crossings have been improved.

This part of the project has required a total amount of just over 181,000 Euros, with an ERDF contribution of about 145,000 Euros. The impact of the action is calculated on the 230 students who, at present, are using the school paths to both schools, which representing an annual carbon footprint reduction of about 130 tons.

The School Routes of the Autonomous City of Melilla are considered a good practice for the reasons explained below.

**The action has been suitably disseminated among the beneficiaries, potential beneficiaries and the general public**, for which different communication channels have been used, such as the printing press, insertion of news on local television during prime time, information on web pages, digital press, etc. It is worth noting the act of laying the first symbolic stone of the project. An act to which the citizens were invited alongside the media, which gave it a wide coverage. In this regard, the participation of the President of the Autonomous City of Melilla and the Councillors of Citizen Security and Environment, authorities highlighted the importance of the European Regional Development Fund in actions favouring mobility and accessibility of Melilla schoolchildren, in particular, and citizens, in general.

Once the action has been completed and the school paths have been put into action, the activity has been given the corresponding dissemination in the affected schools, both at the level of the school council and the association of parents of students, achieving a high degree of participation and acceptance among the students, as well as among their relatives.

Information in the written press



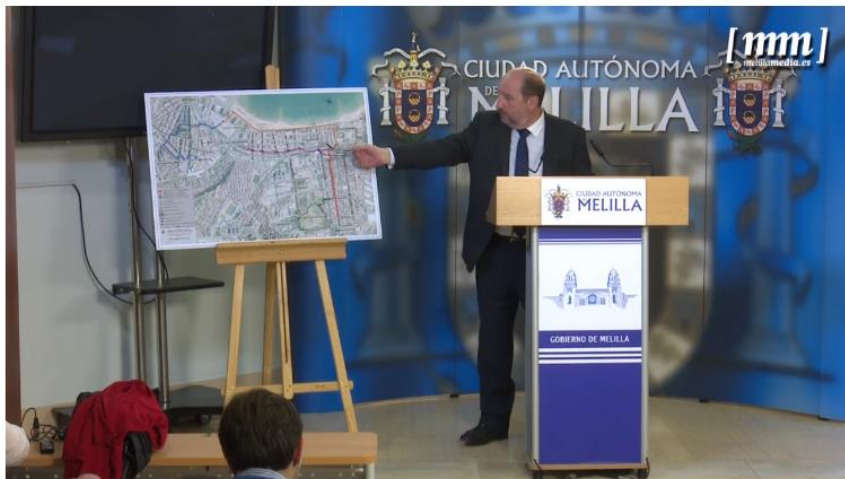
Poster at the construction site

 <p><b>CIUDAD AUTÓNOMA DE MELILLA</b> Consejería de Coordinación y Medio Ambiente</p>		<p><b>UNIÓN EUROPEA</b></p> 	
<p><b>PROYECTO DE CAMINOS ESCOLARES EN LA CIUDAD AUTÓNOMA DE MELILLA C.C. ENRIQUE SOLER Y C.E.I.P. HIPÓDROMO</b></p> <p><b>ACTUACIÓN COFINANCIADA POR LA UNIÓN EUROPEA A TRAVÉS DEL FONDO EUROPEO DE DESARROLLO REGIONAL (FEDER)</b></p> <p>Objetivo: Contribuir a la conservación del medio ambiente</p>			
<p>Fondo Europeo de Desarrollo Regional (FEDER): <b>“Una manera de hacer Europa”</b></p>			
<p><b>PRESUPUESTO: 181.508,00 €</b></p>		<p><b>CONSTRUYE: ANTONIO ESTRADA GARCÍA</b></p>	

Coverage on TV Melilla when laying the first stone



## Project Presentation



## Website of the Autonomous City of Melilla

The project incorporates innovative elements such as road safety education of schoolchildren and the development of mobility and accessibility actions. The safety of the citizens is fostered and the reductions of the ozone footprint and greenhouse gases are promoted with the ensuing benefits for the environment, the improvement of the quality of life of citizens and the promotion of healthy habits as core educational values among young people.

In addition, it is worth noting the partnership created around the project: it has achieved collaboration and participation in Educational Centres, the Directorate General of Traffic, the Ministry of Education, the Associations of Mothers and Parents of Students, the Citizen Security and Environment Ministries and volunteers. This demonstrates the collaboration of the different agents of the national and regional administration and of the educational community in the execution and obtaining good results from the action.

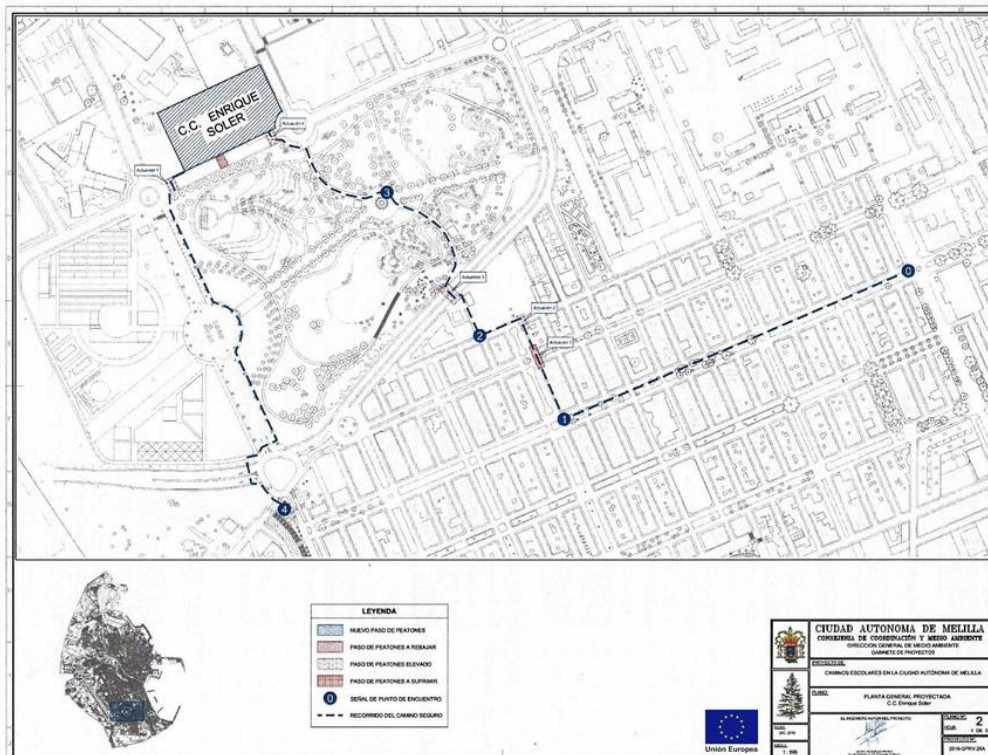
The decrease of traffic which resulted from this action in the vicinity of the affected schools has indirectly allowed the implementation of other innovative actions, such as the "KISS and GO"

initiative, which consists of creating stop zones for vehicles for a short time in the areas near the meeting points at the beginning of the school day, thus promoting intermodality between forms of transport by vehicle and on foot, especially for children.

The results obtained correlate with the established objectives, which are:

- Promote sustainable urban mobility by directly promoting healthy habits of the school population and in an indirect way, of the rest of the population.
- Establish or expand pedestrian corridors, with special pedestrian protection, by improving road safety in the areas of action.
- Create an Accessible Pedestrian Itinerary, through the works undertaken to facilitate the transit of pedestrians.
- Improve the accessibility to public spaces, in accordance with the Ordinances of the Autonomous City of Melilla.
- Promote local urbanism.
- Adaptation to the Sustainable Urban Mobility Plan of the Autonomous City of Melilla.
- Resolve the problem of deterioration of public spaces, taking as protagonists children, family and school, through visibility and awareness.
- Increase safety in the school environment and access roads, extending this to the entire city.
- Reduction in the use of private vehicles, to reduce saturation in the road network, offering other healthier alternatives.
- Improve air quality, health and the urban environment, by reducing vehicle traffic.
- Reduction of Carbon Dioxide (Greenhouse Gases).
- Decrease of road traffic in the vicinity of schools.

### Accessible Pedestrian Itinerary C-C- Enrique Soler

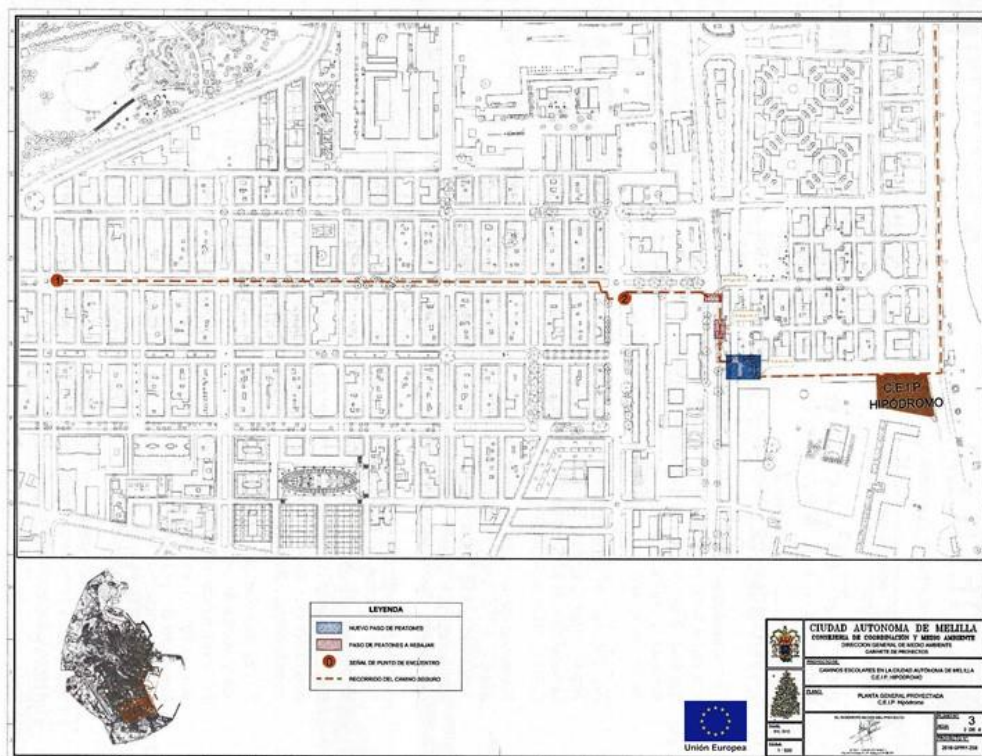


The Project contributes to the resolution of a regional problem or weakness. According to the Spanish Inventory System for 2011, the total emissions of Greenhouse Gases in Spain were 350,484 kt CO<sub>2</sub>-eq and the contribution of Melilla was 340 kt CO<sub>2</sub>-eq, representing 0.097% of the national total; a percentage higher than its corresponding area and population suggests. In addition, while the emissions on the national level began to decrease considerably since 2007, the trend in the case of Melilla is clearly growing, thus failing to decouple its growth of GHG emissions.

In particular, in Melilla, according to its Sustainable Urban Mobility plan, the motorisation rate exceeds 700 vehicles per 1,000 inhabitants, much higher than the national average, which stands at around 480 vehicles per 1,000 inhabitants. This action directly promotes the use of transport on foot, and indirectly the use of public transport, given the synergies between both modes of transport, which helps considerably to reduce the high motorisation rates of the City.

The origin of emissions to the atmosphere in Melilla is mainly coming from three sources: the electric power production plant, the waste incinerator and the road traffic. Thus, this project, among other issues, contributes to the reduction of Greenhouse Gases in the city generated by one of the three aforementioned sources. As a consequence of the reduction of road traffic in the hours before and after school - an objective of this action - healthy habits among the school population have been promoted.

#### Accessible Pedestrian Itinerary C-C- Enrique Soler



It has a high degree of coverage of the target population. At first, the action is aimed at children of the Hippodrome and Enrique Soler Schools, but indirectly, all citizens can benefit, since it promotes mobility and accessibility for the entire population that moves around the area, in addition to an improvement in air quality by reducing the pollution caused by private vehicles, thus resulting in an important social objective.



Likewise, the works carried out allow greater accessibility to pedestrians and, through the habit that schoolchildren are adopting from walking to their schools, there is a reduced use of private vehicles, showing a multiplying effect in the affected population.

In addition, given the success of this initiative in the centres in which it has already been established, the rest of Melilla's educational centres are requesting the implementation of similar actions in their vicinities. Thus the initiative that began affecting only a small sample of Melilla's school population can in a short time become a common practice in all schools reaching a degree of coverage among the entire educational community.

Children using the Accessible Pedestrian Itineraries



The horizontal criteria of equal opportunities and environmental sustainability have been taken into account. Both horizontal criteria have been incorporated into the project:

- Equal opportunities: the project is aimed at the children of the School Centres already mentioned. It is foreseen that, in its totality, eight Centres will benefit. However, this project has an important social impact, since, indirectly, it benefits the citizenship in its entirety. Furthermore, in all the documentation carried out and, in all communication, actions undertaken, an inclusive and non-sexist language has been used.

- Environmental sustainability: the project has a direct and positive impact on the environment by reducing Carbon Dioxide (Greenhouse Effect Gases) by preventing the circulation of approximately 400 vehicles around School Centers, improving air quality, health and the urban environment.

This action has been developed and promoted by the Ministry of Coordination and Environment. However, synergies with other policies or instruments of public intervention have already been shown. The project has a significant impact on the environment, as a result of the reduction of traffic in the hours before and after school. There are also significant synergistic effects in terms of improving urban mobility, improving the accessibility of public spaces through the establishment of steps for pedestrians and increases in security in the vicinities of schools and access roads, thus forging greater levels of collaboration between the different administrative areas and the educational community of Melilla.

Children using the Accessible Pedestrian Itineraries

