

*Una manera de hacer Europa*



# BUENAS PRÁCTICAS Actuaciones Cofinanciadas

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**Programa Operativo  
del Principado de Asturias**

Año 2021

**Fondo Europeo de Desarrollo Regional**



## **NEW LA FRESNEDA SECONDARY INSTITUTE IN THE MUNICIPALITY OF SIERO.**

The project consists of the construction of a new Secondary Education Institute (IES) in La Fresneda (Siero), a town that to date did not have this type of equipment.

The institute stands on a single building, adapted to the topography of the plot, with three independent volumes connected to each other through the access area and the porch.

It has a total floor area of 6.060 m<sup>2</sup>, including a covered sports court. It houses classrooms for 12 ESO and 6 Baccalaureate units and includes among its dependencies an indoor gym, Physics, Chemistry and Science laboratories, specific computer, drawing, music and technology classrooms, as well as various classrooms for thinning of clases and pedagogical support and reinforcement.



Compulsory Secondary Education and Bachelors in the fields of Science and Technology and Humanities and Social Sciences will be taught in the new building.

This action, carried out by the Ministry of Education of the Principality of Asturias, represents an eligible cost of 6.115.985 euros and a percentage of co-financing of 80% by the European Regional Development Fund (ERDF).

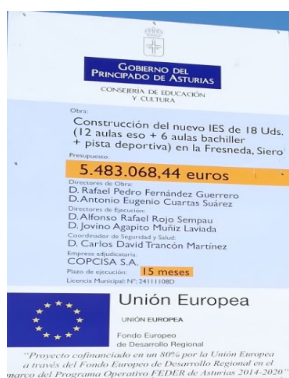
The facilities of this new public center will benefit the 540 students who make up the building's capacity for Secondary Education and Baccalaureate.

Below are the arguments that make this project be considered a Good Practice, according to the established criteria.

## High diffusion among beneficiaries and the general public

Within the framework of fulfilling the objectives of the PO FEDER Communication Strategy, information and communication have been a fundamental element in the construction process of the building, in order to guarantee the increase in citizen awareness of the added value of Community cofinancing.

Regulatory requirements regarding communication with the advertising poster during the execution of the works and the subsequent placement of the permanent plaque located at the entrance of the center have been complied with, recording the contribution of the European Regional Development Fund.



During the bidding process and execution of the project, the information on the ERDF cofinancing has been included both on the Ministry's website, the contracting file and in all the documentation related to it.



Several press releases have been published on the website of the Principality of Asturias reporting the progress of the works and the inauguration of the IES.

GOBIERNO DEL PRINCIPADO DE ASTURIAS

Lunes, 6 de septiembre de 2021

### El nuevo IES de La Fresneda comenzará las clases con 111 estudiantes y 29 docentes

- La organización en tres unidades de 1º de ESO y dos de 1º de Bachillerato facilitará la aplicación de los protocolos anticovid
- Las superaulas con tabiques móviles, los nuevos espacios educativos como el denominado *frago de campamento* y el foro permitirán la aplicación de un proyecto pedagógico innovador

El nuevo Instituto de Enseñanza Secundaria (IES) de La Fresneda comenzará su actividad lectiva el 14 de septiembre con 111 estudiantes y 29 docentes. El equipo directivo encabezado por Isabel Rivera está ultimando la organización del alumnado en tres unidades de 1º de ESO y 1º de Bachillerato en un edificio de 6.059 metros cuadrados, lo que facilitará la aplicación de las medidas anticovid.

La consejera de Educación, Lydia Espina, ha visitado hoy el centro acompañada por la directora general de Planificación e Infraestructuras Educativas, Elena Arango. Ambas han atendido las explicaciones del jefe del Servicio de Infraestructuras, el arquitecto de la consejería Antonio Cuartas.

La consejería recibió el edificio el 22 de julio. Las obras, cofinanciadas por la Unión Europea a través del **Fondo Europeo de Desarrollo Regional (FEDER)**, se adjudicaron en 5,48 millones a la empresa Copcisa. El diseño original era obra de los arquitectos Raúl Gil y Luis García, de Código Arquitectura.

This project has had a wide impact in the media, always making clear the role of the ERDF both in its launch and its execution and start-up. In this sense, it is shown, by way of example, the reflection in the regional press, both in its traditional and “online” versions.

nmapress / asturias

El nuevo IES de La Fresneda comenzará las clases con 111 estudiantes y 29 docentes

### Siero tramitará ya la licencia de obra para el Instituto de La Fresneda


El expediente pasará el lunes por la comisión informativa de Urbanismo y se aprobará después en la Junta Municipal de Gobierno

**JOSÉ CRÓN** / FOLA DE SIERO 4.08.2021 07:21

El Ayuntamiento de Siero llevará a la comisión informativa de Urbanismo del próximo lunes la tramitación de la licencia de obra para ejecutar el Instituto de Educación Secundaria de la urbanización de La Fresneda, según anunció ayer la concejala del área, Violeta Masas, tras ser aprobada en la Junta de Gobierno.

Mañana apunta que, con la concesión de esta licencia de obra, el Ayuntamiento de Siero culmina la primera fase de los trámites administrativos que son de su competencia. A una vez que esté construido el edificio, habrá que certificar el final de obra y se concederá la licencia municipal de uso y ocupación.

Según las previsiones que el consejero de Educación y Cultura del Principado, Genaro Alonso, expuso el día de la presentación del proyecto, la obra saldrá a licitación en septiembre de este año, para poder tenerla adjudicada en mayo de 2019 y que el edificio esté concluido en diciembre de 2019. Este plazo es de obligado cumplimiento, ya que en caso de convertirse en el cuarto instituto de secundaria del concejo de Siero estará **financiado en un 80% con fondos europeos FEDER**. El presupuesto de licitación supera los ocho millones de euros.



Las concejalas Aurora Chafarigo y Violeta Masas, en una reunión



**La Voz de Asturias**

**La Consejería recibió el 22 de julio unas obras cofinanciadas por la Unión Europea a través del Fondo Europeo de Desarrollo Regional (FEDER) y que se adjudicaron en 5,48 millones a la empresa Copcisa.**

El instituto se levanta en un único edificio, adaptado a la topografía de la parcela, con tres volúmenes independientes y conectados entre sí a través de la zona de acceso y del porche.

OVIEDO, 6 Sep. (EUROPA PRESS) -

El nuevo Instituto de Enseñanza Secundaria (IES) de La Fresneda comenzará su actividad lectiva el 14 de septiembre con 111 estudiantes y 29 docentes. El equipo directivo encabezado por Isabel Rivera está ultimando la organización del alumnado en tres unidades de 1º de ESO y 1º de Bachillerato en un edificio de 6.059 metros cuadrados, lo que facilitará la aplicación de las medidas anticovid, según ha informado este lunes el Gobierno asturiano a través de una nota de prensa.

La consejera de Educación, Lydia Espina, ha visitado el centro acompañada por la directora general de Planificación e Infraestructuras Educativas, Elena Arango. Ambas han atendido las explicaciones del jefe del Servicio de Infraestructuras, el arquitecto de la consejería Antonio Cuartas.


La consejería recibió el edificio el 22 de julio. Las obras, cofinanciadas por la Unión Europea a través del **Fondo Europeo de Desarrollo Regional (FEDER)**, se adjudicaron en 5,48 millones a la empresa Copcisa. El diseño original era obra de los arquitectos Raúl Gil y Luis García, de Código Arquitectura. La compra del mobiliario necesario para el desarrollo de la actividad del centro se adjudicó a finales de agosto.

The infraestructura has been presented in an advertorial broadcast by the television of the Principality of Asturias (RTPA), reflecting the ERDF’s impact on the action.

Asturias / Educación

Fuente: EFE, 6 de septiembre, 2021 © 21:49

### El IES de La Fresneda se estrenará con 111 alumnos y 29 docentes



GOBIERNO DEL PRINCIPADO DE ASTURIAS  
CONSEJERÍA DE EDUCACIÓN  
**I.E.S. LA FRESNEDA**  
OBRAS DE CONSTRUCCIÓN DE NUEVO INSTITUTO DE 18 UDS: 12 AULAS ESO  
6 AULAS DE BACHILLERATO Y PISTA DEPORTIVA CUBIERTA

It has also been spread on social networks (Facebook) announcing the development of the works as well as their co-financing by the ERDF:



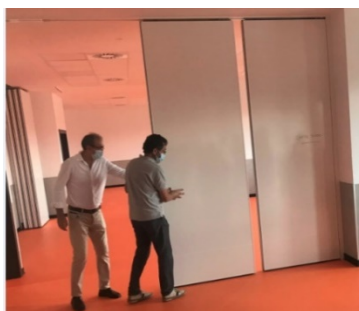
Another channel of dissemination has been the data sheet of the information system of co-financed projects, collected on the Ministry's website, included in the single web portal of the Management Authority, which collects the general data of the project, the co-financing of the ERDF, the cost and even images of it.



## The action incorporates innovative elements

With the construction of this building it is possible to provide the town of La Fresneda with a newly built center that has meant radically improving the conditions of schooling for students and the teaching and educational possibilities in their activity by having a new building with the most advanced regulations and all the spaces and facilities necessary for a “new generation” educational center.

One of the most innovative aspects of the project is the existence of classrooms without fixed walls. This allows them to be adapted to the needs of each moment in the use of the available surface due to its grouping possibilities through mobile partitions. These large spaces are compatible with a variety of teaching and learning media, in which the actors of the educational process can share, meet, work as a team and create. The building aims to be a regional benchmark as an educational space, generating more flexible and dynamic spaces, more appropriate to the transformations that society is experiencing.



It is also innovative that the IES has been built under the premises of sustainability, with the incorporation of three different types of measures: passive ones, such as orientation and solar protection; the envelope ones, such as the ventilated façade, the high reflectance roof or the carpentry with triple glazing; and the active ones, made up of LED lighting, water saving systems or temperatura sensors.

The building has a triple A energy rating and almost zero energy consumption (EECN) and has the four-leaf GREEN certification granted by GBCe Spain (Green Building Council), being the first educational building in the country to achieve it.

#### **Adequacy of the results obtained to the established objectives**

The primary objective carried out by the Ministry of Education with investments in infrastructure and equipment for secondary education is to promote equity in access to education and quality by extending and improving the network of public educational centers; facilitate learning by providing the necessary facilities and equipment and reduce the environmental impact of educational centers and improve energy efficiency.



In addition, equity in access to education is promoted by creating a new public educational center whose location, close to the residential area of the target students, facilitates pedestrian access to it. And adequate facilities and equipment are provided to students and teachers to facilitate learning, thus improving the quality of education.

### **Contribution to the resolution of a regional problem or weakness**

This new infrastructure aims to respond to the need to provide quality secondary education services in La Fresneda, the third largest urban center in the municipality of Siero, which is the fourth largest municipality of the region by population. In addition, the beneficiary students of the new facilities will be able to access them on foot or by bicycle, avoiding their displacement, by other means of transport to the localities of the municipality where, until now, the educational service has been provided.



### **High degree of coverage of the target population**

The number of direct beneficiaries of this project is 540, which corresponds to secondary and high school students who can use this educational center each school year. Likewise, teachers, administrative and service school's staff and the families of these students are also beneficiaries.



It should be noted that the town of La Fresneda, located in Oviedo metropolitan area, has a population of 4.500 inhabitants (2021 data). It is one of the main population centers of the municipality of Siero, which has 51.600 inhabitants.



## **Consideration of the horizontal criteria of equal opportunities and environmental sustainability**

The design of the building is configured as accesible and adapted, which allows people who have their mobility and communication reduced, to access and circulate in the terms provided in its specific regulations.

On the other hand, it is in line with the gender perspective, contributing to improve the quality of women, allowing the proximity of the services prevailing over dispersion and distance which facilitates the conciliation of family responsabilites with the development of women's professional work.



Likewise, in the construction of this building, its integration into the environment and the criteria of environmental sustainability have been taken into account. It has been conceived and developed under the premises of sustainable building established by the methodology of a GREEN certification (GBC Spain).

This has meant the incorporation of passive measures in the geometry of the building (compactness, orientation, solar protection, etc.) and in the envelope (ventilated façade, insulation, high-reflectance roof, triple-glazed carpentry, etc.). And active measures in the efficiency of the facilities' equipment (LED lighting, water saving systems, temperatura and air quality sensors). This has made it posible to obtain a TRIPLE A rating for CO<sub>2</sub> emissions, non-renewable primary energy consumption and heating demand.

### **Synergies with other policies or instruments of public intervention**

This action is complemented by other investments carried out by the Principality of Asturias in Siero, and comes to suppose, in general, a considerable improvement in the lives of the citizens and, in particular, an opportunity to promote the economic development of this area.

Specifically, this construction allows for an open, safe and highly energy-efficient building, which is consistent with the Spanish Strategy for Climate Change and Clean Energy, Horizon 2007-2012-2020 and with the National Energy Action Plan Renewables in Spain 2011-2020, approved within the framework of the European Directive on Renewable Energies.



The synergies with the European Strategy for Adaptation to Climate Change are also very clear, as it is action aligned with the objectives established in Horizon 2020 for the whole of the EU: reduce greenhouse gas emissions by 20% with compared to 1990 and ensure that 20% of total energy consumption comes from renewable energies.

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