

Una manera de hacer Europa



BUENAS PRÁCTICAS

Actuaciones Cofinanciadas

Energy rehabilitation plan for municipal buildings:
Old Courts and City Hall.
EDUSI Cieza 2025 Integrating City

**Programa Operativo
Plurirregional de España**

Año 2022

Fondo Europeo de Desarrollo Regional

GOOD PRACTICE REPORT, CITY COUNCIL OF CIEZA. ENERGY REHABILITATION PLAN FOR MUNICIPAL BUILDINGS: OLD COURTS AND CITY HALL.

The City Council of Cieza presents as a good practice the energy rehabilitation of two municipal buildings in Cieza, the Old Courts and the Town Hall, as part of the EDUSI Cieza 2025 Integrating City, 80% co-financed by the European Regional Development Fund (FEDER), through the Plurirregional Operational Program of Spain 2014-2020.

The action consisted of developing an energy rehabilitation plan for municipally owned buildings, affecting not only the building envelope, but also the interior lighting, ventilation and air conditioning systems. As requirements, the buildings had to be dedicated to intense administrative use and have very high energy consumption. Specifically, the actions that are presented in this document as good practices have consisted of the energetic rehabilitation of the buildings of the old courts of Cieza and the Town Hall.



Photo of the Town Hall building



Photo of the building of the Old Courts

The energy consumption of some public buildings in Cieza is very high, which produces significant carbon emissions. In addition, in the analysis carried out within the framework of the EDUSI Cieza 2025 Integrating City, the dispersion of municipal services, buildings and infrastructures throughout the city was detected, with some buildings in the municipal building stock being very old and energy inefficient.

One of the strategic objectives of this EDUSI has been the implementation of the Action Plan for Sustainable Energy. To this end, the potential for energy savings and reduction of emissions in infrastructures and public buildings has been taken into account. By reducing the energy demand in publicly owned buildings and increasing the use of renewable resources, it is intended, among other things, to reduce Greenhouse Gas (GHG) emissions and contribute, in the urban area, to the objective of the National Energy Efficiency Action Plan 2014-2020.

The rehabilitation of the two municipal buildings included in this good practice has had a total budget of €510,241.10, with **the FEDER contribution being €408,192.88**. It is part of a broader operation called "Plan for the energy rehabilitation of municipal buildings", which has a total budget of €1,000,000 and includes the energy rehabilitation of a third municipally owned building, the Cultural Center "Géneros de Punto". The objective of this action is to favor the transition to a low carbon economy in all sectors.

WHY THIS ACTION IS CONSIDERED A GOOD PRACTICE

1.- The action has been properly disseminated among the beneficiaries, potential beneficiaries and the general public.

The dissemination, that has been carried out in relation to the energy rehabilitation of the buildings of the Town Hall and the Old Courts, has been extensive among the beneficiaries and has complied with what was included in the approved communication study.

In relation to **regulatory communication**, it has been published in the contract profile within the State Contracting Platform that the actions are part of the EDUSI and are 80% co-financed by the ERDF within the Plurirregional Operational Program of Spain 2014-2020. The contracts have also been published on the EDUSI Cieza 2025 Integrating City website.

Rehabilitation of Town hall [Public Sector Procurement Platform \(contrataciondelestado.es\)](https://contrataciondelestado.es)
Rehabilitation of Old Courts [Public Sector Procurement Platform](https://contrataciondelestado.es)

[List of EDUSI co-financed contracts](#)

Likewise, a permanent plaque has been placed at the entrance of each of the intervened buildings, at the end of the works.



In relation to the **complementary communication**, various publications have been made in the local and regional **press**:

- Murcia.com: <https://acortar.link/N T yReF>
- Murcia.com: <https://acortar.link/301fsJ>
- Siyasa Chronicles : <https://acortar.link/2bEpOL>
- Siyasa Chronicles : <https://acortar.link/IU1IsK>

Publications have also been made on the municipal website of the City Council:

- Cieza.es: <https://acortar.link/GR74Op>
- Cieza.es: <https://acortar.link/uSfs6G>

Mupis have been designed too and have been placed in some TOTEMS built with recycling material, specifically, pallets, which were installed during the months that the works lasted in the surroundings of the rehabilitated buildings.



Finally, a video has also been produced collecting the impact of the actions and the impressions of the public:

[Municipal Buildings Energy Rehabilitation Plan - YouTube](#)

2. The action incorporates innovative elements

The innovation provided by this action has a double component. One is functional, since it reverses a habitual process in recent years in the whole country, of construction of new buildings for the provision of public services; taking advantage, in this case, of the rehabilitation of existing buildings and grouping public services that were dispersed in various edifications, allowing citizens to optimize and improve their relationship with public administration.

The other component is of a purely constructive nature, since the rehabilitation of these old buildings has been carried out following energy efficiency criteria. The measures have included insulation of opaque enclosures, replacement of glass carpentry with others with low emissivity, incorporating efficient carpentry, replacement of ventilation and air conditioning systems with others with a high energy classification (A) and installation of renewable energy systems. In addition, it is the first time that comprehensive energy renovation actions have been carried out in municipal buildings.



3. Adequacy of the results obtained to the established objectives.

The action pursues the reduction of greenhouse gases, for which previous energy audits were carried out in the intervened buildings.

These audits marked the necessary actions to improve at least one letter in the energy rating of the properties, and have been assumed in the basic project that has governed the energy rehabilitation works of the buildings, so their results will accomplish the objectives set before in these audits.



This action supposes a great impact on the citizenship, mainly in the rehabilitation of the building of the Old Courts, underutilized until the moment of its rehabilitation.

In addition, the action has an exemplary function for the general public, which may have as a

reference the rehabilitation of municipal buildings to apply it in private properties.

4. Contribution to the resolution of a problem or weakness detected in the territorial scope of execution.

As already mentioned, the energy consumption in municipal public buildings was very high, what implied a high production of carbon dioxide emissions. In addition, municipal services, buildings and infrastructures present a high degree of dispersion, which, added to the potential for energy savings and emission reduction existing in infrastructures and public buildings, made it necessary to develop an energy rehabilitation plan, producing, at least one letter improvement in the building's energy rating.

On the other hand, these buildings are historical buildings whose construction characteristics, carpentry, insulation, etc. do not present energy efficiency criteria. In the same way, they are buildings with a great load of administrative work with attention to the public, which until now provided unpleasant places for both municipal staff and citizens.

5. High degree of coverage of the target population.

Currently, the Old Courts building houses the registry, urban planning, inspection, statistics, register, collection, cadastre, tax management and one-stop services. Therefore, all the citizens of Cieza will benefit from being able to carry out the main procedures with the Local Administration in a single building.

Taking into account the data from the INE (National Institute of Statistics), which for the year 2021 registered the population of Cieza at 35,301¹, we can conclude that the degree of coverage of this action in the municipality is very high.

6. Consideration of the horizontal criteria of equal opportunities and non-discrimination, as well as social responsibility and environmental sustainability.

This action mainly contemplates the horizontal principle of sustainable development and the transversal objective of mitigation and adaptation to climate change, since its principal aim is the decrease of carbon emissions into the atmosphere by reducing the energy consumption of municipal buildings.

In addition, the buildings contemplate criteria of equal opportunities and non-discrimination, as they are located near several parking lots for people with reduced mobility. They also have greater accessibility through wider streets.

Regarding social responsibility, it is noteworthy that the centralization of public services in a single building (Old Courts) is intended to make life easier for citizens, especially focused on those people with limited mobility.

7. Synergies with other public intervention policies or instruments.

The actions have been carried out in buildings on which energy audits have previously been carried out, through the implementation of unique local actions to promote energy efficiency linked to the Fuensanta Project of the Elena initiative of the European Investment Bank (EIB), developed by the Development Institute of the Region of Murcia.

¹<https://www.ine.es/jaxiT3/Datos.htm?t=2883>

The City Council, in its commitment to the energy efficiency of its municipal buildings, has continued its energy rehabilitation plan with the renovation of the building of “Géneros de Punto“ Cultural Center, an action that has also been co-financed with the FEDER within the operation "Rehabilitation Program energy of municipal buildings”.



In the buildings of the Town Hall and the Old Courts, ICT infrastructures and services have also been carried out for the implementation and consolidation of electronic administration through actions framed in the OT2 of the EDUSI Cieza 2025 Integrative City, for which they have developed parallel but complementary actions that will help achieve a more efficient public administration.

In addition, the Cieza City Council has been a partner in the Compete4SECAP project, whose objectives include the implementation of an energy management system in municipal buildings based on the ISO 50001:2018 standard. Among the selected buildings for this system is the building of the Town Hall.

With this project, energy management has been incorporated into the usual practices on buildings and a documentary structure of the Energy Management System has been created, which consists of a management manual, procedures and registration of consumptions.

In this way, the energy rehabilitation of municipal buildings is complemented by their daily use, which causes an increase in the improvement of energy efficiency with the consequent energy savings and reduction of CO2 emissions.

Una manera de hacer Europa



BUENAS PRÁCTICAS

Actuaciones Cofinanciadas

Fondo Europeo de Desarrollo Regional