



European Energy Network

The voluntary network of European Energy Agencies - at the heart of the clean energy transition

Name and Country of EⁿR Member

IDAE- Spain



Name of Project/Programme & Link to website

Energy Efficient Building Renovation.

<https://www.youtube.com/watch?v=1hIfcGmnXVg>

Description of Project

The action in the neighbourhood of La Txantrea involves improving the energy efficiency of 77 social housing buildings (homeowners' associations), in which actions were carried out involving their thermal envelopes that resulted in improvements to their roofs, facades, floors and windows. A total of 1,524 homes have been renovated applying energy efficiency criteria.

It features two innovative components: on the one hand, the holistic approach of the management of home energy renovation services, which involved citizens, authorities, professionals and agents that participated in the renovation of the buildings; and on the other hand, the performance of the work in a way that was least bothersome to the buildings' occupants and did not require them to relocate them for the duration of the work.

The local residents were guided throughout the process of their buildings renovation journey, as both the technical and social aspects were covered, to help them in every phase of the process. A "one stop shop office" (Efidistrict) was opened in the neighbourhood in order to advise residents on possible technical solutions, to help to process the grants and help them as well with the provision of financing. This office remains open to this day, supporting new energy efficiency initiatives in the neighbourhood.

Aim/Expected Impact of Project

The project is being developed in two phases. During the first phase 23 buildings were renovated, and the eligible cost was Euro 9,695,773, with an ERDF grant of Euro 4,721,817, which resulted in financial savings in energy consumption of €254,880/year, and avoiding emissions of 804 tCO₂/year. Currently, the second phase is still taking place, which implies the renovation of 54 buildings.

Involvement of the Agency and Link to the EU Green Deal

Renovation wave

IDAE has been designated, by the Ministry of Finance, Intermediary Body for the management of the funds which are part of the Operational Programme for Sustainable Growth, specifically for thematic objective 4 (TO4), of the European Regional Development Fund (ERDF). IDAE, therefore, is responsible for the definition and management of the grants co-financed by the ERDF whose main objective is to encourage the transition to a low carbon emission economy in all sectors.