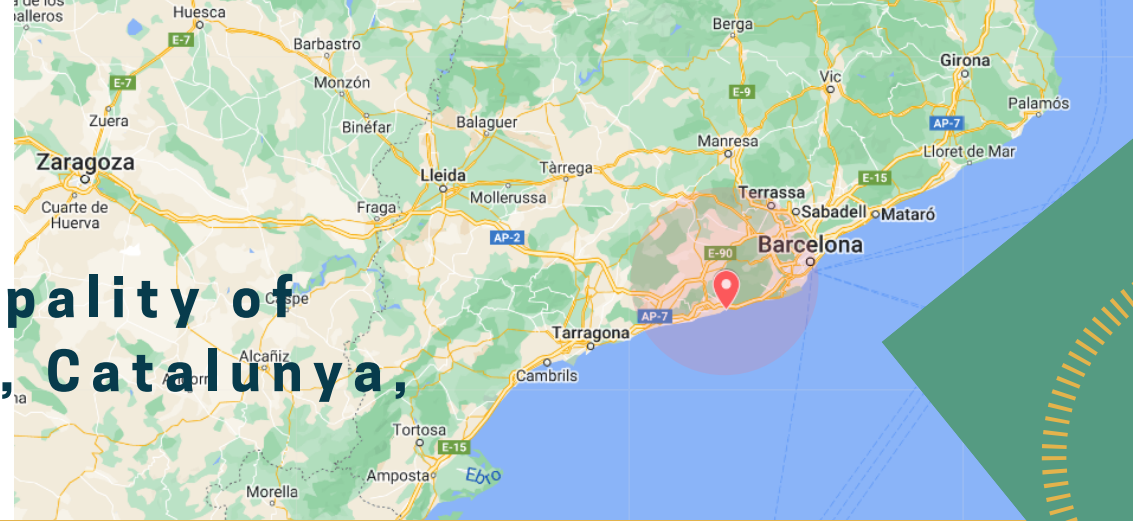


Technical Assistance to Tackle Energy Poverty in Sitges



Municipality of Sitges, Catalunya, Spain



Collaboration between

Social Services Delegation and Sustainability Department of the City Council of Sitges

Energy poverty phase



Diagnosis



Planning

Intervention type



Data analysis



Communication and awareness



Capacity building

Professionals involved

Members of local government
Technicians / Social workers

Sustainable development goals

1 NO POVERTY



3 GOOD HEALTH AND WELL-BEING



7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



17 PARTNERSHIPS FOR THE GOALS



Sitges has 30 217 inhabitants. In the old town and the adjacent neighborhood most families live in old households built in the 1950s which use mainly a gas boiler during the winter and air conditioning in the summer. Sitges City Council has done 10 interventions in vulnerable homes for 3 consecutive years. The main actions were energy audits and social diagnosis, installation of low-cost energy efficiency elements, support for procedures to request tariff changes and training of users in efficient consumption habits.

Despite having implemented corrective measures to avoid energy outages to families in vulnerable situations, there is no systematization of the knowledge about energy poverty. The City Council of Sitges wants through the technical assistance to develop a diagnosis of the energy poverty in the municipality and locate the families affected.

The objective will then be to create an energy community that ensures access to renewable and sustainable energy to vulnerable families.

The energy poverty diagnosis will include a mapping that would show where energy poverty is concentrated, its characteristics, as well as a layer that facilitates the linking of families in a situation of energy poverty to a shared self-consumption photovoltaic production installation (500m distance). A roadmap to tackle energy poverty will be elaborated and indicators and measures shall be included in the Sustainable Energy and Climate Action Plan (SECAP). Finally, the technical assistance shall foresee training and knowledge transfer to the municipal workers.