

# Energy Renovation of Buildings Programme, Spain



## Description of the programme

- Public programme that aims to promote deep energy renovation actions on any type of building.
- Three typology of actions: thermal envelope, thermal facilities and lighting systems.
- Improvement of thermal facilities include replacement of conventional power with solar, geothermal power or air-conditioning.
- Actions of the projects must improve the total energy rating of the building by at least 1 letter with respect to the initial energy rating of the building.
- Beneficiaries are holders and owners of all types of residential and other tertiary uses buildings.
- Two aid modalities: direct grant and loan.
- Actions can range from € 30,000 to € 4 million.

## Critical success factors

- **Continuity:** IDAE designs and coordinates the programme since 2013.
- The obligation of increasing at **least 1 letter the energy rating** ensures energy efficiency renovation.
- **Combination of EE and RES** increases the results of the renovation.

## Innovation

Different levels of aid intensity depending on whether the actions fulfill the following characteristics:

- Increase of more than one level in **the energy rating** of the building, or reach the A or B rating.
- **Integrated actions** that combine the implementation of different types of measures. Thermal envelope has to be one of the combined actions.
- Residential **social buildings** or in buildings located in areas under Urban Regeneration and Renovation.

# Outcomes



## Key achievements

- 4 calls with 766 M€ total budget
- More than 4.500 buildings renovated
- The programme has mobilised 990 M€ of investment.
- Most of the applications approved correspond to actions on the building envelope, mainly in buildings aged 40 to 60 years, as well as to homeowners' communities, in a range of 90% or more.

## Lesson learned

Faulty submitted applications consume more time for the evaluation team, resulting in delays in the projects resolution that have to be resolved on a first-come first-serve basis.

Dissemination sessions, support documents as well as the continuity in the program, has allowed to improve the quality of the submitted applications.

## Changes you would make in the future

### Detected barriers:

- Eligible cost doesn't include fees, taxes and VAT.
- For having the guarantee 20% of the financed amount is needed.

## Replicating your approach

- Important to have a depth knowledge of the main features of the building sector.
- Design different levels of aid intensity according to the building sector and the objectives sought.
- Design a flexible on-line application tool for managing the programme.

# Further information



## Final comments

Buildings represents 30% of the final energy consumption in Spain and this programme is an effective measure for the improvement of the energy consumption in this sector, having positive results in buildings aged 40 to 60.

In fact, the interest raised by this programme led to the depletion of funds in the second call named PAREER-CRECE, exceeding the planned budget by 35%.

On the other hand, renovation programmes have positive effects on health, economy and energy poverty.

## Further information

- [www.idae.es](http://www.idae.es)
- [www.idae.es/ayudas-y-financiacion/para-la-rehabilitacion-de-edificios/programa-pre-rehabilitacion-energetica-de](http://www.idae.es/ayudas-y-financiacion/para-la-rehabilitacion-de-edificios/programa-pre-rehabilitacion-energetica-de)
- <https://www.odyssee-mure.eu/publications/policy-brief/spanish-building-retrofitting-energy-efficiency-odyssee-mure.pdf>

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