



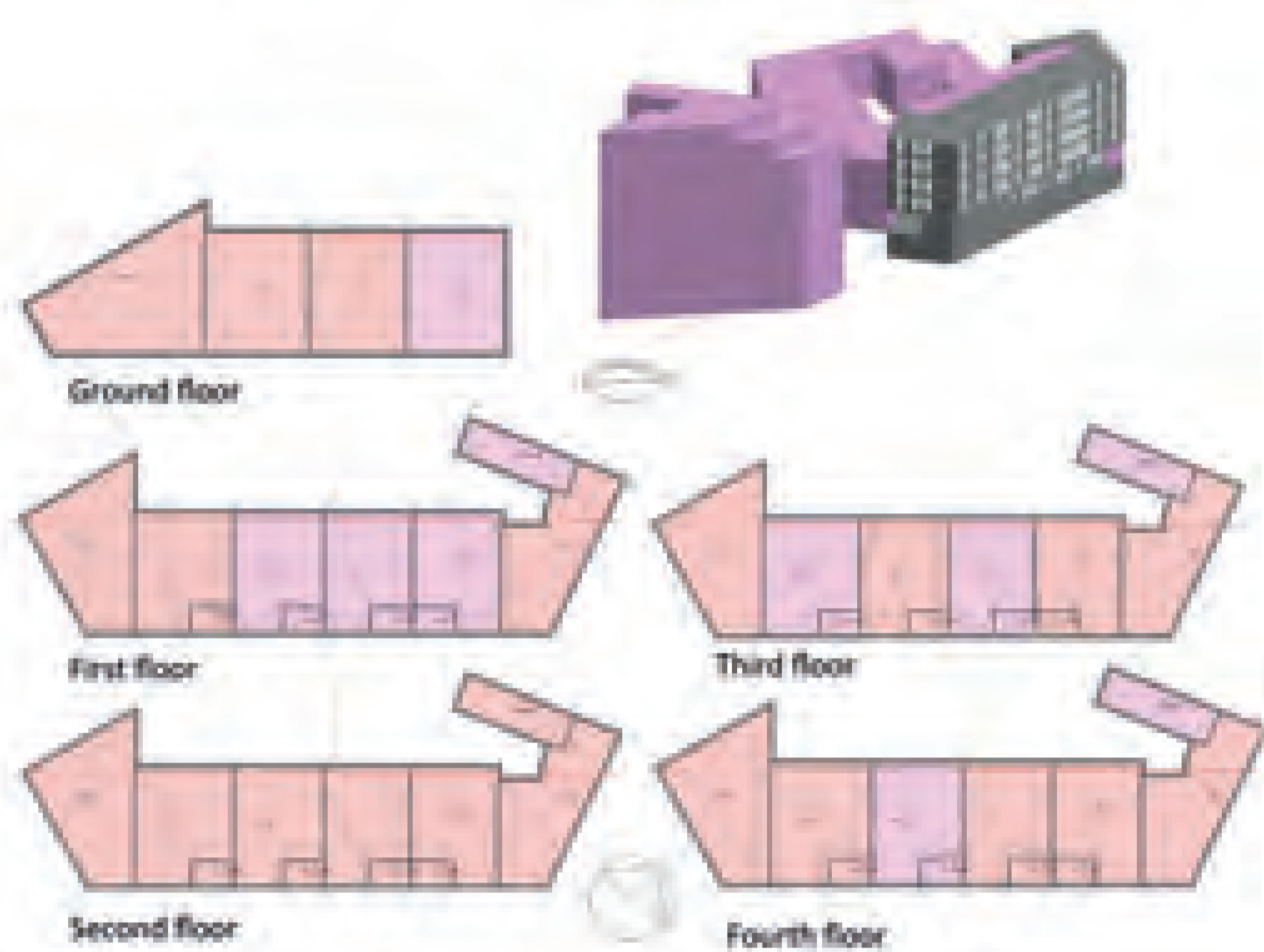
# RELS (Rénovation Énergétique de LogementS) project: implementation of the multicriteria model in the Catalan pilot projects

## Pilot project 1- Barcelone, Catalonia

### Description

Address: c/ St. Adrià 33-35, Barcelone.

Isolated building with 27 social rental dwellings, of 42-51m<sup>2</sup> surface area. Construction works ended 2007.



The measures contained in the scenario to implement within the renovation works are:

- Optimisation of the solar thermal system
- Installation of a photovoltaic system
- Energy advice actions for changing the energy-using behaviours of households

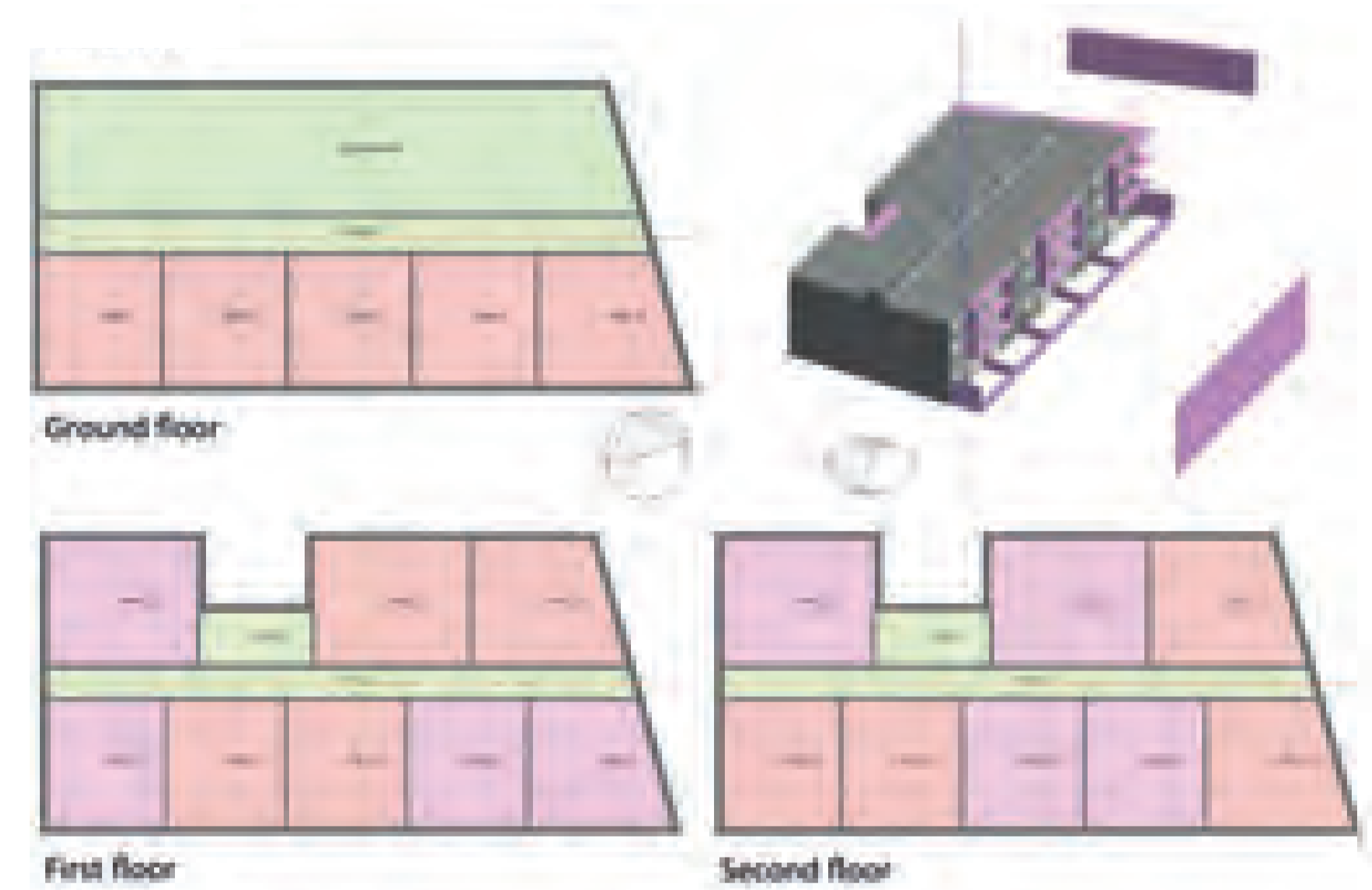
The maximum investment expected is 80.525,5 EUR, VAT included.

## Pilot project 2- Taradell, Catalonia

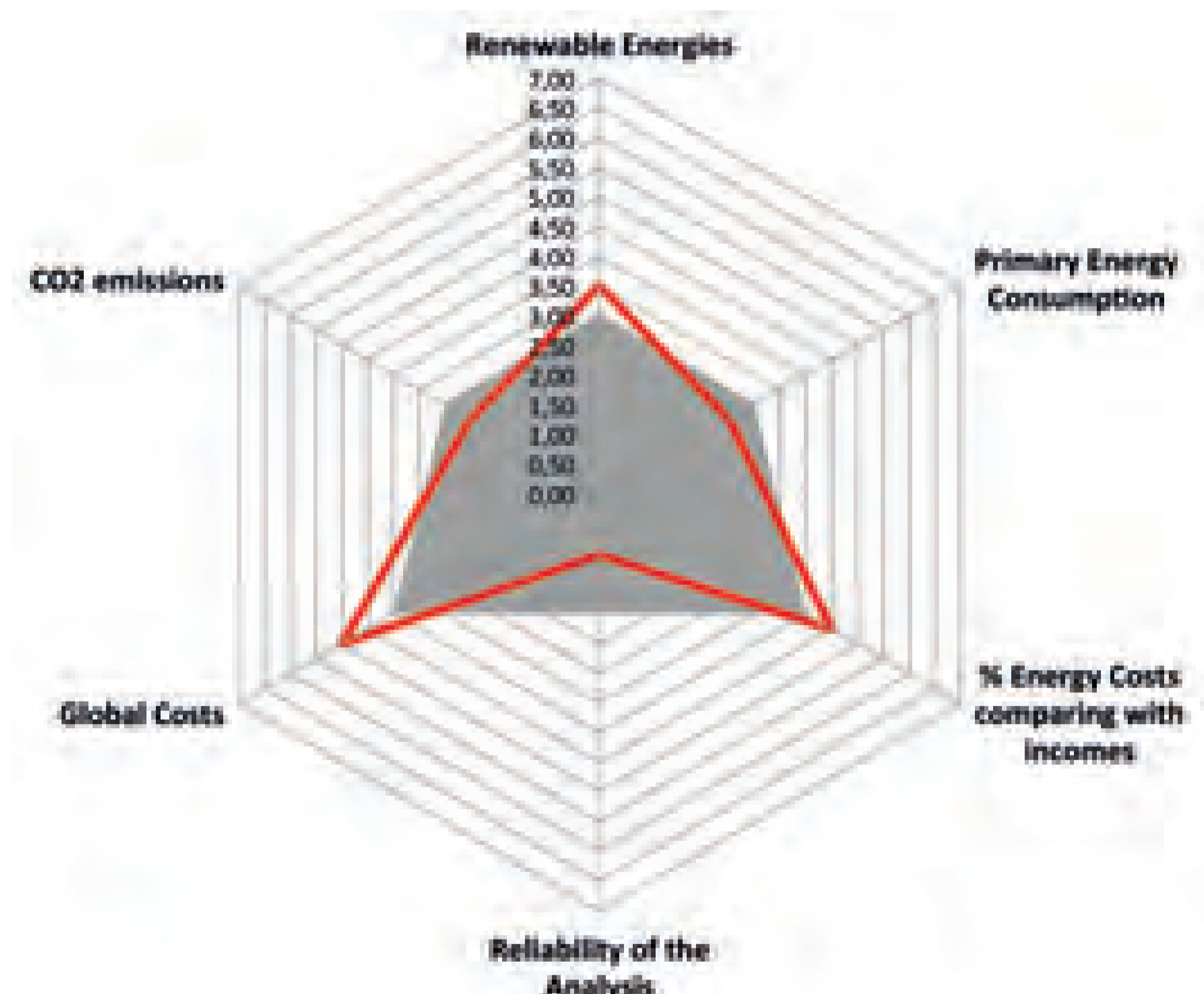
### Description

Address: passeig del Pujoló 1, Taradell.

Building with 3 isolated façades, with 21 social rental dwellings, of 37-48m<sup>2</sup> surface area. Construction works ended 2003.



Through the analysis of the multicriteria model, the following results and improvements are expected:



The measures contained in the scenario to implement within the renovation works are:

- Optimisation of the insulation
- Optimisation of the solar thermal system
- Dubbing windows
- Installation of a photovoltaic system
- Improving management and use of dwellings
- Energy advice actions for changing the energy-using behaviours of households

The maximum investment planned is 346.095,03 EUR, VAT included.

