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rafael.sanchez.villardon@acciona.com Acciona Ingeniería Residential retrofit assessment platform and demonstrations for near zero energy and CO2 emissions with optimum cost, health, comfort and environmental quality

The building sector is responsible for 36% of the total CO2 emissions in the European Unio

35% of the buildings are over 50 years old and almost 75% of buildings are energy inefficient

## **RETROFIT INTERVENTION + ReCO2ST TECHNOLOGY**

ReCO2ST is focused on residential building renovations, with the aim of achieving the targets relevant to energy efficiency and to secure healthy and comfortable living conditions, at a near-zero energy level.

A modular and adaptable refurbishment process that offers holistic solutions covering cost & time efficiency, NZEB energy efficiency with the implementation of innovative technologies, improved human health and comfort and clean environment.

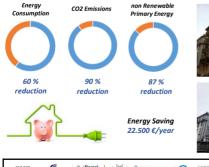


## **DEMONSTRATION CASES**

ACCIONA coordinates the demonstration sites, four residential buildings, located in different european cities : London (United Kingdom), Cadiz (Spain), Vevey (Switzerland) and Frederikshavn (Denmark).

Each of the four residential buildings has different construction characteristics and different geo-climatic conditions

## **EVALUATION OF THE RESULTS**









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