



EU 6th Framework Programme:

Design and Management Options for improving the energy performance of Housing – DEMOHOUSE

Project no. TREN/04/FP6EN/S07.35744/503186

www.demohouse.net

The aim of the DEMOHOUSE project is to develop minimum standards and recommendations in connection to healthy, cost effective, energy efficient and sustainable rehabilitation of dwellings and to come to an understanding on actual quality agreements in this field.

It is aimed in the project to initiate important quality oriented R&D activities, which will be tested in connection to real renovation projects. In fact, these are "full size prototype" tests, concerning eco-rehabilitation and best available retrofitting techniques, which can be monitored in a realistic environment and improved before implementing the developed technologies on a larger, European scale.

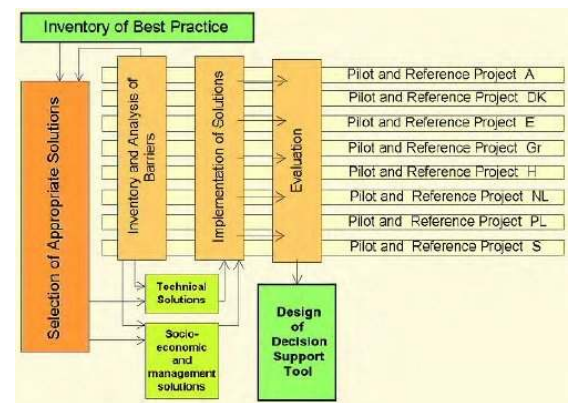
Per participating country a Pilot project and a Reference project have been defined. The Pilot project is the actual demonstration project, where the recommendations of the investigations and research are implemented. The Reference project is a housing complex that has recently been renovated (or which is in the process of renovation) according to the usual local standards.

Based on the state of the art within and outside the country concerned, solutions will be proposed. The selected solutions will be implemented in the Pilot projects.

Per country the selected Pilot project and Reference project will be

analysed and compared on possibilities for improving the performance. The analysis is based on a well-defined evaluation protocol, using existing simulation and calculation tools, monitoring data and measurements.

Also new management approaches and new financing models will be developed and demonstrated. These management approaches will assess the sustainability aspect of future maintenance measures, whilst new financing models will help to ease implementation of energy efficiency measures in renovation processes.



Participating Countries and Demonstration Buildings

