



EUROPEAN
COMMISSION



Innovative and cost-effective energy efficiency technologies for the achievement of very low energy new buildings

The EU-funded DIRECTION project aims at the creation of a framework of demonstration and dissemination of very innovative and cost-effective energy efficiency technologies for the achievement of very low energy new buildings. This framework is based on three pillars:

- Analysis of suitable energy efficiency technologies (technical and economic viability)
- Demonstration activity deployed in three new buildings across Europe
- Dissemination at European Level

Three new buildings will be used as pilots, deploying in each one a set of very innovative measures, constructive elements for energy optimization, high efficient equipment and advanced energy management. All the above allows to enhance the overall energy efficiency of the building in order to achieve consumption (primary energy) below **60 kWh/m²*yr.**

As result, it is expected an important impact in the building sector, particularly in new buildings, in the following four main areas:

- Energy: Drastic energy consumption reduction (more than 50 %)
- Environment: Significant CO₂ emissions reduction (more than 60 %)
- Building sector business: Encouraging a mass market for very low energy new buildings
- European policies: Contributing to boost the implementation of standards and regulations

PROJECT LINK: www.direction-fp7.eu