

BE PLUS



efficiencyJobs⁺



INTERNATIONAL TRAINING

REINFORCEMENT OF KEY PROFESSIONAL SKILLS FOR EMPLOYMENT
IN CONSTRUCTION SECTOR RELATED PROFESSIONS

PROJECT COORDINATOR



PROJECT PARTNERS



ecoversum



ENERGY EFFICIENCY IN BUILDINGS

Project: 2013-1-ES1-LEO05-66818-AN

www.encyjobs.eu

An international reference European project aimed
at improving energy efficiency in buildings

INTRODUCTION

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This project entitled “**Efficiency Jobs**” is being developed within the framework of the “**Leonardo da Vinci - Lifelong Learning Programme**” of the **European Union**, aimed at reinforcing the skills of workers and the unemployed in professions linked to the Construction Sector (bricklaying and masonry, electricity, plumbing, HVAC, and other professions), in the context of the new EC regulation on the “**Energy certification of buildings**” and in service of employment.

One of the action lines provides for the **training of workers and the unemployed** of this sector, based on proprietary training materials produced within the framework of the Project. These materials transfer the outcomes and experiences of two innovation projects on an international scale within the scope of the European Union “Life” and “Intelligent Energy for Europe” projects.

MAIN AIM OF THE PROJECT

To reinforce key employment skills for employment in traditional professional profiles related to the construction sector, under the provisions of new Directive 2010/31/EU on the “Energy efficiency of buildings”.

The theoretical training process will be backed up by access to a “virtual interactive laboratory”.

TYPES OF TRAINING AND STARTING DATE

Free training

Attendance Certificate

Methods: Online.
Face to Face.

Registration and further information:
spain@efficiencyjobs.eu



A **PLUS** FOR YOUR
PROFESSIONAL
IMPROVEMENT

WHO IS THE PILOT TRAINING COURSE AIMED AT?

Since the project aims to benefit the employability and professional advancement of those working in the target sector, the training is aimed primarily at:

- **THE UNEMPLOYED** linked to traditional professions related to the construction sector (electricians, plumbers, bricklayers and masons, HVAC installers, etc.).

- **CURRENTLY SELF-EMPLOYED AND SALARIED WORKERS** of the construction sector and related professions.

The programme will cover the following subject matters:

- +** **Module 1.** Towards lower energy consumption and greater energy efficiency.
- +** **Module 2.** Regulatory framework. How and by whom is energy efficiency regulated?
- +** **Module 3.** Conditions and requirements for energy saving in buildings.
- +** **Module 4.** Learning to build energy-efficiently.
- +** **Module 5.** Legal requirements of energy efficiency in the professional construction sector, for the application of energy efficiency measures in the fields of:
 - **Building envelope (Bricklaying, masonry and insulation)**
 - **Construction related fields (carpentry, painting and others)**
 - **Electricity**
 - **Heating plant installers**
 - **HVAC and ACS**
- +** **Module 6.** Energy efficiency measures in the same key fields as in the previous module.
- +** **Module 7.** Energy certification and energy management systems.

- +** **Module 8.** Virtual Laboratory. Practical examples of studied matters.

After taking part in this training action, professionals will have acquired further knowledge and skills related not only to their specialty field but also to aspects of professions that are closely interrelated to their own, in a context of an integrated training course on energy efficiency.

MAIN PROFESSIONAL AREAS AND PROFILES OF THOSE FOR WHOM THE TRAINING IS INTENDED

Building envelope and related elements

- Bricklayers and masons
- Insulation installers
- Carpenters (wood, aluminium, PVC, etc.)
- Painters, decorators, etc.

Technical installations

- Electricians (including installers of photovoltaic solar and building automation systems)
- Heating installations
 - Heating plant installers: boilers, biomass, geothermal, solar thermal...
 - HVAC installers
 - Plumbers, sanitary hot water installers, etc.



ENERGY EFFICIENCY IN BUILDINGS

