Energy training for builders
An initiative to boost the energy skills of Europe’s building workforce

CROSKILLS, BUILD UP Skills Croatia
EC funded project, CIP IEE
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Project duration: 18 months
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INSTITUTIONS THAT SUPPORT THE PROJECT CROSKILLS
- Republic of Croatia, Ministry of Economy
- Republic of Croatia, Ministry of Entrepreneurship and Crafts
- Republic of Croatia, Ministry of Environment and Nature Protection
- Republic of Croatia, Ministry of Science, Education and Sports
- Agency for Vocational Education and Adult Learning (ASOO)
- Environmental Protection and Energy Efficiency Fund
- Croatian Chamber of Commerce, Industry and Technology Department
- City of Zagreb
- Croatian Chamber of Civil Engineers (HKIG)
- Trade Union of Construction Industry of Croatia (SGH)
- REGEA – Regional Energy Agency Northwest Croatia
- Building & Construction Technical High School, Zagreb
- Rudjer Boskovic Technical School in Zagreb
- Saint Gobain Isover Croatia Ltd.
- Tehnika Inc.
- DOOR – Society for Sustainable Development Design
- Croatian Association of Facade Thermal Insulation Systems (HUPFAS)
- Croatian Society for Infrared Thermography (HUICT)
- Association of PVC Joinery Manufacturers
Project Objectives

THE MAIN GOAL:
• To define and quantify the needs and possibilities of the Croatian building sectors in contributing to the achievement of ambitious national energy efficiency (EE) targets.

ESSENTIAL:
• Creation of the workforce with sufficient knowledge or specialisation in the construction of nearly zero-energy buildings
• Legislative and policy measures need to be developed to trigger market evaluation of the qualified workforce.

In order to contribute to achieving the ambitious national EE targets, project CROSKILLS intends to:
• Analyse the national status quo
• Develop a national roadmap for establishing a system of continuous energy efficiency education of building workers
• Assure an endorsement of the national roadmap and thus a system of market evaluation of qualified workforce.

RESULTS:
• Practical knowledge of specialized on-site workers facilitates an increased implementation of energy efficiency (EE) and renewable energy sources (RES) in the construction sector daily practices.
• Quality control of a nearly zero-energy building construction process enforced by authorities, professionals and investors.
• Knowledge guarantees high quality work performance

EU POLICY—DIRECTIVES:

EU and Croatian experience shows
• The lack of qualified building sector workers in energy efficient retrofitting and construction.
• The lack of institutional specialised-education schemes and weak market demand for low-energy buildings.
• The lack of national discussion among the relevant stakeholders on the needs and possibilities about building sector workers

A change in the business-as-usual way of thinking is required, thus a change of professional qualification of workers on the market

WORK PACKAGES:
• Management
• Analysis of the national status quo
• National qualification platform
• Elaboration of the national roadmap
• Endorsement activities
• EU Exchange Activities

Project motivation & Enforcement

Buildings have a large potential in reduction of energy consumption.

Building sector can greatly contribute to achievement of EU’s and Croatia’s 20-20-20 targets until 2020.

BUILD UP Skills

New strategic initiative under the Intelligent Energy Europe (IEE) programme to boost continuing or further education and training of craftsmen and other on-site construction workers and systems installers in the building sector.

BUILD UP Skills Initiative contributes to the European Commission targets through
• Commission’s ‘Europe 2020’ strategy — Resource-efficient Europe
• An Agenda for new skills and jobs

It enhances the interaction with existing structures and financing instruments:
• European Social Fund
• Lifelong Learning Programme

EU Activities
• EU Exchange
  • In-depth exchange and learning between representatives of 30 European Countries
  • challenges, findings, best practices, common ways forward.
• Peer Review Activities
  • Croatia, Greece, Macedonia
  • Support among countries during the project

EU Activities
• Publications
  • Project results

www.buildupskills.eu

Relevant stakeholders

Representatives of all relevant national and regional players,
• government authorities
• expert institutions in the education
• building and energy sectors
• professional associations and chambers
• representatives of the construction industry
• producers and installers of building products and equipment
• craftsmen
• potential financing bodies