BUILD UP Skills Croatia
CROSKILLS

Energy training for builders

IEE/12/BWI/457/SI2.623227
Project duration: 18 months
Starting date: 7th June 2012

Slides created on 2nd October 2012
Minutiae

Coordinator:
University of Zagreb, Faculty of Civil Engineering

Project coordinator:
Prof. Ivana Banjad Pečur, PhD.

Address:
Fra Andrije Kačića Miošića 26
HR – 10000 Zagreb

Email:
banjadi@grad.hr

Phone:
+385-1-4639-162
**Partners**

- University of Zagreb, Faculty of Civil Engineering  
  Fra Andrije Kačića Miošića 26, HR-10000 Zagreb

- Ministry of Construction and Physical Planning  
  Ulica Republike Austrije 20, HR-10000 Zagreb

- Regional Environmental Center  
  Ferde Livadića 35, HR-10000 Zagreb

- Croatian Chamber of Trades and Crafts  
  Ilica 49/II, p.p.166, HR-10000 Zagreb

- School of Building and Crafts  
  Športska 1, HR-40000 Čakovec

- University of Zagreb, Faculty of Architecture  
  Fra Andrije Kačića Miošića 26, HR-10000 Zagreb

- Knauf Insulation Ltd.  
  Varaždinska 140, HR-42220 Novi Marof

- United Nations Development Programme Croatia  
  Radnička 41/8, HR-10000 Zagreb
Letters of support

- 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:

- Define and quantify the needs and possibilities of the Croatian building sectors in contributing to the achievement of ambitious national energy efficiency (EE) targets.
- Creation of the workforce with sufficient knowledge or specialization in the construction of nearly zero-energy buildings.
- Legislative and policy measures need to be developed to trigger market evaluation of the qualified workforce.
Project motivation:

- EU policy
  - directives: EPBD, EPBD II
  - 20-20-20 targets until 2020
- Lack of qualified building sector workers in energy efficient retrofitting and construction
- Lack of institutional specialized education schemes
- Weak market demand for low-energy buildings
- Lack of national discussion among the relevant stakeholders on the needs and possibilities about building sector workers
Methodology

• Determination of the actual situation among the future users
  • Status quo Analysis

• National qualification platform
  • establishment of group of relevant stakeholders in each sector that can contribute to promotion and development of the Roadmap

• National roadmap consultation process

• Roadmap endorsement
  • by identified stakeholders and institutions
Flow chart of the project

WP1 – Project management and visibility

Publishing results and deliverables

WP2 – STARTING POINTS: Status quo analysis

Feedback

WP5 – Endorsement activities: SUSTAINABILITY

WP4 – Roadmap development STRATEGIC DIRECTIONS

WP3 – National Qualification Platform – CONTACTS, NETWORKING & CONSULTATIONS –

WP6 – EU Exchange Activities

Cooperation

EXPERTISE / EXPERIENCE / NETWORKS

IMPACT & SUSTAINABILITY

2-way feedback
Stakeholders collaboration

- Consultation process of developing of the Roadmap requires and actively contribute to the participation of stakeholders from all sectors
  - gathering information, national workshops, focus groups, lobbying, final conference...
- Capacity and willingness of key institutions to implement of the Roadmap
  - quality feedback during the development of the Roadmap are necessary to respond the real needs and match the capacities
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!**
Thank You for Your kind attention!