



European
Commission

BUILD UP Skills Croatia CROSKILLS

Goals of the "National analysis status quo":

- defining and quantifying needs and possibilities of Croatian building sector
- finding the existing level of knowledge in building sector concerning the EE technologies
- checking the possibilities of vocational training in educating the staff in the building sector
- defining the deficiencies which should be bypassed in the building sector

The results of the Status quo analysis:

- Number of workers in building construction - 31 540
- Estimation of workers needed for realization of 2020 goals - 37 600
- Number of people entering the market after their primary education - 6564/annually
- Required number of trainers needed to obtain 2020 goals - 250

Most important barriers:

- 70% of the workers don't have the necessary (or none) training concerning construction/renovation of energy efficient buildings
- introducing the changes into the educational system is very slow
- defining the curriculum of the EE contents in vocational schools which should be coordinated with the curriculums in the sector

Measures from the National Roadmap:

• General measures

Top priority: The education and lifelong learning cycle of existing skilled workers in EE and RES
Other: Developing a marketing plan for the popularization of the construction-related occupations

• Legislative measures

Top priority: The public procurement system - green public procurement: the obligation to use licensed workers
Other: Certification / licensing of construction workers after training (licensing of individuals)

• Technical measures

Top priority: *Plan* continuous training for construction workers for construction of nearly zero energy buildings and the renovation of existing buildings for the purpose of EE
Other: Training of Trainers (secondary school teachers and experts in the construction industry)

• Other measures

Top priority: Revise and implement curricula in secondary schools for occupations related to the renovation and construction in the energy efficiency and renewable energy
Other: Prescribe quality control within the energy efficiency during the execution of the works and prior to the issuance of the use permit

NATIONAL
STATUS QUO
ANALYSIS
(February
2013)

NATIONAL
QUALIFICATION
PLATFORM

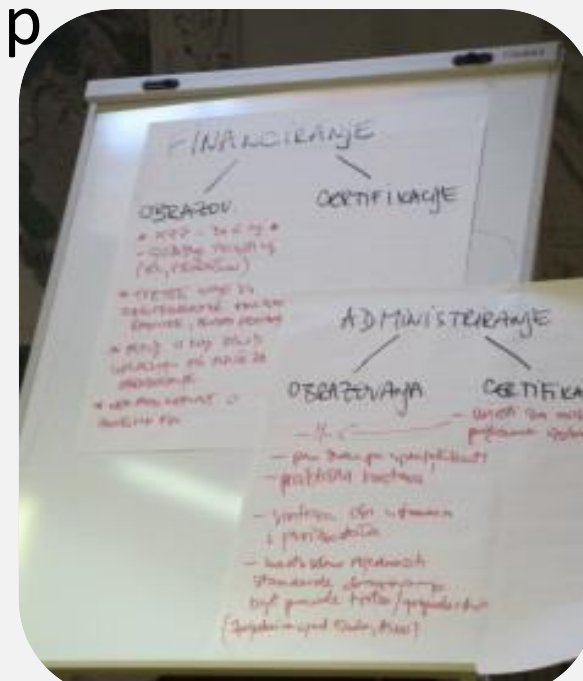
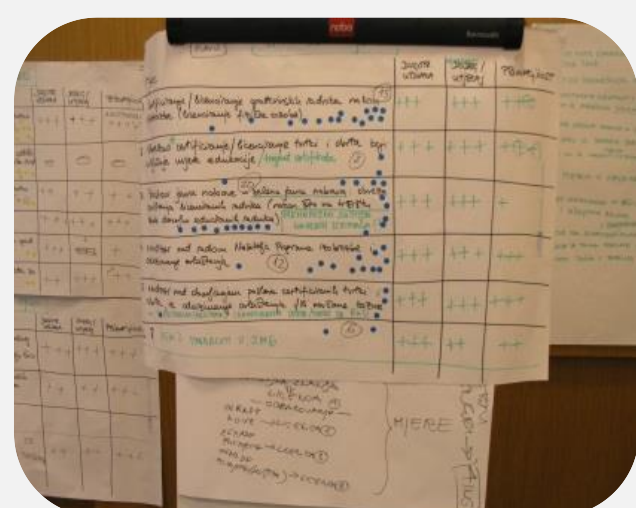
NATIONAL
ROADMAP
(June 2013)

INSTITUTIONS
SUPPORTING
ROADMAP

Gathering and facilitation of the representative workgroups of participants from educational, building and energy sectors - 64 participants from 51 organization

Meetings of the National Qualification platform:

- Meeting - February 2013. presenting the National Status quo analysis
- Meeting - June 2013. presenting the results from meetings (5 meetings) of the focus groups, action planning of given measures according to the needed steps
- Meeting - November 2013. Endorsement
- Meeting - November 2013 - final presentation of the Roadmap



- 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
- City of Koprivnica
- Croatian Chamber of Economy - Sector for Construction and Communal Economy
- Croatian Employment Institute
- Croatia Green Building Council
- Croatian Association of Facade Thermal Insulation Systems (HUPFAS)
- Building Managers association
- Croatian Society for Infrared Thermography (HUICT)
- Croatian Association of Court Expert Witnesses
- Vocational School Vice Vlatković Zadar
- Construction and Technical School Rijeka
- Croatian employers' Association
- Tehnika d.d.
- School of Building and Crafts Čakovec
- Croatian Chamber of Trades and Crafts

GENERAL MEASURES	
GM - 1	Education and continuous lifelong learning of existing skilled workers (skilled) in EE and RES
GM - 2	Developing a marketing plan for CROSKILLS project to popularize the construction professions
GM - 3	Training and continuous lifelong learning of existing unskilled workers (unskilled) in EE and RES
GM - 4	Launching an info campaign on a national level on energy renovation and supply of licensed workers and certified company in the field of EE
GM - 5	Retraining and continuous lifelong learning unemployed and employed workers in energy efficiency and renewable energy
GM - 6	Development of CROSKILLS project's Marketing Plan for continuous training of workers
GM - 7	The establishment of administrative structures
GM - 8	Introducing the employers with the ability to use the Law on State Aid for Education and training

LEGISLATIVE MEASURES	
LM - 1	The public procurement system - green public procurement: Obligation to use the licensed workers (after having the market with sufficiently educated workers), and mechanisms for the protection of local contractors
LM - 2	Certification / licensing of construction workers after training
LM - 3	Supervision over the work of Training Programme Holder and seizure of authorization
LM - 4	Supervision over the conduct of certified companies and trades; seizure of authority and / or financial penalties
LM - 5	Licensing of companies and trades involving terms of education / durability certification, record / register of licensed trades and businesses for energy efficiency and renewable energy

TECHNICAL MEASURES	
TM - 1	Education and continuous lifelong learning of existing skilled workers (skilled) in EE and RES
TM - 2	Developing a marketing plan for CROSKILLS project to popularize the construction professions
TM - 3	Training and continuous lifelong learning of existing unskilled workers (unskilled) in EE and RES
TM - 4	Launching an info campaign on a national level on energy renovation and supply of licensed workers and certified company in the field of EE
TM - 5	Retraining and continuous lifelong learning unemployed and employed workers in energy efficiency and renewable energy
TM - 6	Development of CROSKILLS project's Marketing Plan for continuous training of workers
TM - 7	The establishment of administrative structures

OTHER MEASURES (not directly connected with continuing education)	
OM - 1	Education and continuous lifelong learning of existing skilled workers (skilled) in EE and RES
OM - 2	Developing a marketing plan for CROSKILLS project to popularize the construction professions
OM - 3	Training and continuous lifelong learning of existing unskilled workers (unskilled) in EE and RES
OM - 4	Launching an info campaign on a national level on energy renovation and supply of licensed workers and certified company in the field of EE
OM - 5	Retraining and continuous lifelong learning unemployed and employed workers in energy efficiency and renewable energy
OM - 6	Development of CROSKILLS project's Marketing Plan for continuous training of workers
OM - 7	The establishment of administrative structures