CROS-KILLS, BUILD UP Skills Croatia

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National roadmap for a lifelong learning of construction workers in the field of energy efficiency

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Analysing the construction sector

METHODOLOGY:
The analyses of the VET system and the knowledge of construction workers have been performed by:

- official databases, national studies and strategic documents and action plans and analyses
- the questionnaires answered by construction workers,
- the questionnaires answered by the persons employed at the educational institutions offering VET curricula (teachers, instructors, principals)

RESULT OF ANALYSIS:

- 80% of the existing residential buildings fall into the worst energy classes.
- The skills necessary for quality execution of low-energy buildings are very rare among construction workers.
- As to the four- and three-year courses of VET education amount 8% of all secondary school students enrolled per a year.
- Vocational high schools for construction workers and schools for adult education are not especially oriented on energy efficiency and renewable sources as a part of their curricula.
- 7% of craftsmen deal exclusively with the implementation of EE technologies according to the questionnaires.

Currently there are no lifelong educational programmes or schemes for workers concerning the work on improving energy specifications of buildings.

84% respondents stated that they wanted additional training to a certain extent and become specialized in the field of energy efficiency technologies in building construction.

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7% of craftsmen schools for adult education.

Vocational high schools for construction workers and teachers, principals.


8% of all secondary school students enrolled per a year.

Another rare 3% of buildings in the public sector.

Education and lifelong education of the existing qualified (Q) workers in the fields of EE and RES.

Workout of the CROSKILLS marketing plan for the purpose of popularization of the construction jobs.

Training and lifelong education of the existing unqualified (UQ) workers in the fields of EE and RES.

Commencing an info campaign at the national level with the purpose of promoting EE refurbishment of buildings and the offer of licensed workers and certified companies in the realm of EE.

Retraining and lifelong education as to EE and RES for both unemployed and employed construction workers.

Workout of the CROSKILLS marketing plan for the purpose of a lifelong education for workers.

Establishing the administrative structure.

Informing the employers with the possibility of use of the Croatian Act on Subsidies.

Making the plan of a lifelong education for workers that are to construct nearly zero-energy buildings and refurbish the existing ones in terms of EE.

Training of experts that will train and educate construction workers (Training of trainers).

Establishing the Registry of Educated Workers that is to be accessible to a wider public; updating the Registry, taking evidence on lifelong education.

Including the construction products manufacturers into the process of educating construction workers.

Finding financing sources and a systematization of the financial structure for educating labour force for the purpose of attaining the national EE objectives.

Upgrading the process of practical work/practical segments of educational courses performed at the manufacturers' plants, building site or school workshops.

A continuous monitoring of needs for qualified labour force, special skills and vocations needed for fulfilling the EE plan.

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