Skills sector alliances for transfer of knowledge and skills of VET workforce in construction

Project duration: Nov 2016 - Oct 2019

Presenter: Valentina Kuzma - CCIS CCBMIS (Slovenia), 31 May 2017, EASME event, Rotterdam

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The unanimous view that construction is **crucially important for Europe**

**Skills shortages (deficit)** have to be tackled

The **digital transformation** will enable the sector to better respond to new market requirements and to strengthen its international competitiveness

**Vocational training have to evolve quickly**, in order to adapt to modern developments, on the basis of closer cooperation of construction businesses and training professionals

...
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4th EQF level sectoral skills...
Project’s SKILLCO purpose and aim

1. to identify sectoral skill needs, gaps and lack in the construction sector in EU (focus on DE, HUN, SLO); field & desk research

2. to fill the identified sectoral skill gaps by creation of curriculum units (Module A) for pupils and training courses for employees (Module B) for 4 common sectoral skills needs (one green, one vanishing, 2 others ...), evaluation with EQAVET indicators

3. to develop new app and video content as supporting (didactic) tool for 2 Modules

4. to test Module A (for pupils) and Module B (for employees) in 3 EU countries

5. to permanently integrate the curriculum units (module A) into VET education and training systems in project participating countries and throughout Europe

6. to offer prepared Module B free of charge to employers/VET centres/VET schools to (up)/(re) skill the employees in the construction sector
**Project research methodology**

**A 2.1** - Overview of existing findings data in knowledge sources on sources for construction EQF level 4 (CEDEFOP, ESCO, CIF, CITB, ...); *Status report on findings*

**A 2.2** - 2 national focus groups (FG) in 3 EU countries for skills gaps identification, questionnaire on skills gaps for employers and ex-pupils from VET schools/centers; *Report on findings*

**1st FG**

**2nd FG**

**A 2.3** - Interviewing of companies’ key staff and on site monitoring and recording of skills (interview with 3 construction companies per project country (3); *Interview analysis*

**A 2.4** - Creation of general document of findings and research results with recommendations for curriculum learning units design (Module A) and training course (Module B) and final selection of 4 common sectoral skills; *General document of research results of WP with selected tackled sectoral skills*
Identified fields of missing skills in construction 4EQF level

1. **Social skills**: client / investor / contractor relationship; relationship between different contractors; knowing of roles and jurisdictions; business culture; transfer of information; the way we communicate and the use of communication technology

2. **Literacy**: Understanding of construction schedule and sequence of construction works and reading / understanding of project documentation, preparing time plans.

3. **Numeracy**: cost calculation, expenditure forecasts in construction for group of work or small objects

4. **Green skills**: Energy efficient construction: reuse of industrial / construction waste material, recycling; new materials and technology; energy efficient installations; wood construction.

5. **Occupational Safety and Health (OSH)**: safe use of potentially harmfull materials (RCS, asbestos); measurements for prevention of muscosceletal disorders; basics of ergonomics

6. **ICT**: use of ICT on construction site; use of ICT technology for construction works.

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Selected 4 tackled skills in the construction sector:
→ decided on PP meeting in Hungary, June 2017

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Development of special (sectoral) App SKILLCO

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Development of content for special project App SKILLCO

Next project preparation tasks before implementation in year 2017:

1. Selection of didactic methods (videoclips with explanation text, photos for good & bad practice, real-life dialogues, scenario based by VET trainers and teacher, multiple choice questionnaire, mini serious game, Q&A etc.) method is not selected yet

2. Preparation of content for selected didactic method

3. Organization of terrain or lab project videoproduction, photoshooting etc.

4. Production of project training content for 4 selected common skills (for sure green skills: valuable vanishing skills, ...)

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Key project outputs

1. Development of sectoral (custom made) 2 Modules (A and B), integration of tested Modules in the national/regional VET curricula,

2. Development of a specific mobile app for support training modules by enabling access to different video clips, photos, audio clips, documents and texts by trainees (pupils, employees),

3. Establishment of non-formal new sectoral Alliance on advanced VET in construction by PPs and representatives from all interested target groups upon the end of the project lifetime.

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More info

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Official web-site: www.skillco.eu
project leaflet, 2 types of project newsletters every 6 months

EC Erasmus+ results web platform:
http://ec.europa.eu/programmes/erasmus-plus/projects/eplus-project-details-page/?nodeRef=workspace://SpacesStore/de2d691b-54e9-43b6-b6df-11944fee4be0

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Thank you!