



# SKILLCO

## 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



Co-funded by the  
Erasmus+ Programme  
of the European Union



## A Commission vision for construction, 14/4/2016, DG GROW

- 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

...





# SKILLCO 4<sup>th</sup> EQF level sectoral skills ...



Co-funded by the  
Erasmus+ Programme  
of the European Union





## 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**



SKILLCO



# 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 harmful materials (RCS, asbestos); measurements for prevention of musculoskeletal disorders; basics of ergonomics
6. **ICT:** use of ICT on construction site; use of ICT technology for construction works.



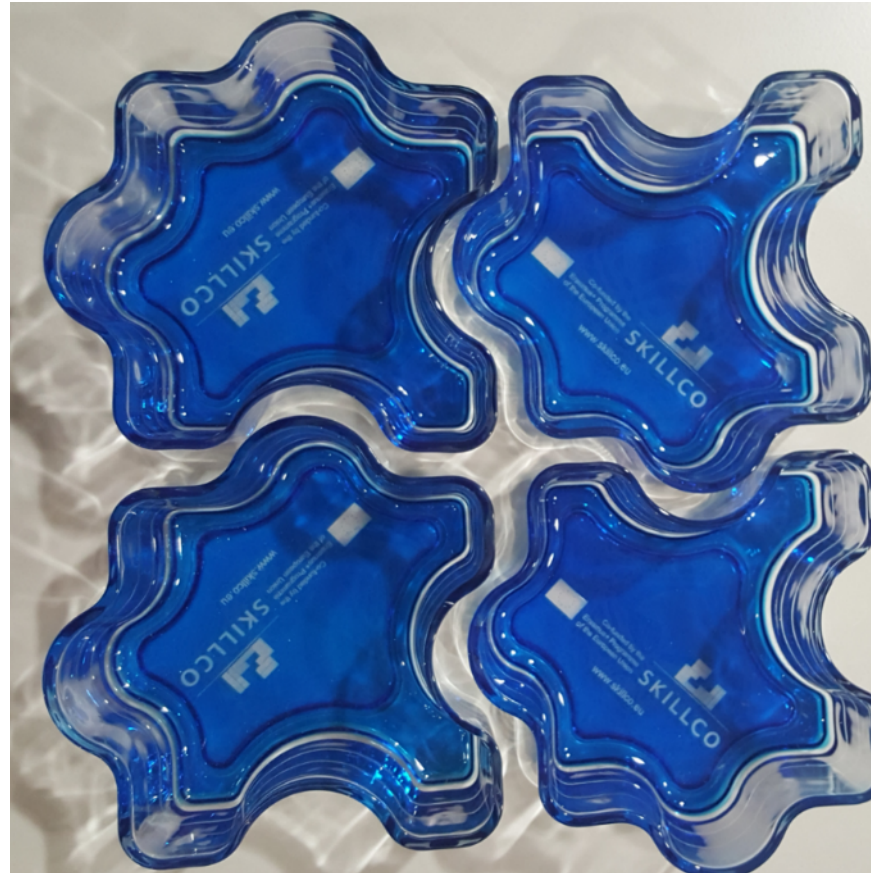
Selected 4 tackled skills in the construction sector:  
→ decided on PP meeting in Hungary, June 2017

1 ?

2 ?

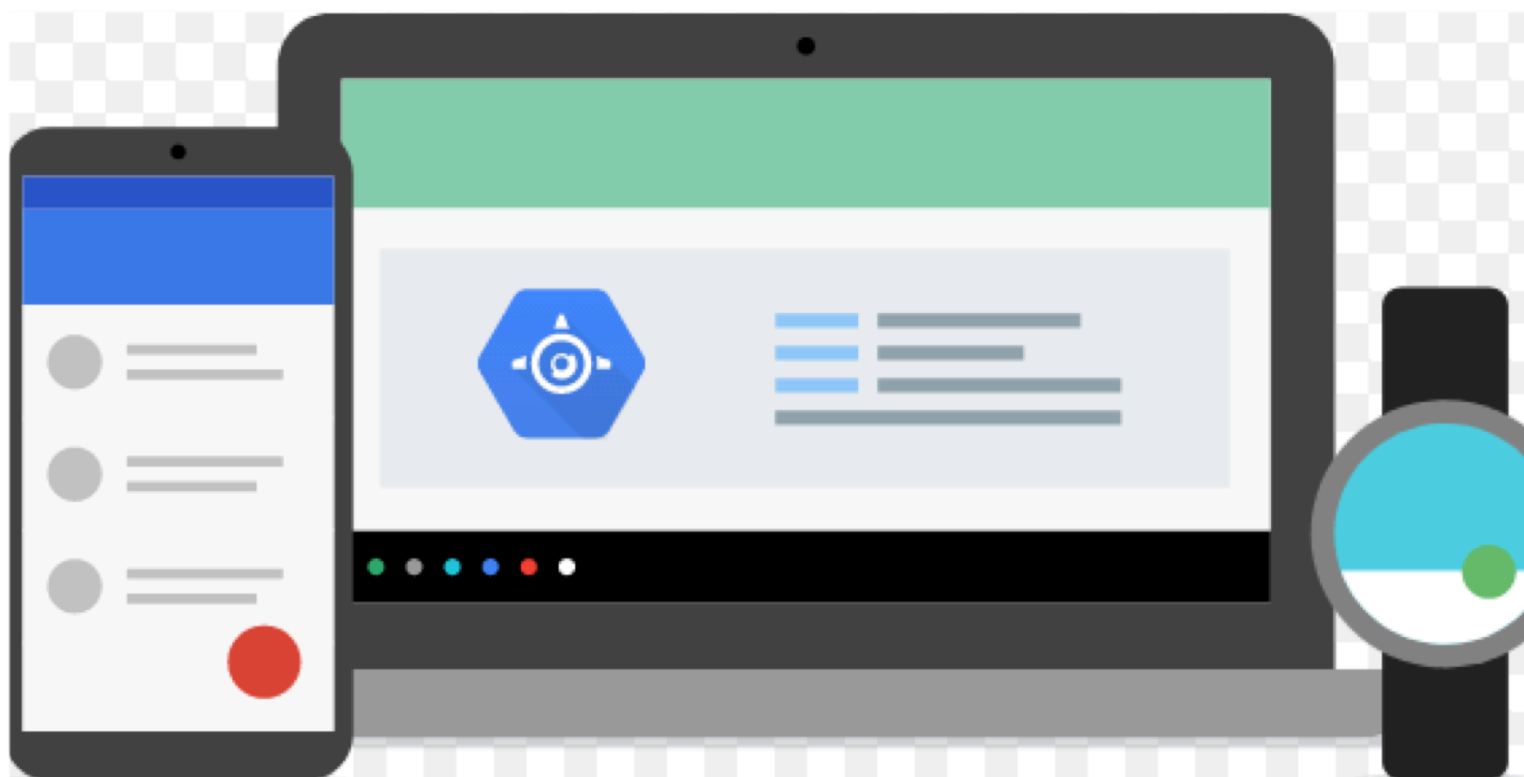
3 ?

4 ?





## Development of special (sectoral) App SKILLCO





# 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, ...)



## 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.





## More info

Contact project manager: e [valentina.kuzma@gzs.si](mailto:valentina.kuzma@gzs.si), t + 386 1 5898 246

Official web-site:

[www.skillco.eu](http://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>

Thank you!



Institute  
of the Republic of Slovenia  
for Vocational Education  
and Training

