



Funded by the  
Erasmus+ Programme  
of the European Union



# WinAPP Newsletter

July 2018

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## Info about WinAPP project

WinAPP is abbreviation for **Work process oriented, interactively enhanced and APP supported learning and training in construction VET in Europe.**

### Work process orientation VET

**Work process orientation (WPO)** is one of the key factors in construction VET, which among others decides upon the success of an individual in the labour market. The better entire (holistic) work processes are understood by skilled workers, the better worker and company fit together. The degree of work process orientation (or action orientation) as a pedagogic-didactic method in the initial vocational education and training (VET) on secondary level varies in a massive way in Europe.

### What are the expected intellectual outputs and other benefits of the project?

Four intellectual outputs are expected:

- ⇒ a survey about work process orientation in Europe
- ⇒ APP content: development of digital media based work process orientation in VET
- ⇒ design and applying a testing structure
- ⇒ including activities which should lead to an effective feedback with target groups to have the best possible output at the end of the project.

Nevertheless, we expect some more general results, among others:

- ⇒ extending the digital media competence of all involved VET centre partners
- ⇒ job enrichment for the involved staff (VET-trainers) of the project partners
- ⇒ increased management skills of the involved partners
- ⇒ increasing the attractiveness of the branch

- ⇒ increasing the attractiveness of VET-centres related to companies and apprentices.

The project started in October 2016 and will end in September 2018. Outcomes are expected to be used widely by VET staff (especially teachers teaching practical courses) across Europe after the project end.

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### FOR MORE INFORMATION

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**BZB**

Bildungszentren des  
Baugewerbes e.V.

# Slovenian Project Info Day in Ljubljana

The WinAPP presentation in Slovenia in the Chamber of Commerce and Industry of Slovenia attracted in 14<sup>th</sup> March 2018 more than 130 people, representatives of a variety of stakeholders from the construction VET sphere. The agenda was very attractive and obviously teaching tools are always welcome to be presented; if accompanied by foreign experiences even more!



The systematic approach (included in the German dual system) for guiding VET staff was presented and created examples for masonry, tiling and road works. The final result will be special and freely available by the WinAPP app.

The new WinAPP is planned to be issued in autumn 2018 and is available for free for interested target groups. The new mobile application will help to plan the practical part of vocational training. Work process oriented, interactively enhanced and APP supported learning and training in construction VET in Europe is developed to support mainly target groups such as VET teachers and trainers across Europe. VET trainees (apprentices) can use this new mobile app also, a special version of the application will be available for them. The application is conceived as semi static, with some fixed contents and possibilities to upload additional contents related to specific construction works presented in specific (selected) EU languages.

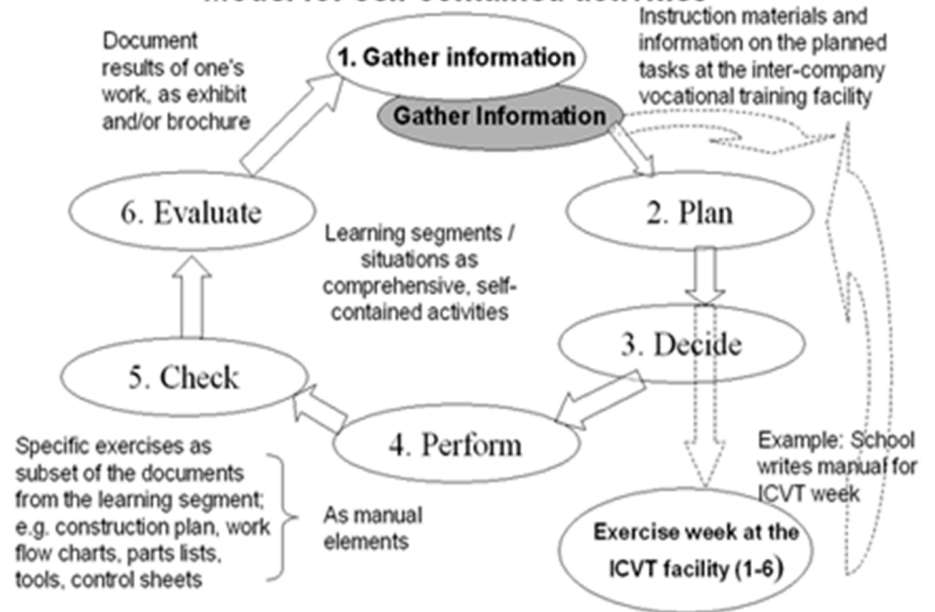
The German model by Prof. Uhe & Meyser ([Handelnd Lernen in der Bauwirtschaft, Berlin, 2006](#)) is still the method of choice in the VET of the construction sector in Germany. It was developed among others

by the promoter of WinAPP and is distributed by Christiani-Verlag. This model is one of the most differentiated and the most work process oriented content conveying method in Europe. Additionally German **six-step work process-model** is also embedded in the German Dual System, which is widely demanded in other European countries to compete on the transnational labour market and providing their workforce with better chances to attract a company working contract and thus lower unemployment rates.

This holistic methodologic approach gets even more important not only in Germany but beyond, because VET and any preparing measures for becoming construction worker is oriented towards working processes, assignment processes and business processes in the wider sense. A more intense awareness of these single steps helps apprentices at an early stage of their professional career to cope with the necessities of the future oriented method of Building Information Modelling (BIM), in which all steps in the working process have to be documented etc.



## Model for self-contained activities



# The Process of Elaboration of WinAPP Results

## PROJECT MEETINGS

Via 6 project meetings 2 days long each the consortium committed to develop and achieve best WinAPP results within 2 years. The meetings took place across Europe:

- VILNIUS Nov 2016
- MADRID March 2017
- VICENZA October 2017
- HEEREEN January 2018
- LJUBLJANA June 2018
- DUESSELDORF Sept 2018

*The pleasant working atmosphere and excellent social network is a key factor for success of common expert work on EU projects. Afternoon sightseeing tour after the 5th PPs meeting in Ljubljana to the city castle in June 2018 was relaxing.*



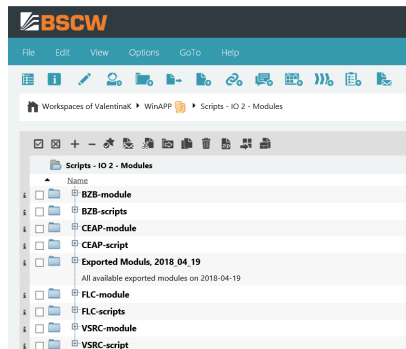
*The 3rd PPs Meeting in Vicenza was intense due to mid project working period, Italy, October 2017.*



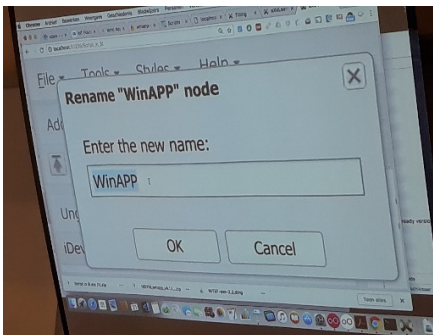
On the last meeting the BZB project partner will present the work done and make briefing of the project.

## THE PROJECT WORKING PLATFORM

For a successful project work, creation and modification of all project related contents and management of huge volume of the created WinAPP contents, the project consortium uses an online platform, the BSCW online project cloud:



The multi languages content (the scripts) for the new WinAPP app module was developed with the use of IT tool »exeLearning«.



## THE PROCESS OF DEVELOPMENT OF A NEW (PROJECT) FREE MOBILE APP

The new app developed by OUNL from the Netherlands will be issued in autumn 2018 and will be available in Google play web-store.

The APP-development will incorporate versions for apprentices and VET-trainers/teachers. The new form (APP) will cope with the need for updating the form of media and thus the acceptance to work with the contents and methods. Eventually this should contribute open new chances for young people to enter the labour market and lower youth unemployment rates.

Work process oriented, interactively enhanced and APP supported VET learning and training in construction in Europe is developed to support VET teachers and trainers in Europe.



The diagram in the screenshot illustrates the VET process orientation with the following steps:

1. Informing: Concerning the situation, resources, internal search, values, interests etc.
2. Planning: Development of a process or action plan.
3. Deciding: Identifying alternatives, particular decision for a process or work each.
4. Conducting: Operating the work to fulfil the task or to solve the problem.
5. Controlling: Identifying assessment, analysis.
6. Assessing: Concerning with resources, available potentials, for improvements.

# Upcoming Interesting WinAPP Events

The WinAPP project envisions multiplier events which will be realised/organized by partners with national and international participants in the respective countries.

## Next WinAPP multiplier events:

WinAPP German Project Info Day, 20-09-2018, Dusseldorf

WinAPP Spanish Project Info Day, 25-09-2018, Madrid

## Past WinAPP multiplier events:

WinAPP Italian Project Info Day, 13-08-2018, Vicenza

WinAPP Slovenian Project Info Day, 14-03-2018, Ljubljana

WinAPP Lithuanian Project Info Day, 22-03-2018, Vilnius

# Project Partners



*The project is funded by  
ERASMUS+ program.  
Project no. 2016-1-DE02-  
KA202-003258*

