

**INTELLECTUAL OUTPUT No 3
- SUMMARY**

**Didactic handbook and train
the trainer course**



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Promotion of WBL via Vocational Education Training Triangle

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Didactic handbook and train the trainer course

Summary of IO3

The third Intellectual output of the VETriangle project is the didactic handbook. It includes different training methods which are used in the different partner countries. The output includes training methods which combine theoretical and practical contents as well as some which are used for conducting practical methods.

The output includes additional examples how different methods can be combined and which competences and skills are developed by them. Although the methods are always embedded in a specific context it is possible to adapt them to other learning contexts and systems.

The aim of the output is to provide trainers and instructors with new ideas and inspiration for innovative training. The third intellectual output provides trainers and instructors with examples of training methods and ideas for combining them in the context of work based learning. It focuses on the role of trainers and can also function as a manual for implementation of the methods.

The following methods are included in the output:

- Four steps method → The instructor acts as a role model, the apprentice imitates his actions. This method is suitable for training basic practical work processes which occur on a daily basis in the later work environment.
- Guiding text method → The guiding text method is focused on the learner and his individual approach to learning as a process.
- Ethazi → Ethazi is an interdisciplinary teaching and learning approach which includes a high level of individual learning and planning of processes for the learner. It is comparable to problem based learning approaches or project methods.
- Simulation → The example of simulation is used in a welding simulation example and uses robots.
- Digital class → This example includes broadcasting of lectures and classes.
- Face to face: Job market – vocational high schools → This method shall enhance the interest and the motivation of students and includes visits of profession experts who provide for practical examples.
- Do in company, tell at school → Students who already received some practical training at companies tell their classmates about it.
- Kotobank → A paying system which teaches students to handle their expenses.
- From virtual to reality → 3D-Design programmes and 3D-printing.



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GLOBAL IDEAS
P R O J E C T S



- Continuous training → Tutorial videos for web design and programming.
- Interactive car engine training → A touch screen is combined with a real engine. The student can learn practically, theoretically and interactively.
- Using mobile devices in training → Includes the development and modification of training contents for mobile devices (e.g. tutorial videos).
- Innovative lesson – video bridge → This method is used to combine training sessions at different locations and to share knowledge and information.

The third intellectual output of the VETriangle project provided for some interesting examples for training methods which can be combined or adapted to different contexts by external trainers. The variety of methods in the output included specific training methods for individual learning, methods which can be used in group learning and other learning contexts. The aim of the output is to provide trainers and instructors with new ideas for training methods and their combination to teach practical and theoretical contents according to the work-based learning approach and to link these two areas.

While some of the methods are only applicable in a specific context or for specific learning contexts and professions, others can be used in a lot of learning environments.



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