

**BZB**Bildungszentren des
Baugewerbes e.V.Funded by the
Erasmus+ Programme
of the European Union

NETconVET

Network for future innovation of major competences in vocational education and training (VET) in construction

The project is located in the context of VET in the construction branch mainly and to some extent in VET in general. The context is furthermore defined by the areas and scopes of works of the partners, i.e. VET in the narrow sense and implicit increase of the proper use of digital devices in VET and the use of them in the VET-centers themselves. Also the scientific approaches as well as the didactical methods introducing and further developing of work-based training (e.g. dual systems in VET). The context of transition phases in VET (in general and in particular in construction) defines the work program and the professional exchange of experience in this project.

The objectives are the professional exchange of experience concerning:

- Building Information Modelling (BIM) - reference: e.g. European Law on public procurement (2014/24/EU) but also specific national regulations
- Work-based learning - reference: e.g. the success of the German Dual System and how it can be improved (WinAPP project for digitalization of the method, 2016-1-DE02-KA202-003258) or how to adapt it in other countries (chance or risk); work-process orientation - pragmatic approach; Master BSR project results; ConstructyVET project results, etc.
- Digitalization in VET - reference: new key competence in context with the "Digital Competence Framework - DigComp 2.0"; what does this practically mean for VET and its stakeholders? The new trend of "seamless learning" - an approach for construction VET? Digital preparations of pupils; digital competences of teaching staff (VET-teachers, VET-trainers)
- Transition into, in and out of VET - e.g. results of the conference "Transitions to VET and the labor market - A joint effort by BIBB and Céreq to strengthen research at the European level" on 7th of Feb. 2017 in Brussels as impulses for the current exchange in NETconVET; transition school to VET; transition initial to further VET; transition VET to tertiary level and vice versa; responsibilities of all stakeholders.

Incorporating a state-of-the-art at the beginning, the consortium aims at understanding the conditions under which VET currently takes place in the countries and then finding practical and pragmatic approaches, how current and future necessities can be 1. defined and 2. coped with. Therefore the needs like how to implement BIM in an European approach in VET, how to adjust work-based learning in countries to a more market oriented form, how to cope with digitalization in VET on all stages (not only on the learners side) and eventually how thresholds in VET could be avoided or at least how previous records of individuals can be integrated are subject - among others - to this project.



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The target groups are:

for BIM: companies (mostly SMEs) and the entrepreneur, apprentices, company trainers, VET-trainers, VET-teachers, site management and middle-management staff in construction

for work-based learning: apprentices, VET-trainers, VET-centers, public authorities

for digitalization: VET-centers, VET-schools, companies, VET-trainers, VET-teachers, apprentices

for transition in VET: schools in general, VET-centers, companies, professionals, public authorities

The project is designed in an international process, because the mutual learning related to these major topics in (construction-) VET is appropriate to cope with the requirements of one of the most transborder-determined branches. The intense exchange and later on better understanding of country-specific determinations in VET lead to an easier consulting of customers in VET, i.e. mainly individuals. All these topics and issues are dedicated to improve the labor market access of individuals, the market figures and some key performance indicators in the construction branch in terms of quantity (better educated and trained individuals, higher output for companies, thus more taxes), quality (enrichment of VET, coping with modern contexts like digitalization and technical regulations, modernization of VET-centers) and eventually mobility due to more harmonized approach in some areas of VET.

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Project Manager and contact: Frank Bertelmann-Angenendt, frank.bertelmann@bzb.de

Partners:

- Vilnius Builders Training Centre, Vilnius, Lithuania
- Fundación Laboral de la Construcción, Madrid, Spain
- Open University, Heerlen, Netherlands
- Educational Research Institute, Warsaw, Poland
- Centre IFAPME; Liege, Belgium
- SATAEDU, Kokemäki, Finland
- European Builders Confederation, Brussels, Belgium