

**BZB**Bildungszentren des  
Baugewerbes e.V.

- Projekttitle:** **PROFESSION II** – Vorbeugender baulicher Brandschutz und Energieeinsparung: Nachhaltigkeit, Informationstechnik & Wirkung auf bauwirtschaftliche Bedarfe
- Fördermittelgeber:** Europäischen Programm für LebensLangesLernen /LLP  
- Leonardo da Vinci – Innovationstransferprojekt
- Projektnehmer:** **BZB**
- Partner:** Vilnius Builders Training Centre/Litauen, BFW der Bauindustrie NRW, GOA Infra/Niederlande, AIDICO/Spanien, IZODER/Türkei, Warrington Collegiate/Großbritannien
- Laufzeit:** 01.10.2010 - 30.09.2014

### Zusammenfassung

In den letzten Jahren haben viele neue Produkte und Verfahren in Bezug auf vorbeugenden baulichen Brandschutz und Energieeffizienz Einzug in den europäischen Markt gehalten. Dieses Projekt nimmt dies zum Anlass, internetbasierte und situationsbezogene bzw. handlungsorientierte Lerneinheiten für verschiedene Lernniveaus zu diesen Themen zu entwickeln: für Gesellen, Vorarbeiter, Werkpoliere und Geprüfte Poliere.

Darüber hinaus hinterfragt dieses Projekt, welche Mitarbeiter üblicherweise welchen Verantwortungsbereich im Bauprozess abdecken. Hier wird ein Referenzmodell (Bauobjekt) herangezogen.

Nicht zuletzt werden in diesem Projekt Matrizen entwickelt, die in komprimierter Form einen Überblick darüber geben, welcher am Bauprozess Beteiligte auf welchem Niveau über welche Kenntnisse, Fertigkeiten und Kompetenzen verfügt. Dies ist in Fortführung der Entwicklung eines Sektoralen Qualifizierungsrahmens für die Bauwirtschaft (SQF CON) in Europa zu betrachten.

Beteiligte Partner aus Deutschland, Spanien, Großbritannien, Türkei, Litauen und den Niederlanden.

- Project title:** **PROFESSION II** – Protection against Fire & Energy Saving: Sustainability, IT & Impact on construction sector demands
- Funding by:** European program for lifelong learning  
Leonardo da Vinci - Innovationtransfer project
- Promoter:** **BZB**
- Partner:** Vilnius Builders Training Centre/Lithuania, BFW der Bauindustrie NRW/Germany, GOA Infra/Netherlands, AIDICO/Spain, IZODER/Turkey, Warrington Collegiate/Great Britain
- Duration:** 1th of October 2010 to 30th of September 2014

## **Project summary**

In recent years a plenty of new technologies and materials concerning fire prevention and energy efficiency were put on the market. This project will further develop some of these products as web based pilot modules for qualification levels 3 (skilled worker), 3a (worker with advanced skills), 4 (foreman), 5 (site manager, non-academic) along SQF-CON standards (point of transfer) to show new or approved possibilities how to prevent fire and to save energy. Furthermore this project intends to develop and to evaluate how far respective qualification levels in each partner country are responsible for procedures within the field of fire prevention and energy saving.

Within modern construction procedures these two security as well as sustainability aspects cannot be parted. Due to new and fast innovative materials, technologies and processes for fire prevention and energy saving, many small and medium sized companies are not well informed and trained on this area how to come along with new challenges. PROFESSION is going to develop pilot web based modules which will be addressed to relevant qualification levels and their fields of responsibility. So this projects will produce two outcomes: a) qualification matrices regarding fire prevention and energy saving on the basis of SQF-CON and b) 4 pilot web based trainings to increase the acceptance and integration of modern learning within the construction branch.

Having chosen a consortium which is consisting of 6 nations, there will be following advantage: all participants dispose of different stages of development and implementation regarding EQF. Because of this fact, qualification matrices as well as pilot web based modules can be tailored in consideration of the needs of each partner country and the individuals who require the VET there. Short term aims: comparison of EQF respectively SQF-CON standards concerning the work within the fields of fire prevention and energy efficiency. Long term aims: development of a standardized web based training tool in consideration of compared and adjusted SQF-CON responsibilities for fire preventing and energy saving procedures.