

# IMPROVING THE PROFESSIONAL SKILLS IN GREEN CONSTRUCTIONS THROUGH ONLINE TRAINING

Erasmus+ Strategic Partnership KA2

No. 2017-1- LV01-KA202- 035483

## O6 - Final Report

### CREATING OF A PROGRAM FOR TRAINING OF TRAINERS



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## 1. INTRODUCTION

The “training of trainers”, today is a sign of adequacy in rapidly changing conditions in the learning environment. Many of them are aware of the necessity and economic feasibility of such training. Our project is aimed at the construction workers and their training. The managers of the construction companies want to see in their subordinates not just contractors but responsible, proactive, professionally working construction workers familiar with the current trends in the branch. The training of teachers for vocational training in the field of construction that will use our learning modules is the fastest and most effective way to get acquainted with the novelties from a professional and methodological-pedagogical approach and at the same time to exchange experience from the application of learning outcomes in practice.

## 2. WHAT DO WE DO WITH OUR TRAINING?

**Firstly**, the training allows for a minimum of time to get the most rapid and effective result from the application of the training modules in the partner countries of the project. Learning new knowledge in partner organization training takes place face-to-face, and sharing and sharing good practice from each participant with the rest of the team you design the training. This makes training itself much more reliable and effective.

**Secondly**, the training provides the opportunity to work out those habits and skills that are most needed to conduct the learning process with the beneficiaries (construction workers) in each partner country of the project. This in turn leads to increased efficiency and performance of their work as lecturers.

**Third**, the training program is flexible and takes into account and shapes the more changing environment during the training. Based on shared experience, it can be corrected, as a result, the participants receive only the most innovative, up-to-date and effective information.

## 3. CREATING OF PROGRAM

Simply knowing the content of the green building modules developed by the working groups in the project is not enough for the quality teaching of material with the use of the e-learning platform MOODLE for distance learning. The Project Management Board believes that to lead the project beneficiaries (construction workers) to a successful quality learning process with the modules created, it is necessary to train team lecturers from each interested institution in the project.

A further part of the preparation of the first phase of the project development from the consortium has taken into account the need to extend the range of trainers available to educate the beneficiaries (construction workers) of new skills and knowledge in the field of green building in partner countries (Germany , Bulgaria, Latvia and Hungary).

Responding to this need, we propose to adopt a program (TOT) to build capacity to improve the quality of teachers' skills to work with the MOODLE interactive learning system for distance learning. This is also one of the main tasks underlying the implementation of the project plan.

- Raising the qualification of trainers in order to successfully use the potential and capabilities of the learning modules with the help of the MOODLE system. Improving the quality of green building knowledge and skills in partner countries.
- Further dissemination of the green building concept by increasing training opportunities for beneficiaries in partner countries under the project. Demonstrating the need for society to move the construction industry in the coming years to the principles and standards of green construction.
- Finally, increase the skills of construction workers on green skills and habits and motivate green building contractors in partner countries to use new interactive learning methods.

Prior to taking part in the training, the appointed representatives of the partner institutions must carry out a preparatory study, which includes: detailed study and acquaintance with the developed online modules for distance learning on green construction and the capabilities of the MOODLE platform; Participation in two conference calls with the project coordinator.

#### 4. SCHEDULE FOR PROGRAM TRAINING OF TRAINERS

<b>DAY 1 (21.01.2019)</b>	
<b>8:00 – 9:00</b>	Welcome Introduction
<b>9:00 – 9:40</b>	Presentation of the participants. Organizational questions.
<b>9:45 - 13:00</b>	Specific knowledge and skills for effective work and teaching with the e-platform MOODLE
<b>13:00 -14:00</b>	<b>Lunch</b>
<b>14:00 - 15:30</b>	Questions and Answers
<b>15:30 – 15:45</b>	<b>BREAK</b>
<b>15:45 - 17:00</b>	Individual work on the graphical and unified architectural layout of the modules. Group work and Individual training Design
<b>17:00</b>	End of the first day

<b>Day 2 (22.01.2019)</b>	
<b>8:00-9:00</b>	Discussion and analysis of work on the first day.
<b>9:00-13:00</b>	Demonstration and evaluation of work with module 1. Teamwork and recommendations for the design layout of the module Lesson, tests, video.
<b>13:00-14:00</b>	<b>Lunch</b>
<b>14:00 -15:30</b>	Discuss the didactic & pedagogical features of Module 1.
<b>15:30 – 15:45</b>	<b>BREAK</b>
<b>15:45 - 17:00</b>	Discussion and preparation of a tutorial on how to work with a module1.
<b>17:00</b>	End of the second day



<b>Day 3 (23.01.2019)</b>	
<b>8:00-9:00</b>	Discussion and analysis of work on the second day.
<b>9:00-13:00</b>	Demonstration and evaluation of work with module 2. Teamwork and recommendations for the design layout of the module Lesson, tests, video.
<b>13:00-14:00</b>	<b>Lunch</b>
<b>14:00 -15:30</b>	Discuss the didactic & pedagogical features of Module 2.
<b>15:30 – 15:45</b>	<b>BREAK</b>
<b>15:45-17:00</b>	Discussion and preparation of a tutorial on how to work with a module2.
<b>17:00</b>	End of the third day



<b>DAY 4 (24.01.2019)</b>	
<b>8:00 – 9:00</b>	Discussion and analysis for work on the third day.
<b>9:00 – 13:00</b>	Demonstration and evaluation of work with module 3. Teamwork and recommendations for the design layout of the module Lesson, tests, video.
<b>13:00 -14:00</b>	<b>Lunch</b>
<b>14:00 -15:30</b>	Discuss the didactic & pedagogical features of Module 3.
<b>15:30 – 15:45</b>	<b>BREAK</b>
<b>15:45-17:00</b>	Discussion and preparation of a tutorial on how to work with a module 3.
<b>17:00</b>	End of the fourth day



<b>Day 5 (25.01.2019)</b>	
<b>8:00-9:00</b>	Discussion and analysis for work on the fourth day.
<b>9:00-13:00</b>	Demonstrate and evaluate the overall design of the entire product.
<b>13:00-14:00</b>	<b>Lunch</b>
<b>14:00 -15:30</b>	Discussion and preparation of a general guide for the teacher in the work with the modules - graphic layout.
<b>15:30 – 15:45</b>	<b>BREAK</b>
<b>15:45-17:00</b>	Evaluation of the results of the training, questionnaire and acceptance of the protocol.  Issuing Certificates!
<b>17:00</b>	End of TOT

<b>Day 6 (26.01.2019)</b>	
<b>9:00 – 17:00</b>	Cultural program; Riga - Rezekne

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