



# NEW TRAINING PROGRAM IN WOOD CONSTRUCTION

## European Wood Construction Managers Online Training

### BACKGROUND AND MOTIVATION

The return to the use of natural materials in construction, together with awareness that sustainable raw materials can be used for constructing energy-efficient buildings, requires the client to increasingly choose wood. Energy efficiency is an important issue in all parts of our life, in particular in the construction industry. Energy efficiency principles are applied in all stages of the building process: from planning and material selection to building the and insulating.

By the use of wood as building material a natural, renewable raw material construction with higher added value is created. Sustainable construction improves energy efficiency while reducing CO<sub>2</sub> emissions.

### PROGRAM

This training course for professionals in the wooden building construction sector is a continued education program that provides them a further development of their knowledge and skills. The learning process will be organized in distance education, as all study materials will be available in the e-environment. The course address now: <http://skolas.lu.lv.ewcm>.

The study program includes six modules:

#### 1. Legislation and regulation –

Existing European laws and regulations in wooden building construction, security provisions on lifts and lifting equipment, health and safety and environmental protection on the work site.

#### 2. Wood construction techniques –

The use of wood in of energy-efficient building and renovation, wood-framed building, insulation and window installation, roof structural timber connections and floor installation, examples in different types of wooden buildings.

#### 3. Project management –

Start and preparation of the construction project, interaction with clients and suppliers, documentation, project technical and financial supervision, risk management.

#### 4. Marketing for wood construction sector –

Marketing strategies for wood construction companies.

#### 5. Quality –

Wood treatment and maintenance requirements in the construction industry's quality standards, financial and technical analysis of the project.

6. Human resource management –

Conflict management, health and safety, first aid

### **DIPLOMA**

After successfully passing the final exam the applicant will receive an in his country of application a recognized degree and the wooden building construction manager's certificate. The certificate is internationally recognized and meets the sixth qualification levels according to the EQF (European Qualifications Framework)- The European Qualifications Framework for lifelong learning - ECA