



RĪGAS
PLĀNOŠANAS REĢIONS



BUILD UP SKILLS FORCE

Agris Kamenders

e-mail: agris.kamenders@rtu.lv



Līdzfinansē Eiropas Savienības programma
"Saprātīga enerģija Eiropai"



Contract N°: IEE/12/BWI/337/SI2.659667
Project duration: 01.11.2013 - 30.04.2014



PROJECT CONSORTIUM

- Promoting the increase of the capacity of the building industry workforce for the delivery of high-energy efficiency renovations and nZEB by 2020.
- Two continuing education programs and training materials elaborated for the building industry workforce: one for engineering systems and one for building envelop.

Project partners:

1. Riga Planning Region
2. Kurzeme Planning Region
3. Vidzeme Planning Region
4. Zemgale Planning Region
5. Latvia Association of Civil Engineers
6. State Service of Education Quality
7. Latvia Environmental Investment Fund



NATIONAL CONTEXT AND AMBITIONS

National context

- Buildings make a substantial contribution to Latvia's emissions
- Skills gap are more and more filled by individuals without the necessary training

Priority measures:

- Trigger deep about qualification of the workforce in the building sector
- Develop continuing education programs and training materials
- Licenses issued for two continuing education programs to at least 6 training institutions
- Trainers selected and trained to become providers of elaborated training programs
- Now-how transfer and training materials developed
- Continuing education programs tested and workers trained



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ROADMAP PROVIDING ANSWERS

What will create the demand for qualified employees?

- The need to achieve the Climate and Energy targets of 2020
- Support to energy efficiency and RER projects
- Investments in education and human capital
- Requirements for the training of employees in energy efficiency and RES grant projects
- Support from ESCO and PPP funding mechanisms and their popularization
- Educated customer and investor. Development of LEB construction
- Worker categories by their qualification
- Qualification requirements for working in construction
- Application of the principles of the building life cycle costs
- Support to small and medium enterprises
- Raising of the prestige of construction employees

What is necessary to make training possible?

- Training programmes which provide for qualitative internship and study infrastructure
- Study materials, engineering solutions manuals (renovation, construction of new buildings, use of RER)
- Professional teachers, trainers
- Motivation and potential of construction companies to invest in the employee education
- Retraining of adults, improving of qualifications and lifelong learning
- Development of science and pilot projects
- Competence centres have equally good technological provision for all acquirable professions
- Employee motivation: higher qualification => higher pay, stability and employment opportunities

PRIORITY MEASURES FROM PILLAR II

The action will help to reduce the identified drawback:

- Lack of qualified workers to reach 2020. targets;
- There is lack of qualified trainers, having knowledge and skills necessary for provision of know-how in issues of energy efficient building works, as well knowing and using the most effective training methodologies.

Action is in line with the following measures defined in the Latvia's Roadmap:

- Study courses and materials;
- Employee training;
- Training of adults, improvement of knowledge and skills.



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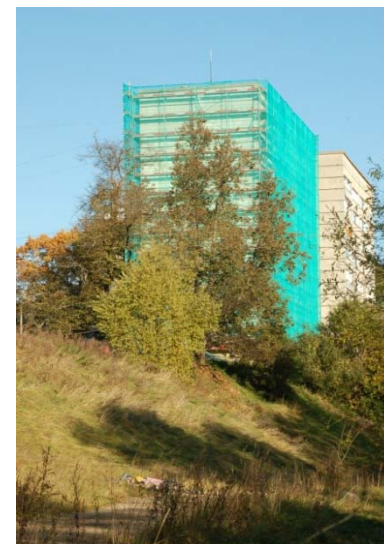


PROJECT SUPPORTERS AND ENDORSERS

There is a significant number of stakeholders already identified as participants of the national qualification platform in Latvia, and to be involved in different phases. They are representing public authorities, leading institutions of the vocational and continuing training system for low-skilled workers of the building sector. Their very first supporters are listed below:

Project supporters and endorsers:

- Ministry of Economy
- Ministry of Education and Science
- Ministry of Environmental Protection and Regional Development
- State Employment Service
- The Latvian Builders Association
- Association of Building Materials Producers
- Association of Heat, Gas and Water Technology Engineers of Latvia
- Latgale Planning Region
- Latvian Chamber of Commerce and Industry
- Main vocational training and education providers



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TRAINING SCHEMES

- The project will provide two continuing education (training) programmes:
 - ✓ Building engineering systems (HVAC, DHW, solar collectors etc.)
 - ✓ Building envelope (conservation, roof, windows etc.)
 - ✓ Licences issued for two continuing education programmes to at least 6 training institutions.
- Training trainers
 - ✓ Knowledge transfer from national and international experts to training institutions and trainers
- Pilot training and evaluation of the programmes

The Vocational education competence centres already selected after consultations with stakeholders, such as The Latvian Builders Association, planning regions, Ministry of Education and Science, Ministry of Economy, State Service of Education Quality

Supporting measures:

- Awareness raising for development of appropriate funding schemes and regulations
 - ✓ discussions with national level authorities and institutions held



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KEY IMPACTS

- The 15 experts' group for elaboration of the training programmes established.
- 2 continuing education programmes and training materials elaborated for provision of training for building industry workforce: 1 for energy efficient engineering systems (2 modules; 160 hours total) and 1 for energy efficient building envelope (3 modules; 240 hours total).
- Licenses issued for two continuing education programmes to at least 6 training institutions.
- 35 trainers selected and trained to become providers of elaborated training programmes.
- The continuing education programmes tested and 50 workers trained
- Several publications in printed and social media, TV and radio;
- Conferences, seminars and bilateral meetings
- Know-how transfer and best available examples analysis



Photo: A. Kamenders



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PARTNERS & CONTACT

Project coordinator:

Riga Planning Region

Contact person: Agris Kamenders

E-mail.: agris.kamenders@rtu.lv

Mob.: +371 29145442

Web.: www.rpr.gov.lv

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