



**BUILD UP
SKILLS FORCE**
ENERGY TRAINING
FOR BUILDERS

BUILD UP Skills FORCE



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Co-funded by the Intelligent Energy Europe
Programme of the European Union



Pillar I

How to create demand for skilled workforce?

- Support and long-term investments in housing stock - continuous work flow for workers;
- Requirements for skilled workforce in procurements;
- Energy Performance contracting;
- Educated customer and investor;
- Workers categories depending from their skills and knowledge;
- Prestige of construction industry;
- Demand for nZEB buildings in new construction;
- Investments in education and life long learning.

Pillar II

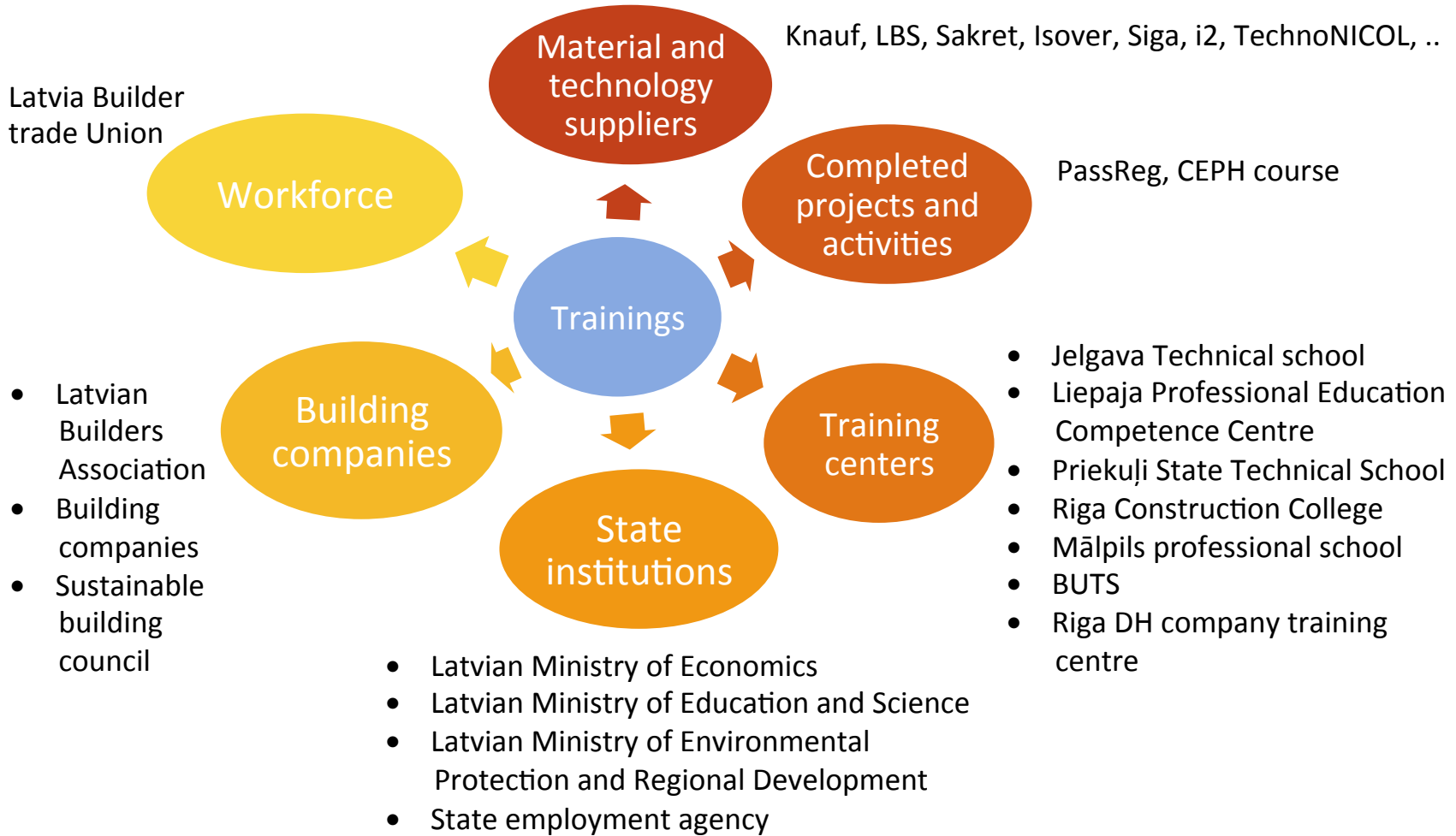
How to satisfy demand for training?

- Access to training in the regions;
- Up to date training programs. Providing skills and knowledge needed. Appreciated by the industry;
- Freely available study materials, exercises, training manuals and practical training modules;
- Professional teachers and trainers;
- Collaboration between contraction industry, policy makers and educators;
- Support and finance available;
- National recognitions of trainings provided.





QUALIFICATION PLATFORM



Two continuing education (training) programmes:

1. For building engineering systems (HVAC, DHW, RES)
2. For building envelope (walls, roof, windows etc.)

Key words:

- Building as one system and interactions between different trades;
- Theory based on examples from real projects (good & bad);
- Field visits to building sites;
- Discussions and interactions between participants;
- Practical training. Possibility to “touch” and try out different materials and technologies;
- Nationally recognized - licensed training programs;
- Good quality, high comfort, long lasting solution



TRAININGS FOR TEACHERS AND WORKERS





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- Several TV broadcasts, including a 24 minute long broadcast in Latvian Regional and National Television
- Latvian “Radio 4” broadcasts
- Press releases and articles
- Separate video broadcasts in web and YouTube
- Brochures, posters, newsletters
- Participation in conferences and Baltic Building Fair
- Social media – Facebook, Twitter



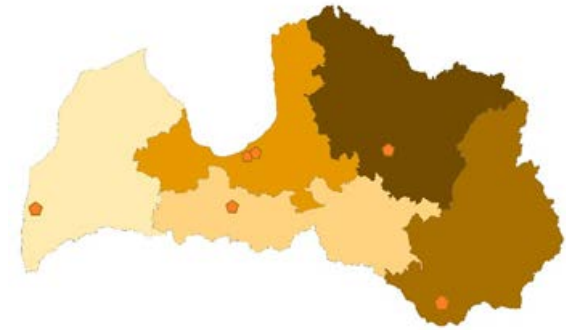
ACCOMPANYING MEASURES - BILATERAL MEETINGS

Meetings for support and sustainability of the action

- Ministry of Economy
- Ministry of Education and Science
- Ministry of Environmental Protection and Regional Development
- State Employment Service
- The Latvian Builders Association
- Main vocational training and education providers
- Investment and Development Agency of Latvia
- State Education Development Agency
- National Centre for Education
- Employers' Confederation of Latvia
- Sustainable building council
- Latvia Builder trade Union



- Training programme developed will be used and offered by six training centers, spread across the country
- State Service of Education Quality offering curriculums developed as examples for others training centers and schools. Programs developed serves as a example for other educational and training institutions
- Presentations and training materials freely available for others to use
- Included in list of programmes supported by State Employment Agency (seasonal unemployment)



ACCOMPANYING MEASURES



ACCOMPANYING MEASURES



Signing of the declaration:

- Latvian Ministry of Economics
- Latvian Ministry of Education and Science
- Latvian Ministry of Environmental Protection and Regional Development
- Ministry of Welfare
- Latvia Builder trade Union
- Latvia Association of Civil Engineers
- Latvia Building company Association



SIGNING OF THE DECLARATION



DECLARATION FOR CONTINUES SUPPORT

- **Latvian Ministry of Education and Science** – supports trainings and ensure that trainings programmes developed are publicly available;
- **Latvian Ministry of Economics** – supports energy efficient construction and promotes only skilled workers on the construction site;
- **Ministry of Welfare** – trainings developed included in list of programmes supported by State Employment Agency;
- **Latvian Ministry of Environmental Protection and Regional Development** – promote green procurement practice including requirements about skilled workforce;
- **Latvia Builder trade Union** – provide regular information to the construction sector employees and promote on going trainings, as well as promote the professional competence development;
- **Latvia Association of Civil Engineers** – during certification process of professionals, assign points needed for professional development if participants attending trainings developed;
- **Latvia Building company Association** – promote regular training for their employees and provide internships for learners



MAIN OUTPUTS

- Qualification platform formed and trainings programs developed;
- Two continuing education programmes and training materials elaborated for provision of training for building industry workforce;
- Licences issued for two continuing education programmes. Programmes will be used by at least by six training centers spread across the country;
- 30 trainers selected and trained;
- The training programmes tested and 50 workers trained. Feedback collected;
- Declaration signed to ensure sustainability of the trainings;



NEXT STEPS

- Non-intrusive: refurbishment within a week. High quality and good indoor climate. Continuous work flow for workers;
- Prefabricated building components for renovation. New project proposal in Interreg program;
- Cooperation between industry and educators. Building demo buildings;
- ID cards and register for qualified persons – only professionals in the building site;
- Trainings supported by State Employment Agency other grants..



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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

