



**Grant agreement no. IEE / 11/ BWI/ 454/ SI2.604349**

**BUILDEST**

**BUILD UP Skills Estonia: Development of the  
Estonian Continuing Education and Training Roadmap and Action  
Plan for the Building Sector to 2020**

Intelligent Energy – Europe (IEE)  
BUILD UP Skills Pillar 1

**Report on EU Exchange Activities (WP5)**

Period covered: from 1 to 18 months

Due date: 29/06/2013

Start date of the action: 01/11/2011

Duration: 18 months

End date of the action: 30/04/2013

Project coordinator name/ organisation/ e-mail/ telephone number:

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## 1. Overview of Work Package 5 (WP5)

The aim of WP5 was to cover resources to create an added value on the European level through targeted exchange activities, which were organised by the EACI. The lead partner of this work package was the Coordinator KredEx. The hours and costs were allocated to the Coordinator's budget and shifted to other consortium members during the project implementation as appropriate. Main tasks in WP5 come as follows:

1. Participation in and/or contribution to the targeted exchange activities with other projects of the Initiative, organised by the EACI and its service providers.
  - (a) 4 sessions of EU exchange activities took place during the duration of the action, including meetings. Two to three participants per project were expected to take part in these activities.
  - (b) Peer review of other BUILD UP Skills project outcomes (e.g. *status quo* analysis, national roadmaps).
2. Contribution, upon request by the EACI, to the development of specific information material (videos, images etc.) as well as inputs to European portals (e.g. BUILD UP) and databases in the quality and form specified.

## 2. Overview of the EU exchange activities

### 2.1. Participation in the EU-wide exchange activities

Four (4) EU-wide EACI meetings were held during the project period:

- 23-25 November 2011 – kick-off meeting and training in Brussels (Belgium);
- 11-13 June 2012 – 2nd EU-wide meeting in Ljubljana (Slovenia);
- 26-28 November 2012 – 3rd EU-wide meeting in Brussels (Belgium);
- 22-24 April 2013 – 4th EU-wide meeting in Vienna (Austria).

Different members from the BUILDDEST consortium participated at all four (4) EACI meetings, taking part of the contractor's workshops, parallel sessions etc. The project partners' participant list in the EU exchange meetings comes as follows:

Actual date	Type of meeting	Name of participants	Duration (days)	City/country
23-25 November 2011	EU-wide EACI kick-off meeting and training	Ms Reet Linnas (TUT) Ms Eveli Kuuse (Invent Baltics) Mr Aare Vabamägi (KredEx)	3	Brussels, Belgium
11-13 June 2012	2nd EU-wide EACI meeting	Ms Reet Linnas (TUT) Ms Liina Henning (TUT) Ms Triin Väljataga (KredEx) Mr Kevin Vaher (MKM)	3	Ljubljana, Slovenia
26-28 November 2012	3rd EU-wide EACI meeting	Ms Reet Linnas (TUT) Ms Triin Väljataga (KredEx) Mr Indrek Peterson (EACE)	3	Brussels, Belgium
22-24 April 2013	4th EU-wide EACI meeting	Ms Liina Henning (TUT) Ms Aulika Rüsenberg (Innove) Ms Triin Väljataga (KredEx)	3	Vienna, Austria

The project Coordinator KredEx organised the preparation of presentation materials and media tools (posters, presentations, videos etc.) upon request by the EACI for the aforementioned meetings. At those meetings all the participating countries had an opportunity to share their advances and experience in the BUILD UP Skills projects.

## 2.2. Participation in BUILD UP Skills peer review activities

Peer review activities have been an additional way to share experience and foster exchanges with other BUILD UP Skills projects. Estonia has shared experiences with its peer review group members Denmark and Poland. We have had several contacts by e-mail with the Danish (Danish Energy Agency) and Polish project coordinator (Polish National Energy Agency) for peer review activities. The main topics have been the compilation of the National *Status Quo* Report, setting up the roadmap activities and main outcomes of the Roadmaps, preparations for the EU-wide EACI meetings (presentations, posters, video etc.) and the overall project management.

We have had several peer review group meetings during the EU-wide meetings to discuss the main difficulties of gathering reliable data, the main differences of building sectors in different countries, the greatest challenges of compiling the national *status quo* reports and national roadmaps. At the end of March 2013 we had an additional peer review meeting with the group in Łódź (Poland) to discuss the main outcomes of national roadmaps and further related steps. The project partners' participant list in peer review meeting comes as follows:

Actual date	Type of meeting	Name of participants	Duration (days)	City/ country
25-26 March 2013	BUILD UP Skills peer review meeting	Ms Reet Linnas (TUT) Ms Aulika Riisenberg (Innove) Ms Triin Väljataga (KredEx)	2	Łódź, Poland

Thanks to the EU exchange meetings as well as the peer review group activities we have had a chance to compare the main results and methods of our national work with other countries and as a main result we have come to an encouraging conclusion that most of the participating countries have had the same challenges in the field of energy efficiency in the building sector.

## **Appendix I**

Agendas of the EU-wide EACI meetings

## **Appendix II**

Agenda of the Peer Review meeting in Lodz (Poland)

## **Appendix III**

Specific information material prepared upon request by the EACI

## **Appendix I**

Agendas of the EU-wide EACI meetings



**BUILD UP SKILLS**  
ENERGY TRAINING FOR BUILDERS



## EU exchange meeting n°1

**Brussels, 23-25 November 2011**

Venue: Hotel Le Plaza  
Bd Adolphe Maxlaan 118-126  
1000 Brussels

**Wednesday 23 November 2011**

**For BUILD UP Skills participants only**

Room Versailles.

15:00 – 16:00	Registration and coffee
16:00 – 16:10	Welcome - <i>Vincent Berrutto, Head of Unit, EACI</i> Short Introduction to the IEE programme Presentation of EACI team working on BUILD UP Skills
16:10 – 16:30	Short Introduction to the BUILD UP Skills Initiative General Objectives and structure of the meeting <i>Nathalie Cliquot</i> <i>Gianluca Tondi</i> <i>Waltraud Schmid</i>
16:30 – 18:00	Team work Animated by <i>Waltraud Schmid</i>
18:00 – 19:00	Bilateral meetings with projects officers (if needed)
19:30 – 22:30	Networking Dinner



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**Thursday 24 November 2011**

**Morning session= LAUNCH OF BUILD UP SKILLS EU EXCHANGE MEETING**

Room Adolphe Max.

09:00 – 9:30	Registration
09:30 – 9:40	Welcome <i>Patrick Lambert, Director EACI</i>
09:40 – 10:00	Meeting the needs for green skills in the construction sector <i>Emmanuel Cabau, Deputy Head of Unit, European Commission, DG ENER</i>
10:00 - 10:20	The EU agenda for new skills and jobs and funding opportunities under the European Social Fund <i>Manuel Hubert, European Commission, Policy Coordinator, DG EMPL, "New Skills, new jobs, adaptation to change"</i>
10:20 - 11:20	The BUILD UP Skills initiative – objectives and expected outcomes <i>EACI and BUILD UP Skills project coordinators</i> <i>Peter Weiss, Germany</i> <i>Monica Jarzemska, Poland</i> <i>Javier González López, Spain</i>
11:20 – 11:40	Coffee break
11:40 – 12:00	Ready for action? Energy saving opportunities in the European building stock - benefits and challenges <i>Oliver Rapf, Executive Director, Buildings Performance Institute Europe</i>
12:00 – 12:20	A trade union perspective on training the building workforce <i>Rolf Gehring, European Federation of Building and Wood workers</i>
12:20 – 12:40	An industry perspective on training the building workforce, <i>Domenico Campogrande, European Construction Industry federation,</i>
12:40 – 13:00	Questions and answers LUNCH



**BUILD UP SKILLS**  
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**Thursday 24 November 2011**

**Afternoon session= Plenary meeting and Parallel workshops for BUILD UP Skills Participants**

- 14:30 – 15:00 BUILD UP Skills Status Quo Analysis outline  
*Presentation by EACI*  
Room Adolphe Max.
- Group picture
- Workshop 1** **BUILD UP SKILLS Status Quo Analysis: collecting data and skill gaps methodologies.** Room Adolphe Max.  
***Chaired by Nathalie Cliquot, EACI***  
*Rapporteur: Johannes Haas*
- 15:00 – 15:30 Collecting data on the building stocks – identifying building typologies : the TABULA project  
Tobias Loga, Institut Wohnen und Umwelt  
Questions and answers
- 15:30 – 18:00 Sharing experience on Methodologies: skill gaps and needs analysis and overview of existing relevant
- 16:15 – 16:40 Coffee break
- Workshop 2** **BUILD UP Skills Status Quo Analysis: identification of barriers and gaps.** Room Elisabeth.  
***Chaired by Gianluca Tondi, EACI***  
*Rapporteur: Irena Kondratenko*
- 15:00 – 18:00 Sharing experience on barriers and gaps to the training of the building workforce
- 16:15 – 16:40 Coffee break
- Workshop 3** **Communication. Management. Interaction with EACI.** Room Marie Henriette.  
*Rapporteur: Karin Drda-Kühn*
- 15:30 – 18:00 Internal and external communication (material, EU website / national websites, media work, etc.)  
The BUILD UP portal – key features and possibilities for BUILD UP Skills platforms  
Project management - how to facilitate your life
- 16:15 – 16:40 Coffee break
- 18:00 – 18:30 Bilateral meetings with project officers upon request (optional)





**BUILD UP SKILLS**  
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**Friday 25 November 2011 -**  
**For BUILD UP Skills participants**  
Room Adolphe Max.

9:00 - 10:00	Outcome of DAY 2 discussions <i>Waltraud Schmid chairing</i>
10:00 – 10:30	Introduction to the brainstorming session and to peer review process – <i>Nathalie Cliquot</i>
10:00 – 10:30	Coffee break
10:30 – 12:30	3 Parallel groups brainstorming animated by <i>Nathalie Cliquot Gianluca Tondi, Waltraud Schmid</i> Topics: group discussions on - Templates - Peer review options - Feedback on the first EU exchange meeting  (Room Adolphe Max, Marie-Henriette and Elisabeth)
12:30 – 14:00	Lunch
14:00 – 15:50	Plenary meeting : chaired by <i>Waltraud Schmid</i> Presentation of the outcomes of the morning brainstorming Next steps by <i>Gianluca Tondi</i>
15:50 – 16:00	Conclusions by <i>Waltraud Schmid</i> , Coffee break
16:00 – 17:00	Bilateral discussions with project officers upon request (optional)



**BUILD UP Skills EU exchange meeting n°2**  
**Ljubljana, 11-13 June 2012**  
Venue: Ljubljana – Hotel Slon

**DRAFT AGENDA**

**Monday 11 June 2012 (morning)**

**For new BUILD UP Skills participants only (CZ, FR, MT, EL, SK, MK, HR, LT, LU)**

9:00 – 9:30 Registration

9:30– 12:30 Welcome - Introduction to the BUILD UP Skills Initiative  
Exchanges (in small groups)

LUNCH

**Monday 11 June 2012 (afternoon)**

**For all BUILD UP Skills participants**

14:00 – 15:00 Registration

15:00 – 18:00 Welcome – general objectives and structure of the meeting  
BUILD UP Skills in Slovenia  
- M.Sc. Erik Potocar, Ministry of infrastructure and spatial planning, Slovenia;  
- Dr. Roman Kunic, Economic Association of ETICS producers and producers of thermal insulation (GIZ PFSTI), Slovenia  
Exchanges on successes of BUILD UP Skills projects  
Setting up posters  
National team work / Preparation for the next day

**Tuesday 12 June 2012**

**For all BUILD UP Skills participants**

09:00 – 18:00 Success highlights from DAY 1  
Exchanges on status quo analysis (parallel groups in peer review teams)  
Debriefing from exchanges

LUNCH

Poster session

Parallel groups on selected themes, to be decided in line with participants needs, such as platform set-up, stakeholder engagement, endorsement methodologies (including skills needs and skill gaps analysis, monitoring), roadmap preparation;

Group picture

Preparation for the next day



**BUILD UP SKILLS**  
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**Wednesday 13 June 2012**  
**For all BUILD UP Skills participants**

09:00 – 15:00

Parallel groups on selected themes to be decided in line with participants needs and including session on  
- contractual issues (reporting, amendments, budget shifts)  
- communication

Debriefing from parallel groups

Poster highlights

Feedback and conclusions

LUNCH

Poster removal



**BUILD UP Skills EU exchange meeting n°3**  
**Brussels, 26-28 November 2012**

Venue: Hotel Thon  
Rue de la Loi/Wetstraat 75, B-1040 Brussels

**Monday 26 November 2012 (afternoon)**  
**For BUILD UP Skills participants**

14:00 – 14:15	Registration
14:15 – 16:00	<b>Welcome</b> – general objectives and structure of the meeting (EACI) <b>Panorama on state of advancement of BUILD UP Skills projects</b> (BUILD UP Skills projects update each other)
16:00 – 16:30	Coffee break
16:30 – 17:30	Exchange with Concerted Actions (CA RES and CA EPBD)
17:30 – 18:15	CONTRACTORS MEETING (exchanges on communication, reporting to EACI, overall coordination and running of an IEE project)  In parallel – BILATERAL NETWORKING
18:15 – 18:45	Informal meetings for workshop facilitators
19:00	NETWORKING COCKTAIL



**Tuesday 27 November 2012**  
**For BUILD UP Skills participants**

09:00 – 9:30	<b>Introduction to Parallel workshop session (plenary session)</b>
9:30 - 12:00	<b>Parallel workshops</b> <i>1) From status quo to roadmaps</i> <i>2) Innovative training</i> <i>3) Incentives and accompanying measures</i> <i>4) Entrepreneurial and broader skill needs of building professionals</i> <i>5) Mobility of workers and link with EQF</i> <i>6) Synergies between the BUILD UP Skills roadmaps and the RES directive obligation (article 14)</i>
12:00 - 12:30	Working on presentations for facilitators In parallel – BILATERAL NETWORKING
12:30 - 13:30	LUNCH
13:30 - 16:00	<b>Parallel workshops (topics to be confirmed)</b> <i>7) From status quo to roadmap</i> <i>8) BUILD UP Skills EU overview report</i> <i>9) Assessing costs of priority measures and identifying potential mechanisms</i> <i>10) Accreditation and certification/quality control in the building sector</i> <i>11) Endorsement of BUILD UP skills roadmaps</i>
16:00 - 16:30	Coffee break
16:30 – 17:00	Working on presentations for facilitators In parallel – BILATERAL NETWORKING
17:00 – 18:30	<b>Lessons and conclusions from parallel sessions</b>



**Wednesday 28 November 2012**

**For BUILD UP Skills participants and EU stakeholders**

- 08:30 Registration
- 09:00 Welcome  
Patrick Lambert - Director, Executive Agency for Competitiveness and Innovation (EACI)
- 09:10 The BUILD UP Skills initiative: initial results, outlook on next steps and IEE funding opportunities  
Waltraud Schmid - Head of Sector Projects, EACI  
Nathalie Cliquot - Project Officer, EACI
- 9:40 BUILD UP Skills projects: insights on different national situations  
Examples of Denmark and Romania  
Charlotte Forsingdal - Danish Energy Agency  
Horia Petran - National Institute for Research and Development in Construction, Urban Planning and Sustainable Spatial Development
- 10:00 Q&A
- 10:15 Networking Coffee
- 10:45 Panel discussion: EU Stakeholders views on BUILD UP Skills, reactions to initial findings, interaction with the audience  
- Domenico Campogrande - European Construction Industry Federation  
- Rolf Gehring - European Federation of Building and Woodworkers  
- Tommaso Grimaldi - European Vocational Training Association  
- Monica Frassoni - European Alliance to Save Energy  
- Seamus Hoyne - Limerick Institute of Technology, BUILD UP Skills Ireland coordinator  
Chairman: Vincent Berrutto - Head of Unit, Energy Efficiency, EACI
- 11:45 EU policy for skills development in the building sector  
- Strategy for the sustainable competitiveness of the construction sector and its enterprises  
Antonio Paparella – Socio-economic analyst, Task manager construction competitiveness and enterprises, Sustainable Industrial Policy and Construction unit, DG Enterprise & Industry  
- Skills development in the building sector  
Fernando Vasquez - Deputy Head of Unit, New Skills for New Jobs, Adaptation to Change, Corporate Social Responsibility, European Globalisation Adjustment Fund, DG Employment, Social Affairs & Inclusion  
Chairman: William Gillett - Head of Unit, Renewable Energy, EACI
- 12:15 EU energy policy and programmes  
Marie Donnelly - Director for Renewables, Research and Innovation, Energy Efficiency, DG Energy
- 12:30 Networking lunch
- 13:30 – 14:00 Close for BUILD UP Skills participants only**



**DRAFT BUILD UP Skills EU exchange meeting n°4**  
**Vienna, 22-24 April 2013**  
Venue: NH Danube City

**Monday 22 April 2013 (afternoon)**

- 13:00 Registration (including registration in parallel workshops and contractors workshop)
- 14:15 **Welcome**  
Waltraud Schmid, EACI  
Mr Gerald Vones, BMWFJ  
Ms Katharina Kowalski, Lebensministerium
- 14:45 **Presentations from the host country**  
The BUILD UP Skills Austria Roadmap - BUILD UP Skills Austria team  
Passivhouse craftsmen course – Mr Herwig Hengsberger (IG Passivhaus)
- 15:15 **BUILD UP Skills “Barometer”**  
Measuring progress in the 30 countries  
Waltraud Schmid, Nathalie Cliquot, EACI
- 16:15 Coffee break
- 16:45 **EU funding opportunities for education and training the building construction workforce**  
Antonio Aguilo-Rullan, Vasco Ferreira, EACI
- 17:15 In parallel  
**Contractors workshop**                      **Poster set-up and networking**  
Waltraud Schmid, EACI                      Gianluca Tondi, EACI  
Nathalie Cliquot, EACI
- 18:00 Preparation for facilitators of “parallel workshops”
- 19:30 Networking dinner



**Tuesday 23 April 2013**

- 09:00      **Introduction to Parallel workshop session (plenary session)**  
**Parallel workshops**  
1) Roadmap development  
2) National qualification platforms  
3) Endorsement activities  
4) Sources of funding for training schemes and the EU social funds  
5) Validating non-formal and informal learning
- 12:00      Working on presentations for facilitators
- 12:30      LUNCH
- 13:45      **Poster session (plenary)**  
Gianluca Tondi, EACI
- 14:00      **EU overview report presentation (EACI)**  
Nathalie Cliquot, EACI
- 15:30      **Feedback from the parallel workshops (workshops 2-3-4-5)**  
Antonio Aguilo-Rullan, EACI
- 16:15      **Group picture**  
Coffee break
- 16:45      **Country features: presentations from the BUILD UP Skills France, Estonia and Portugal country teams**  
Antonio Aguilo-Rullan, EACI
- 17:30      Bilateral meetings with EACI Project Officers





**Wednesday 24 April 2012**

- 09:00     **Introduction to Parallel workshop (plenary session)**  
6) Roadmaps development  
7) BUILD UP Skills Pillar I  
8) Using ECVET in BUILD UP Skills training  
9) Communicating BUILD UP Skills achievements  
10) Promoting partnerships between construction industry and education system
- 12:00     Working on presentations for facilitators  
Poster session
- 12:30     Lunch
- 13:30     **Poster awards**  
Johannes Haas, Irena Kondratenko, Karin Drda-Kühn
- 13:45     **Feedback from the parallel workshops** (workshop 1-6-8 and 10)  
Waltraud Schmid, EACI
- 14:35     Video testimonials
- 14:40     **Feedback on Pillar I and next steps for BUILD UP Skills**  
With input from parallel workshops 7 and 9  
Waltraud Schmid, EACI
- 15:30     Closure

## **Appendix II**

Agenda of the Peer Review meeting in Lodz (Poland)



Build up Skills peer review meeting  
March 25<sup>th</sup> 2013, Łódź Poland  
Agencja Użytkowania i Poszanowania Energii Sp. z o.o.  
ul. Kwidzyńska 14, 91-334 Łódź

10:00 – 10:15	Welcome	Andrzej Gołębek (Agencja Użytkowania i Poszanowania Energii)
10:15 – 10:45	The role of training centers in delivering specialists in the field of renewable energy sources - an example of the Practical Training Centre for Installers in Łódź / Rola centrów szkolenia praktycznego w kształceniu specjalistów w zakresie OZE na przykładzie Centrum Praktycznego Szkolenia Instalatorów w Łodzi	Andrzej Gołębek (Agencja Użytkowania i Poszanowania Energii)
10:45 – 11:15	Staff needs of the installers sector in reference to RES / Potrzeby kadrowe branży instalatorskiej w zakresie odnawialnych źródeł energii	Tadeusz Jassa (Polska Korporacja Techniki Sanitarnej, Grzewczej, Gazowej i Klimatyzacji)
11:15 – 11:45	Status quo of the polish RES sector and development opportunities in Łódzkie voivodship from perspective of the labour market needs / Stan i perspektywy rozwoju sektora energetyki odnawialnej w Polsce i w województwie łódzkim z perspektywy potrzeb rynku pracy	Elżbieta Ciepucha (Obserwatorium Rynku Pracy dla Edukacji, Łódzkie Centrum Doskonalenia Nauczycieli i Kształcenia Praktycznego)
11:45 – 12:15	Best practise: project „Improving qualifications of students in the field of installations and and renewable energy systems ” / Dobre praktyki: projekt „Podniesienie kwalifikacji zawodowych uczniów w zakresie urządzeń i systemów energetyki odnawialnej”	Agnieszka First (District Office Bełchatów)
12:15 – 12:30	Summary of the meeting / Podsumowanie spotkania	Andrzej Gołębek (Agencja Użytkowania i Poszanowania Energii)
12:30 – 13:15	Tour around the Installers Practical Training Centre in Łódź / Prezentacja Centrum Praktycznego Szkolenia Instalatorów w Łodzi	
13:15 – 14:00	Lunch	
14:00 – 17:00	Build up Skills – Peer review meeting: Topics to be discussed: - National road maps - Common poster for the EU exchange meeting in Vienna - Pillar II – plans and developments	

Contact details:

Monika Jarzemska: +48 691 956 510

Andrzej Rajkiewicz: +48 606 499 145

Monika Mrówczyńska (host AUIPE): + 48 42 640 60 14



**BUILD UP SKILLS**  
ENERGY TRAINING FOR BUILDERS



Build up Skills peer review meeting  
March 25<sup>th</sup> 2013, Łódź Poland  
Agencja Użytkowania i Poszanowania Energii Sp. z o.o.  
ul. Kwidzyńska 14, 91-334 Łódź

18:00	Joint dinner at Polka Restaurant in the Manufaktura complex
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Contact details:

Monika Jarzemska: +48 691 956 510

Andrzej Rajkiewicz: +48 606 499 145

Monika Mrówczyńska (host AUIPE): + 48 42 640 60 14

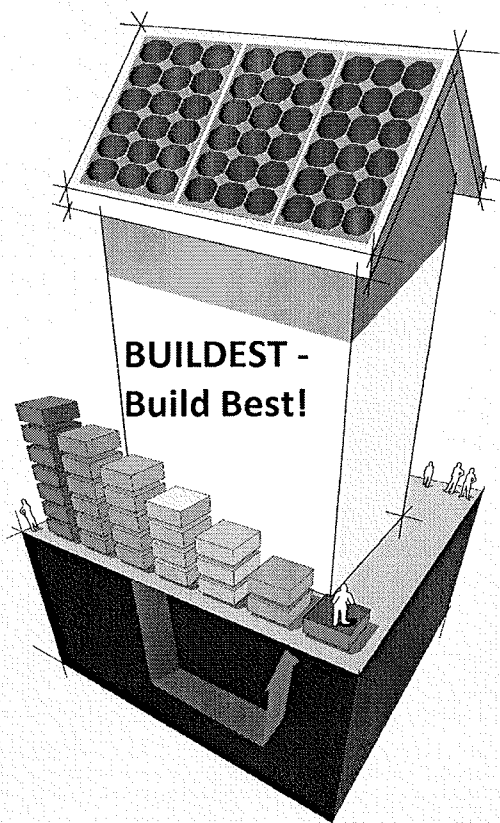
## **Appendix III**

Specific information material prepared upon request by the EACI

- \* Construction works in Estonia in 2011 for 2408 million EUR
- \* Construction works for export – 10%
- \* Necessity to build or renovate yearly 670 000 m<sup>2</sup> of living space
- \* 518 400 m<sup>2</sup> of living space was given to use in 2011
- \* 4600 construction enterprises active in the market, 90% of them with less than 10 employees
- \* According to the prognoses of period 2012–2020 yearly 46 000–54 000 employees to be occupied by construction enterprises
- \* Demand for up to 1100 extra construction workers already in 2012
- \* Demand for 40% of extra vocational training graduates

#### Training partners:

- \* 19 vocational training schools
- \* 3 higher education schools
- \* 3 professional associations
- \* ca. 20 private training providers

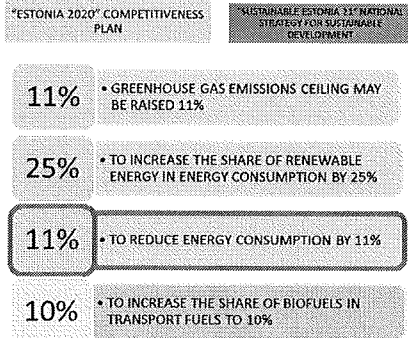


# Estonian Continuing Education and Training Roadmap for the Building Sector to 2020

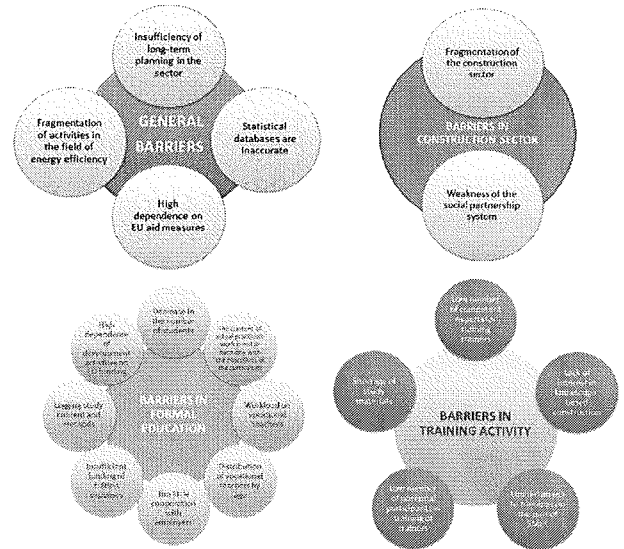
## Primary findings of the Status Quo report

- The workforce study data signal an urgent shortage of workforce in the sector
- The construction sector would need at least 935-1,200 new skilled workers per year
- The construction workers who lack professional training account for close to 50 percent of workers at construction companies
- The master-level training target group is 3,500 employees
- The estimated size of the training target group is 70 vocational teachers
- In the development of competences aimed at energy efficiency, the complementing of occupational standards in the construction field is of key importance

## National climate and energy targets

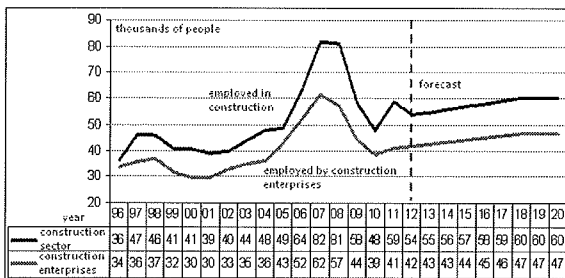


## Barriers to energy efficiency targets by 2020

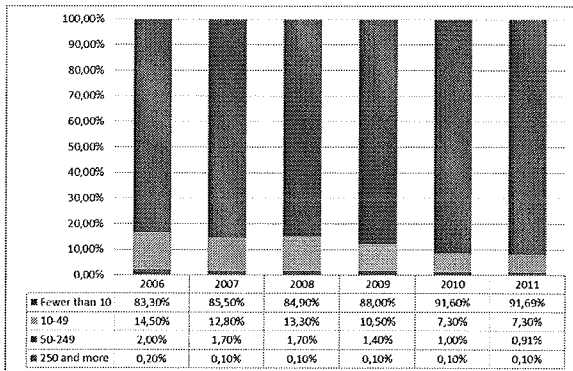


## Estonian building sector

Forecast as to the number of employed in the construction sector and by construction companies in 2012-2020 on the basis of the total number (thousands of people)



Distribution of construction companies according to number of employees (%)



## The most important specialities in the context of energy efficiency

### Curriculum in the speciality

- Mason
- Finishing work in construction
- Carpenter
- Plumber
- Facility service person

### Occupational qualifications

- Bricklayer
- Finisher
- Carpenter
- Plumber (including ventilation technician)
- Facility service person

## How to achieve 2020 energy goals?

TARGET → RAISING THE BUILDING QUALITY TO ENSURE ENERGY EFFICIENCY OF BUILDINGS	
Energy-efficient construction activities are planned and coordinated	
<b>ACTIVITIES</b>	<b>EXPECTED RESULTS</b>
Data collection and analysis to improve national planning and coordination of activities	<ul style="list-style-type: none"> <li>• An Agreement between social partners on the appropriate levels of research, study activities and high-level research activities. The agreement is updated every two years. Studies in the field of energy efficiency of buildings will be carried out on regular two-year intervals.</li> <li>• A national data collection and national analysis of the training is based on factual research and analysis of labour market needs.</li> <li>• A high number of professionally trained building workers in the labour market.</li> </ul>
Development of a national framework to ensure energy efficiency of building	<ul style="list-style-type: none"> <li>• An Action Plan (Action Framework) has been drawn up with the Council of 23 October 2012 of the European Parliament on the Council of 23 October 2012 on energy efficiency, amending Directive 2002/92/EC and 2002/90/EC and repealing Directive 2002/90/EC and 2002/92/EC.</li> <li>• A unified list of all high-levels in the field of building sector.</li> </ul>
Creating systems of planning	<ul style="list-style-type: none"> <li>• A unified national construction policy and a mapped need for treatment decided.</li> <li>• A national network of secondary schools as a construction and training centres with both school teachers and students.</li> </ul>
Unified coordination of activities in the area of energy efficiency	<ul style="list-style-type: none"> <li>• A unified national system of energy efficiency and energy-efficient construction management.</li> <li>• A proposal to implement a system as a kind of indicator that would monitor private sector investments in energy efficiency in buildings.</li> <li>• A framework for the establishment of economic measures which can help to increase the proportion of qualified construction workers.</li> </ul>
Building capability and strengthening social partnership through sector action plan or comparable, trade and professional organisations	<ul style="list-style-type: none"> <li>• Social partners are effectively involved in the development of regulations in the field of construction.</li> <li>• A national system of practices in the field of energy efficiency in building companies.</li> <li>• A recognition system of upgrading workers' skills level for building companies.</li> </ul>

TARGET → MORE QUALIFIED WORKFORCE IN THE SECTOR	
<b>MEASURES</b>	<b>EXPECTED RESULTS</b>
Development of the qualification system of employers in the field of construction	<ul style="list-style-type: none"> <li>• The development of the qualification system and educational system via dual and jointly, offering an overall picture for professional development to the employer and employees in the sector.</li> <li>• The competitiveness of energy-efficient construction and energy-efficient construction competences, assessment of these skills is described and the qualification problems are prepared to implement the assessment.</li> <li>• The system is in place for regular assessment and renewal of the professional qualifications according to the skills needs in the construction sector.</li> </ul>
Quality assurance and raising the level of professional training in the field of construction	<ul style="list-style-type: none"> <li>• The content of vocational training is developed and modernised in the appropriate manner for energy-efficient construction.</li> <li>• Training materials in the field are updated, modernised and updated level 1 support training of construction workers.</li> <li>• New, tailor-made materials are developed and supported by methodology of grades for trainers.</li> <li>• Category training and supervised self-learning programs for vocational teachers and trainers support the delivery of knowledge and skills in the field of energy efficiency.</li> <li>• A new field-specific training possibilities are provided.</li> </ul>
Development of the professional training system in the field of construction	<ul style="list-style-type: none"> <li>• The professional training system in the field of construction is strengthened especially considering providing training at 4th-5th ECV levels.</li> <li>• Training providers and employees use increasingly diverse forms of learning (team-based work, work-based learning, self-learning based on training in situ).</li> <li>• Adult education providers are more flexible in training, providing training in different forms and methods of training, also training occupational aspects are suitable for companies.</li> <li>• A high number of professionals from companies are present as trainers and specific knowledge of companies can be used more effectively in training activities.</li> </ul>
Valuation of energy-efficient building and corresponding training in society	<ul style="list-style-type: none"> <li>• Federal information days are held regularly for at least once a year.</li> <li>• Coordinated media strategy: Good practice examples, success stories.</li> <li>• Information on energy-efficient buildings and the corresponding measures is available to all interested parties.</li> <li>• Addressing public expectations and local authorities aimed at ensuring energy-efficient renovation is started.</li> <li>• The training for construction professionals in the field of energy efficiency are conducted.</li> </ul>