

BUILD UP Skills LATVIA Factsheet	
BUILD UP skills activities of the country	
BUS Pillar I project title (contract number)	BUILD UP SKILLS LV IEE/11/BWI/507-SI2.604357
BUS Pillar II project title (contract number)	BUILD UP SKILLS FORCE IEE-12-BWI-337
Horizon 2020 Construction skills project title (contract number)	n/a
BUILD UP Skills FORCE	
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Project Partners	<ul style="list-style-type: none"> . Riga Planning Region (<i>Consortium coordinator</i>) . Kurzeme Planning Region . Vidzeme Planning Region . Zemgale Planning Region . Latvian Association of Civil Engineers . State Service of Education Quality . Latvian Environmental Investment Fund
Project website	http://www.rpr.gov.lv/bus-force/?lang=eng
Keywords	Building, renovation, deep retrofit, training, nZEB, energy efficiency
Duration	Start date: 01/11/2013 End date: 01/05/2016
Budget	EUR 488,597 (EU contribution: 75%)
Context	
Summary description ¹	The action aims at creating preconditions for overcoming barriers and identifying skills gaps in the various professions, in order to meet the 2020 targets in the building sector related to increased energy efficiency of buildings. Within the framework of the action two continuing education programmes and training materials will be elaborated for the building industry workforce: one for energy efficient engineering systems and one for energy efficient envelopes. The programmes will be licenced in six training institutions. A training of trainers will be carried out thus creating preconditions for the availability of skilled building workers for building energy efficient buildings in Latvia.

¹ <http://www.rpr.gov.lv/bus-force/?lang=eng>

Objectives	<ol style="list-style-type: none"> 1. 15 experts' group for elaboration of the training programmes established 2. 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) 3. Licences issued for two continuing education programmes to at least 6 training institutions 4. 35 trainers selected and trained to become providers of elaborated training programmes 5. The continuing education programmes tested, 50 workers trained
Target skills/ professions	<ul style="list-style-type: none"> . façade workers/ plasterer (building envelope) . engineering systems
Project's results and impact	
Results ²	<ul style="list-style-type: none"> . Qualification platform formed and training programs developed. Training materials prepared and available for further use. Two modules programme related to building engineering systems (HVAC, DHW, solar collectors etc.) and three modules programme related to building envelope (walls, roof, windows etc.) have been developed. . For bought training programs licences issued and elaborated training programs integrated in five training canters in Latvia regions. Twenty-four selected and trained to become providers of elaborated training programmes. . Training programs have been tested and during pilot trainings 52 workers trained. . Several meetings with public authorities. During reporting period at least 25 meetings have been organized. . Declaration between governmental institutions and construction industry professional organizations signed to ensure sustainability of the trainings.
Lessons learnt ³	<ul style="list-style-type: none"> . Significant number of stakeholders identified as participants of the national qualification platform in Latvia, and they have been 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. . During project duration pilot trainings for free have been offered and there has been great response and demand from workforce to attend a training. At the moment willingness to pay about

² <http://ec.europa.eu/energy/intelligent/projects/en/projects/build-skills-force>

³ <http://ec.europa.eu/energy/intelligent/projects/en/projects/build-skills-force>

	such kind of trainings have been assessed and possible financing schemes assessed.			
Success factors ⁴	Involvement of stakeholders from very early stage. It resulted in signed Memorandum of Understanding were specific actions and tasks described for main ministries and social partners involved in the construction, energy and education sectors.			
Barriers ⁵	There are currently no long term financing for energy efficiency projects in housing available. Only grant programmes are available. They create bubble effect in sector with rising prices and decreasing construction quality. Only long term financing allows companies invest in trainings for workforce.			
Key needs ⁶	<ul style="list-style-type: none"> . Support and long-term investments in housing stock - continuous work flow for workers . Requirements for skilled workforce in procurements . Energy Performance contracting . Educated customers and investors . Worker categories depending from their skills and knowledge . Prestige of construction industry . Demand for nZEB buildings in new construction . Investments in education and lifelong learning 			
Recommendations to similar projects ⁷	It is crucial to involve of target groups and main stakeholders as early as possible.			
Replicability ⁸	The training programmes are prepared and are ready can be co-financed.			
Project Common Performance indicators⁹				
Add indicators + their data	Ex ante target	Interim results	Final result	Target 2020
Number of training courses triggered by the action	2	n/a	2	4
Number of people that will be trained	50	n/a	52	11030
Number of hours taught in the frame of the courses triggered	400	n/a	400	67744
Estimated specific cost to qualify each trainee	610 euro/trainee	n/a	800	500 euro/trainee
Renewable Energy production triggered	2,100 toe/year	n/a	2.15 toe/year	463 toe/year (cumulative amount)

⁴ Input from Agris Kamenders January 2017

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Primary energy savings compared to projections	13.88 toe/year	n/a	14.35 toe/year	3061 toe/year (cumulative amount)
Reduction of greenhouse gas emissions	32.59 t CO2e/year	n/a	33.9 toe/year	7189 t CO2e/year (cumulative amount)