

BUILD UP Skills Lithuania Factsheet	
<b>BUILD UP skills activities of the country</b>	
BUS Pillar I project title (contract number)	BUILD UP SKILLS LT (BUILD UP SKILLS LT) IEE/12/BWI/460/SI2.623222
BUS Pillar II project title (contract number)	Improving competences and skills of the building workforce in Lithuania related to nearly zero energy buildings (BUILD UP SKILLS ENERGOTRAIN) IEE/13/BWI/699
Horizon 2020 Construction skills project title (contract number)	NA
<b>BUILD UP Skills ENERGOTRAIN</b>	
Project coordinator's full name	Regional Innovation Management Centre
Contact person's name	Mantas Jonauskis
Contact person's phone	00370 68 255835
Contact person's email	<a href="mailto:mantas@rivic.eu">mantas@rivic.eu</a>
Project Partners	<ul style="list-style-type: none"> <li>. Vilnius Jeruzales Labour Market Training Centre</li> <li>. Vilnius Builders Training Centre</li> <li>. Lithuanian Builders Association</li> <li>. National Association of Passive House of Lithuania</li> <li>. Centre of Training for Energy Specialists</li> <li>. Vilnius Gediminas Technical University</li> <li>. Certification Center of Building Products</li> </ul>
Project website	<a href="http://energinisefektyumas.lt/">http://energinisefektyumas.lt/</a>
Keywords	Building, training, train the trainers, certification, monitoring, nearly zero-energy buildings (NZEB), workforce qualification
Duration	Start date: 12/07/2014 End date: 12/01/2017
Budget	609,868 (EU contribution: 75%)
<b>Context</b>	
Summary description	The aim of the project is to establish a voluntary system for development and recognition of professional competencies and skills of the building workforce in Lithuania in relation to requirements for nearly zero energy buildings. To this effect, new a Qualification and Training scheme will be developed and widely promoted, while involving major stakeholders at national level. The project contributes to further developing the work of qualification platform initiated during BUILD UP Skills Lithuania.
Objectives	To establish a voluntary system for development and recognition of professional competences and skills of the building workforce in

	<p>Lithuania in relation to requirements for nearly zero energy buildings comprised of:</p> <ul style="list-style-type: none"> <li>. Voluntary employees' competence acquirement, assessment, validation and certification system (Qualification Scheme).</li> <li>. Curriculum development and train the trainers (Training Scheme).</li> <li>. A pilot implementation of developed Qualification and Training Schemes with assessment, validation, and certification of groups of workers in selected professional areas.</li> <li>. Dissemination and Promotion of the newly created Qualification and Training Schemes.</li> </ul>
Target skills/ professions	<ul style="list-style-type: none"> <li>. Façade workers/ plasterer (building envelope)</li> <li>. Roofers</li> <li>. Outdoor/ indoor carpenters</li> <li>. HVAC installers</li> <li>. Electrical installers (energy infrastructure ie. Light, power...)</li> <li>. Construction finisher</li> <li>. Heating, plumbing, ventilation, installers of RES systems</li> <li>. Tinsmith</li> <li>. Plasterer</li> <li>. Building engineering system installer</li> </ul>
<b>Project's results and impact</b>	
Results <sup>1</sup>	<p>In the course of the project the following main deliverable have been produced:</p> <ul style="list-style-type: none"> <li>. 14 technology descriptions (including requirements for competences);</li> <li>. Certification of workers and financing concept;</li> <li>. Certification rules and procedures for workers related to nearly zero energy buildings</li> <li>. Developed tests, practical exercises, questionnaires</li> <li>. Training materials for 12 training programs</li> <li>. A Guide for customers regarding requirements for architects, planners, and contractors</li> <li>. The report on implementation status of Qualifications Roadmap</li> <li>. Methodology for quality monitoring of Certification scheme</li> <li>. Report with set of updated performance indicators</li> </ul>
Lessons learnt <sup>2</sup>	<p>Involvement of the companies at the earliest possible occasion and on continuous basis leads to a better reflection of the market needs and acceptance.</p>
Success factors <sup>3</sup>	<ul style="list-style-type: none"> <li>. High commitment from consortium partners and main stakeholders</li> </ul>

<sup>1</sup> <https://ec.europa.eu/energy/intelligent/projects/en/projects/build-skills-energotrain>

<sup>2</sup> Input from Mantas Jonauskis, March 2017

<sup>3</sup> Input from Mantas Jonauskis, March 2017

	<ul style="list-style-type: none"> <li>. Endorsement of the training and qualification schemes by the construction companies</li> <li>. Efficient and effective marketing campaign</li> </ul>			
Barriers <sup>4</sup>	<ul style="list-style-type: none"> <li>. Later implementation of EU directives at national level</li> <li>. Awareness of availability of Training and Qualification schemes</li> </ul>			
Key needs <sup>5</sup>	<ul style="list-style-type: none"> <li>. Marketing campaign</li> <li>. Adjustment of the schemes towards changing market needs</li> <li>. On-going involvement of relevant stakeholders</li> </ul>			
Recommendations <sup>6</sup>	<ul style="list-style-type: none"> <li>. Involve most relevant stakeholders from the initiation to finalisation and follow up of the project</li> <li>. Always check value-added of each project activity, while aiming at stronger overall impact</li> </ul>			
Replicability <sup>7</sup>	<ul style="list-style-type: none"> <li>. It is planned to replicate developed deliverables in other construction and other sectors' areas</li> </ul>			
<b>Project indicators</b>				
<b>Common Performance Indicators</b>	<b>Ex ante target</b>	<b>Interim results</b>	<b>Final result</b>	<b>Target 2020</b>
Number of training courses triggered by the action	8	NA	12	100
Number of people that will be trained	90	NA	105	10,000
Number of hours taught in the frame of the courses triggered	600	NA	3,716	38,000
Estimated specific cost to qualify each trainee	864 euro/trainee	NA	864 euro/trainee	500 euro/trainee
Renewable Energy production triggered	7.8 toe/year	NA	13 toe/year	123.8 toe (cumulative amount)
Primary energy savings compared to projections	39 toe/year	NA	66 toe/year	619 toe (cumulative amount)
Reduction of greenhouse gas emissions	134.4 tCO2e/year	NA	228 tCO2e/year	2,134.6 tCO2e (cumulative amount)

<sup>4</sup> Input from Mantas Jonauskis, March 2017

<sup>5</sup> Input from Mantas Jonauskis, March 2017

<sup>6</sup> Input from Mantas Jonauskis, March 2017

<sup>7</sup> Input from Mantas Jonauskis, March 2017