

ENDORSEMENT REPORT

BUILD UP SKILLS LT

Solutions for achieving targets of European Energy Performance for the year 2020.



We are kindly inviting all training organizations, associations and companies to join implementation of intelligent solutions and workforce qualification improvement

The initiative, supported by many organizations in Lithuania

BUILD UP SKILLS LT, 2013

Initiatives of the European Union

Directives of the European Union have set new qualitative and quantitative requirements of energy performance of buildings and use of renewable power sources which will have to be implemented from 2018 in newly erected public buildings, and from 2020 – in all newly erected buildings.

Following applicable Lithuanian legal and regulatory acts energy performance of buildings is assessed according to energy classes which buildings are assigned to during energy certification.

Buildings assigned to class B, A and A+ are classified as low energy consuming buildings, and buildings of class A++ are known as nearly zero-energy buildings which comply with requirements applicable to buildings from 2020.



Directives

Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings

Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC

The National Energy Independence Strategy, approved by resolution No XI-2133 of the Seimas of the Republic of Lithuania of 26 June 2012

Intelligent Energy Europe projektas BUILD UP SKILLS

Referring to the tasks declared by member states of the European Union BUILD UP Skills EU project sponsored by the initiative “Intelligent Energy Europe (IEE)” offers opportunities to join our forces and to increase the number of skilled workforce in the European construction sector focusing on continuing education and training of blue-collar workers required for construction of energy-efficient buildings and effective use of renewable power source technologies.

One should pay attention that it is not a technological development programme. Key trends and extent of the programme are as follows:

- To encourage adaptation of intelligent energy solutions and experience
- Throughout Europe in 2007 to 2013 the amount of 730,000,000 € was allocated for it
- Projects with high added value to EU

Application field of BUILD UP SKILLS – long-term initiative according to IEE programmes – Continuing training of craftsmen and other workforce of constructions sector

Objectives of BUILD UP SKILLS:

- To initiate discussions with all interested parties on national level.
- To determine and assess the need for qualification of workforce in regard to efficiency of energy consumption and use of renewable power sources in a member state within the period to 2020 and later.
- To develop and harmonize qualification improvement guidelines achieving the energy policy objectives for 2020.
- To prepare precise schemes for qualification improvement courses for 2020, determining
 - needs and priorities.



Key parts of the BUILD UP SKILLS programme:



Pillar I - Strategy

The objective is to set up national qualification platforms and roadmaps to successfully train the building workforce in order to meet the targets for 2020 and beyond. Pillar I are national projects.

Pillar II - Realization

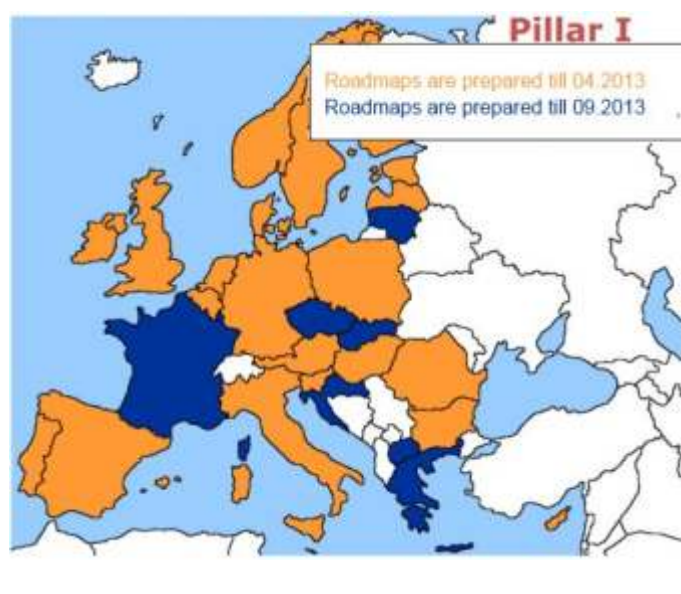
facilitate the introduction of new and/or the upgrading of existing qualification and training schemes.

EACI European exchange activities

Pillar I – Strategy, Platform and Guidelines

Pillar I BUILD UP Skills – LT project sponsored by the European Commission was implemented in Lithuania by SE Certification Centre of Building Products, Lithuanian Association of Civil Engineers, Vilnius Gediminas Technical University, Kaunas University of Technology and Regional Innovation Management Centre.

While drafting the Guidelines, participants of the project understood the significance of scientific researches, updating of training programmes in higher schools, qualification improvement of engineering staff, improvement of early vocational guidance in schools (including primary) required for achievement of the objectives, therefore pursued to attract as much interested parties as possible to preparation of the Guidelines. On the basis of the list of attracted parties a programme platform was developed.



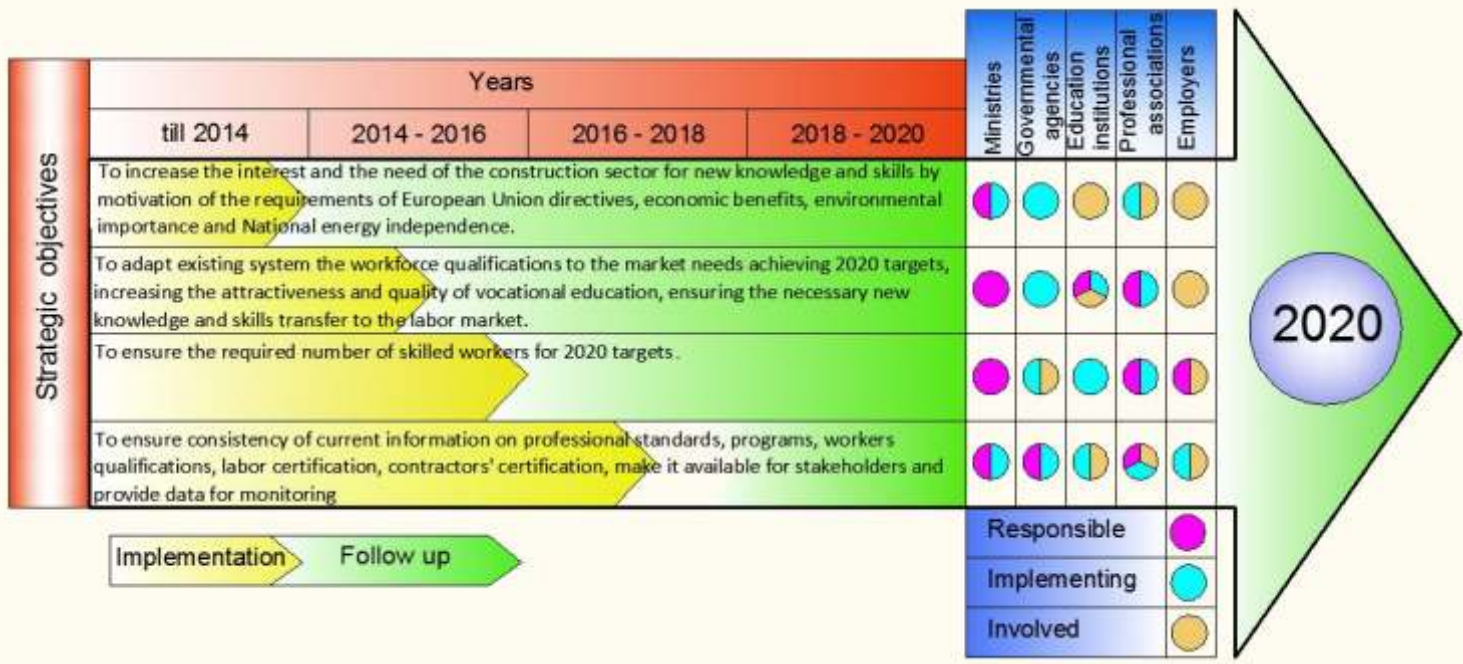
BUILD UP SKILLS LT, 2013

Seeking to determine terms and conditions of improvement of professional qualifications of craftsmen working in the field of building and production of renewable energy in buildings and readiness for implementation of the objectives of Directive 2010/31/EU, an analysis of the vocational training system in Lithuania, an analysis of training programmes related to energy performance of buildings and consumption of renewable energy sources, an analysis and a questionnaire survey of vocational training institutions were performed, and the guidelines of qualification improvement of workforce of Lithuanian building sector were prepared.



Annual forecasts of demand for qualified workers for the construction of energy efficient buildings and the installation of production technologies for renewable energy.

	Number of employees trained or improving their qualification								Total number to be trained during 2012 - 2020	Assumption that only 50% needs to be trained
	2013	2014	2015	2016	2017	2018	2019	2020		
Pessimistic scenario	7365	8987	8988	8899	9105	9017	9024	9035	70419	35210
Likely scenario	7405	9299	9350	9369	9414	9434	9160	9786	73216	36608
Optimistic scenario	7473	10012	10077	10159	10033	10503	10382	10454	79096	39548



More information about performed initiative works of the group you can find under www.energinisefektyvumas.lt



Pillar II – Qualification Improvement Schemes

The project part designed for implementation of qualification improvement schemes:

- The project is oriented towards an active need according to BUILD UP SKILLS guidelines.
- Secures introduction of new training and qualification improvement schemes and compatibility with existing qualification recognition systems.
- An offer oriented towards preparation and implementation of programmes.

The specific objective is to develop a system for competence acquisition and its recognition required for erection, renovation, operation and installation of renewable power sources which should include:

- Development of a voluntary system of workforce competence acquisition and assessment;
- Development of a system for approval of training programs and teachers;
- Verification of a trial system by training a group of teachers, and preparing and attesting several groups of employees with different specialisations according to accredited programs issuing a Competence Passport afterwards;
- Promotion of training schemes and the newly developed system.

Pillar II program was prepared by training organizations which participated in Pillar I program and which will become leaders in certain project parts:

- Lithuanian Association of Civil Engineers;
- Vilnius Jeruzale Labour Market Training Centre;
- National Training Centre for Energy Specialists;
- Vilnius Builders Training Centre;
- Vilnius Gediminas Technical University;
- SE Certification Centre of Building Products.



Please join the BUILD UP SKILLS project and participate in implementation of intelligent qualification improvement solutions!

BUILD UP SKILLS LT, 2013

Acceptance of the Guidelines

BUILD UP SKILLS LT project guidelines were introduced to the public and received active support from its participants.

We are honestly thankful to the organizations listed below which actively participated in preparation of the guidelines, and we honestly hope to achieve the set goals fulfilling the requirements applicable to energy performance and use of renewable power sources to the year 2020:

- National Training Centre for Energy Specialists
- Vilnius Jeruzale Labour Market Training Centre
- Vilnius Builders Training Centre
- Lithuanian Association of Civil Engineers
- Ministry of Economy of the Republic of Lithuania, Human Resources Development Division
- Qualifications and Vocational Training Development Centre
- Republican Association of Manufacturers of Windows and Doors
- National Passive House Association
- UAB Valkor enterprise
- UAB Siemtecha
- UAB YIT Technika
- UAB Ygle
- UAB Veikme
- UAB Tecos
- UAB Meleksas
- UAB PA Group
- UAB Dringsta
- UAB ENSO ranga, etc.



Endorsement

Representatives of the following institutions were familiarized with the Roadmap for Qualification improvement of Lithuanian Construction Sector Workers in Pursuance of the 2020 Energy Performance Targets. Some of them agree with the relevance of existing measures and expects a positive impact on the market in addition to involvement in the implementation of the measures, and the other part endorsed to the measures specified in the roadmap to ensure the readiness of construction workers to reduce energy consumption in buildings and increase the use of energy from renewable resources, support the implementation initiative of this roadmap and expressed interest and readiness to implement the measures specified in the roadmap and contribute to the dissemination of information provided in the roadmap to stakeholders:

Ministry of Environment of the Republic of Lithuania;
Ministry of Energy of the Republic of Lithuania;
Ministry of Social Security and Labour of the Republic of Lithuania;
Ministry of Education and Science of the Republic of Lithuania;
Lithuanian Labour Exchange under the Ministry of Social Security and Labour of the Republic of Lithuania;
State Energy Inspectorate under the Ministry of Energy the Republic of Lithuania;
Qualifications and Vocational Education and Training Development Centre; State Enterprise Energy Agency;
State Enterprise Certification Centre of Building Products;
Public Enterprise Housing Agency for Energy Conservation;
Lithuanian Builders Association;
Lithuanian Association of Civil Engineers;
Association of Local Authorities in Lithuania;
Lithuanian Electricity Association;
Republican Association of Manufacturers of Windows and Doors;
National Passive House Association;
Regional Innovations Management Centre;
Vilnius Gediminas Technical University;
Faculty of Civil Engineering and Architecture of Kaunas University of Technology;
Kaunas University of Applied Engineering Sciences;
Vilnius College of Technologies and Design;
Public Enterprise National Training Centre for Energy Specialists;
Public Enterprise Vilnius Jerusalem Labour Market Centre;
Public Enterprise Vilnius Builders Training Centre;
Other institutions and Business enterprises.

BUILD UP SKILLS

Lithuania

See more here:

www.energinisefektyvumas.lt

www.buildupskills.eu

Project initiated by

Certification Centre of Building Products

Lithuanian Builders Association

Vilnius Gediminas Technical University

Kaunas University of Technology

Regional Innovation Management Centre

