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# Improve Skills and Qualifications in the Building Workforce in Cyprus

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BUILD UP Skills We-Qualify

Contract No: IEE/12/BWI/355/SI2.659664

Duration: 1/11/2013 – 31/10/2016



Co-funded by the Intelligent Energy Europe  
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# Project Summary

**The Consortium:** was carefully formed and has the widest possible participation of all major relevant actors in Cyprus (6 partners in Cyprus).

**The need:** In Cyprus, according to the roadmap developed under the “Build Up Skills, Pillar I” initiative, there is a need to educate and equip with green competences at least 4.500 workers/installers for 13 different skills until 2020 (Buildings and RES technologies) identified as critical to help achieve the EU2020 national targets.

**The WE-Qualify project:** will utilize the findings of the national roadmap (Build up skills I) and will facilitate the target of reducing the skills gap between the current situation and the skills needs for 2020, by developing a training and/or qualification scheme for blue-collar workers/installers, which will focus on the most critical skills identified in the roadmap. The critical skills selected to be included in WE-Qualify based on the roadmap developed under CY-Pillar I, are:

- Skill 1: Placement of thermal insulation
  - Skill 1.1: Placement of conventional insulation/thermal insulation plaster
  - Skill 1.2: Placement of external insulation
- Skill 2: Installation of thermopanes and exterior sunshades
  - Skill 2.1: Installation of high energy efficient thermopanes
  - Skill 2.2: Installation of exterior sunshades
- Skill 3: Installation and maintenance of Biomass heating systems

**The outcomes:** provide the key components for the upgrading of existing or drafting of new SVQs to be included in the future National Qualification Framework (NQF), an appropriate training methodology and a transparent and clearly defined qualification route.



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# Background

**Background:** The Building sector in Cyprus has a 37% share of the total energy use. According to EU Directive 2010/31/EU on the Energy Performance Buildings, all new buildings by the year 2020 must be nearly zero energy buildings.

**Underlying problem:** However, although the market is continuing to grow, according to the findings of the national status quo and the roadmap developed in Build Up Skills Pillar I ([www.buildupskills.org.cy](http://www.buildupskills.org.cy)), the necessary number of qualified technical workforce for the achievement of the set targets is not available (both quantitative and qualitative) and all the appropriate training programmes have not been developed.

**Opportunity:** In Cyprus, according to the roadmap developed under the “Build Up Skills, Pillar I” initiative, there is a need to educate and equip with green competences at least 4.500 workers/installers for 13 different skills until 2020 (Buildings and RES technologies) identified as critical to help achieve the EU2020 national targets.

**Ambition:** To configure a competent workforce specialized on the Energy Performance of Buildings according to European criteria and standards, to encourage a greater number of blue-collar workers to advance their professional skills and knowledge and to help achieve the target for the construction of near zero energy buildings by 2020.



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# Objectives and main steps

- An operational qualification scheme for the workforce on the energy efficiency building sector
- Acknowledged quality standards, professional frameworks and training methodology - taking into account essential national adaptations and legislation.
- Theoretical and practical training for the blue-collar workers and the trainers
- Website offering access to a wide range of information in installation best practices and techniques, troubleshooting, available materials, techniques, etc.
- A pool of skilled, qualified workforce according to the sector of their field of expertise
- All stakeholders' groups to be informed through dissemination and National Consulting Committee (NCC)
- 5 pilot training courses implemented with at least 25 participants
- Qualification documentation presented to policy/decision makers in Cyprus
- Increasing the awareness of the enterprises and workers towards the energy targets and the need for continually improving their skills to address these targets.



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# Expected impacts

Common Performance Indicators	Target within the action duration:	Specific indicators for the action	Target within the action duration:
Number of training courses triggered by the action	<i>Five (5) training courses</i> <i>Skill 1: Two (2) courses</i> <i>Skill 2: Two (2) courses</i> <i>Skill 3: One (1) courses</i> <i>Train the Trainers: Three (3) courses</i>	Number of systems installed/placed	900
Number of people that will be trained	<i>125 people to be trained and target 100 to be qualified</i> <i>Skill 1: 50 trained, 40 qualified</i> <i>Skill 2: 50 trained, 40 qualified</i> <i>Skill 3: 25 trained, 20 qualified</i> <i>Trainers: Six (6) trainers</i>	To develop appropriate and easy adaptable training material and tools, in order to provide effective support to installers and key actors	<i>Training material and tools for three skills</i>
Number of hours taught in the frame of the courses triggered	<i>530 hours</i> <i>Train the Trainers: 30 hours</i>	Blue collar workers informed	<i>1000 persons</i>
Estimated specific cost to qualify each trainee	<i>1000 Euro/trainee for each course</i>	Inform relevant stakeholders	<i>20 stakeholders</i>
Renewable Energy production triggered (Toe/year)	<i>Skill 3: 163</i> <i>Total : 163</i>	Printed information to be distributed national	<i>1000 leaflets to at least</i>
Primary energy savings compared to projections (Toe/year)	239	Development of national qualification scheme	<i>3 national qualification schemes</i>
Reduction of greenhouse gas emissions (Ton CO <sub>2</sub> e/year)	2.423	Future training centres	<i>2 training centres in Cyprus will adopt the courses and material</i>



# Partners and Contact

## **Coordinator:**

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# Partners and Contact



**CB2:** Cyprus Productivity Centre (CPC)



**CB3:** Cyprus Organisation for Standardisation (CYS)



**CB4:** Human Resource Development Authority



**CB5:** Technical Chamber of Cyprus (ETEK)



**CB6:** Cyprus Institute of Energy (CIE)



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