

BUILD UP Skills HUNGARY Factsheet	
BUILD UP skills activities of the country	
BUS Pillar I project title (contract number)	BUILD UP Skills Hungary (BUILD UP SKILLS HU)
BUS Pillar II project title (contract number)	Upgrading training schemes for building workers and building up demand for skilled workers to boost sustainable construction in Hungary (BUILD UP Skills TRAINBUD) IEE/13/BWI/724
Horizon 2020 Construction skills project title (contract number)	'New competence for building professionals and blue collar workers - certified qualification schemes to upgrade the qualification for building nZEBs – NEWCOM' (the project is in the grant preparation phase)
BUILD UP Skills TRAINBUD	
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Project Partners ¹	<ul style="list-style-type: none"> . EMI-Non profit company for Quality Control and Innovation in Building Hungary (ÉMI Építésügyi Minőségellenőrző Innovációs Nonprofit Kft.) (<i>Consortium coordinator</i>) . Hungarian Coordination Association for Building Engineering (Magyar Épületgépészeti Koordinációs Szövetség) . Association of Adult Educators (Felnőttképzők Szövetsége) . M-12/B (M-12/B Ingatlanforgalmazó Kft) . Insomnia Ltd. (Insomnia Kft)
Project website	www.trainbud.hu
Keywords	Building, certification, nearly zero-energy buildings (NZEB), workforce qualification, energy efficiency, blue collar workforce, construction skills, renewable energy, energy efficiency training, awareness raising
Duration	Start date: 01/09/2014 End date: 31/08/2017
Budget	376,136 (EU contribution: 75%)
Context	
Summary description	<p>The actions / work planned under TRAINBUD are grounded by the following facts:</p> <ul style="list-style-type: none"> . The training and certification structure in Hungary is very complex creating heavy burden especially on SMEs;

¹ BUILD UP Skills TRAINBUD, Annex I - Description of action

	<ul style="list-style-type: none"> . There is a huge number of SMEs and HVAC workers working in the grey economy; . It is rather difficult to inspect and monitor the quality of work done in residential buildings due to the fragmented ownership structure of homes (86% of all homes are owned occupied), the lack of habit of preparing suitable contracts between home owners and renovation companies; . There is also lack of knowledge on certification and qualification systems for HVAC workers, and on financial and taxation issues among the general public; . There is short term thinking of the home owners because of lack of readily available financial resources.
Objectives ²	The aim of the project is to create a voluntary qualification system (quality labelling) based on the participatory strategy and actions of the Sustainable Construction Skill Alliance.
Target skills/ professions	blue collar construction workers, especially HVAC workers
Project's results and impact	
Results ³	<ul style="list-style-type: none"> . Reduction of GHG emissions by energy efficiency improvements and use of RES performed by trained workforce: 8.054 ton/year within action duration and altogether 370.094 ton until 2020. . Easy to reach, practical trainings for HVAC workers: 1) Additional 60 hours training of skilled workers who already acquired a HVAC qualification accepted in National Qualification Registry; 2) 7 types of 20 hours training in energy efficiency and use of RES. . Clarifying the idea of cost optimum investment for home owners and property managers. . Providing information on energy efficiency and RES solutions to home owners and managers. . Support for choosing workers and SMEs in the workmanship through events and a separate page on the created webpage. . Set up of a Sustainable Construction Skills Alliance to allow for the longer term continuation of the developed training schemes.
Lessons learnt ⁴	<ul style="list-style-type: none"> . The Sustainable Construction Skills Alliance serves to support the consortium by contributing to the development of the training material and holding the additional practical trainings. The continuous contact and work with the SCSA members encourages them to take part in the action. . New members join the Alliance after every main event of the Hungarian construction industry. The consortium can recruit members for the SCSA during these events.

² BUILD UP Skills TRAINBUD, Annex I - Description of action

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

⁴ <https://ec.europa.eu/energy/intelligent/projects/en/projects/build-skills-trainbud>

	<ul style="list-style-type: none"> . The "Train the trainers" activity was a success, because those trainers who participated in the training were satisfied and were more enthusiastic in continuing the training at their own vocational training centres. . There is high interest country-wide about the project from professional training centres thanks to the meetings of the SCSA and the marketing at relevant events from the construction field. 			
Barriers ⁵	Difficulty to attract workers because of their lack of time. Harder to reach the older generation.			
Key needs ⁶	The training and the certificate should be an advantage when performing public works.			
Recommendations ⁷	Different variation of the length of the courses and more possibilities for locations close to the working place of people.			
Replicability ⁸	Vocational training centres can continue the training with the training materials and instructions provided by the Consortium. More training centres can easily join and start the training as well.			
Project indicators				
Common Performance Indicators	Ex ante target ⁹	Interim results ¹⁰	Final result Ongoing courses	Target 2020 ¹¹
Number of training courses triggered by the action	25 for trainees 3 for trainers	1 for trainees 2 for trainers	15 for trainees	148 trainees 4 trainers
Number of people that will be trained	416 trainees 54 trainers	25 trainees 61 trainers	approximately 380 trainees	2,428 trainees 68 trainers
Number of hours taught in the frame of the courses triggered	660 hours trainees 32 hours trainers	60 hours trainees 16 hours trainers	600 hours trainees	3,560 hours trainees 40 hours trainers
Estimated specific cost to qualify each trainee	678 Euro/trainee	Approximately 200 Euro/trainee	Approximately 200 Euro/trainee	116.2 Euro/trainee
Renewable Energy production triggered (toe/year)	344 toe/year	Cannot be answered yet	Cannot be answered yet	15,804 toe/year
Primary energy savings compared to projections (toe/year)	2,006 toe/year	Cannot be answered yet	Cannot be answered yet	92,190 toe/year
Reduction of greenhouse gas emissions (tCO ₂ /year)	8,054 tCO ₂ /year	Cannot be answered yet	Cannot be answered yet	370,094 tCO ₂

⁵ Input from Viola Kelemen, April 2017

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⁹ BUILD UP Skills TRAINBUD, Annex I - Description of action

¹⁰ The trainings started in 7 vocational training centers

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