



BUilding Green Skills



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News from the BU.G.S. project

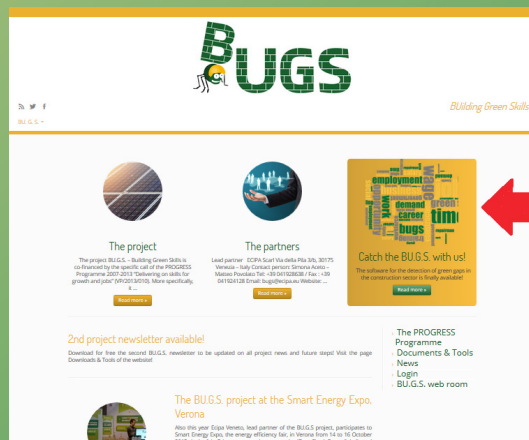
The 2016 has started with two important news from the BU.G.S. project. The first one is the launch on the web of the Platform with live chat developed by Uciliste, the Croatian partner.

The second one is the implementation of the core activity of the project: the pilot phase testing the training methodologies finalised by the Austrian partner in the second half of 2015 and structured in 2 parts: the "training the trainers" and the trainings for the end users (companies, workers, employed and unemployed people).

The BU.G.S. Platform has the main following aims:

- to **support companies, trainers, associations and public bodies** in identifying green skills gaps in the construction sector;
- to define, thanks to the BU.G.S. methodology and the utilities of the data mining analysis software, **professional**

training pathways supporting the improvement or the development of green skills in the building sector.



The Platform can be consulted at the website www.bugsproject.eu and offers specific functionalities for the different typologies of users identified:

- **companies of the building sector:** possibility to insert its own data and to receive a report on green skills gaps

compared to those available in the region and at European level;

- **associations representing companies of the building sector:** opportunity to monitor data in the belonging region, to insert data of one or more companies and to obtain a general evaluation on the green skills gaps compared to the European situation in order to define the training needs of the sector;
- **trainers and professional training centres:** opportunity to identify the green skills gaps to develop appropriate training pathways to solve sector challenges;
- **public bodies:** opportunity to know data related to a specific region and compare them with those at national level and of other countries in order to identify green skills gaps and consequently the most adequate measures to solve them.

Catch the BU.G.S. with us!



The Pilot phase

In **Italy** the pilot phase has been implemented by Ecipa with the active support of CNA Padova, affiliated partner in the project.



The training the trainers phase has started in December 2015: a group of 8 trainers specialised in building energy efficiency has been trained by Ing. Luca Vecchiato, scientific director of the project. The data mining analysis software has been presented and tested with the information of some testing companies.

The process has allowed to identify the training gaps and ad hoc training modules have been developed for three different target groups of high, intermediate and low level. In January and February 2016 three specific courses (10 people each) have been organised addressing architects, engineers, business owner and site managers, employed and unemployed people.

The initiative has been really successful and the stakeholders of the building sector have demonstrated their interest in the B.U.G.S. project and methodology. For

this reason CNA Padova has decided to include in its educational offer the B.U.G.S. training modules also after the end of the project.

In **Slovenia**, the training the trainers B.U.G.S. took place on 12th January 2016.



The training was attended by 16 individuals, coming from 10 organizations, and was held at the premises of CPU, one of the Slovenian partners. Friderik Knez (ZAG) and Valentina Kuzma (GZS) introduced BUGS project to the participants. Then Mr. Robert Smodiš talked about why do we need sustainable construction, where "green Gaps" are, what mishandling of resources and waste management mean in construction, what are the components of sustainable building, how to regulate the "green certificates" (such as LEED, DGNB, energy performance certificates, ...). Specific topics have also been analysed during the training: designing buildings supporting energy efficiency, with emphasis on building skin (modern facade systems with high thermal insulation and high

tightness of buildings - Mr. Tadej Gruden) as well as the management and sharing of renewable energy sources in the building (Mr. Damjan Konovšek).

The expectations of the participants generally matched the objectives of the training. The participants appreciated content of the training, the training methodologies and also organization of the training and specifically the structured learning experiences. The BUGS training for end users will be held in the end of the February.

In **Austria**, the "training the trainers" module was held on February 5th 2016 by EEE Güssing in its premises.



The selection of the 8 participating trainers was carried out in cooperation with "BFI Steiermark", one of the two major Austrian training institutions. Most trainers are having, additionally to their training activity, a company background experience in the photovoltaic, or at least in the building electricity sector. The training focused on the methodology for detecting



green skill bottlenecks, through the BUGS data mining analysis software, and on the structured development of tailor made training pathways more and more required to meet the deadlines of the directive 2010/31/EU. The participants' feedback was very positive.

The training of the indirect target group is scheduled for end of February – beginning of March.

In **Croatia** the “training the trainers” module was held on the 21st of January 2016 by Obrtničko učilište at the premises of the School for Electrotechnics in Zagreb. Altogether 31 trainers from all parts of

Croatia have participated in the training. The first part of the training was held by dr.sc. Tomislav Capuder (FER). Besides introducing the BU.G.S. project, he talked about the renewable energy sources with an accent on energy of the Sun, relevant data and technology. Afterwards Zdravko Jašarević introduced a practical training at photovoltaic systems in the laboratory of the School for Electrotechnics in Zagreb. As last part the trainers were introduced to the BU.G.S. software and the methodology for development of training pathways. As a result the trainers have developed a training path for the BU.G.S. indirect target - lower skilled workers in the

field of photovoltaic and solar thermal systems. The participants' feedback was very positive.

The training of the indirect target group is scheduled for end of February – beginning of March.



What others think about us?

An external expert from the Slovenian Building and Civil Engineering Institute has been selected to analyse and evaluate the outputs of the BU.G.S. project. At the moment, the work packages 2 and 3 have been analysed and the results have been really positive.

More specifically, the structure and the content of the *BUGS Synoptic report on the analysis of EU legislation, the Guidelines to set up the green skills gap identification and the data mining analysis method* show very good relevance to the project targets, good usability and excellent transferability potentials as well as territorial awareness. The WP3 *Synoptic report on Task 1: Identifying the range of practices employed and Task 2: Good practices of self-evaluation*

and training has been analysed on the basis of four main criteria and the results can be summarized as: very good relevance to the project targets, excellent usability and very good transferability potentials as well as territorial awareness. Minor comments of mostly technical character are listed and few recommendations are given for further considerations of the project partners.

For more details on the evaluation results, the evaluation reports can be downloaded for free at the following link: <http://www.bugsproject.eu/documents-tools/> Concerning the training pilot phase, trainers and final users expressed positive comments on the organisation of the training modules and the contents

provided. In Slovenia a trainer, working in the national institute for curricula development, underlined the need for more trainings as the ones organised within the BU.G.S. project, as a tool for professional development. Finally, in Italy and Croatia participants required the translation of the BU.G.S. Platform in the national language in order to simplify the access and usability of the data mining analysis software to local companies and stakeholders.



Release of the project video:
end of APRIL 2016

Project final conference:
12 MAY 2016, VENICE

Next B.U.G.S. Newsletter:
end of MAY 2016

For further information on the project, please contact the partners clicking on their logo here below:



www.bugsproject.eu



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