

# Results of the validation phase. National products are ready for production and subsequent implementation



## Better Building

Certifying VET teachers  
as energy saving advisers.

A transfer system into  
three different European  
societies

### EDITORIAL:

#### **New policies and laws concerning energy saving – impulses for the implementation of the Better Building materials**

Due to a new law in Slovenia (Jan. 2009) 25% of energy must be provided by renewable energy in every house. Thus it is expected that the materials elaborated for VET will be of added value to the training system in Slovenia in general.

From 1 January 2007, energy certification has been a necessary condition to securing tax incentives for the restructuring of buildings made to improve energy efficiency in Italy. On 20 March 2008 the Italian Government and Regions reached preliminary agreement on a draft national legislative bill dealing with the criteria and the minimum requirements to calculate the energy efficiency of buildings, as well as, on the requirements of the assessors authorized to carry out these tests. Moreover, the Italian Government and Regions agreed on the draft decree by the Ministry of Productive Activities, which would provide for guidelines aiming at regulating the activities between the Italian State and regions on this matter.

Thus the project partners are glad they have been adapting and customising the Better Building products for some months. This newsletter will present what has been achieved in this process.

The Better Building project develops the following three products:

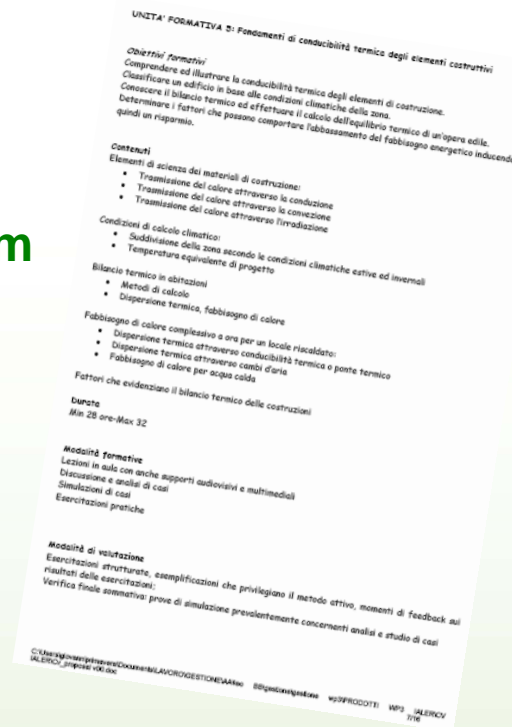
- A modular curriculum,
- didactic guidelines,
- an implementation concept.

The curricula provides learning contents and didactic materials in the field of energy consulting, especially for the renovation of existing buildings and heating and insulation rehabilitation in Italy, Turkey and Slovenia.

The didactic guidelines give suggestions on how to present these materials, with regards to the specific demands and needs of individual users and to the specific learning cultures as well as to the requirements of vocational training providers in Italy, Turkey and Slovenia.



## Modular Curriculum



*Excerpt of Italian draft*

As this is a transfer project, the “Modular Curriculum” has to be adapted for each partner country. It has to be adapted in content and duration according to a competence based approach, which especially refers to aims, contents, duration, didactic methods and evaluation methods. It is also necessary to add specific didactic materials.

In Italy e.g. some chapters have been added to the original document and for all of them contents, duration, didactic methods, evaluation methods and designed specific didactic materials have been defined. Thus, teachers, trainers, course designers and educational counsellors can easily use modules of the curriculum in their courses or trainings.

For this product the following items and concepts have been adapted, up-dated, added:

- The interactive effects between construction and environment have been analysed. This refers to the situation of the world energy supply and the primary energy sources.
- Energy budgets and the convenience of living in existing buildings have been adapted. This refers to the thermal balance of human beings.
- Legislation and regulations regarding old and new buildings have been adapted. This refers to Legal regulations regarding the national strategy concerning energy saving measures and energy enhancement efficiency especially in the domain of construction.
- Discourse of insulation materials regarding the thermo technical reconstruction of buildings has taken place.
- Heat insulation, requirements and aspects have been investigated. The goal is to achieve optimized convenience in living by reaching the right concentration of air humidity.
- Technologies regarding the thermo technical reconstruction, arranged according to categories of building components have been adapted.
- The economic advantage of additional heat insulation has been calculated.
- The use of solar energy has been analysed for existing and future buildings.







# Better

## Didactic Guidelines

For the issue of interactive effects between construction and the environment, guidelines for trainees for the implementation of consulting services in the field of slab construction rehabilitation and material consulting have been adapted.

**Leonardo da Vinci**

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**WP3**

**Output 2**

**- LINEE GUIDA PER I FORMATORI -**

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The Italian structure of the didactic guidelines

## Implementation Concept

As complementary project product the partnership has developed an implementation concept which is currently being validated. This document wants to address the needs and requirements of policy makers, various stakeholders in construction and education when the Better Building materials are ready for broad implementation into Italian, Slovenian and Turkish teaching or consulting measures.

It will be available in Italian, Slovenian and Turkish. English speaking policy makers will have access to an executive summary in early 2009. English speaking policy makers will have access to an executive summary.



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# Building

## Current activities

From 24 Oct 2008 till 25 Oct 2008 a meeting of the partners took place in Ljubljana, Slovenia. As part of the meeting the partners were taken on a “Better Building Tour” in Ljubljana, to have a look at buildings that could benefit from the projects goals. Here are a few pictures from the meeting and the “Better Building Tour”.



Some partners who got together for the plenary meeting at PapiLOT.



# Better Building

## Partnership:

The project partnership consists of 7 organisations in 6 countries.

## Promoter:

IAL CISL Emilia Romagna  
Via Montebello 2  
40121 Bologna

[www.ialemiliaromagna.it](http://www.ialemiliaromagna.it)

## Coordinator:

BEST Institut für berufsbezogene  
Weiterbildung und Personaltraining GmbH  
Mariahilfer Str. 8, 1040 Wien  
[projekte@best-training.com](mailto:projekte@best-training.com),  
[www.best-training.com](http://www.best-training.com)

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