

Visit our on line learning system to discover training materials and an exciting simulation tool:

<http://learning-content.enef-project.eu/ilias/>



Visit the EnEf Project website:

www.enef-project.eu

On the first day Gianluca Coppola - General Director of Eurocrea Merchant - opened the meeting with the presentation of the agenda and the introduction of the meeting's expected results. After this introduction were the presentation of the approval of progress report by the EC and the dissemination activities.

During the final conference of Enef - on 26th September- the participants had the chance to deepen their knowledge also in the following topics of the ENEF project: the project methodology for conducting the pilot test; results of the pilot test, feedbacks from SMEs, EnEf simulation tool, training platform and modules.

On 27th September the presentors gave heed to the Training System Pilot Test, the adjustments and final release of EnEf training system, the aims and methodology of quality evaluation, the final evaluation and the final report, the exploitation plan and its results with proposals and suggestions for future steps.

Energy Efficiency in the Building Sector: a Sustainable Future



EnEf last meeting

The final meeting of EnEf project: energy efficiency in the building sector was held in Sofia - at the Bulgarian Construction Chamber - between 26th and 27th September. This conference was the closure of ENEF and also a great opportunity to demonstrate the results of the project to the large audience of professionals - entrepreneurs, teachers, chamber of commerce, IT experts, trainees - in the construction sector.

EDITION

07

NOVEMBER 2012

EnEf Project Newsletter

Our goals

The ENEF project consortium ultimately hopes to help

Reduce emissions in the construction process

Improve comfort in housing

Improve air quality

Increase the quality of house construction

Improve building energy ratings

Increase resale value of houses in Europe

EnEf final international conference

At the final conference the participants talked about the results of EnEf project. All partners were satisfied, because all the results of the project received good evaluation. We can also see the evaluation survey - the research of the quality of learning materials - not to mention that that the project has been awarded as the 'best practices' and presented in Brussels on 23th October 2012, within the framework of the LINQ conference 2012 and on 11th October at the Conference of Renovate Europe Day Conference. The results of the pilot test, the training platform and modules and the feedbacks from SMEs were also positive.

Contents:

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- EnEf final international conference
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- World Energy Outlook 2012

Exploitation activities will aim that this learning system gets to more people from the target to construct the competence of the employees in the building sector and increase the perspective of environment protection. All the partners have the possibility to update their activities with this training system and also improve that.

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Education and Culture DG

Lifelong Learning Programme

Who participated in our survey?



135 people participated in our evaluation process.

The majority of respondents worked in small companies employing less than 10 people.

The majority of respondents either developed new buildings or made small changes to existing buildings) and most of the respondents were either owner managers of the organisation or engineers.

The respondents were very experienced; the majority of them either worked in the company for between 5 and 10 years or more than 10 years.

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Exploitation Activities

All the partner countries have a personal exploitation strategy, because of the EnEf consortium which mobilized all the required set of skills to reach the objectives of the project, involving all the players in the value chain necessary to perform the project. **The exploitation strategy** is based on the following principles: the result needs to achieve **maximum impact**, what is learnt from EnEf should **inform future policy and** the aim is to create a **virtuous cycle of influence** making results more sustainable.

The main result is the training System - made of learning contents and simulation tool - to be exploited through the following mechanisms.

Transfer can help in the dissemination, Leonardo da Vinci Transfer of Innovation project could transfer the results in other countries or the training system could be used in different contexts or for a different audience. The consortium will need an **entrepreneurial streak** to persuade manufacturers, publishers or other commercial concerns to take up the product for the **commercialisation, which means** tangible products are suitable for the end users. Transfer and commercialisation aid sustainability. It is really important to keep the results visible and available, especially through websites, hence target audiences can access them, learn from them, adapt them to their own needs. The e-learning system has to remain online for three years.

During the project meetings the partners have agreed on which actions to begin including:

- Public events (presentations, conferences, workshops...);
- Creating audio-visual products (CD-Rom, DVD, video);
- Setting up long-term collaboration with sustainability experts/strategists and SMEs;
- Developing information material (newsletters, brochures, booklets, best practice manuals...);
- Creating a product portal, etc.

World Energy Outlook 2012

80% of the Economic Potential of Energy Efficiency in buildings still untapped

World Energy Outlook 2012, IEA

In its World Energy Outlook 2012 (WEO), launched in Brussels on 20th November, the International Energy Agency (IEA) underlines the unexploited potential of energy efficiency in terms of **economic gains, energy security improvements and environmental protection**.

The multiple benefits of energy efficiency could be achieved if the currently available technologies and practices to improve energy efficiency were systematically adopted, leading to **“energy savings, by 2035, equivalent to nearly a fifth of global demand in 2010”**, according to IEA Executive Director Maria van der Hoeven. “Energy efficiency is just as important as unconstrained energy supply” she explained. Referring to the buildings sector, the WEO deplores the fact that 80% of the economic potential of energy efficiency in buildings remains untapped, largely due to **non-technical barriers**.

As the **EU’s increased dependence on imported energy** is predicted to reach record levels of over 80% by 2035, the urgency to reduce the energy demand of the EU building stock is imminent. Indeed, as the sector responsible for 40% of all energy consumed in Europe, the **buildings sector is highlighted by the WEO as the sector with the highest energy efficiency potential**.

Press Release Renovate Europe (Brussels, 20th November 2012)
www.renovate-europe.eu

Why take the course?

We learnt that the key reasons for taking part in the training programme was to improve knowledge; participants were also interested in the topic and they wanted to improve their skills and competencies.

What is the training material like?

The vast majority of participants found that the technical issues relating to energy efficiency in buildings are clearly explained and that the training programme delivers new and innovative material.

What is the simulation tool like?

Respondents found the simulation tool to be very user friendly. Respondents stated that they would use the tool to demonstrate potential energy efficiency solutions to clients. They would also use the tool to train staff in energy efficiency.

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What do you like about our learning system?

Relevant
Interesting
Innovative
Free
Innovative
Useful
Practical
Informative
Correct
Easy to follow
Enjoyable
Insightful
Improvement



The EnEf consortium

The EnEf consortium has mobilized all the necessary and required set of skills to perform the planned activities and reach the objectives of the project, involving all the players in the value chain necessary for implementing the training contents and their assessment. More specifically it constitutes:



EUROCREA MERCHANT,

coordinator. An experienced consultancy active in the area of energy, with a solid project management methodology based in Italy.
www.eurocreamerchant.it



INNOVATE, A research and training organisation focused on developing state of the art customised programmes and initiatives for organisations and

universities, based in Ireland.



SRRA, Regional Development Agency, with a consistent experience in the implementation of programmes as well as in the analysis of data, based in Slovakia.
www.srra.sk



ILI, Institut für Lern-Innovation, a University Department working on media and network-based learning and qualification systems, dealing mainly with new

technologies for e-learning, based in Germany.

www.fim.uni-erlangen.de



IDEC, A qualified Training and consultancy company, with a long experience in software and multimedia development, based in Greece. www.idec.gr



VICOMTech IK4- An applied research centre for interactive

Computer graphics and multimedia, experienced in particular in 3D simulation tools, based in Spain.

www.vicomtech.org



DIRECCION DE

ARQUITECTURA, Junta Extremadura. A Regional authority holding to the Extremadura regional's Government with competence in the area of architecture,

construction and urban planning, based in Spain.

www.juntaex.es



BCC - Bulgarian

Construction Chamber, a national representative federation of construction industry, representing 2285 SMEs company-members of Bulgaria.
www.ksb.bg

What can we do to make it better?

We are working hard to make out training programme even better.

We are in the process of reediting the materials to ensure that they are perfect.

We are also creating a simple guide to explain how the simulation tool works.

We are also working hard on improving the appearance and navigation of our learning system so that you will have a better experience with out offering.

LIFELONG LEARNING PROGRAMME FOR SMEs COMPETITIVENESS.

The Leonardo da Vinci sector programme links policy to practice in the field of vocational education and training. One of its main aim is to facilitate the development of innovative practices in the field of vocational education and training other than at tertiary level, and their transfer, including from one participating country to others.

The EnEf project is co-funded by the European Commission within the Leonardo da Vinci action Development of Innovation. EnEf aims at developing innovative contents, methods and procedures within Vocational Education and Training in the European Building Sector.

