



SEE-GREEN Senior Engagement in a Green Economy

SEE-GREEN Project

The SEE-GREEN project aims at designing flexible learning modules and contents to be delivered to senior citizens that are owners or rent a dwelling, as well as managers of senior residences, wishing to save energy and to make their home environment more energy efficient. The project intends to alleviate the lack of knowledge of senior citizens concerning measures and changes that they can bring to make their buildings more energy efficient, being them their own homes or their residences, or social clubs.

The managers of senior residences will use the materials to create awareness and implicate their residents in energy saving activities, making them an integral part of the energy efficiency efforts of their environments and residences.

See Green will use new methodologies and build up flexible, plain language adult education material on European standards and energy efficiency in buildings. The target group are European senior citizens, but the design of the materials and contents will cater for the different socio-economic, geographical or cultural situations of this age group. In this sense the project moves away from the current mainstream of considering senior citizens a homogeneous group.

The main result will be a complete training system located on an e-Learning platform including procedures, modules, and educational materials, also integrated by a simulation software tool. All will be developed based upon the specific learning needs and capacities of senior citizens. Impact of the project will be to have environmentally conscious senior citizens, able to make decisions and knowing what to demand from their residences with respect to energy saving. As non-tangible results it is important to note the increasing of knowledge and awareness on energy saving, energy efficiency and renewable energies that could potentially be transferred to other groups, sectors and regions not directly involved in the project.



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Visit the SEE-GREEN Project
website:

www.see-green.eu

You can follow the **developments of the project**: the action taken by each organization involved, side projects of the consortium members, progresses and first results.

Moreover, the SEEGREEN website hosts the **ONLINE SURVEY**: an international survey launched by partners in order to identify the training needs of owners and administrators of buildings for energy efficiency. Final aim is the development of an effective and comprehensive training plan, based on the real needs of the target group and allowing meaningful practical on-the-job learning.

SEE-GREEN workprogramme

Here the details of the SEE-GREEN tasks, organized around twelve work packages (WP) and Tasks (T)

WP1: Project Management	WP2: Development of Methodology of Analysis	WP3: Collection of information	WP4: Analysis of results
<p>T1.1: Daily management and coordination of the project; T1.2: Organization of kick-off meeting where a representative of each project partner will assist; T1.3: Development of Information Package for each partner. T1.4: Creation of an evaluation and tracking system; T1.5: Translation into English of the kick-off documents.</p>	<p>T2.1: Definition of analysis procedures; T2.2: Definition of methodology and detailed planning; T2.3: Development of methodology for the elaboration of reports; T2.4: Development of analysis tools: interviews and questionnaires; T2.5: Search of bibliography, search of related and relevant documentation; T2.6: Translation of Analysis tools in IT, EN, ES, NL, BG, GR.</p>	<p>T3.1: Identification of target groups in each Region involved according to the methodology developed in WP2; T3.2: Distribution and compilation of interviews and questionnaires; T3.3: Production of regional reports about training needs of the target group; T3.4: Translation of Regional reports from partners' languages into English; T3.5: Overall coordination of WP activities.</p>	<p>T4.1: To carry on an analysis of all the results collected through the previous WP3; T4.2: To produce a report on analysis results, to be used to direct the work of WP5; T4.3: Translation of the materials produced in the WP into English; T4.4: To monitor the activities foreseen in the WP.</p>
WP5: Definition of Training Plan	WP6: Development of Training contents	WP7: IT Tools	WP8: Training Pilot test
<p>T5.1: Preparatory study for the report; T5.2: Elaboration of the Training Plan; T5.3: Monitoring activity.</p>	<p>T6.1: Identification and first classification of support materials and contents T6.2: Development of training modules; T6.3: Development of support training materials and evaluation tools; T6.4: Translation of the training modules and materials in IT, ES, NL, BG, GR; T6.5: Overall coordination of WP activities.</p>	<p>T7.1: Creation of a Training Platform; T7.2: Development of 3D virtual representations; T7.3: Translation of platform contents in IT, ES, NL, BG, GR; T7.4: One week of internal test; T7.5: Organization of the intermediate meeting among partners in Spain.</p>	<p>T8.1: Definition of the methodology for the Pilot Test; T8.2: Selection of participants; T8.3: Organization of training; T8.4: Execution of training in each partner's Region; T8.5: Coordination of partner's actions.</p>
WP9: Evaluation of Training	WP10: Dissemination	WP11: Exploitation of results	WP12: Quality Plan
<p>T9.1: Drafting of interviews and questionnaires; T9.2: Delivery of interviews and questionnaires to all the participants involved in the Training Pilot Test; T9.3: Analysis of interviews and questionnaires and results evaluation; T9.4: Identification of possible mistakes and possible improvements of training material and e-Learning Platform; T9.5: Collection of all information from partners; T9.6: Development of a Report of Training Evaluation; T9.7: Improvement and adaptation of Training contents and e-learning platform, according to the results of the pilot test and training evaluation. T9.8: Translation of the results of questionnaires and interviews into English</p>	<p>T10.1: Production of paper-based and web-based publication materials; T10.2: Publication of the project information on each partner's website; T10.3: Organization of public events; T10.4: Creation and periodical updating of a project webpage; T10.5: Translation of webpage contents and dissemination materials in IT, BG, ES, NL, GR; T10.6: Overall supervision of dissemination activities; T10.7: Organization of final partner meeting in Bulgaria.</p>	<p>T11.1: Identification of target groups; T11.2: Partners use of the developed product; T11.3: Exploitation of the VET system; T11.4: Undertaking of all necessary actions related to the exploitation phase; T11.5: Elaboration of local exploitation plans. T11.6: Elaboration of a comprehensive exploitation plan and overall supervision of WP activities.</p>	<p>T12.1: Appointment of an External Quality Manager; T12.2: Daily monitoring of project progress and organization of monthly project consortium virtual meetings; T12.3: Undertaking of potential measures to correct deviation, in case they occur.</p>



THE SEE-GREEN CONSORTIUM

The SEE-GREEN 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 platform and their assessment.



KICK-OFF MEETING

On 16th November 2011 the Kick-off Meeting took place in Milan, with the aim to plan in detail the activities foreseen during the next two years. Representatives of each partner organisation attended the meeting and actively participated in the debate, exchanging different views and approaches to the project management. The meeting served in particular as an occasion to agree altogether on the division of tasks and responsibilities.

AGENDA:

- ❖ WELCOME
- ❖ PARTNERS' PRESENTATION
- ❖ WORKPROGRAMME
 - Overview
 - Presentation of the project handbook
 - Task division among partners
 - Timetable
 - Questions
- ❖ QUALITY MANAGER PRESENTATION
 - Purpose of the quality management plan
 - Project planning and control
 - External and internal evaluation tools and models
- ❖ BUDGETARY AND FINANCIAL ISSUES
 - Budget
 - Payments
 - Justifications
- ❖ CLOSING
 - Next Meeting
 - Questions and further issues



EUROCREA MERCHANT (Italy) – coordinator – is an experienced consultancy active in the area of energy, with a solid project management methodology based in Italy.

www.eurocreamerchant.it



AGE CONCERN (The Netherlands), Age Concern is a private held company working in the field of living, wellbeing, care and education. Thanks to its expertise in demand driven supply for elderly, it developed a methodology for the emancipation of the elderly in defining their living and care situation.

www.ageconcern.nl



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www.crystalclearsoft.com



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www.fundacionyuste.es



STAFFORDSHIRE UNIVERSITY (United Kingdom), is a large urban University, which has an important experience in developing learning material at a variety of levels.

www.staffs.ac.uk



BULGARIAN CONSTRUCTION CHAMBER (Bulgaria), is a national representative federation of Construction industry, representing 2285 SMEs company-members, and 7 associated specialised member-federations.

www.ksb.bg

EUROPEAN LEGISLATION

On 18 May 2010 a recast of The Directive on energy performance of buildings (2002/91/EC) was adopted in order to strengthen the energy performance requirements and to clarify and streamline some of its provisions.

This directive is the main legislative instrument at EU level to achieve energy performance in buildings. Under this Directive, the Member States must apply minimum requirements as regards the energy performance of new and existing buildings, ensure the certification of their energy performance and require the regular inspection of boilers and air conditioning systems in buildings.

Directive 2010/31/EU contributes to achieving this aim by proposing guiding principles for Member States regarding the energy performance of buildings.



EUROPEAN POLICIES ON ENERGY EFFICIENCY

Energy efficiency is at the heart of the EU's Europe 2020 Strategy for smart, sustainable and inclusive growth and of the transition to a resource efficient economy. Energy efficiency is one of the most cost effective ways to enhance security of energy supply, and to reduce emissions of greenhouse gases and other pollutants. In many ways, energy efficiency can be seen as Europe's biggest energy resource. This is why the Union has set itself a target for 2020 of saving 20% of its primary energy consumption compared to projections, and why this objective was identified in the Commission's Communication on Energy 2020 as a key step towards achieving our long-term energy and climate goals.

Nearly 40% of final energy consumption is in houses, public and private offices, shops and other buildings. Energy performance of buildings is key to achieve the EU Climate & Energy objectives, namely the reduction of a 20% of the Greenhouse gases emissions by 2020 and a 20% energy savings by 2020. Improving the energy performance of buildings is a cost-effective way of fighting against climate change and improving energy security, while also creating job opportunities, particularly in the building sector.



3D SIMULATION TOOLS

One of the most innovative aspect of the SEE-GREEN project is constituted by the creation of customized 3D simulation tools.

Simulations and 3D virtual representations for learning will allow participants to observe different practices in buildings with different energy consumption in different countries.

These tools will be particularly useful for the development of a practical on-the-job learning, based on the simulation of best practices in the use of various energy efficient products.

Moreover, 3D tools will allow the calculation of energy saving and cost cutting.

The online Platform for e-learning, 3D simulation tools included, will be online by January 2013, when the Pilot test will start.

