Master and Post Graduate education and training in multidisciplinary teams implementing EPBD and beyond

IDES-EDU

IDES-EDU aimed at providing training for architects and engineers on integrated multidisciplinary building design. IDES-EDU improved existing curricula and training programs, promoted exchanges between students and professionals, accelerated the certification and accreditation of the courses at national level, as well as provided a framework for European certification. The project delivered a multimedia teaching portal to make the educational packages available to graduate students and building professionals in Europe.

Results

• Successful collaboration between engineers and architects for a defragmentation of the design process is necessary. IDES-EDU educational packages and lectures proved to be successful for training both architects and engineers. It has also specific educational packages that are dedicated to the collaboration of engineers and architects and working in cross-disciplinary teams.
• 3. IDES-EDU contributed for the setting up of knowledge alliances, and demonstrated that the collaboration of universities and the building sector is crucial for achieving well-trained professionals. The project piloted a new basis of collaboration between universities and local business partners in knowledge alliances in a real Life Learning Lab setting.
• 1. Universities inside and outside the consortium as training providers are starting to use IDES-EDU course materials.
• REHVA is collaborating with the Architects Council Europe (ACE), CECODHAS Housing Europe and iiSBE, the International Initiative for a Sustainable Built Environment on the training of professionals. It is foreseen that the foreseen activities contribute to the training of 2000 engineers and 5000 architects by 2020.
• A general framework for the training and education building objects to be used by students and post graduate participants in the practical design cases and elaborated designs and terms of references for building objects by each educational institute and Business plans for realization of the building objects by the participating educational institutes and the members of the collaborating national consortia.

Lesson learned

• It is difficult to implement a total new master course at once in existing educational systems. However, a step-by-step implementation is possible.
• IDES-EDU started as an action to support the implementation of the EPBD. Half way the project
the focus was much more on the support for NZEB construction and renovation. Not only the need for education of students but especially the need for continuous training and development of professionals in integrated NZEB and retrofitting is strongly increasing.

- Knowledge Alliances between the educational sector and business sector are a powerful way to facilitate the education and continuous professional development in NZEB principles. Especially the concept of Real Life Learning labs is attractive for students to gain practical experience in a collaboration with experts from companies.

**Partners and coordinator**

<table>
<thead>
<tr>
<th>Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cauberg-Huygen Raadgevende Ingenieurs bv [1]</td>
<td>Netherlands</td>
</tr>
<tr>
<td>Fachhochschulstudiengänge Burgenland GmbH [2]</td>
<td>Austria</td>
</tr>
<tr>
<td>Université de La Rochelle [3]</td>
<td>France</td>
</tr>
<tr>
<td>Politecnico di Torino [5]</td>
<td>Italy</td>
</tr>
<tr>
<td>Federation of European Heating and Air-conditioning Associations [6]</td>
<td>Netherlands</td>
</tr>
<tr>
<td>Warsaw University of Technology (Politechnika Warszawska) [7]</td>
<td>Poland</td>
</tr>
<tr>
<td>University of Ljubljana [8]</td>
<td>Slovenia</td>
</tr>
<tr>
<td>Lund University [9]</td>
<td>Sweden</td>
</tr>
<tr>
<td>Norwegian University of Life Sciences [10]</td>
<td>Norway</td>
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<tr>
<td>Cauberg-Huygen Raadgevende Ingenieurs bv [1]</td>
<td>Netherlands</td>
</tr>
<tr>
<td>Pecs Technical University [12]</td>
<td>Hungary</td>
</tr>
<tr>
<td>Czech Technical University in Prague [13]</td>
<td>Czech Republic</td>
</tr>
<tr>
<td>University of Zagreb [14]</td>
<td>Croatia</td>
</tr>
<tr>
<td>Vilnius Gediminas Technical University [15]</td>
<td>Lithuania</td>
</tr>
<tr>
<td>University of Minho [16]</td>
<td>Portugal</td>
</tr>
</tbody>
</table>

**Contact**

Cauberg-Huygen Raadgevende Ingenieurs bv
Netherlands

**Contact point**

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**Budget**

Overall budget: 1.251.888,00 € (EU contribution: 75,00 %)
In brief

Sector: Buildings

Duration: 03/06/2010 to 02/06/2013

Contract number: IEE/09/631/SI2.558225

Website: http://www.ides-edu.eu

Tags:

building

Media coverage

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  Glas Istre - 06/08/2013
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- [VENT DISCOURSE] [36] Development of Distance Learning Vocational Training Material for the...
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• [GREENBUILDING] GREENBUILDING
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• [PEP] Promotion of European Passive Houses
• [NEZER] Promotion of smart and integrated NZEB renovation measures in the European...
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• [SAVE@WORK4HOMES] SAVE@Work4Homes - Supporting European Housing Tenants in Optimising...
• [STABLE] Securing The Take-off of Building Energy Certification: Improving Market...
• [**KEEPCOOL** [81]] Service Buildings Keep Cool: Promotion of "sustainable cooling"
• [**SMART-E BUILDINGS** [82]] Smart-e buildings - yes we canEnable the building sector to contribute to...
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• [**STEP-2-SPORT** [84]] STEP-by-STEP renovation towards nearly zero energy SPORT buildings
• [**SAVE AGE** [85]] Strengthening Energy Efficiency Awareness Among Residential Homes for...
• [**SENTRO** [86]] Sustainable Energy systems in New buildings- market inTROduction of...
• [**SURE-FIT** [87]] Sustainable Roof Extension Retrofit for High-Rise Social Housing in Europe
• [**TACKOBST** [88]] Tackling Obstacles in Social Housing
• [**THERMCO** [89]] Thermal comfort in buildings with low-energy cooling
• [**E-RETROFIT-KIT** [90]] Tool-Kit for "Passive House Retrofit"
• [**BUILDING EQ** [91]] Tools and methods for linking EPDB and continuous commissioning
• [**TOWARDS CLASS A** [92]] Towards Class A - Municipal Buildings as Shining Examples
• [**TREES** [93]] Training for Renovated Energy Efficient Social housing
• [**REE_TROFIT** [94]] Training on Renewable Energy solutions and energy Efficiency in...
• [**KEEP COOL II** [95]] Transforming the market from "cooling" to "sustainable...
• [**TABULA** [96]] Typology Approach for Building Stock Energy Assessment
• [**USE EFFICIENCY** [97]] Universities and Students for Energy Efficiency

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