




The EI-Education project and it's main results

International workshop in Brussels
1 October 2007





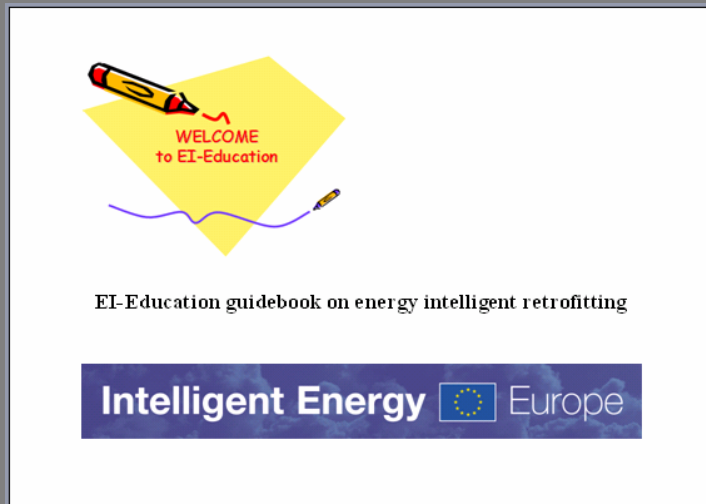
AAA - Aarhus School of Architecture, Denmark
ESV - Upper Austria Energy Association, Austria
CENERGIA - consulting engineering company, Denmark
ECN - The Energy research Centre of the Netherlands
CSTB - The Centre Scientifique et Technique du Bâtiment, France
SEC - Sofia Energy Center, Bulgaria
BCEI ZRMK - Building and Civil Engineering Institute ZRMK, Slovenia
BL - National Association of Housing Companies in Denmark
Delphis - network of 14 Housing Companies - France
HF LJ - Housing Fund of Ljubljana
District Izgrev, Municipality of Sofia - Bulgaria

A group of five people (three women and two men) are standing on a city sidewalk. They are dressed in casual to semi-formal attire, including coats and scarves. The background shows a city street with trees, buildings, and a car. A sign for 'ИСПАН' is visible on the left. The text overlay is centered and reads:

EI-Education main results:

- EI-Education Guidebook
- EI-Education Platform
- EI-Education national courses
- International workshop
- Practicing and follow up

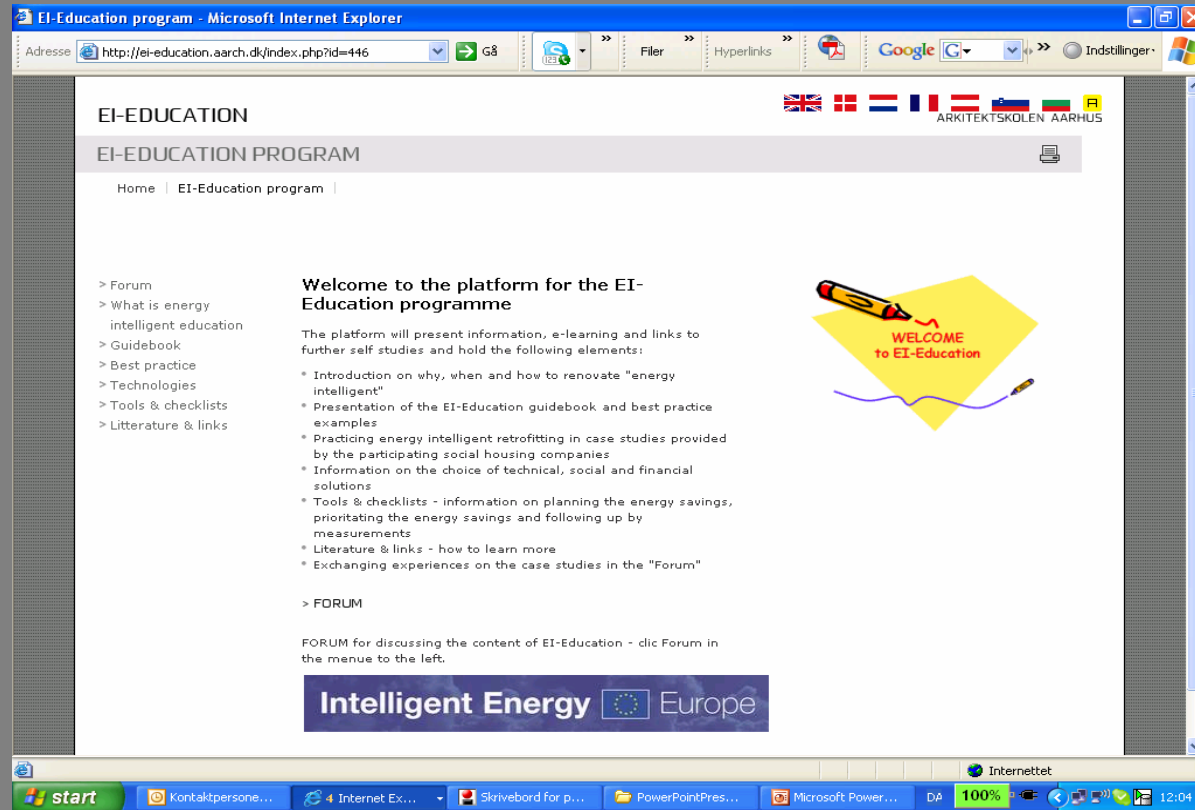
EI-Education guidebook



- Guidebook in 6 languages
- Presents 13 best practice technical solutions
- Presents 5 checklists & 9 tools
- Presents 16 best practice examples as an extract of 62 from 10 countries

EI-Education Platform

<http://ei-education.aarch.dk>



Platform in 6 languages

Tiefenregenerierung

Innovative Technologien bei der Modernisierung von Wohngebäuden

Die Modernisierung von Wohngebäuden - Ob mehrstöckiger Mehrfamilienhäuser und Reihenhäuser - und der richtige Einsatz von neuen Technologien sind wichtig für die Lebensqualität der Bewohnerinnen und bieten gleichzeitig dem Vielzahl von Möglichkeiten zur Energieeinsparung.

Das zweifelhafte Tiefenregenerierung ist nicht nur, indem man bei innovativen Technologien und Lösungen bei der Modernisierung von Wohngebäuden. Es werden Gebäudesicht, Lüftungssysteme und Fragen zur Heiztechnik, Hydraulik & Pumpen behandelt sowie Vorgehensregeln präsentiert. Eine Diskussion zu einem modernisierten Mehrfamilienhaus in Uitz, bei dem eine Reihe innovativer Technologien eingesetzt wurden, rundet das Tiefenregenerierung nur ab.



Program

9. April 2007

- Grundriss
- Innovative Fassadenformen, Dämmertechniken
- Gebäudesicht & Fenster
- Lüftbarkeit, Schicht
- Diskussion

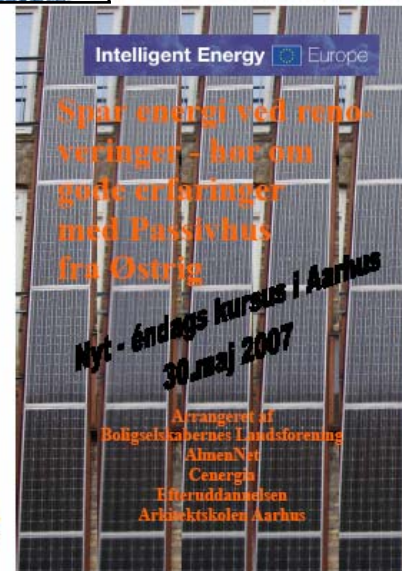
10. April 2007

- Lüftungssysteme
- Vorgehensregeln
- Hydraulik, Pumpen
- Schichttechnische Anlagen
- Biomasse Heizanlage






Ei-Education



Intelligent Energy  Europe

Spar energi ved renoveringer - hør om gode erfaringer med Passivhus fra Østerg

Nyt - én-dags kursus i Aarhus
30.maj 2007

Arrangeret af
 Boligselskabernes Landsforening
 AlmenNet
 Cenergie
 Efteruddannelsen
 Arkitektskolen Aarhus

El-Education

De workshop Energie-Intelligente renovatie in de sociale woningbouw is een onderdeel van het Europese project El-Education, met doel van het project is het verspreiden van informatie over energie-intelligente renovatie aan woningcorporaties.

Partners uit Nederland, Oostenrijk, Denemarken, Slowakij, Bulgarije en Frankrijk hebben samengewerkt innovatievoorbeelden uit elf landen beschreven. Er wordt naar energiebesparende maatregelen en het toepassen van de duurzame-energie technologieën gekeken, maar ook naar de organisatie, financiering en beleid.

De voorbeelden worden een onderdeel van het innovatiehandboek. Het innovatiehandboek samen met aanvullende informatie wordt via het internet beschikbaar gemaakt.

In elk participant land een workshop met woningcorporaties gehouden. In het najaar organiseren de partners samen met CBO/OWAS, het Europese overlopende organisatie voor woningcorporaties, een internationale seminar over energie-intelligente renovatie.



L' ISLE D' ABEAU (Frankrijk)

81% energiebesparing
 Exploitatiekosten verlaagd
 door energie- en waterbesparing
 Duurzame energie, zonnepanelen en zonnecollectoren



RAAMSDONK (Nederland)

Geeft gebruik verlaagd met 70%
 Huur en energiebesparing gegarandeerd door
 woningcorporatie
 Buitenruimte met steenstijpe - nieuw uitzicht




ECN - Energieonderzoek Centrum Nederland
 nodigt u uit voor een
Workshop
ERGIE- INTELLIGENTE RENOVATIE
N DE SOCIALE WONINGBOUW
 25 juni 2007
 UTRECHT




KOPENHAGEN (Denemarken)
 57% energiedoelstelling
 Uitbreiding van keukens met geïntegreerde zonnepanelen
 Integratie van zonnecellen, energie-efkelder, warmtebestuuring



STEYR (Oostlenjck)
 70% energiedoelstelling
 Passiefhuis isolatieconcept
 Nieuwe thermisch-isolatieconcepten balkons in bewoonde appartementen
 Gebouwschik bijna vrij van koudtebruggen

An international workshop



Workshop
**'Training for energy efficiency -
know-how from & for social housing organisations'**
1 October 2007, Brussels

Energy efficiency is an issue of increasing importance for social housing organisations: protecting their tenants against rising energy prices, responding to the changing legal framework in the EU member states as well as a shared commitment to combat climate change. Particularly in the field of energy refurbishment, new skills and know-how are necessary to respond to this challenge.

The workshop aims to analyse training needs and interests of social housing organisations and to present and discuss practical examples of training initiatives as well as best practice examples for energy-efficient retrofitting of social housing.

The workshop is held in the framework of the 'E-Education' project, supported by the Intelligent Energy Europe Programme.

Programme

- Welcome & Introduction
Marco Giardini, CECODHAS & O.Ö. Energieparverband
- Training needs and interests of social housing organisations
Sonja Edwards, CECODHAS
- European projects supporting social housing organisations in energy efficiency & the challenge for social housing organisations to respond to new regulations arising from EU policies
Paula Cadima, European Commission, Executive Agency for Competitiveness and Innovation
- The E-Education project and its main results
Elsebeth Torkelson, AAA
- Energy intelligent retrofitting of social housing - the EI Guidebook
Henk Kaaen, ECN, NL

Training initiatives & successful retrofitting of social housing - practical examples from around Europe


- Mikael Grinda Rasmussen, Boligselskabet Landorganisation & Peder Weisig Pedersen, Copenhagen, Denmark
- Christiane Egger, O.Ö. Energieparverband & Ingrid Domenig-Meisinger, Architect, Austria
- Dominique Caccavello, CSTB & Chloé Mariette, Delphis, France
- Marijana Sijancic Zivc, ZPMK & Ljubljana Housing Fund, Slovenia




Supporting & involving tenants in energy efficiency

- 'Social housing tenants act to combat climate change', Dirk Knapen, BBLv, Flanders, Belgium
- 'Energy advice for tenants', Beлина Shlyeva, Sofia Energy Centre, Bulgaria
- 'Influencing user behaviour of tenants in 5 European countries', Andreas Rainer, KWI, Austria
- Discussion

Practical information

- Monday 1 October 2007, 11.00-17.00
- Brussels, CIVA - Centre International pour la Ville, l'Architecture et le Paysage, Rue de l'Emilage, B-1050 Brussels, www.civa.be
- Languages: English & French
- Organised by O.Ö. Energieparverband & CECODHAS, The European Liaison Committee for Social Housing
- Registration: office@evor.at, for CECODHAS members: info@cecodhas.org
Participation in the workshop is free of charge. Registration is open until 20 September.

F + E + D + A + R + E + N + E
Intelligent Energy 



Result of the courses

85 social housing companies and municipalities participated in the national courses

First courses:

The Netherlands: 34 / 17

Denmark: 32 / 20

Austria: 28 / 14 (?)


Slovenia: 23 / 14

France: 20 / 13

Bulgaria: 20 / 11 (?)

Courses will be repeated!

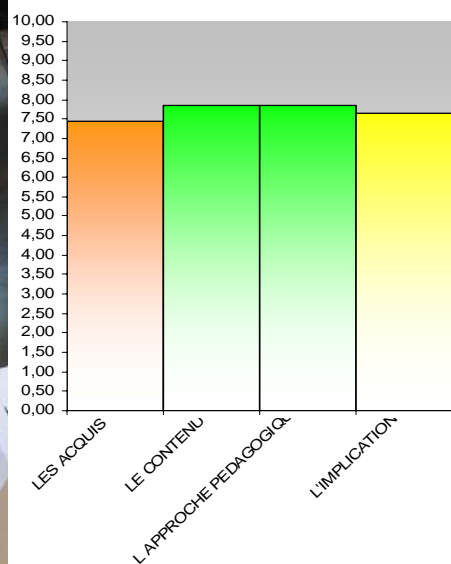
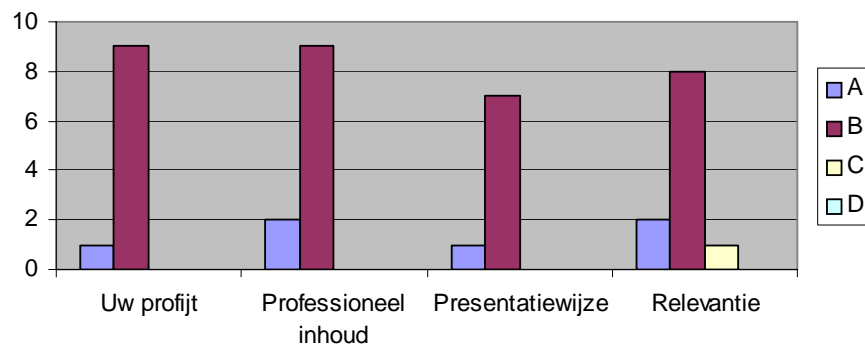
Evaluation of the courses

A group of approximately 15 people are seated along a long white table in a large, well-lit room with a whiteboard in the background. They appear to be participants in a course, engaged in a discussion or evaluation session. The room has a modern, clean aesthetic with a white ceiling and light-colored walls. The participants are dressed in casual to semi-formal attire. Some are looking towards the camera, while others are looking at papers or devices on the table.

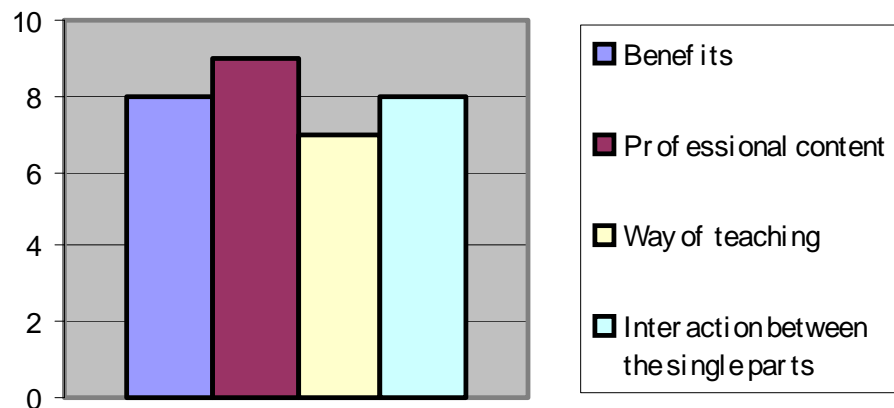
The evaluation tool is a scheme of 10 questions that the participants fill in before leaving the course

The evaluation has the following purpose:
Listening to the participants points of view to make the course better

Evaluatie van de Workshop Energie-intelligente renovatie in de sociale woningbouw



Energierichtig renovering



Participants comments

- More detaillling
- More concrete cases
- Include tenants
- Different forms of ownership
- Innovative solutions interesting
- Passiv house

E-learning



- First the course
- Then go home and study and use the information on the platform


A group of people are seated around a light-colored wooden conference table in a meeting room. In the foreground, a man with grey hair and glasses, wearing a black shirt, looks towards the camera. Next to him, a man in a white shirt rests his chin on his hand, looking at a large document spread on the table. To the right, a woman with glasses is drinking from a white cup. In the background, another person is partially visible. The table is cluttered with various items: several white coffee cups on saucers, a white electric kettle, a black folder, a pen, a small plate with a cookie, and a mobile phone. A laptop is open on the left side of the table. The room has large windows with white frames in the background.

The platform must be introduced at the course.
The information on the platform must be easy to
access, to understand and to use.

Other results

- Information to other projects
- More courses
- Concrete projects





Thank you for
your attention!