



INTERNATIONAL CONFERENCE AND EXHIBITION ECOLOGICAL BUILDING RETROFIT



Foto: Ernst Schweizer AG

INTERNATIONAL CONFERENCE AND EXHIBITION ECOLOGICAL BUILDING RETROFIT 13 to 15 October 2005 -Kunsthhaus Weiz

ENERGY FESTIVAL WEIZ

Thursday, October 13th 2005. 17:00 – 21:00

Kunsthhaus Weiz

Program:

- 17:00 Welcome Speech
Helmut Kienreich, Mayor of Weiz, Austria
Johann Seitinger, Member of the provincial government for Environment and Housing
wohmodern (“modern living”) – a joint project between the Austrian Federal Government and the Province of Styria
Dipl.-Ing. Josef Pröll, Minister at the Federal Ministry of Agriculture and Forestry, Environment and Water Management - enquired
Eastern Styria – a European “model region for renewable energy”
Ing. Horst Fidschuster, EU regional management, Großwilfersdorf, Austria
Energetic building retrofit – 10 reasons for efficiency and cost effectiveness
Arch. Dr. Burkhard Schulze- Darup, Nürnberg, Germany
Added value for the region through retrofit initiative
Dr. Michael Weingärtler, Austrian Institute of Economic Research, Vienna, Austria
Round table: “Ecological building retrofit – starting points for the region of Eastern Styria”
- **LAbg. Erwin Gruber**, Representative of the Energy Region Easter Styria – Project, Gasen, Austria
 - **HR Dipl.-Ing. Dr. Wilhelm Himmel**, FA19D-Department of the Styrian Provincial Government, Graz, Austria
 - **Dipl.-Ing. Wolfgang Jilek**, Provincial Energy Commisioner, FA13B-Department of the Styrian Provincial Government, Graz, Austria
 - **Dir. Ing. Walter Schiefer**, Feistritzwerke Steweag AG, Gleisdorf, Austria
 - **Ing. Ewald Selvička**, AEE INTEC, Gleisdorf, Austria
- 19:00 Break
- 19:30 Panel discussion: “How much living space do people need ?”
- **Wolfgang Enthaler**, Weiz
 - **BMST KR Ing. Werner Frömmel**, Construction Guild of the Province of Styria
 - **Hanno Loidl**, HANLO Haus
 - **Dr. Siegfried Kristan**, A 15 Department of the Styrian Provincial Government, Graz, Austria
 - **Arch. Dipl.-Ing. Werner Nussmüller**, Graz, Austria
 - **Hermes Phettberg**, Artist
 - **Mag. Oswin Donnerer**, Town Councillor for Environmental Affairs in Weiz, Austria

Arch+Ing



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INTERNATIONAL CONFERENCE AND EXHIBITION

ECOLOGICAL BUILDING RETROFIT

Friday, October 14th 2005 9:00 - 18:00

Kunsthau Weiz

Program

- 8:30 Registration and coffee
- 9:00 Welcome Speech
Ing. Christian Fink, AEE INTEC, Gleisdorf, Austria
Helmut Kienreich, Mayor of Weiz, Austria
LHStv. DI Leopold Schöggel, Vice Governor of the Styrian Provincial Government
- 9:10 **General conditions for ecological retrofit**
- New tools for building quality and protection of climate – EU Building Directive, energy certification and ecological standards in the financial aids for housing
Dipl.-Ing. Walter Hüttler, Austrian Energy Agency, Vienna, Austria
 - Demolition of buildings or retrofit – the ecological Quick Check of existing buildings
Dipl.-Ing. Dr. Bernhard Lipp, Austrian Institute for Building Biology and Ecology, Vienna, Austria
 - The role of residents during the retrofit project: do they prevent or give the impetus ?
Dipl.-Ing. Georg Tappeiner, Austrian Institute for Applied Ecology, Vienna, Austria
- 10:30 Break
- 10:50 **New technologies and energy systems for building retrofit – part I**
- Application of passive house components at an energetic building retrofit
Arch. Dr. Burkhard Schulze Darup, Nürnberg, Germany
 - Vacuum insulation – “state of the art” and chances for building retrofit
Dipl.-Ing. Markus Erb, Eicher+Pauli GmbH, Liestal, Switzerland
 - Phase-change materials (PCM) – “mass with class”
Dipl.-Ing. Thomas Hör, maxit, Germany
 - A new vision – passive house windows in old buildings
Dr. Berthold Kaufmann, Passive House Institute Darmstadt, Germany
- 12:30 Lunch
- 14:00 **New technologies and energy systems for building retrofit – part II**
- Building with historical facades – possibilities and limitations of the indoor insulation
Ao. Univ.Prof. Dipl.-Ing. Peter Kautsch, Graz University of Technology, Austria
 - Straw – an ecological insulation material in the retrofitting
Bmst. Ing. Heribert Hegedys, Haus der Baubiologie (Institute for biological construction), Graz, Austria
 - Ventilation systems in buildings – isn't possible, doesn't exist
Dipl.-Ing. Johannes Werner, Ebök Ingenieure, Tübingen, Germany
 - Hot in the city – sustainable retrofit concepts for office buildings
Dipl.-Ing. Ernst Blümel, AEE INTEC, Gleisdorf, Austria
- 15:20 Break
- 15:40 **Realised projects**
- Energetic retrofits of educational buildings – overview of realised projects in the framework of a IEA working group
Dipl.-Ing. Heike Erhorn-Kluttig, Fraunhofer Institute for Building Physics, Stuttgart, Germany
 - Tradition is the dissemination of fire and not the worship of ashes – realised retrofit examples of residential and office buildings
Arch. Dipl.-Ing. Georg W. Reinberg, Vienna, Austria

- Hoheloostraße 1+3 – the first passive house in rented apartments
Arch. Dipl.-Ing. Walter Braun, Technical Manager GAG (Aktiengesellschaft für Wohnungs-, Gewerbe- und Städtebau), Ludwigshafen am Rhein and lecturer at the Technical University of Kaiserslautern, Germany
- Contracting in the retrofit – examples of residential and office buildings
Dipl.-Ing. Gerhard Bucar, Graz Energy Agency, Graz, Austria

17:00 **International EU - Project: "EU-Solar Building Exhibition 2005"**

International concept of effective town development

Arch. Peter-M. Friemert, Operating agent of the whole EU-projekt, Hamburg, Germany

Followed by:

Ecological wine tasting with **Jörg-Martin Willnauer**, cabaret artist and entertainer

Conference language:

German with simultaneous translation into English

The event targets at decision makers in public administration, building developers, architects, representatives of implementing companies, facility engineers, as well as mayors, municipal representatives, and energy consultants from the entire European Union, with a focus on the new member states.

Saturday, October 15th 2005, 9:00 - 16:00

Kunsthau Weiz

Program:

9:00 - 16:00 **Exhibition** and presentation of the building exhibition



9:30 - 15:30 **Excursion "EU-Solar Building Exhibition 2005" – cost efficient & energy optimized buildings in and around Weiz**

Single family residential building with solar assisted space heating
Office buildings, passive house design, ventilation system
Passive house settlement with mechanically ventilated systems and photovoltaic systems
Office building, passive house design with photovoltaic system
Low energy single family residential building with pellets heating
Low energy single family residential building with solar assisted space heating
Low energy single family residential building with underground heat exchanger
Low energy office building with bio mass and solar assisted space heating
Bio mass heat plant, fuel: wood chips

Parallel program:

10:00 **"Energy day"** in the framework of the CONCERTO Project **"Energy in minds"**
Energy consulting, lottery, plant oil driven cars, electric traction for big and small etc.

Conference fee (EUR):	Normal Price	Members of AEE/ Students
October 13-15th 2005	€ 145,-	€ 120,-
Double days - Th.+Fri. or Fri.+Sat.	€ 120,-	€ 100,-
Single day Friday	€ 100,-	€ 80,-
Single entry wine tasting	€ 25,-	€ 20,-
Single day Saturday	€ 35,-	€ 30,-

Price includes list of proceedings, lunch, break catering and the evening event on October 13th and 14th 2005, as well as the excursion documents and the bus ride on October 15th 2005.

Organiser:



Supported by:



EUROPEISCHES KOMMISSION
Europäischer Fonds für Regionale
Entwicklung (EFRE)



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Announcement:

Registration for participation in the conference is binding

- Thursday, 13 October 2005
- Friday, 14 October 2005
- Saturday, 15 October 2005 - Excursion

Company / Institution: _____
 Titel, Name-, Surname: _____
 Adress: _____
 Phone : _____ E-Mail : _____
 Signature :

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