



REBEE



Renewable Energy and Building Exhibitions in Cities of the Enlarged Europe

NEWSLETTER

No. 09 - April 2008

InBA Kiel - Kiel Climate Day on February, 23 in the City Hall of Kiel

Conference and fair for energy conscious construction, dwelling and living

Federal state capital Kiel devoted the 2nd of February 2008 to the climate and announced it "Kiel Climate Day". On that day the City Hall of Kiel was open for everyone from 10 to 17 and over 1200 people used the possibility to listen to various lectures by scientists, experts, professionals and politicians and to discuss the climate.

After the scientific lectures the inevitable question arose - what Kiel wants to do in order to reduce the emissions, which are harmful to the climate, and what the municipal climate policy is focused on. "Federal state capital Kiel would like to create a sustainable triad in urban development: build - save money - protect the environment!", said Peter Todeskino, the mayor of the federal state capital Kiel.

Within the framework of the Innovative Building Exhibition (InBA)@ Kiel 2008, which is the major project of federal state capital Kiel for the year 2008, all the possibilities of the energetically optimised construction for existing and new buildings were presented. Overview of the participating projects and foretaste of the unique exhibition 2008 in Kiel were presented on the Kiel Climate Day.

In the afternoon future municipal energy supply in Kiel was discussed. After the introductory report with the title "Our climate friendly energy supply in the future is definitely financially feasible?!" the major Todeskino, the spokesman of Stadtwerke Kiel AG (public services Kiel) and other experts debated about new ideas for the sustainable energy supply.

At over 60 fair stands projects, ideas, initiatives, services or projects, which are energy saving, CO₂ reducing or resources preserving, were presented on that day under the motto "energy conscious construction, dwelling and living".

In two dialogue rooms people could debate with experts about various topics and ask personal questions. In particular, topics like passive house, energy-on-site-counselling, mould, solar technology and wood pellets, refurbishment, eco-power, alternative energy concepts, burgher solar units.

Mini-phenomena, suitable for children exhibition with about 50 interactive experiments, was created for young public.



Mayor Todeskino in the "Ratssaal" (council hall)



1.200 people in the rooms of the Kiel City Hall



InBA project "Gerhardschule" at the exhibition



over 60 fair stands in the great hall



childrens program

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Intelligent Energy Europe

News and Events

Renovation starts at Brogården

On the 1st of March construction work started at the REBECCEE site Brogården. The first demo house with 18 apartments will be refurbished and ready in December 2008. The other 15 buildings will follow as the work on the demo house is continuously evaluated.

The contractor is Skanska and the method used for the cooperation is partnering. This means that all actors involved at Brogården share the same objectives, finance and activities. Partnering means a lot for the quality assurance at Brogården. When working together towards common objectives, and taking responsibility for the whole process, quality is ensured at every stage. An example of this way of working is the training on May 9, when all actors involved in the renovation at Brogården will attend a shared education day.

Quality assurance at Brogården is monitored by SP Technical Research Institute of Sweden.



The municipal housing company Alingsåshem regularly inform the tenants about the renovation process through information meetings, newsletters and local broadcasting. They recently completed a questionnaire about how the tenants like their apartments and surrounding environment. This questionnaire will be repeated after the renovation. Alingsåshem has also organised a workshop involving the tenants in the future of Brogården.

Retrofitting a building from the 1970's with passive house technique is unique in Sweden and has attracted great interest from the media as well as the industry and the public.

Chinese delegation visits Alingsås

On April 7 a Chinese delegation of seven visited the City Hall of Alingsås. The group represented Dalian Dayou Housing Development Company Limited. During one week they are the guests of Alingsås Passive House Centre. The company is planning to build passive houses in Dalian together with Alingsås passive house expert Mr Hans Eek. In the City Hall they

Workshop for planners and municipal employees in Ljubljana

The workshop for municipal employees on March 26th who are appointed for investment activities and their subcontractors from design and development companies took place in a City Hall.

The programme started with presentation of REBECCEE activities in Slovenia and other partner cities. Ms Tonka Grgic presented detailed overview of realised and planned low energy and passive investments carried out by The Housing Fund of the Municipality of Ljubljana. She also mentioned the exhibition programme that will take part in June 2008 and 2009 in Ljubljana and nearby locations.

Mr Miha Tomsic presented optimal microclimatic conditions in occupied buildings and several examples of bad practice building realisations in which cases the Building Institute is asked for investigation and sanitation measures. Most problems occur due to not proper design of the building ventilation systems.

Then Mr Mehle presented the legislation on ventilation in buildings and he pointed out the major difference among the legislation requirements and practice.

The two representatives from electrical distribution company Elektro Ljubljana made technical presentation on new measurement techniques and on consumption management possibilities for big and small electric energy consumers.

Two technical experts from the Building Institute presented approach to realisation of refurbishment of a kindergarten in Gornja Radgona. It is currently in development phase and will be a good example of "factor 10" refurbishment potential. The two kindergarten buildings will be refurbished in full passive technique and the energy consumption is expected to drop from 150 to 15 kWh/m²y. The investment is supported by the Norwegian Financial Mechanism with 60% of their financial support. At the end Mr Bojko Jerman presented an update of ventilation elements and system designs with several design and realisation examples.

Most of the 25 attendees took part in a final discussion.



Workshop for planners and municipal employees in Celje

The workshop for municipal employees and their partners from design and development companies took place in a new attractive Regional Development Agency Building on March 27th.

The programme started with presentation of REBECCEE activities in Slovenia and other partner cities. Ms Tonka Grgic presented detailed overview of realised and proposed low energy and passive investments carried out by The Housing Fund of the Municipality of Ljubljana. She also mentioned the exhibition programme to take part in June 2008 and 2009.



Two technical experts from the Building Institute presented approach to realisation of refurbishment of a kindergarten in Gornja Radgona. It is now in development phase and will be a good example of "factor 10" refurbishment potential. The two buildings will be refurbished in full passive technique and the energy consumption is expected to drop from 150 to 15 kWh/m²y. The investment is supported by the Norwegian Financial Mechanism with 60% of their financial support.

Then local presenters presented new solar energy devices. Mr Felicijan presented original façade solar air heater that heats the office spaces during the winter time and in summertime the energy is used for preheating tap water for offices needs.



met with municipal commissioner Mrs Ingegerd Löfqvist and other representatives from the town administration.



Dates

Mr Miha Tomsic presented optimal microclimatic conditions in occupied buildings and several examples of bad practice building realisations where the Building Institute was asked for investigation and sanitation measures. Most problems occur due to not proper building ventilation design.

Mr Bojko Jerman presented an update of ventilation elements and system designs with several design and realisation examples.



After technical discussion, all 25 workshop attendees went to a small excursion to nearby building where the façade solar air collectors are installed and set in operation.

Workshop "Renewable energy and energy savings in housing" in Tallinn

The workshop on 4th of March 2008 was addressed to all representatives of Cooperative Housing who were interested of getting information about renewable energy and energy savings in housing. More than 100 people were taking part.

Event was taking place in Hotel Olympia Omega conference centre from 10 am till 6 pm. In workshop were discussed renewable energy possibilities and enlarged proportions in solar-power- possibilities in heating and providing hot water, energy saving problems in apartment buildings, financial support for energy saving technology, energy audit and energy marker.



The opening word was from vice mayor of Tallinn Eha Võrk and REBECEE introduction from Priit Pärtelpoeg, Tallinn Municipal Housing Board vice head.

Lectors were Tallinn University of Technology professors, Ministry of Economic Affairs and Communication, KredEx (The Credit and Export Guarantee Fund) specialists, representatives of Cooperative Housing Association and impartial specialists.

Workshop was very successful and we are already planning to organize the next one for engineers and architects.



Center for Energy Management planned in Sofia



The final session of Local Intelligent Energy Forum (as a part of BELIEFproject) for the district of Zona B5 was held on the 27th of November 2007. An action plan was approved for the implementation of 7 projects for improvement of living conditions of the public buildings involved, use of geothermal and solar energy, improvement of the green system, and construction of a center for energy management initially for the public buildings in the district and later for all municipally owned buildings in Sofia (approx. 400). The center will fulfill also functions for promotion and dissemination of new energy efficient technologies and RES. The design was made by students from the University on Architecture, Construction and Geodesy on a competition base for the forum.

upcoming

April 14th 2008
Opening of sports hall Schilksee
Kiel/Germany

April 18th to 20th 2008
Alingsås Building Expo 2008
Alingsås/Sweden

Beginning of May 2008
Laying of the cornerstone for familia super market
Kiel/Germany

May 14th 2008
"Passive House for active children"
Opening of Preschool in Stadsskogen
Alingsås/Sweden

June 2nd to 22nd 2008
First Building Expo Ljubljana
Ljubljana/Slovenia

June 12th and 13th 2008
REBECEE project meeting
Tallinn/Estonia

June 21st and 22nd 2008
International City Forum
Kiel/Germany

June 21st to 29nd 2008
InBA pre-presentation at the Kieler Woche
Kiel/Germany

June 26th and 27th 2008
Conference "Integration of Energy Efficient Solutions and Renewable Energy Sources in New and Renovated Buildings"
Sofia/Bulgaria

September 6th to 28th 2008
Innovative Building Exhibition (InBA)® Kiel 2008
Kiel/Germany

October 2nd and 3rd 2008
REBECEE exhibition and conference on Buildings, Energy and Environment
Brdo/Slovenia

April 23th to 30th 2009
EnBo09 housing and energy fair
Alingsås/Sweden

June 2009
Second Building Expo Ljubljana
Ljubljana/Slovenia



Network



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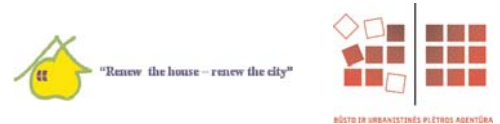
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