



Making sustainability attractive

Sustainable City Development 2007



A regional SB07 conference • Malmö, Sweden 12–14 September 2007
at Malmö Exhibition and Convention Center

Conference – Workshops – Exhibitions – Study Tours





welcome

M|E|C|O|W|E

Welcome to the Sustainable Building Regional Conference for Northern Europe!

The first Sustainable Building Conference was held in 1998 in Vancouver. It has been growing steadily ever since and gathers large numbers of building researchers, practitioners, officials, industry representatives and students from all over the world.

The latest conference took place in Tokyo in 2005 and had more than 1,700 participants. For the first time, five Regional Conferences were held all over the world prior to the Sustainable Building Conference. Local problems and solutions were presented, analysed and discussed and the results provided input to the main conference in Tokyo.

This new method for participation proved to be very successful and will be used to prepare the next Sustainable Building Conference in Melbourne 2008. I am very proud that the Sustainable City Development Conference 2007 in Malmö will constitute the Regional Conference on Sustainable Building for Northern Europe.

This conference will be a good opportunity to share experiences about building a green future and taking the discussion on sustainability one step further. The programme includes a wide range of different issues related to city development. A number of workshops will focus more on issues related to construction and buildings. The results from these workshops will be reported to the Sustainable Building Conference in Melbourne 2008.

Welcome to Malmö, the city where environment matters, and to the Regional Conference on Sustainable Building for Northern Europe!

Ilmar Reepalu

Chairman of the Executive Board



Ilmar Reepalu. (Photo: Michael Tegnér)



Sustainable City Development
Malmö Sweden 12-14 September 2007

Making sustainability attractive



A fundamental condition for creating more long-term sustainable cities is that the sustainable alternative becomes better, more beautiful, more economically advantageous and “hipper” – in short, more attractive. How can we bring about a desire and demand for sustainability? Be involved in shaping future urban solutions through active workshops and study visits. Experience examples of working partnerships between the private and public sectors that produce results.

This conference is aimed at those working with sustainable urban development in the private sector, in universities, and in public authorities in Europe.

The results of this regional SB07 conference will be reported to the global SB08 conference in Melbourne.

Exhibitions

There will be exhibitions in connection with the conference. If you are interested in an exhibition site contact grethe.lindhe@malmose.se or visit the website for more information.

Practical information

Contact Katarina Singman at Malmö Exhibition and Convention Center +46(0)40 6908521
k.singman@malmomassan.se

general info

Registration

Registration is required and a discount is offered for early registration.

- Prior to 15 April 2007 € 300 ex VAT (SEK 2,800)
- After 15 April 2007 € 360 ex VAT (SEK 3,400)

You can also register via: www.malmo.se/sustainablecity where the final program will also be available during the month of March. The registration fee includes all meals during the conference as well as the welcome dinner on 12 September and the banquet dinner on 13 September.

Tailor-make your conference

We offer 16 different workshops on 12 September connected with a study tour 13 September and two half-day workshops on 13 September. You can also tailor-make your conference according to your needs and interests. See the Programme overview on pages 4-5. The comprehensive theme at this year's conference is “Making sustainability attractive”.

In general, there are interesting full assembly lectures on the mornings of 12 and 14 September. Information about study tours can be found on page 14 in this program.

Workshop structure

Every workshop has a moderator and one or two guest speakers who will open the workshop. The moderator will summarise what each workshop has accomplished and submit this summary on Day 3, 14 September, when one moderator will compile the conclusions of the 18 workshops through the respective moderator. This full assembly summary will function as a report to the global SB08 conference in Melbourne as well as to the next Sustainable City Development conference in Malmö in 2009.



programme

Pre Programme Tuesday 11 September		Wednesday 12 September	
		08.00 - 10.00 am	Registration at the Malmö Exhibition & Convention Center Exhibitions will be opened
		10.00 - 12.00 am	Full assembly lecture with representatives for the Commission, the Swedish and British governments, and the private sector
11.00 am - 06.00 pm	Pre-Meeting and Networking Event, UK-Sweden Joint initiative for Sustainable Construction	12.00 - 01.30 pm	Lunch
		01.30-03.00 pm	Workshops no. 1 - 8 (see page 7-9)
		03.00-03.30 pm	Coffee and exhibitions
		03.30-05.00 pm	Workshops no. 9 - 16 (see page 9-12)
		05.00-06.00 pm	Time for exhibitions
06.00-08.00 pm	Introductory meeting for moderators and guest speakers	07.00 pm	Dinner with entertainment HIPP – central Malmö



Thursday 13 September			Friday 14 September	
09.00 - 10.00 am	Time for exhibitions		08.30 - 09.00 pm	Time for exhibitions
			09.00 - 10.00 am	Full assembly lecture
10.00 am <i>The Study tours start at 10 am and may vary in length. A more detailed programme will be available later.</i>	Study tours connected to the previous day's workshops (registration required).	Workshop "Sustainable Lifestyle" at the Malmö Exhibition & Convention Center. The workshop includes study tour and lunch.	10.00 - 10.30 am	Coffee and exhibitions
			10.30 - 12.00 am	Plenary including workshop summary, a panel debate with key note speakers and the closing of the conference.
			12.00 - 01.00 pm	Lunch End of conference
			01.00 - 02.00 pm	Time for exhibitions
02.00-05.30 pm	Study tours continued	Workshop "Sustainable Innovation" at the Malmö Exhibition & Convention Center	02.00 pm	Post-conference activities (registration on site)
07.00 pm	Banquet dinner with entertainment. SLAGTHUSET – central Malmö.			



UK-SWEDEN



Photo: City of Malmö



UK-Sweden Joint Initiative for Sustainable Construction

The UK-Sweden Joint Initiative for Sustainable Construction was launched at the SCD 05 conference by the Environment Ministers from the two countries to share skills and technologies in the field of sustainable construction and ultimately generate economic growth based on sustainable technologies. Since then significant progress has been made with identifying real business opportunities between the two countries and the first cutting edge UK-Sweden construction projects will be starting on site in 2007. The UK has also set ambitious targets to modernise its construction industry and dramatically improve its environmental performance inspired by Swedish experience and standards. SCD 07 will be an opportunity for both private and public sector partners to join together to explore new joint ventures and partnerships and to discuss and present ideas to participants from a broader arena, leading to intensified sustainable trade links and skills exchange between the two countries in 2008.



(Photo: Stefan Thörnkvist, City of Malmö)



(Photo: Digital Vision)



(Photo: Tor Fossum, City of Malmö)

1. SUSTAINABLE ARCHITECTURE

The discussion on sustainability often centers on technical solutions. While technical innovations and appliances are necessary to solve global environmental problems, solving the technical obstacles alone is not enough. It is essential, but many other efforts are needed too. High quality architectural design is one such important key to success. Attractiveness and enjoyment bring pleasure to the transition towards sustainability and will make us more motivated to accept change. Let's discover how exciting sustainability can be!

2. CLIMATE CHANGE COMMUNICATION

In order to meet the challenge of climate change, it is necessary to involve the inhabitants of our cities. This workshop is about how to make citizens aware of the connections between their own actions and climate change. How can we raise awareness in a way that will make people want to take action? How can we make citizens feel that their contribution is crucial and that it is both necessary and meaningful to get involved? Meet communication experts, who work both on a national and local level, and get their views on the best way to communicate climate change. Participants in the workshop will be given the opportunity to visit a showroom where the City of Malmö presents its work with climate communication.

3. MANAGEMENT AND OPERATION OF SUSTAINABLE BUILDINGS

Buildings are normally utilised for many years and they affect environmental, financial and social factors, not only during the construction phase, but for many years after the buildings are completed. The workshop will present the many current possibilities for predicting the future impact of a building with regard to sustainability, making it possible to design and construct the building and its technical equipment optimally from a long-term perspective. Furthermore, the quality of the continuous management and operation of the building play a paramount role for the long-term sustainability of the building.

12 SEPTEMBER
PART I 1:30-3:00

WORKSHOPS 1-8

workshops



4. PUBLIC PRIVATE PARTNERSHIP IN THE ENERGY SECTOR

The PPP model is based on good communication between municipalities, companies and energy companies, in other words, finding a deal that involves mutual benefits for all parties. Several successful projects have been carried out within the energy sector with catchwords such as energy efficiency, utilisation of surplus energy, system benefits, and innovative solutions. The workshop will illustrate the reasons behind the interest in PPP projects, and with the help of good examples, focus on the experiences of both the public and private sectors.



(Photo: Berne Lundqvist)

5. RENEWABLE ENERGY SYSTEMS

Our need for energy has constantly increased in modern times, a need that has been met with non-sustainable solutions. To be able to reverse this trend and move toward a sustainable society, it is important to bring to light what possibilities we have in using renewable fuel, what demands are placed on production and distribution, users' roles and also how we tie this together as a whole – a renewable energy system. The workshop focuses on renewable energy systems from a local, national, and global long-term perspective.



(Photo: E.ON)

6. SUSTAINABLE BUILDING DESIGN - DEVELOPING THE CONCEPT

John Kunz from Stanford University will head this workshop as an Integrated Concurrent Engineering session, also called a "charrette" (any collaborative session in which a group of designers draft a solution to a design problem). Charrette participants will model and predict behaviours in the early design of a new project to be built in Malmö. Workshop participants will be able to watch the design and analysis process and act as stakeholders in adding their perspectives to the modelling process. The charrette will provide a live demonstration of the strengths and limitations of current methods of sustainability analysis when integrated with the model-based processes of architectural design and construction planning and management.



(Photo: Stanford University)



(Photo: X-RAY/Leif Johansson)

7. HOW TO INCREASE ACCESSIBILITY WITHOUT INCREASING THE USE OF PRIVATE CARS

Is it possible to reduce the number of transports and still increase accessibility and mobility? Today, many cities are investing in a series of activities and projects to reduce the need for transports. Mobile offices, better public transportation, carpools, bicycle lanes and coordinated goods distribution are examples of several of these activities. The results and effects vary, so what should we invest in? In these two workshops we will discuss sustainable transport based on two perspectives: personal and goods transports. In each workshop both soft (behavioural effects) and hard aspects (physical investments) will be addressed. The workshops are independent of each other but can be combined for added benefit.

I: The first workshop deals with people's mobility. Can we get more people to leave their cars at home if we can offer door-to-door travel? In other words, by offering transport options where, for example, good public transportation alternatives, rental cars, bicycle parking or a safe walk from bus stops are included. What cooperation and what investments are necessary and important in order to be able to offer such an alternative?



(Photo: Roland Zinkernagel/City of Malmö)

8. SUSTAINABLE BUILDING IN THE NORTH SEA AND BALTIC REGION

This workshop will consist of an overview of the work for sustainable building in the Baltic and North Sea regions. What are developments and trends like in different countries and how can we work towards an exchange of experiences to ensure that all construction is more sustainable over the long-term? What obstacles and driving forces for sustainable building exist in the Baltic and North Sea regions? What is the status in these regions as compared with other parts of the world? This workshop will function as a report to SB08 in Melbourne.

workshops



12 SEPTEMBER
PART II 3:30-5:00
WORKSHOPS 9-16

9. URBAN VEGETATION AS A MEANS FOR CLIMATE ADAPTATION

Some of the challenges of the expected climate change can be met by using urban vegetation systems. The risk of local flooding can be minimised by managing storm water in open, vegetated systems and by greening rooftops. Green roofs are also an efficient way of reducing the urban heat island effect. And by planning urban tree planting in accordance with winds, wind speed can be drastically reduced and microclimate enhanced. This workshop will present facts and examples of how urban vegetation systems are a sustainable solution for many problems.



(Photo: Tor Fossum, City of Malmö)

10. URBAN PLANNING

How is urban planning contributing to sustainable development? A comprehensive approach in urban planning is both necessary and difficult - the infrastructure, the local plan, the process - are all essential parts of a very complicated whole. When working with urban ecology, a wide perspective of different challenges has to be faced on a comprehensive level. The coordination of different elements is crucial. Energy, climate, waste management, mobility, accessibility, green planning, and urban design are all aspects of urban planning and have to be coordinated. The questions discussed in this workshop are: How is this being done in different projects? Where are most efforts being focused? Is urban planning a basic condition for urban sustainability and what new steps are being taken right now



(Photo: City of Malmö)

11. A FUTURE WITHOUT OIL

Long-term sustainable development requires a major reduction in the use of fossil fuels. In Sweden, the Commission on Oil Independence has formulated a far-reaching proposal as to how we can reduce our dependency on fossil fuels. The report shows the way for a major reduction in the emission of greenhouse gases at the same time that it creates business opportunities for companies and allows a high standard of living to be retained. Interest has also been great outside Sweden. In the EU, dependence on imported gas and oil is large. How can the commission's visions and results be applied at the EU level? What is required for efficiency efforts, a changed lifestyle and new technology?



(Photo: Tor Fossum, City of Malmö)



(Photo: SKANSKA)

12. SUSTAINABLE HEALTHCARE

The healthcare sector is uniquely integrating advanced technology in already built infrastructure with flows of hazardous substances, pharmaceuticals and waste. Above all, the sector has a big socioeconomic impact as an employer, developer and service provider. Sustainability aspects of the healthcare sector such as these will be discussed in this workshop, based on examples of environmentally designed hospitals, alternative financial solutions, procurement practices, material flows and community involvement. The workshop will attempt to reach a consensus on a few statements on future sustainable healthcare.



(Photo: Daniel Nilsson, City of Malmö)

13. HOW TO REDUCE GOODS DELIVERIES WITHOUT REDUCING GOODS

The second workshop addresses how to reduce the number of goods transports and make them more efficient. How can we get small and large goods recipients to coordinate their deliveries and how can we avoid unnecessary transports?



(Photo: Ewa Levau)

14. URBAN INTEGRATION

Many cities are characterised by major gaps. Often, different ethnic groups live in separate areas and segregation seems to have taken root. This has also coincided with differences between being an outsider and an insider. But what actually is the problem? And what possibilities do we have for closing the gaps? Those are the questions that will be discussed in the workshop on Urban Integration. Special emphasis will be placed on efforts that are based on close cooperation between practitioners and researchers.



15. EDUCATION FOR SUSTAINABLE DEVELOPMENT IN CITIES

The UN has proclaimed the period 2005-2014 as a decade for learning regarding sustainable development. To support the process, the United Nations University, UNU, has appointed several Regional Centers of Expertise on Education for Sustainable development. The purpose of this workshop is, together with representatives from RCE from various parts of the world, to discuss how to develop working methods for Education for Sustainable development in cities.



(Photo: Åsa Hellström, City of Malmö)

16 SUSTAINABLE BUILDING DESIGN — TOOLS TO IMPROVE SUSTAINABILITY

The question of what sustainable building design is has been keenly discussed for at least a decade. How can aspects, including complex environmental aspects, be weighed together in formulating a long-term sustainable building design? To handle these various environmental assessment tools have been developed. Depending on the country, culture and initiator, such tools have been given totally different structures and content. The purpose of the workshop is to show at least three methods with different ways of tackling the problem and discussing their advantages and disadvantages in practical application. The three methods are LEED, which has received major support in the US, CASBEE, which is supported by authorities in Japan, and also EcoEffect, which has been developed in Sweden for Swedish conditions.



(Photo: Drago Prvulovic)



(Photo: Monika Månsson, City of Malmö)

17. SUSTAINABLE LIFESTYLE

– half-day workshop including study tour and lunch

Our individual lifestyles are increasingly coming under focus when we are talking about sustainability. The choices that all of us make on a daily basis can have a big cumulative effect, either negative or positive. While mass consumerism steams ahead, it leaves a void behind it in which quality products and experiences and different values are developing and growing, setting new trends and influencing the mainstream. Join practitioners and thinkers on sustainable lifestyles for a session of inspiration, discussion and study visits in order to come to grips with what sustainable lifestyles are and how they can create, and are created, by a more sustainable urban environment



(Photo: John Dolecek, City of Malmö)

18. SUSTAINABLE INNOVATION

– half-day workshop at the Convention Centre

Innovations will be necessary in order for global cities to develop in a sustainable way. This may involve innovations in technology, organisation, business models, etc., or within energy, water, waste, construction and transportation. The workshop will discuss innovations and what can be done to support and implement them, as well as the role of different players. The presentations will provide an overview of the topic and will allow delegates to become acquainted with innovative companies and technologies that contribute to sustainable city development.

13 SEPTEMBER
PART III 10:00-02:00

WORKSHOP 17

13 SEPTEMBER
PART IV 02:00-05:30

WORKSHOP 18



study tours

Study tours have been planned both within the city of Malmö and to relevant projects in the region. The themes of the study tours will be linked to the topics in the different workshops. Participants are free to choose which tours to sign up for, but advance registration is compulsory since some of the study tours will have a limited number of participants. Thursday is scheduled as the day for study tours with different tours in the morning and afternoon, and also some full-day long-range tours.

Examples of study tour topics are:

Biodiversity with visits to Fulltofta and the Augustenborg botanical roof gardens, energy efficient construction with visits to passive houses in Glumslöv and Jöns Ols in Lund, Sustainable Urban design with visits to the Western Harbour in Malmö and Copenhagen, Future energy systems with visits to biogas projects in the region, Education for Sustainable development with visits to local projects, Adaptation to Climate Change visiting Kristianstad, and other projects with a focus on climate change. Urban Integration and Public-Private partnership tours will be looking at special area-based projects in Malmö. Mobility will be the focus of a study tour in Lund and Malmö.

In addition, there will be a special SB07 post-conference study tour with a focus solely on sustainable building, which will cover a wider geographical area of the Scania region and projects around Copenhagen.

A complete study tour programme will be presented on the website in May.



Photo: X-RAY/Leif Johansson



find your way



- A. Malmö Exhibition and Convention Centre
- B. Rådhuset – City Hall
- C. Central Station
- D. HIPP
- E. Slagthuset

- 1. Comfort Hotel
- 2. Rica Hotel
- 3. Hotel Kramer
- 4. Hotel St. Jörgen



Climate Neutral Event

City of Malmö, Respect Europe, IVL and a number of European partners are included in the EU-financed project SECURE. As a part of this project, the conference in Malmö will be a climate neutral event.



Fairtrade city

On 17 May 2006, Malmö was proclaimed Sweden's first Fairtrade city. With that, Malmö has taken the first step towards increasing the consumption of ethically produced goods in the municipality and towards increased awareness about fair trade in Malmö.

Fair trade promotes sustainable development. When you purchase Fairtrade labelled goods you are promoting good working conditions, reasonable prices and environmental awareness. The work shall adhere to the UN's Universal Declaration of Human Rights, the UN's Convention of the Rights of the Child, and the International Labour Organization's fundamental conventions and also promote equality between men and women.

All coffee and tea that will be served during the conference is Fairtrade marked. The food that will be served is organically produced in line with the City of Malmö's ambition to increase the proportion of organic goods that the municipality orders.

In collaboration with:

			
			
			
			

