



How to achieve cost effective and sustainable buildings?

The international sustainability and buildingSMART conference in Oslo, Norway, Thursday September 24th, 2009.
The conference is located at the largest Nordic building industry fair "Bygg Reis Deg".



Akerhus University Hospital, Oslo Norway

Arkitekt: Arkitektfirmaet C.F. Møller. Foto: Torben Eskerød.

When designing and managing today's buildings, there is an increasing focus on both cost effectiveness and sustainability. Both goals must be realized and we need new ways of thinking and new tools to change our planning, construction and maintenance processes. At this conference we bring

together leading thinkers and practitioners within the building industry who understand and share a vision: the need to cooperate in order to solve our common sustainability challenges. The need for increased collaboration will be addressed using methods such as Integrated Energy

The INTEND project

A considerable amount of the energy used in Europe is spent on keeping a comfortable indoor climate in buildings. At the same time the design of buildings does not include an energy conscious design strategy.

The vision of the project is to develop IED as a European practice of building design and to set a new standard substantially beyond

the anticipated level of the Directive of Energy Performance of Buildings

Guidelines and demo projects for an integrated design process are highly needed. Guidelines in which there is focus on the whole building rather than on single technologies. Demo projects to serve as examples. The purpose is to be able to reduce the need for purchased energy as much as possible.

buildingSMART International is a global organization developing standards for value chain integration with regard to the built environment.

VISION: A global environment where all participants can readily and transparently share, apply and maintain information about facilities and infrastructure to enhance quality and economy of design, construction, operation and maintenance (building SMART).

MISSION: Improve all aspects of the facility and infrastructure lifecycle by promoting collaboration, technology, integrated practices and open standards. www.buildingsmart.com

Design (IED), Building Information Modeling (BIM) and open buildingSMART standards. The conference will focus on planning new buildings and how existing buildings can contribute towards sustainability. Devoting resources to sustainability not only creates more sustainable buildings, it also provides an opportunity for business development. SMART Green Growth - sustainability is smart for business - is a fresh concept that has gained greater focus lately, and may provide an opportunity for a country to become a leading supplier of solutions in the growing global sustainability marketplace.

Participants at this conference will learn about new tools and processes that will revolutionize building planning, construction and operation. The current productivity, environmental and sustainability challenges in the built environment force us to take advantage of open standards and new tools. These tools promote collaboration and stimulate early phase decision making.

A BuildHospitalLive competition.

Practice/participate/observe: design a hospital in 48 hours. A BuildHospital-Live competition! -What do you get to take away? New knowledge about new processes and products which will prepare you for the demands of an age of sustainability. The awards ceremony will be part of the conference dinner.

Conference program

09:00 - 09:45	REGISTRATION 24 th September 2009		
10:00 - 12:00	<p>Plenary Session – Cost Effective Sustainable Buildings Chairman Katharina Bramslev, Green Building Alliance</p> <ul style="list-style-type: none"> • From Challenges to Opportunities – Sustainability from an Investor's perspective Elin M. Myrmet-Johansen, EVP Corporate Responsibility in The Storebrand Group – a leading player in the Nordic markets for pensions, life and health insurance, banking and asset management • Sustainable buildings – state of the art Nils Larsson - architect and Executive Director of the International Initiative for a Sustainable Built Environment (iiSBE) – an international non-profit organization whose aim is to advance the cause of sustainable building and construction • Smart green growth in property development Tony Moseley, Assistant Director, Southwark Council, which has set sustainability standards including the goal of zero carbon growth for the Elephant and Castle development • New Approaches and new Tools for Cost Efficient Sustainable Buildings and Cities of the Future Kimon Onuma, president Onuma Architects – a global player in re-inventing the construction industry through the BIM Storm concept and open standards 		
12:00 - 13:00	LUNCH		
	PARALLEL SESSIONS:		
13:00 - 18:00	<p>A: Integrated Energy Design in Buildings</p> <p>Focus on the process to obtain energy efficient buildings, called Integrated Energy Design (IED). The vision of the EU project INTEND and the Nordic project IED in Buildings has been to promote Integrated Energy Design as an integral part of European building design. This is necessary also due to the Directive of Energy Performance of Buildings of the European Union. Presentation of INTEND results, IED and projects from throughout the EU.</p> <p>www.intenDESIGN.com</p>	<p>B: High Performance Hospital Planning with buildingSMART</p> <p>Focus on buildingSMART in new buildings. buildingSMART is an open standard based approach for smart and sustainable construction throughout the entire life-cycle of a building. In the Nordic countries there are large hospital development projects within the next 4-8 years in the range of 5 billion euros. How can buildingSMART methods and tools help to achieve more efficient, effective and sustainable hospital buildings? Current best practices will be presented.</p> <p>www.buildingSMART.com</p>	<p>C: SMART Green Growth – new business based on developing Cities of the Future enabled by buildingSMART</p> <p>Focus on buildingSMART in existing buildings. buildingSMART not only enables us to solve sustainability issues in new buildings, it also helps in upgrading existing buildings by means of energy analysis during planning and energy optimization. How can solving sustainability issues in our cities also create new business opportunities and thereby stimulate and create SMART Green Growth?</p> <p>www.buildingSMART.com</p>
19:00 - 22:00	<p>CONFERENCE DINNER</p> <ul style="list-style-type: none"> • As a direct extension of the conference a dinner will be held near the exhibition halls. There will also be a buildingSMART and BuildHospitalLive award ceremony during the dinner. 		