

Performing low energy buildings: The Swiss experience

Swiss Participation in the 8th Green Building Congress 2010

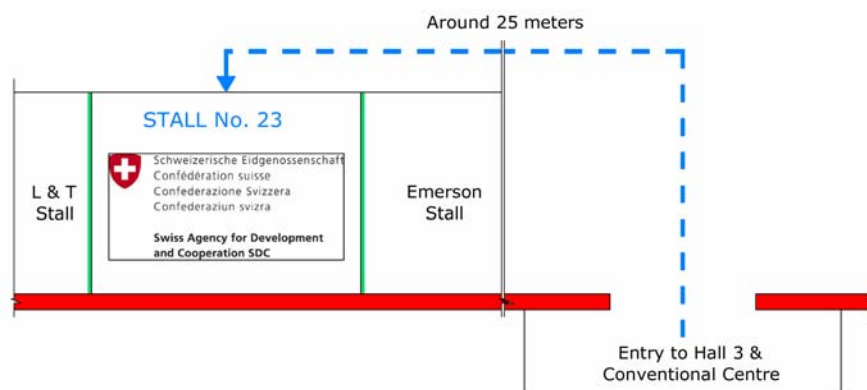
Venue: Chennai Trade Centre, Chennai

Dates: 6th-9th October, 2010

Switzerland is regarded as one of the world's leading country in successfully mainstreaming the concept of energy-efficient and sustainable buildings. In India, the Swiss agency for Development and Cooperation (SDC) under its Global Programme on Climate Change is supporting a building energy efficiency project. This project aims at building capacities and knowledge of builders, architects, engineers, labs, institutions and others, in the area of building energy efficiency by utilizing relevant Swiss experience and expertise, and by following a multi-stakeholders cooperation process. The SDC building energy efficiency project is a knowledge partner for the GBC-2010.

The SDC participation in the GBC will include:

- October 7th (14:45 -16:00 hrs)
Presentation by **Dr Heinrich Gugerli**, Head of the Sustainable Building Group at the City of Zürich in the Master Speaker Session -3.
- October 8th (11:30-13:00 hrs)
Special Session on **"Performing low energy buildings: The Swiss experience"** on October 8th: The target of this special session is to share different aspects of the Swiss experience in mainstreaming energy efficiency in buildings. Speakers will include well-known Swiss practicing experts in sustainable buildings – Willy Frei, Pierre Jaboyedoff, Claude Alain Roulet and Heinrich Gugerli.
- October 8th (16:30-18:00 hrs)
Orientation session on "Integrated design process for designing energy-efficient buildings"; the session is planned in the exhibition area.
- October 7th to 9th Exhibition
A SDC exhibition stall in the GBC exhibition, presenting case studies of sustainable buildings in Switzerland as well as information on Swiss Building Energy Efficiency Project.



Swiss Speakers at GBC

Dr. Heinrich Gugerli



Heinrich Gugerli is Head of the Sustainable Building Group in the Building Department at City of Zürich since 1999. He is responsible for energy and resource efficiency as well as indoor environmental quality in the city owned buildings and coordinate the task on municipal buildings for meeting the City Council's goal "Sustainable City of Zurich – on the way to the 2000-Watt-Society". Dr Gugerli would speak on Sustainability initiatives taken by the City of Zurich as well as on the very successful Swiss "Minergie" building energy label

Prof. Claude Alain Roulet



Claude Alain Roulet is a Physicist and Adjunct Professor at the EPFL (École Polytechnique Fédérale de Lausanne). He had done extensive work on measurement of thermal properties of building materials, in particular insulating materials. His other research interests are on-site measurement techniques related to energy in buildings, thermal behaviour modelling of buildings and Indoor Environment Quality and Health. During his presentation he will share Swiss Experience on designing and implementing a Building Material Testing programme.

Ar. Willy Frei



Willy Frei is a partner at Bauart -- one of the leading architectural firms in Switzerland with three offices at Berne, Neuchâtel and Zurich. He specializes in energy efficient and eco-friendly building design. Some of his flagship projects are: Swiss Federal Office of Statistics, Eco Parc and Micro City all located at Neuchâtel. He will speak on integrated design process for designing energy efficient buildings.

Er. Pierre Jaboyedoff



Pierre Jaboyedoff is a Partner at Sorane Sa, an engineering consulting company specializing in energy efficient building design, founded in 1978. He has extensive experience in integration and implementation of passive energy efficient strategies, innovative space conditioning technologies in buildings and energy efficiency in data centres and industries. He will present case-studies of energy-efficient Swiss buildings and data-centres.

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