

Energy-efficient buildings: renewable sources and sustainable use

Preliminary programme

November 7-8, 2007, Stockholm

Wednesday, November 7

08.30 – 08.45 Registration.
08.45 – 09.00 Welcome.

Introduction

9.00 – 09.30 *French energy-efficient buildings politics,*
by Mr Michel Giacobino, vice-president of the Strategic Committee of PREBAT
(French energy efficiency in buildings research and demonstration program).

09.30 – 10.00 *Swedish activities regarding R&D in energy in buildings,*
by Ms Anna Forsberg, head of unit at the Energy Technology Department (R&D),
Swedish Energy Agency (Energimyndigheten).

Session 1 – Solar energy

Photovoltaics

10.15 – 10.45 *New paths for Photovoltaic components,*
by Dr Jean-Claude Muller, Research Engineer, French CNRS Energy Program.

10.45 – 11.15 *Thin film solar cell research at Uppsala University,*
by Dr Charlotte Platzer-Björkman, Researcher.

Solar heat energy

- 11.30 – 12.00 *Title to be confirmed*
by Mr Christophe Menezo, CETHIL (Centre de Thermique de Lyon, CNRS and INSA).
- 12.00 – 12.30 *Solar heating and cooling,*
by Mr Jan-Olof Dalenbäck, Division of building services engineering, Chalmers University in Göteborg.
- 12.30 – 14.00 Lunch.

Session 2 – Energy management

Isolation / insulation

- 14.00 – 14.30 *Research on superinsulation materials and related components for building envelopes,*
by Mr Patrick Achard, Ecole Nationale Supérieure des Mines de Paris (ENSMP).
- 14.30 – 15.00 *Thermal Insulation and airtightness – low energy houses and energy savings,*
by Prof. Anker Nielsen, Building Physics, Civil and Environmental Engineering, Chalmers University of Technology in Göteborg.

Uses of glass

- 15.30 – 16.00 *Intelligent glazing for buildings,*
by Mr Emmanuel VALENTIN, Active Glazing Group Leader, Thin Films Dept., Saint-Gobain Recherche.
- 16.00 – 16.30 *Advanced window systems,*
by Mr Björn Karlsson, Professor at Energy & Building Design, Lund University.
- 16.30 – 16.35 First day conclusions.

Thursday, November 8

09.45 – 10.00 Registration.

Ventilation

10.00 – 10.30 *Researches on Ventilation and Indoor Air Quality at LEPTAB,*
by Dr Patrice Blondeau, Associate Professor at University of La Rochelle.

10.30 – 11.00 *Sustainable ventilation as part of a Swedish vision and in an EU project
- Classification of Swedish buildings vs. European air duct systems,*
by Mr Johnny Andersson, Technical Director, Ramböll Sverige AB.

Networks of energy

11.20 – 11.50 *Monitoring THPE project,*
by Prof. Monique POLIT, ELIAUS Laboratory, University of Perpignan-Via
Domitia.

11.50 – 12.20 *Research in collaboration with the building industry to achieve energy-efficient
buildings,*
by Dr. Maria Wall, Faculty of Engineering, Lund University.

12.20 – 13.45 Lunch.

Session 3 – Existing projects

13.45 – 14.15 *Le Théâtre – first French area with 0 CO2 emissions,*
by Mr Patrice Millet, general director for services, city of Narbonne.

14.15 – 14.45 *The idea of building passivehouses - Lindås and other exemples from EFEM
architect office,*
by Ms Helena Westholm, Architect MSA.

14.45 – 15.25 Round-table conference.
Mr Ivo Martinac, Sustainable Building Systems, KTH.
Mr Yves Chantereau, architect.
Ms Monique POLIT, Cluster DERBI, vice-president.

15.25 – 15.30 Conclusions and end of the symposium.