

Conference Programme, Friday 19 May 2006

09:00	Plenary session: Opening by Wolfgang Ornth (Federal Ministry of Transport, Building and Urban Affairs), Welcoming speeches by Hans Mönninghoff (First city councillor of Hanover), Walter Meinhold (Stadtwerke Hanover), Gordon Sutherland (EU-Commission)
09:45	Manfred Görg: Think globally - act concrete. Implementation of a sustainable energy strategy using the example of Hanover
10:30	Wolfgang Feist: Contributions to efficiency - highlights from 10 years of Passive House conferences
11:15	Joint tour of the exhibition

12:30 Lunch

	Kuppelsaal Working group 1: Modernisation using Passive House components	Roter Saal Working group 2: New ideas on Passive House ventilation	Blauer Saal Working group 3: Implementation in the Hanover region	Bonatz Saal Working Group 4: Promotion of Passive Houses
14:00	Stefan Oehler The renovated Münsterländer Hof	Andreas Bühring Current status of the continuing development of compact building services units	Stefan Bär Construction of 2 new day-care centres to the Passive House standard	Andrew Pindar Passive-On: Marketable Passive Homes for the Mediterranean
14:20	Nikolaus Diefenbach Modernisation of two-family houses to different energy standards using large-scale units with vacuum insulation	Rolf-Peter Strauß Innovative ventilation equipment with „AirSwitcher“ – first experience and implementation	Carsten Grobe Renovation of a school building to the Passive House standard with an energy reference area of ca. 20.000 m ²	Irena Kondratenko Energy Saving Potential from Passive House Standard in Ireland
14:40	P. Engelmann, M. Kramp Energy and economy in renovation - the students residence „Neue Burse“ in Wuppertal	Ruedi Kriesi The enthalpy plate heat exchanger - for further improvement of the indoor comfort	Gerd Kis, Carsten Grobe Triple sports hall meeting Passive House standard	Erwin Mlecnik Promotion of Passive Houses: from Estimating the Energy Saving Potential to the Implementation of Financial Stimuli
15:00	Hartmut Hübner Sustainable modernisation of prefabricated panelised buildings. System analysis and planning criteria	Christel Russ Centralised or decentralised heat supply in Passive apartment buildings - results of energy-related evaluations	Michael Danner User experiences in renovated buildings with low energy requirement	Erik Franke Implementation of PH Technology in the Netherlands: Experiences from the Past and New Challenges
15:20	Harald Krause Considerations on the practical value of thermal-bridge-free installation of windows in existing and new buildings	Thomas Schmeisser Frost protection and mass flow balance in LTS ventilation equipment	Friedhelm Birth, Detlef Christ Modernisation of the apartment building Schneiderberg 17, Hanover	Berthold Kaufmann High Thermal Performance Building Components – Investment Costs Versus Running (Energy) Costs

16:00 Coffee break

	Working group 5: Architecture: theory and practice	Working group 6: Passive House schools	Working group 7: Regional networks for modernisation	Working Group 8: Passive Houses in Cold and Mediterranean Climates
16:30	Rainer Vallentin From solar construction to solar-formed man-made environments	Oliver Kah Passive House standard for school buildings. Boundary conditions for the layout and design aspects	Christian Stolte Potential of the energy-related renovation of existing buildings using Passive House components. Experience gained from the dena projects „Low energy house in existing building stock“	Ulla Janson New Passive House Projects in Sweden
16:50	Herbert Griebßbach Renovation of existing buildings to the Passive House standard - Lorettostraße Freiburg	Werner Haase Comprehensive renovation of the Baiersdorf elementary school using Passive House components - a largely solar-heated school	Erich Maurer Research project: EnergieRegion Factor 10	Colin Porteous Problems of the Scottish / UK Building Industry vs. Energy-Efficient New-Build Passive Housing
17:10	Ludwig Rongen Innovative architecture and the Passive House	Stephan Heinrich Construction of the new Gebhard Müller School in Biberach – monitoring and operational results	Michael Pertl ökosan - the Oststeiermark modernisation initiative	Jürgen Schnieders Heat Load Calculations and Passive House Requirements in Northwest European Climates
17:30	Heinz Neudeck-Mützel The Open House concept - flexible design in Passive apartment buildings	Joachim Zander Room acoustics in a Passive House school	Günter Lang Successfully networking the Passive House school	Tor Helge Dokka Passive Houses in Cold Norwegian Climate
17:50	Ernst Heiduk Architectural classics of the modern style to PH standard	Volker Weiß Practical experience of the Passive House school in Waldshut	Martin Sambale Advice - partnering - implementation. Large scale implementation in the Allgäu	Jürgen Schnieders Passive Dwellings in Marseille? A Concept Study

20:00 Evening event (reservation must be made in advance)

Conference Programme, Saturday 20 May 2006

08:45	Plenary session: Henk Kaan: Passive House worldwide: international developments
09:15	Rainer Pfluger: Comfortable ventilation in the Passive House: the state of the art
09:45	Burkhard Schulze Darup: Passive House components - strategies for the broad implementation in building modernisation

12:30 Lunch

	Kuppelsaal Working group 9: Project examples	Roter Saal Working group 10: Experience gained with Passive House components in modernisation projects	Blauer Saal Working group 11: News from research and development / building components	Bonatz Saal Working Group 12: How to design a Passive House in a specific climate
10:30	Thomas Kirtschig, Axel Bretzke The Passive House elementary school in the Preungesheim district of Frankfurt	Matthias von Oesen Comparison of Factor 10 modernisation projects with different concepts from Hanover	Reto P. Miloni Optimisation of daylighting and solar screening in the Passive House	Barbara Faigle Can you make a Passive House out of it?
10:50	Andreas Baumgartner Zero energy annual balance	A. Zaman, W. Krämer Passive House renovation of an existing building, Hoheloostraße 1-3, Ludwigshafen am Rhein – first results	Ursula Schneider Green light	York Ostermeyer Passive Houses in Japan
11:10	Martin Forstner Workshop report on a vacuum-insulated zero-energy house in modular construction	Martin Endhardt A Passive House on historical foundations	Tobias Waltjen IBO Passive House building components catalogue - ecologically evaluated designs	David Stecher Passive House Cooling in North America
11:30	Markus Treiber A modern office building with energy-saving HVAC technology in combination with geothermal generation for heating and cooling	Reinhard Weiss I'm not stupid - renovation to the Passive House standard is economically viable	Johannes May Composite timber and concrete elements „Passive House in 6 weeks“	Zhenhong Gu Comparison of Two Methods of Energy Efficient Houses: Implemental Discussion in China
11:50	Walter Braun lu-teco - an office building as a Passive House	Witta Ebel Sustainable energy-related renovation in the German state of Hesse	Sören Peper The Stairwell in multi-storey Passive House	Rossano Albatici Human Comfort Conditions inside Wooden Passive and Bioclimatic Houses

12:30 Lunch

	Working group 13: News from research and development / materials technology	Working group 14: Implementation in the regions and in the local municipalities	Working group 15: Architecture and the Passive House	Working Group 16: Innovative Constructions and Projects
14:00	Rainer Pfluger Solutions for damp protection in internal insulation	A. Berndgen-Kaiser, T. Frey Evaluation of 150 Passive Houses in North-Rhine Westphalia	Dietrich Schwarz From solar house to solar city	Tonny Skjerno The Passivehouse Window that Opens to the Outside
14:20	Adrian Tschui Passive Houses and indoor air humidity	Kerstin Walberg Hamburg and the Passive House	Martin Wamsler A village sees red	Henrik Tommerup Innovative Danish Building Envelope Components for Passive Houses
14:40	A. Külüch, M. Buchholz Estimation of thermal-bridges in the energy-related renovation of existing buildings using Passive House components	Peter-M. Friemert Solar Construction Exhibition, Hamburg 2005	Rainer Wildmann Implementation of Passive House concepts in existing buildings	Jan Tywoniak Optimized Design Concept for 13 Passive Houses in Koberovy (CZ)
15:00	Marc Großklos Thermal-bridges in prefabricated elements with vacuum-insulation for use in the renovation of existing buildings	H. Wurzer, H. Bruckner The Großschönau sustainable community	Fritz Oettl OLD house ?	Anneleen Lagae Passive Housing in the Dutch Social Housing Tradition
15:20	Christof Stölzel Safe VIP design and construction processes with Qasa	Roland Matzig Lessons gained from implementation involving 100 Passive House projects	Olaf Reiter Playing in the Passive House. A wood-and-loam structure for children	Marco Bonomi PLAN B.I.R.D.- Housing and Multifunctional Centre for Elderly People in Brescia, Italy

16:00 Coffee break

16:30	Plenary session: Wolfgang Feist, Helmut Krapmeier Creating Perspectives through Energy Efficiency
17:00	End of the conference