

INTERNATIONAL PASSIVE HOUSE CONFERENCE 2010

Press Release

Sustainable growth is possible everywhere in the world

14th International Passive House Conference on 28- 29 May 2010

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Frank Kupfer, the State Minister for the Environment and Agriculture in Saxony, inaugurated the Conference. Following this, Dr. Burkhard Schulze Darup spoke about climate neutrality in the construction sector up to the year 2050, Martin Treberspurg, Roman Smutny and Alexander G.Keul gave talks about energy monitoring and the experiences of occupants in the Passive House residential complexes in Vienna –results from the long-term accompanying metrological research will be presented, which show that these buildings use less than a third of that of the energy used by new low-energy buildings in Vienna which are already relatively energy-efficient. The Plenary Session ended with a lecture by Professor Dr. Wolfgang Feist, the Scientific Director of the Passive House Institute and Head of the Department for Energy Efficient Construction at the University of Innsbruck in Austria, the topic of which was "Growth in all dimensions". This growth is possible due to the fact that the Passive House concept allows for cost-efficient solutions to be developed.

Six Working Groups will deal with the subject of the implementation of the Passive House concept all around the world. The promotion of the standard in Central and Eastern Europe will be another focal point. In two Working Groups, speakers will present initial reports of their experiences with completed projects in Bulgaria, Latvia, Rumania, the Czech Republic, Hungary, and Poland.

The Passive House Institute estimates that 20, 000 Passive Houses have already been built worldwide, 13, 500 of which exist in Germany alone. "The Passive House is spreading rapidly all over the world. The great potential of the concept has been quickly recognised especially in areas where actual practical experience has been gained with the realisation of Passive Houses. The Passive House concept can be adapted to the various climates and

regional construction methods and with tools being available for this purpose", explains Professor Dr. Wolfgang Feist. In addition to the exchange of knowledge, the Conference provides a platform for the presentation of current developments for the constant optimisation of the Passive House standard. Professor Feist, who is the pioneer of this construction standard, will introduce the new Passive House Institute's EnerPHit Certificate for the modernisation of old buildings using Passive House components. At the Conference, two property developing companies, the ABG Frankfurt Holding GmbH and the GAG, will receive the EnerPHit Certificate for their Tevesstraße (Frankfurt/ Main) and Hoheloostraße (Ludwigshafen) projects from Professor Feist himself.

Regional impetus

"With visitors from over 40 countries the Passive House Conference in Dresden will encourage the propagation of the Passive House Standard far beyond German borders. This will give an additional impulse to building designers as well as to private property developers in Saxony, where much practical experience is available. The Free State of Saxony provides attractive subsidies of 100 euros per square metre for building a Passive House", says Frank Kupfer, who is the patron of the Conference and the Saxon State Minister. Conference participants will be able to visit some of the Passive House projects in Saxony in various excursions on Sunday, 30 May 2010.

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Passive House Exhibition is fully booked

House owners, prospective house builders and housing associations are invited to visit the Components Exhibition. "Spanning an area of 3,100 square metres, more than 120 businesses and organisations from Germany and Europe will be displaying their products. They will provide information about energy-efficient and environmentally-friendly construction and refurbishment methods: from ventilation systems, heating systems, windows, doors, and thermal insulation to products for thermal-bridge-free construction.

Energy consultants, trade associations and other experts will explain measurement techniques and provide insights into quality assurance on site", summarises Christian Micksch, who is the Managing Director of the Energy Agency in Saxony – SAENA.

Exhibition visitors can also attend the manufacturers' forum where exhibitors will speak about products and concepts for energy-efficient construction in over 40 lectures. The Passive House Components Exhibition and the manufacturers' forum will be open from 10.30 a.m. to 18.00 p.m. on Friday 28th May and from 9.00 a.m. to 17.00 p.m. on Saturday 29 May. Entry to the Specialist Exhibition and manufacturers' forum is free of charge.

The Passive House Institute and the Energy Agency in Saxony – SAENA are the organisers of these events. More details about the Conference and Specialist Exhibition can be found at www.passivhaustagung.de or www.saena.de.

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Press Release

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regional construction methods and with tools being available for this purpose", explains Professor Dr. Wolfgang Feist. In addition to the exchange of knowledge, the Conference provides a platform for the presentation of current developments for the constant optimisation of the Passive House standard. Professor Feist, who is the pioneer of this construction standard, will introduce the new Passive House Institute's EnerPHit Certificate for the modernisation of old buildings using Passive House components. At the Conference, two property developing companies, the ABG Frankfurt Holding GmbH and the GAG, will receive the EnerPHit Certificate for their Tevesstraße (Frankfurt/ Main) and Hoheloogstraße (Ludwigshafen) projects from Professor Feist himself.

Regional impetus

"With visitors from over 40 countries the Passive House Conference in Dresden will encourage the propagation of the Passive House Standard far beyond German borders. This will give an additional impulse to building designers as well as to private property developers in Saxony, where much practical experience is available. The Free State of Saxony provides attractive subsidies of 100 euros per square metre for building a Passive House", says Frank Kupfer, who is the patron of the Conference and the Saxon State Minister. Conference participants will be able to visit some of the Passive House projects in Saxony in various excursions on Sunday, 30 May 2010.

Passive House Architecture Award 2010

Another highlight of the Passive House Conference is the "Passive House Architecture Award 2010" which is being awarded for the very first time, under the auspices of the Federal Minister of Transport, Building and Urban Development, Dr. Peter Ramsauer. It will be awarded for outstanding buildings which have been realised according to the Passive House Standard.

Over 50 contributions from many countries including Japan, China, the USA, Poland, Switzerland, Hungary, Italy, Denmark, Austria and Germany have been submitted to the Passive House Institute. At the 14th International Passive House Conference on 29th May 2010, the Award and special prizes will be presented in an awards ceremony by the Parliamentary State Secretary in the German Federal Ministry of Transport, Building and Urban Development, Jan Mücke, by members of the Jury and by the Scientific Director of the Passive House Institute Professor Dr. Wolfgang Feist. The prize-winning projects and all participants will be presented to the public at the accompanying Components Exhibition in the Congress Center Dresden.

Passive House Exhibition is fully booked

House owners, prospective house builders and housing associations are invited to visit the Components Exhibition. "Spanning an area of 3,100 square metres, more than 120 businesses and organisations from Germany and Europe will be displaying their products. They will provide information about energy-efficient and environmentally-friendly construction and refurbishment methods: from ventilation systems, heating systems, windows, doors, and thermal insulation to products for thermal-bridge-free construction.

Energy consultants, trade associations and other experts will explain measurement techniques and provide insights into quality assurance on site", summarises Christian Micksch, who is the Managing Director of the Energy Agency in Saxony – SAENA.

Exhibition visitors can also attend the manufacturers' forum where exhibitors will speak about products and concepts for energy-efficient construction in over 40 lectures. The Passive House Components Exhibition and the manufacturers' forum will be open from 10.30 a.m. to 18.00 p.m. on Friday 28th May and from 9.00 a.m. to 17.00 p.m. on Saturday 29 May. Entry to the Specialist Exhibition and manufacturers' forum is free of charge.

The Passive House Institute and the Energy Agency in Saxony – SAENA are the organisers of these events. More details about the Conference and Specialist Exhibition can be found at www.passivhaustagung.de or www.saena.de.

About the Passive House

The Passive House combines very small energy consumption with high thermal comfort and good indoor air quality. The high level of energy efficiency is achieved through excellent thermal protection, thermal-bridge-free design, innovative window technology, airtightness and intelligent ventilation technology. The heating requirement of a Passive House is less than 15 kWh (equivalent to 1.5 litres of heating oil) per square metre of living space or useable area per year and therefore less than a third of the energy used by existing buildings.

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