Press Release **25 July 2022**

Wiesbaden, Germany, is where the 26th International Passive House Conference will take place. The Passive House Institute, in cooperation with the Ministry of Economic Affairs and the Energy Agency of the German state of Hesse invites everyone to attend the event, held March 10-11, 2023. The deadline for the call for papers is September 22, 2022.

Especially now! Energy efficiency pays off!

26th International Passive House Conference in Wiesbaden and online – March 2023

***Darmstadt, Germany*. And the winner is Wiesbaden! The 26th International Passive House Conference will be held in the state capital of Hesse in 2023. #EfficiencyNOW will be the focal theme of the event. The Conference will demonstrate how buildings that use very little energy for heating and cooling can be supplied with renewable energy reliably and at scale, a timely topic. The Conference will take place in person in Wiesbaden from March 10-11, 2023. Simultaneously, online events will be available. The Call for Papers is open until 2 September 2022. The event will be held under the auspice of the Minister of Economic Affairs of the German state of Hesse.**

The date and venue of the **26th International Passive House Conference** and trade exhibition are set for **10 and 11 March 2023.** The events will take place in the RheinMain Congress Center in Wiesbaden, Germany, with additional online events. "We look forward to welcoming attendees and trade exhibitors after in-person events were cancelled in the past. At the same time, online events have become indispensable after a two-year pandemic, which is why we will combine both aspects for everyone this year," explains Jan Steiger, a Managing Director of the Passive House Institute.


Two flagship projects in Germany recently received Passive House certificates: the world's first Passive House hospital in Frankfurt (left) and the Chamber of Crafts' new training centre in Trier (right). Both buildings use significantly less energy while patients, trainees, and employees benefit from the excellent and healthy indoor climate. © Klinikum Frankfurt Höchst (left.) / BIBB, Rothbrust (right.)

Perfect match: Passive House & renewables

The next International Passive House Conference will tackle a range of topics relating to sustainable construction and retrofitting. Passive House and renewable energy, a perfect match; retrofitting buildings to the EnerPHit standard, and Passive House districts will feature at the event. Pioneering Passive House projects, among them buildings in the health sector, certified components and new tools will also be presented. Furthermore, the Passive House Institute's **#EfficiencyNOW** campaign will be a key topic at the Conference. The research institute will explain how we can significantly reduce our dependence on fossil fuels and ultimately phase it out, including do-it-yourself measures**.** Additional topics include cost-efficiency and Passive House, public policy and financial incentives for Passive House.

Call for Papers until 2 September

Presentation topics may be submitted in abstract format until 2 September 2022. Submissions should be a maximum of 3000 characters. The scientific advisory committee will then decide on the choice of topics. "Especially as it is becoming clear how important it is to move away from fossil energy in the building sector. Highly energy-efficient buildings can be reliably supplied and are crucial for effective climate protection. Passive House buildings are an ideal and easy solution for this purpose," explains Jan Steiger.

This **apartment building** in Munich has received Passive House Plus certification. The owners' association operates the photovoltaic system on the roof itself and also convinced the city's public utility company of this model. © StadtNatur

Trade Exhibition

The **Trade Exhibition for Passive House Components** will take place parallel to the Conference in the RheinMain Congress Center. Here, manufacturers will present their components for highly energy-efficient building construction and retrofitting. Companies increasingly recognise economic opportunities in this area. Workshops and excursions, a part of every International Passive House Conference, are also planned in Wiesbaden. Further information about the Conference can be found **here.**

26TH INTERNATIONAL PASSIVE HOUSE CONFERENCE 2023

Patron

HESSEN
Ministry for Economic Affairs, Energy, Transport and Housing
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Organiser

Passive House Institute

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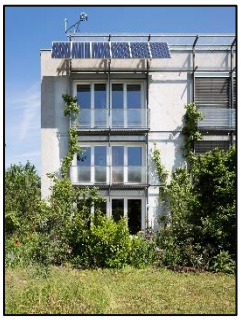
General information

Socially compatible and highly energy efficient: apartment blocks built to the Passive House standard. © Neue Heimat Tirol

#Efficiency NOW: The call of the hour is to save fossil energy. To achieve this, the Passive House Institute has started the #EfficiencyNOW **campaign. The research institute explains how each one of us can contribute towards becoming more independent of fossil energy, and ultimately phasing it out altogether. All information on this can be found on the platform Passipedia.**

Latest report of the IPCC: "The time window remaining to us becomes smaller and smaller the longer we defer protection of the climate and adaptation" – this is what Hans-Otto Pörtner of the UN Climate Council IPCC had to say in February 2022. Solving the problems of supply security and climate protection in the building sector means highly energy efficient new constructions and retrofits. This is how the existing building stock will become climate-neutral: see Video**.**

Passive House buildings: With the Passive House concept, the heat loss that typically takes place in buildings through the walls, windows and roof is drastically reduced. By applying the five basic principles – 1. excellent thermal insulation, 2. windows with triple glazing, 3. a ventilation system with heat recovery, 4. avoidance of thermal bridges, 5. an airtight building envelope – a Passive House building needs very little energy. For this reason, Passive House buildings can dispense with a *traditional* heating system. A major part of their heating demand is met through "passive" sources such as solar radiation or the heat emitted by occupants and technical appliances.



The world's first Passive House building in Darmstadt, Germany recently celebrated its 30th anniversary. © Peter Cook

Advantages of Passive House buildings: In a Passive House building, in winter the heat is retained for a very long time since it escapes very slowly. In the summer (and in hot climates), among other things, the excellent level of insulation ensures that the heat stays outside. Therefore, active cooling usually isn't necessary in residential buildings (in Central Europe). Due to the low energy costs in Passive House buildings, the utility costs are predictable - which is a fundamental principle for affordable homes and social housing. The Passive House standard meets the requirements of the European Union (EU) for Nearly Zero Energy Buildings (NZEB).

Pioneer project: The first Passive House in the world was built in Darmstadt, Germany, 30 years ago by four private homeowners. Professor Wolfgang Feist was one of them. Ever since the homeowners moved in with their families in 1991, these terraced houses have been regarded as a pioneer project for the Passive House standard.

Passive House and renewable energy: The Passive House Standard and generation of renewable energy directly on-site or near the building is a good combination. The Passive House Institute has introduced the building classes *Passive House Plus* and *Passive House Premium* for this purpose. The world's first Passive House building in Darmstadt has also been producing renewable energy since 2015 by means of a subsequently installed photovoltaic system, and received the *Passive House Plus* certificate for this reason.

Prof. Dr. Wolfgang Feist © Peter Cook

Building types: Passive House buildings for all types of uses now exist everywhere. In addition to residential and office buildings, there are also kindergartens and schools, sports halls, swimming pools and factories built to the Passive House standard. The start of operations of the first Passive House hospital in the world in Frankfurt am Main is planned for Summer 2022.

Passive House Institute: The Passive House Institute was founded by Professor Wolfgang Feist in 1996 as an independent research institute. The Passive House Institute holds a leading position with regard to research and development in the field of energy efficient building construction and deep retrofits.

iPHA: The network iPHA – international Passive House Association – aims to convey knowledge relating to highly energy-efficient construction and retrofits, as well as networking.
Social Media: Twitter**: @the_iPHA //** Facebook**: International Passive House Association**
Instagram: **@passivehouse_international //** LinkedIn: **@passive-house-institute**

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