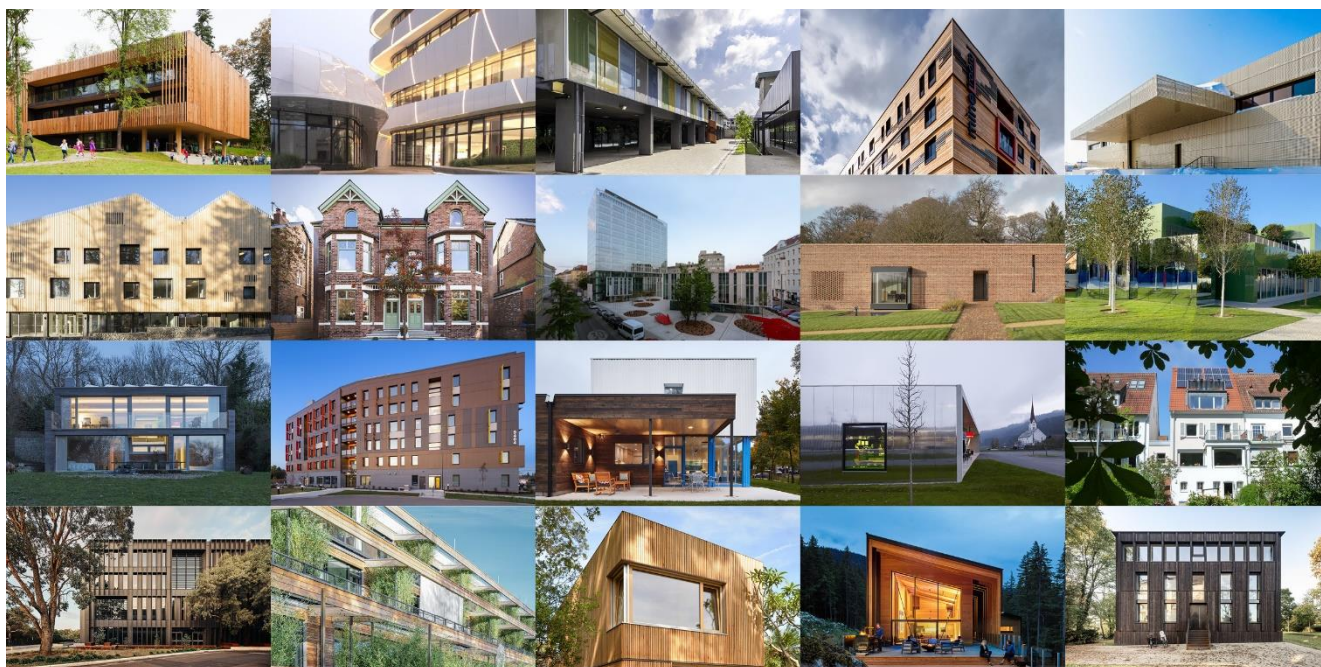


Press Release

8 September 2021



The 20 finalists of the Passive House Award 2021. The Award will be presented on Friday within the framework of the 25th International Passive House Conference. The award ceremony will be broadcast live. © Passive House Institute

Highly efficient and very impressive

Passive House Award 2021 ceremony to be broadcast live on 10 September

2021

Passive House
Award



Darmstadt, Germany. The winners of the Passive House Award 2021 will be announced this Friday. The jury of the international architecture competition

has already selected 20 finalists. Within the framework of the 25th International Passive House Conference, the Passive House Institute will present a total of 14 awards to the architects of the highly efficient and impressive buildings. The awards ceremony will take place at the Historic City Hall in the German city of Wuppertal. It can be followed live online together with the opening plenary and the jubilee celebrations of the conference.

A total of 87 certified Passive House and EnerPHit projects from around the world were submitted for the **Passive House Award 2021**. An international jury has selected 20 finalists from eleven countries, with a focus on cost-effectiveness, innovation and renewable energy supply in addition to their architectural quality. The awards will be presented as part of the **25th International Passive House Conference**. On account of the pandemic and current incidence levels, the conference will take place largely as an online event for the participants.

14 awards

The Passive House Institute will lead the awards ceremony at the venue Historische Stadthalle in Wuppertal jointly with the Energy Agency of the German state of North Rhine-Westphalia, the co-organiser of the 25th International Passive House Conference. A total of 14 awards will be presented.

The awards ceremony will be held on **Friday, 10 September 2021 from 6.45 p.m. (CEST)** onwards and will be broadcast live on the **conference website** for all those interested.

High architectural quality

"The Passive House Award shows that in addition to being a leading sustainable building standard, the Passive House standard is being implemented with a

high architectural quality and in many different ways. Extremely energy efficient construction and retrofitting is indispensable with regard to effective action against climate change", explains Sabine Stillfried of the Passive House Institute and organiser of the Passive House Award 2021. Following the past editions in 2010 and 2014, the architectural award is being issued for the third time. The details of the finalists will later be published in a book. Extensive information on the 20 international finalists can be found already now on the website of the **Passive House Award**.

Top-class speakers

The inauguration of the 25th International Passive House Conference on Friday morning and the jubilee celebration in the evening will also be broadcast live online. Andreas Pinkwart, Minister of Economic Affairs of the German state of North Rhine-Westphalia, and Lord Mayor of Wuppertal Uwe Schneidewind will inaugurate the conference. This will be followed by speeches from Dirk Moberg of the Energy Agency of North Rhine-Westphalia and Ernst Uhlig, who is the President of the Chamber of Architects North Rhine-Westphalia. Among other things, climate researcher Diana Ürge-Vorsatz will present findings of the latest report of the UN's Intergovernmental Panel on Climate Change (IPCC). During the opening plenary, the Passive House Institute will show ways towards a climate-neutral building stock and will present a feasible scenario for the transition to a sustainable energy supply of buildings.

Jubilee celebration

Following the Passive House Award ceremony, festivities will take place for the triple jubilee: the world's first Passive House building in Darmstadt, Germany, is now 30 years old, the Passive House Institute is celebrating its 25th anniversary, and the International Passive House Conference is taking place for the 25th time. The **Passive House Exhibition**, which features components for energy efficient construction and retrofitting in an online exhibition hall, is already open to the public and free of charge. It includes virtual guided tours and direct contact with the manufacturers.



16 sessions and an excursion

During four days, the 25th International Passive House Conference will present a total of 16 sessions with the focal theme "Passive House - the key to sustainable buildings", including various topics such as new builds and retrofits to the Passive House standard around the world, ecological building materials, ventilation concepts, and summer comfort. The conference languages are English and German. The programme also includes an online excursion to interesting Passive House projects in Wuppertal and its surroundings. The latest information can be found on the website at www.passivehouseconference.org and in Social Media under the hashtag #25intPHC.



With the kind support of:



Sponsors:



General information

Passive House buildings

With the Passive House concept the heat loss that typically takes place in buildings through the walls, roof and windows is drastically reduced due to high-quality thermal insulation, windows with triple glazing, avoidance of thermal bridges, an airtight building envelope, and a ventilation system with heat recovery. This ensures that Passive House buildings can manage without a traditional building heating system. They are called "passive houses" because 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.

In a Passive House building the heat is retained for a very long time since it escapes very slowly. For this reason, active heating is needed only during extremely cold days. A very small amount of energy is required in total for providing this remaining heating. In the summer (and also in hot climates), a Passive House building also offers advantages: among other things, the excellent level of insulation ensures that the heat stays outside, therefore active cooling usually isn't necessary in residential buildings. Due to the low energy costs in Passive House buildings, the utility costs are foreseeable - a fundamental principle for affordable homes and social housing. A Passive House building consumes around 90 percent less heating energy than an existing building and about 75 percent less than an average new construction.



The world's first Passive House building in Darmstadt, Germany. © Peter Cook

Passive House and NZEB

The Passive House Standard already meets the EU requirements for Nearly Zero Energy Buildings. According to the European Buildings Directive EPBD, all member states must specify requirements for so-called NZEBs in their national building regulations. These came into effect in January 2019 for public buildings and applies for all other buildings since 2021.

Pioneer project

The first Passive House in the world was built in Darmstadt, Germany, 30 years ago by four private homeowners. Prof 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. With its newly installed photovoltaic system, this flagship Passive House now utilises renewable energy and received the Passive House Plus certificate for this reason.

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 building classes "Passive House Plus" and "Passive House Premium" are available for this supply concept.

Passive House buildings worldwide

Passive Houses 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 as Passive House buildings. The first Passive House hospital in the world is currently being built in Frankfurt am Main. Interest in Passive House is growing. In view of the consumption of resources in industrialised countries and climate protection, municipalities, businesses and private people are increasingly implementing new constructions or retrofits to the Passive House Standard.



Prof Wolfgang Feist
© Peter Cook

Passive House Institute

The Passive House Institute with its headquarters in Darmstadt (Germany) is an independent research institute for highly efficient use of energy in buildings. The Institute founded by Prof Wolfgang Feist holds a leading position internationally regarding research and development in the field of energy efficient construction.

Social Media

Twitter: @the_iPHA // Facebook: **the International Passive House Association** // Conference #25intPHC

Contact: Katrin Krämer / Press Officer / Passive House Institute / www.passivehouse.com

E-mail: presse@passiv.de / Tel+49 (0)6151 / 826 99-25