

ACHIEVE BETTER BUILDINGS!

Passive House Conference Heidelberg 2019
with Passive House Exhibition



Photo © Andrew Cowin

Programme

Exhibitors Overview

Kongresshaus Stadthalle
Heidelberg
3 & 4 May 2019

Excursions
5 May 2019

Dear reader,



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I am very pleased to welcome you to the Passive House conference in Heidelberg in 2019. As home to the Bahnstadt, one of the largest Passive House districts in the world, there is hardly a better venue for this event. The Heidelberg Bahnstadt

is a beacon project for modern and energy-efficient construction and is being built on an area as large as the well-known historic old town of Heidelberg. Increasingly, it is receiving attention internationally and serving as a model for similar projects in China and other countries worldwide.

Ten years after the ground-breaking ceremony and the onset of visible developments in the Bahnstadt, more than 4,000 people already live in Heidelberg's youngest district. The Bahnstadt enjoys enormous popularity, especially among young families.

An attractive mix of living and working, shopping and cultural offerings, as well as open spaces and playgrounds characterise the urban district. I would like to cordially invite you to experience the Bahnstadt for yourself on the conference's Sunday tour or during a walk through the district. It is worth it!

I wish you a nice stay in Heidelberg with interesting events and exciting discussions.

Prof. Dr. Eckart Würzner,
Lord Mayor of the City of Heidelberg



Climate Change – Now!

We live in times that are confusing to many, where scientific facts are called fake news and fundamental



© Peter Cook

ethical principles are called into question. Such phases have happened time and again throughout history and it is necessary to remember that the resulting totalitarianism has never contributed to the solution.

The science today shows us that we are overusing natural resources and on the brink of irreversibly changing the planet's climate in a way in which a reasonable civilizational coexistence can no longer function. This analysis may not suit us, but it does not make it wrong.

A gradual transition to a sustainable economy can work: presuming, however, that we start now at the latest. This means no new fossil fuel power plants (so much for the subject of coal compromise), no new vehicle lines with internal combustion engines, and, in the long run, no more fossil fuelled heating systems in our buildings.

Put positively, the chances for all prevail if we consistently implement such a concept. To do this, we must invest in sustainable energy generation, i.e. in wind and solar power plants and the associated infrastructure, including power lines and pumped storage power plants. We have to switch to energy efficient and electric powered vehicles. In the construction sector, we must only be permitted to construct highly energy efficient new builds, and use only the best available energy efficient components

for refurbishment. Then; it is both possible for existing technology and the power grid to heat these buildings using heat pumps.

These measures will enable the shift to a sustainable economy over a period of around 30 to 50 years worldwide. If we start today, these solutions will come just in time to avert the worst effects of climate change.

Against this backdrop, it is refreshing to see how the City of Heidelberg is demonstrating a liveable model for this necessary transition: How this model is practised in the Bahnstadt is also how it can work anywhere on the planet. Sustainable solutions do not mean a loss of quality of life. Quite the opposite: The changes lead to better comfort and greater prosperity. And they are attracting interest worldwide.

I hope that the conference here in Heidelberg will lead to the dissemination of these approaches and encourage many others to follow suit.

Sincerely,

Prof. Dr. Wolfgang Feist
University of Innsbruck

GREAT HALL (EG)

FRIDAY

- 09:30 am - 11:00 am **Plenary**
 11:15 am - 12:50 pm **Lectures**
 01:00 pm - 02:30 pm Lunch break
 02:30 pm - 04:05 pm **Lectures**
 04:10 pm - 04:40 pm Coffee break
 04:40 pm - 06:15 pm **Lectures | Workshop**
 06:15 pm - 06:30 pm Break
 06:30 pm - 07:15 pm **Passive House Slam**

7:30 pm - 11:00 pm
Passive House Networking Party

SATURDAY

- 09:00 am - 10:35 am **Lectures**
 10:40 am - 11:10 am Coffee break
 11:10 am - 12:55 pm **Lectures**
 12:50 am - 02:20 pm Lunch break
 02:20 am - 03:55 pm **Lectures | Workshop**
 04:00 am - 04:30 pm Coffee break
 04:30 am - 06:00 pm **Closing Plenary**
End of the Event

SUNDAY

Excursions to completed
 Passive House Projects

09:30 - 11:00 am **Welcome and Plenary Session**

© KD Busch

Franz Untersteller, MdL
 Minister for Environment,
 Climate and Energy of the
 State of Baden-Württemberg



© Philippe Rothe

Prof. Michael Braum
 Managing Director of the
 International Building
 Exhibition Heidelberg (IBA)



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Prof. Dr. Eckart Würzner
 Lord Mayor of the City of
 Heidelberg



© Peter Cook

Prof. Dr. Wolfgang Feist
 Founder of the Passive
 House Institute and
 Professor at University of
 Innsbruck
**Passive House –
 healthy, comfortable and
 sustainable**

Municipal implementation and
Passive House districts
Großer Saal | Great Hall

- 11:15 am **Ralf Bermich / Robert Persch**
Bahnhofstadt Heidelberg: Urban planning processes to achieve the Passive House district and quality assurance
- 11:40 am **Markus Morlock**
Green long-distance heating
- 12:05 pm **Christiane Staab**
The pathway to Passive House in the city Walldorf
- 12:30 pm **Arne Keßler**
Development area for a Passive House estate: The example set by the municipalities of Lohfelden and Nidderau, a Hessian pilot project

Cooling and Dehumidification
Kammermusiksaal 1st Floor

- 11:15 am **Jürgen Schnieders**
Cooling: what's worth knowing
- 11:40 am **Marco Filippi**
Pilot Passive House in hot countries – results from monitoring
- 12:05 pm **Dragoş Arnăutu**
Deep retrofit of a manufacturing building in hot and humid climate
- 12:30 pm **Elena Reyes / Javier Flórez**
Summer and cooling strategies implemented in social housing in hot and humid climate

Passive House – it's worth it!
How do I explain that to my builder?Ballsaal 1st Floor

- 11:15 am **Robert Schild**
Introductory talk: What does a great building standard offer besides low energy costs?
- 11:40 am **Ronald Meyer**
Hearts and Minds: the journey from Passive House factual to emotional engagement
- 12:05 pm **Georg Zielke**
Opportunities and how to convey them to building contractors: from the basic idea to funding
- 12:30 pm **Florin Vondung**
Where failure occurs in controlled ventilation. Findings of an inhibitor analysis.
- 01:00 pm **Lunch break**



Non-residential buildings
with special requirements
Großer Saal | Great Hall

- 02:30 pm **Karsten Valentin**
Hospital Frankfurt-Höchst
- 02:55 pm **Esther Gollwitzer**
Guide to Passive House Swimming Pools
- 03:20 pm **Florian Lang**
Passive House – The building solution
- 03:45 pm **Martin Ufheil**
Project „B3“: School - Child care - Community Centre
in Heidelberg

Delivering NZEB: PH Buildings in Europe
Kammermusiksaal 1st Floor

- 02:30 pm **Mario Dionisio**
Implementation, development and future of the
EU energy policy
- 02:45 pm **Ann-Marie Fallon**
High rise Passivhaus development in the
UK Carbon impact study
- 03:05 pm **Marius Soflete**
Buhnici House in Bucharest, Romania
- 03:25 pm **Piero Russo / Grazia Gentile**
Passive House design in southern Italy compared to
NZEB
- 03:45 pm **Laszlo Szeker**
PH responding to climate change with mitigation
and adaptation

Panel Discussion: How can high energy-
efficiency and building culture be combined?
Ballsaal 1st Floor

- 02:30 pm **Moderation**
Michael Braum
Managing Director of the International Building
Exhibition Heidelberg (IBA)
- Guests on the panellists**
- Stefan Forster** | STEFAN FORSTER ARCHITEKTEN
Hilde Léon | léonwohllhage
Michael Schumacher | schneider+schumacher
Achim Söding | AUER WEBER
Jörg Usinger | BEHNISCH ARCHITEKTEN

04:10 pm **Coffee break**

WORKSHOP: Climate protection at district level -
planning and evaluation with districtPH
Robert-Schumann-Zimmer 1st Floor

- 02:30 pm **Workshop**
More and more municipalities, designers and consultants are
dealing with the question of how to design or retrofit a whole
city district energy- and cost-efficient. For this reason, the Passive
House Institute has developed a computing tool within the
framework of the EU project SINFONIA, with which develop-
ment or retrofiting scenarios can be evaluated at district level.
- districtPH helps with questions about suitable supply options
and sensible design for remediation subsidies and shows how
a net zero-energy district can be achieved. This workshop will
present the basic features of districtPH and present practical
examples.
(Number of participants is limited, registration required)

04:10 pm **Coffee break**



PASSIVE HOUSE EXHIBITION

Großer Saal | Great Hall

There will be no presentations in the Großer Saal | Great Hall between 04:00 pm and 06:30 pm.

Visit the exhibition
and use the
chance to network!

Airtightness

Kammermusiksaal 1st Floor

English

- 04:40 pm **Wolfgang Hasper**
Airtightness in Central Europe – Planning principles for airtightness
- 05:05 pm **Thomas Kirtschig / Matthias Laidig**
Airtightness in the Heidelberg Bahnstadt
- 05:30 pm **Jürgen Schnieders**
Measuring airtightness in highrise buildings
- 05:55 pm **Paul Jennings**
Lessons from delivering airtightness from 10 years of UK PH testing

Panel Discussion: Passive House:
A great concept – but where's the demand?
Ballsaal 1st Floor

WORKSHOP
Q & A for designPH 2
Robert-Schumann-Zimmer 1st Floor

German

English

Discussion with the audience
and panellists

- 04:40 pm **Moderation: Johannes Laible**
Publisher of the "Passivhaus Kompendium"
- Guests on the panellists**
Frank Heidrich, Federal Ministry of Economics and Energy
Dieter Herz, Engineer and Passive House Designer, Herz und Lang
Ronald Meyer, Civil Engineer and Board Chairman of the Federal Association of Building Modernisation
Christiane Staab, Mayor of the City of Walldorf
Jan Steiger, Passive House Institute
Georg Zielke, Architect and Passive House Designer, Architekturbüro A-Z

06:20 pm **Break**

- 04:40 pm **Workshop**
Get to know the new features of designPH 2.0!
Among other things, we will introduce the new shade detection function and the input process for thermal bridges and ventilation systems.

(Number of participants is limited, registration required)

06:20 pm **Break**

06:30 - 07:15 pm

Passive House Slam

Experience exchange for
enthusiasts and experts



Panel discussion

How can high energy-efficiency and building culture be combined?

What opportunities does the Passive House Standard offer for energy-efficient construction? Renowned architects discuss the challenges and design potential.

Ballsaal 1st floor
Friday 2:30 pm

02:30 pm

Moderation



Michael Braum

Urban planner and Professor for urban planning and design at the Leibniz University of Hanover as well as Managing Director of the International Building Exhibition Heidelberg (IBA)

Guests on the panellists



Stefan Forster

Managing Partner at Stefan Forster Architekten GmbH, Frankfurt

© Lisa Farkas



Hilde Léon

Architect and Managing Director at léonwohlhage architectural firm. Professor at the Leibniz University of Hanover

© Kai-Uwe Knoth



Michael Schumacher

Professor at the Faculty of Architecture and Landscape Sciences, Leibniz University of Hanover, co-founder of schneider+schumacher

© Kirsten Bucher



Achim Söding

Managing Partner at AUER WEVER, Stuttgart

© Erik Jan Ouwerkerk



Jörg Usinger

Partner at Behnisch Architekten mbB Stuttgart since January 2017

© David Matthiessen

Panel discussion

Passive House: A great concept – but where's the demand?

On this panel discussion, representatives from the fields of architecture, politics, economics and communications shed light on the different aspects of increasing the demand and uptake of Passive House. The audience can make statements in advance and submit questions for the podium guests to add to the discussion.

This is an IG Passivhaus event in cooperation with Pro Passivhaus and the "Passivhaus Kompendium".

04:40 pm

Moderation



Johannes Laible,

Publisher of the "Passivhaus Kompendium"

© J. Laible

Ballsaal 1st floor
Friday 4:40 pm

Guests on the panellists



Frank Heidrich,
Federal Ministry of Economics and Energy

© Uwe Frauendorf



Dieter Herz
Engineer and Passive House Designer, Herz und Lang

© Isny Bucher



Ronald Meyer
Civil Engineer and Board Chairman of the Federal Association of Building Modernisation



Christiane Staab
Mayor City Walldorf

© Carina Kircher



Jan Steiger
Passive House Institute

© PHI



Georg Zielke
Architect and Passive House Designer
Architekturbüro A-Z

© PHI

Sustainability and
Renewable Energy Supply
Großer Saal | Great Hall

- 09:00 am **Benjamin Krick**
PER and Passive House: Dream Team
- 09:25 am **Nicolai Ferchl / Joost Hartwig / Hans Drexler**
Energy, construction and social responsibility as a holistic approach: The example of the Collegium Academicum project in Heidelberg
- 09:50 am **Marcus Lembach**
The DBU Naturerbe GmbH's „smart box“ building
- 10:15 am **Stephan Leitschuh**
Life cycle analysis of residential buildings of different construction methods

How to reach affordable NZEB?
Kammermusiksaal 1st Floor

- 09:00 am **Joyce van den Hoek Ostende**
Towards Affordable Zero Energy Buildings:
A step by step guide
- 09:25 am **Susanne Winkel**
Life-Long-Learning
- 09:50 am **Benjamin Krick**
Tools for cost effective windows and mould prevention
- 10:15 am **Kerstin Stolz**
Lessons learned from quality assurance in
Passive House District Heidelberg-Bahnstadt

Summer comfort in Passive House
Ballsaal 1st Floor

- 09:00 am **Oliver Kah**
Questions about summer comfort: How can these be answered?
- 09:25 am **Wolfgang Frey**
Summer comfort in Passive House versus large window areas
- 09:50 am **Jessica Grove-Smith**
Heat Island effects, stress test in PHPP
- 10:15 am **Oliver Ottinger**
Ensuring summer comfort in school buildings – Quo vadis?
- 10:40 am **Coffee break**

WORKSHOP
BIM and PHPPRobert-Schumann-Zimmer 1st Floor

- 09:00 am **Workshop**
This workshop will explain how to introduce energy efficiency parameters into BIM models and explain the features of the BIM2PH converter tool to export data to PHPP.
BIM2PH is the new interface concept for BIM tools to export project data from 3D models to PHPP.

(Number of participants is limited, registration required)
- 10:40 am **Coffee break**

New in ventilation technology

Großer Saal | Great Hall

- 11:10 am **Markus Meyer**
BauSchau in the House of Energy - experience with central and decentralised ventilation units from 6 years of operation experience.
- 11:35 am **Kristin Bräunlich / Oliver Kah**
Facade-integrated ventilation and requirements
- 12:00 pm **Rainer Pfluger**
Simplification of and increase in energy efficiency of central ventilation systems in apartment building
- 12:25 pm **Tanja Schulz**
Home ventilation made easy – and energy efficient

Tools for cost efficient building design

Kammermusiksaal 1st Floor

- 11:10 am **Thilo Cunz**
Brunck-Quarter Ludwigshafen: Successful energy efficiency modernization with long-term monitoring results
- 11:35 am **Martin Ploss**
Only numbers count – concrete lifecycle costs in social housing
- 12:00 pm **Tomas Mikeska**
Performance data generation tool for air-to-air heat pumps
- 12:25 pm **Kristin Bräunlich**
Extractor hoods with low energetic influence for high energy efficient buildings

Future-proof retrofits

Ballsaal 1st Floor

- 11:10 am **Micheel Wassouf**
A step-by-step school retrofit
- 11:30 am **Franz Freundorfer**
Passive House: It's worth it – especially for retrofits! Duet of envelope and ventilation
- 11:50 am **Katerina Mertenova / Martin Augustin**
Renovation of an old townhouse to the Passive House standard in a conservation area
- 12:10 pm **Helmut Schöberl / Ernst Schriefl**
Renovating a residential building in Vienna and preserving the historic façade
- 12:30 pm **Roland Matzig**
Retrofitting with PFEFFER (prefabricated elements for fast energetic renovation)
- 12:50 pm **Lunch break**

WORKSHOP
Curtain façadesRobert-Schumann-Zimmer 1st Floor

Number of participants is limited, registration required

- 11:10 am **Benjamin Krick**
Introduction: Highly energy efficient curtain walling: energy and cost savings
- 11:20 am **Stefan Oehler**
Highly energy efficient curtain walls in new construction and renovation, architecture, possibilities and costs in practise
- 11:45 am **Adrian Muskatewitz**
Optimisation strategies for curtain walls
- 12:10 pm **Ejot Austria GmbH & Co.KG**
Using stainless steel wall brackets for sustainable and cost effective solutions
- 12:25 pm **Schöck Bauteile GmbH**
Combar for curtain walls and sandwich panels, technology and cost efficiency
- 12:50 pm **Lunch break**

Quality assurance,
handover and monitoring
Großer Saal | Great Hall

- 02:20 pm **Fabian Ochs**
Three years monitoring analysis of two residential NZEBs
- 02:45 pm **Wolfgang Hasper**
Commissioning & Monitoring as the key to success
- 03:10 pm **Walter Orlik**
Monitoring in the Heidelberg Bahnstadt
- 03:35 pm **Kati Jagnow**
Less is more – operating experience from the Passive House school St. Francis in Halle / Saale

Deep retrofits

Kammermusiksaal 1st Floor



- 02:20 pm **Harald Malzer**
SINFONIA – Selection of outcomes and best practice examples from Innsbruck
- 02:45 pm **Andrea Bombasaro / Ileana Iannone**
Innovative strategy for tall buildings retrofit the case of Torri M. Bianca, Trento Italy
- 03:10 pm **Rainer Pfluger**
Results of deep renovation of two Austrian Schools
- 03:35 pm **Søren Dietz**
Social housing retrofitted to the Passive House Standard: Considering the CO₂ emissions of future district heating

Cost-effective supply solutions

Ballsaal 1st Floor

- 02:20 pm **Berthold Kaufmann**
Overview: split units / compact units for heating and cooling and experiences monitoring in Kranichstein
- 02:45 pm **Benjamin Krick**
Cost-effective heat supply concepts: Passive House versus low energy building
- 03:10 pm **Fabian Ochs**
Ventilation, heating and DHW preparation with decentral compact heat pumps
- 03:35 pm **Jessica Grove-Smith**
Excessive hot water consumption? Why? How can you reduce hot water demand?
- 04:00 pm **Coffee break**

WORKSHOP

What's new in PHPP?

Robert-Schumann-Zimmer 1st Floor

- 02:20 pm **Workshop**
Want to know which features are on the horizon for PHPP 10? Then take part in this workshop! We present the extended input options for cooling units and heat pumps, stress tests for extreme weather and other conditions and future climate considerations. We will also introduce the new comparison methods with monitoring results or consumption data, as well as show participants templates for entering energy reference areas or room volumes.
- (Number of participants is limited, registration required)
- 04:00 pm **Coffee break**

Closing Plenary | Great Hall: 04:30 pm
End of the event ca. 06:00 pm

Closing Plenary | Great Hall: 04:30 pm
End of the event ca. 06:00 pm

Passive House Institute

Your competent partner for consulting on innovative projects and components.



We also provide support and advice in the development of Passive House building components and the creation of energy concepts for all manner of buildings. Please feel free to contact us at:

Benjamin.Krick: components@passiv.de
Zeno Bastian: building.certification@passiv.de

photo © Graeme McDonald



- Research and consultancy
- Dynamic building simulations
- Passive House building certification
- Development and certification of Passive House building components
- International Passive House Conference
- Passive House Designer/Tradesperson course materials
- PHPP – the Passive House design tool
- International Passive House Association

www.passivehouse.com

EXCURSIONS

Excursions in and around Heidelberg

The conference may end Saturday but stay one more day and visit Passive House buildings in Heidelberg and the surrounding area on Sunday, May 5!

All excursions include a guided tour with English translation and snacks.

(Number of participants is limited, registration required)

Meeting point:

All excursions start/end at the backside/southside of Heidelberg mainstation.

Excursion 1 | Bahnstadt Heidelberg (walking tour) 09:00 am – 02:00 pm

Discover one of the largest Passive House districts in the world! We will begin at the central station, which is only a stone's throw away from the Bahnstadt, and go by foot to explore the residential and non-residential buildings of the Passive House district. Please store your luggage in one of the lockers available in the station if you do not wish to carry it with you.

A return to Heidelberg central station is possible at any time, the tour ends at 2:00 pm.

Excursion 2 | Heidelberg's south (bus tour) 09:00 am – 05:00 pm

Stadtwerke Heidelberg's energy park | school | kindergarten or apartment building

Excursion 3 | Heidelberg's north (Bustour) 09:00 am – 05:00 pm

Office building | multi-storey residential building (retrofit) | Passive House terraced houses | hotel





iPHA – The International Passive House Association

The global Passive House network for energy efficiency in construction

iPHA works to promote the Passive House Standard and foster a greater public understanding of its significance.



comfortable
affordable
sustainable



© Peter Aaron / OTTO

Encouraging the global exchange of Passive House knowledge, iPHA communicates with the media, the general public and the entire range of construction professionals.

Reap the benefits of iPHA membership:

- Passipedia, the wiki-based Passive House resource
- The iPHA forum, a dynamic platform for exchange
- Presentation in the iPHA member database
- Newsletters detailing Passive House developments
- Discounts on Passive House Institute services and events
- An array of expert material



Join iPHA today!

www.passivehouse-international.org

1. Registration

Registrations must be either submitted online or by post. Registrations are binding and will be processed in the order in which they are received. The number of participants is limited. After registration, you will receive an invoice. The early booking discount can only be granted if the registration is made before 07 March 2019 and payment is completed by 14 March 2019. Only those who have paid the applicable fees in full will be admitted to the conference. Only cancellations in writing will be accepted. All cancellations received after 20 March 2019 will incur a €70 processing fee while cancellations made as of 1 April 2019 will incur a fee equal to 50% of the total registration fee. The participation fee is to be paid in full in the case of no-show or cancellation on, or after the 10 April 2019. A substitute participant may, however, be nominated.

2. Services

The scope of services includes: the conference presentation for download, lunch, coffee breaks and simultaneous translation into English at several German language sessions. The organisers reserve the right to make any necessary changes to the programme.

3. Cancellation, limitation of liability

In the event that the Passive House Conference „Achieve better buildings“ or any part of the framework programme must be cancelled, the participants will be notified immediately and any participation fees already paid will be reimbursed. The liability of the organisers is limited to reimbursement of the paid participation fee only.

Conference 3 and 4 May 2019

Early booking rate (Registration by 7 March, payment by 14 March 2019)	590 €
Regular rate	690 €
Speaker	190 €
(only one speaker discount will be granted for each presentation)	

One-day conference participation

Early booking rate (Registration by 7 March, payment by 14 March 2019)	390 €
Regular rate	450 €
(No further speaker discount for one-day conference participation)	

Student discount: **50 %**
(Full-time students only; copy of valid student ID must be enclosed with registration)

Cultural excursion*, 4 May 2019, 7 pm 10 €

Passive House Networking Party*, Friday, 3 May 69 €

iPHA Dinner*, 4 May 2019 55 €

Excursions*, 5 May 2019 99 €

iPHA members receive 15 % discount on the fees listed above (except iPHA Dinner) **15 %**

All fees incl. VAT

*(for conference participants only, registration required)

Exhibition

Passive House components provide maximum comfort with low energy costs in new builds and refurbishments alike. Whether you are looking for insulation materials, windows or ventilation systems with heat recovery – all of the leading manufacturers of Passive House components will be represented at the accompanying exhibition. Here you will find first-class advice, information materials, illustrative models, and experts happy to answer your questions.

Date: Friday and Saturday,
3rd and 4th May 2019
Venue: Kongresshaus Stadthalle
Heidelberg | Neckarstaden 24
69117 Heidelberg | Germany

Only accessible for conference participants

The conference and Passive House exhibition are aimed at:

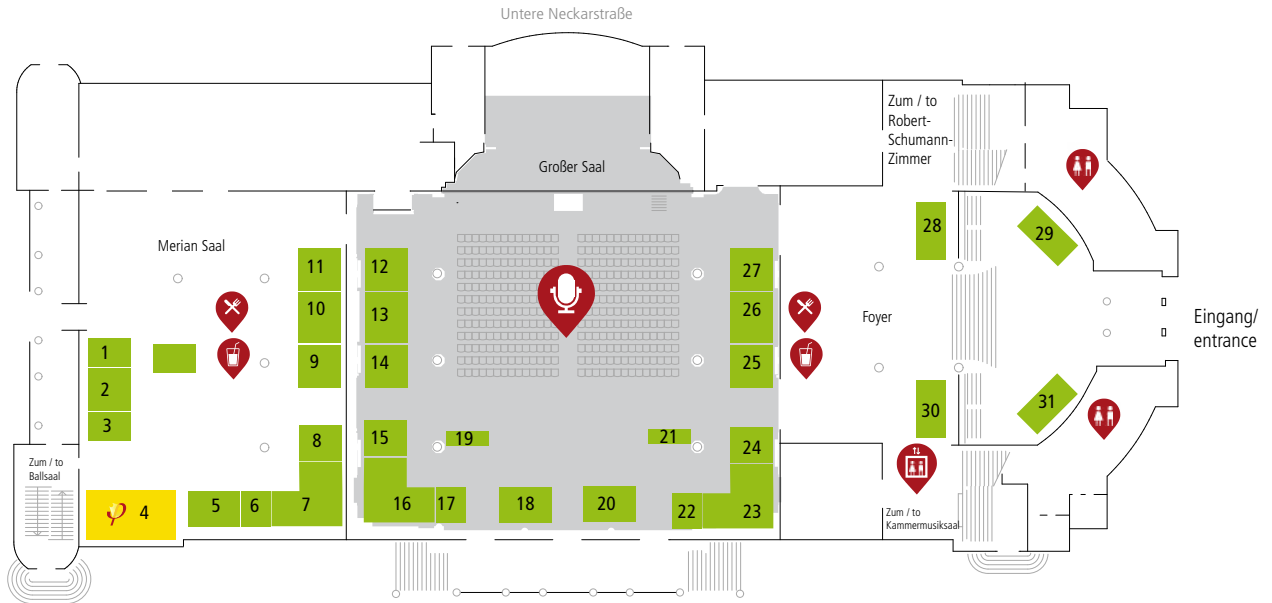
architects, designers, engineers, energy consultants, energy suppliers, tradespeople, scientists and researchers, retailers, manufacturers, local authorities, property developers, students

Exhibition area themes

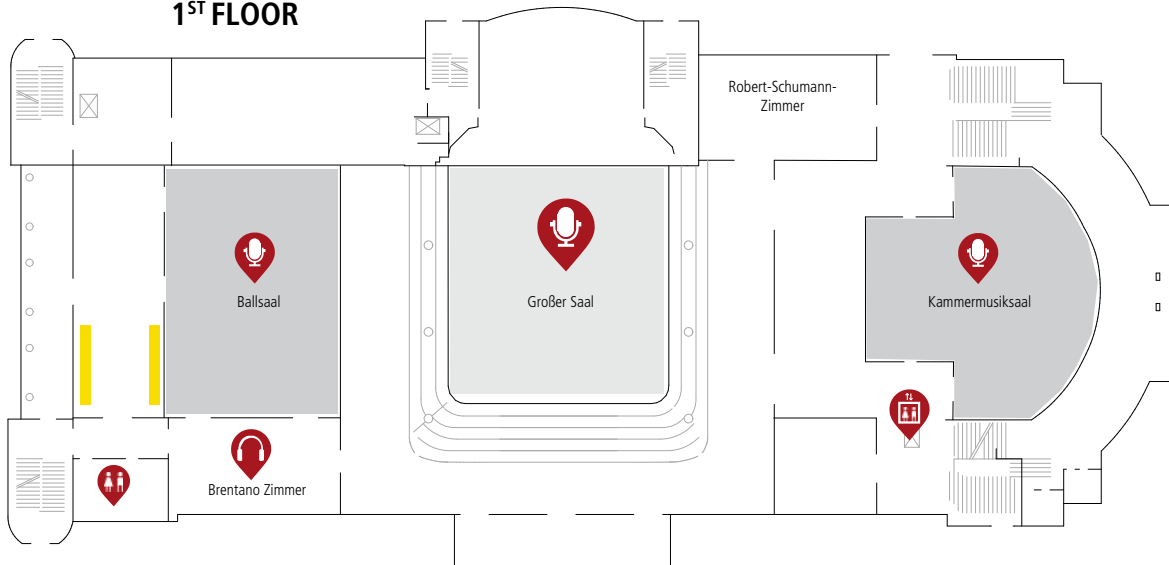
- Insulation
- Windows and doors
- Ventilation systems with heat recovery, compact heat pump units, air conditioning split units, subsoil heat exchangers, stoves and heating systems, solar collectors
- Measuring devices for airtight construction and ventilation techniques, infrared cameras
- Products for ensuring airtightness
- Prefabricated buildings and building components
- Contracting businesses, trade associations, architectural and engineering firms, energy consultants, quality assurers
- Software, specialist literature, advanced training
- Renewables for Passive House buildings







GROUND FLOOR



1ST FLOOR



-  Vortragssäle | Lecture Hall
-  Informationsstand | Info Point

-  Kopfhörer-Ausgabe | Headset Pick-Up
-  Catering

-  WC
-  Aufzug | Elevator

-  Garderobe | Cloakroom
-  Drinks

1 Meltem Wärmerückgewinnung GmbH & Co. KG

2 pro Passivhausfenster GmbH

3 ACIN instrumenten

4 Passivhaus Institut / Passive House Institute
Passivhaus Institut Innsbruck
IG Passivhaus Deutschland
International Passive House
Association – iPHA

5 Wiegand Fensterbau Dipl. Ing. FH Dirk Wiegand

6 tremco illbruck GmbH

7 EJOT baubefestigungen GmbH

8 bluMartin GmbH

9 J. Pichler GmbH

10 Pro Passivhaus e.V.

11 Vallox GmbH

12 Zehnder Group Deutschland GmbH

13 Systemair GmbH

14 Brink Climate Systems Deutschland GmbH

15 ALUMAT-Frey GmbH

16 ROTHO BLAAS SRL

17 GHT Ltd

18 Moll bauökologische Produkte GmbH

19 OPTIWIN GmbH

20 Schöck Bauteile GmbH

21 Fresh-r.

22 Gebäudeenergieberater
Ingenieure Handwerker – Bundesverband e.V.
Klimatop GmbH
Linzmeier Bauelemente GmbH

23 LAMILUX Heinrich Strunz GmbH

25 SIGA Services AG

26 SWISSPACER Vetrotech Saint-Gobain AG

27 STEICO SE

28 isorast GmbH

29 ENERsign GmbH

30 Zimmermann Lüftungs- und Wärmesysteme GmbH
& Co. KG

31 Pluggit GmbH

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