The International Passive House Association

The global Passivhaus network

The International Passive House Association (iPHA) is a global network uniting both Passive House experts and enthusiasts alike. Together with its 22 Affiliate Organisations, iPHA works to promote the Passive House standard and foster a greater public understanding of its benefits and achievability. The network makes a wealth of information available and facilitates active exchange among professionals, policymakers and the public.

Passive House Network (PHN)

Join the North American Passive House community today and be exposed to a range of benefits as a member, you will also automatically become a member of IPHA! Please visit: https://naphnetwork.org/ to find out more.

Passive House for Everyone (PHFE)

Passive House for Everyone! is the Education Arts arm of ChoShields Studio, a Certified Passive House architectural studio. ChoShields Studio offers extensive architectural and technical expertise with a strong multidisciplinary approach. We are on a mission to bring awareness to passive house design through creative arts & hands-on training educational workshops locally, nationally, and internationally!

Efficiency: The First Renewable Energy

info@passivehouseforeveryone.org
www.passivehouseforeveryone.org

International Passive House Association (iPHA)

info@passivehouse-international.org
www.passivehouse-international.org
Efficiency First

Meeting our goals for climate protection

The United Nation’s IPCC highlights the substantial action needed to limit global warming. Currently, 35% of global energy consumption comes from the building sector alone. The operational stage is the largest contributor to carbon emissions, with the majority of this stemming from heating and cooling demand.

Therefore, think #EfficiencyFirst! The Passive House standard (or EnerPHit for retrofits) provides a pathway to meeting our climate goal.

The Passive House standard is future-oriented and benefits all. Building professionals profit from a growing industry and satisfied customers, while end users benefit from greater comfort, health and quality assurance. The Standard does not prescribe a particular building design but rather sets transparent performance criteria based on building physics.

The Benefits of Building Better

The associated benefits of building better exceed environmental and cost benefits. Certified Passive House buildings:

- **Achieve a high level of comfort** - Passive Houses are optimally insulated for the local climate creating a consistently comfortable indoor climate, free of draughts.

- **Provide fresh air** - The ventilation system with heat recovery cares for comfortable indoor temperatures. In humid climates, a humidity recovery is applied.

- **Are built to last** - Passive House buildings are resistant to moisture build-up and mould damage. The reason: Good airtightness and high-quality components.

- **Perform as planned** - The planning tool (PHPP) ensures a reliable energy balance. There is no so-called “performance gap” between the planned energy need and the real energy consumption of a building.

- **Can be designed as desired** - The Passive House standard is a performance standard and not a specific construction method. Designers are free to choose how to meet the energy performance criteria.

- **Are more cost-effective** - Over the building’s lifecycle, a Passive House building is more cost effective than a conventional build due to its extremely low energy demand and therefore low running costs.

Efficiency and renewables: A match made in heaven

The low energy demand of a Passive House building makes it easy to achieve more with less. Renewables placed on even a small surface area suffice to cover the biggest part of your energy demand! This #EfficiencyFirst approach reduces the costs for energy infrastructure and (em) powers local communities!

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The 5 Passive House principles (© Passive House Institute)