



The  
Passive House  
Network

# are you building a sustainable future?

seize the power of  
**Passive House**  
and  
**build a better world**

[www.passivehousenetwork.org](http://www.passivehousenetwork.org)

## 1. education drives industry transformation

On-demand, live-online, and hybrid formats provide affordable and accessible Passive House training to stakeholders – from policymakers to developers, consultants, builders, architects, engineers, and owners.

Passive House education changes our vocabulary and changes building culture. Become a Certified Passive House Designer, build truly sustainable solutions, and forever change business-as-usual.



Register today



## 2. certification provides quality assurance

Certification provides 3rd-party verification of performance, drives optimization and cost control, protects your investment, and provides the premier globally recognized seal of high quality.

Certification is a transparent and flexible process that keeps the project team's focus on the critical drivers of building performance.

There are over 25 active certifiers in the US organized in the North American Certifiers Circle. From programming, through design, construction, and commissioning, they will help you get across the finish line.



Certify your  
building



## 3. community accelerates knowledge sharing

Peer-to-peer knowledge sharing is a superpower of the Passive House community. It is a generous community and we work hard to cultivate this fellowship with membership, regional chapters, and global participation.

Attend the PHN conference, open houses, meet others and grow together.



Join Us



## 4. advocacy action to change the world

By building Passive House buildings we can make sure our transition to an all-electric renewable energy future is beneficial for everyone - providing comfortable, affordable, and healthy buildings.

Passive House underpins the United Nations Framework Guidelines for Energy Efficiency Standards in Buildings and addresses 10 UN Sustainable Development Goals (SDGs).

Help support and drive Passive House adoption. Speak to your neighbors, co-workers, elected representatives, and with social equity & sustainability allies. Change the conversation.



Help us



## what makes a building a “Passive House”?

Developed by the Passive House Institute and supported by over 30 years of ongoing scientific research, Passive House is the world’s most rigorous building energy standard.

### There are Five Basic Principles:

1. Continuous Insulation
2. Airtightness
3. Thermal Bridge Free Construction
4. High-Performance Windows & Doors with Solar Shading
5. Ventilation with Efficient Heat Recovery

Passive House first makes a durable enclosure. Building components are optimized with the entire project process. This radically reduces cooling and heating loads by up to 90%, and it ensures our all-electric net-zero future provides critical benefits like healthy indoor air, comfort, safety, and affordability.

## faq

### What climates does Passive House work in?

Passive House works in all climates, from arctic cold to the hot and humid tropics.

### Can it be used for buildings that aren’t houses?

Yes! A Passive House building can be a school, office, or apartment building. Even supermarkets, hospitals, and factories are certified Passive House buildings.

### Can we renovate buildings to Passive House too?

Yes! EnerPHit is the Passive House retrofit standard and has flexible pathways to address conditions unique to existing buildings.

### Does it cost more?

Passive House buildings can cost less than typical construction! However, it is a high-quality building, so Passive House will typically cost 3-5% more. Costs can be controlled best by engaging the certification process at the very start of the project planning, while rigorously optimizing the design and construction at every step.

### Does my project team need special training?

Key personnel from ownership to architects, engineers, and contractors should have Passive House training to support design & cost optimization, and quality control.

### Should I invest in Passive House or renewable energy first?

Invest in Passive House efficiency first -drive down the demand for energy and achieve all the benefits for the occupants, ownership, and environment. Then the investment in renewables is much more flexible and less expensive.

“very clean air & healthy”

“almost never need to  
turn on the heat”

“tenants love it”

“super comfortable”

“resilient”

“safe shelter in storm  
blackouts”

“truly sustainable”

“full of daylight and fresh air”

“amazingly quiet”

“high-quality you  
can see and feel”

“provides peace of mind”

“protected from energy shocks”

“keeps cool in summer”

“a perfect fit for  
affordable housing”

“performance everyone  
needs to have”


## how do people describe Passive House buildings?



## Find out more and get started!

The Passive House Network is a national 501(c)3 nonprofit supporting education & community, to build a better world.



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