

Passive House Training: Opportunities for Passive Building to Advance Climate and Affordable Housing Goals

Sponsored by King County GreenTools and Housing Development Consortium

Training Length: 7 hours

Date/Time: Tuesday, September 26, 8:30 am – 4:30 pm

Location: Tukwila Community Center Banquet Hall, 12424 42nd Ave S, Tukwila, WA 98168

Certified passive buildings consume 60-80 percent less heating and cooling energy and have significantly lower carbon emissions than conventional buildings, making them a powerful tool for advancing both climate change and affordable housing goals. They also offer predictability in building performance and improved comfort, efficiency, and health for occupants. In this training, representatives from the Passive House Institute US and Passive House Northwest will provide a technical overview of the principles and benefits of passive building, as well as Passive House building certification programs and standards. We will explore trends in passive building, and learn about policies and incentives from around the world that have helped catalyze passive building and demonstrate the potential for scalability of construction for commercial, residential, and institutional applications.



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Passive building professionals will cover key questions about Passive House and green building, including definitions of “high performance building,” code barriers, tools and resources to advance market transformation, and the incremental cost of this type of construction. Case studies and interactive discussions with project teams will be used to discuss how real projects from various sectors are successfully using design innovations to meet Passive House standards and integrate passive building principles to create better buildings with very little added marginal cost.

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Training participants will come away with an understanding of the benefits of passive building, as well as the potential of Passive House to transform building design and development practices to improve efficiency, performance, durability, and sustainability of the building sector.

Space is limited; please register at the following link: <https://www.eventbrite.com/e/passive-house-training-advancing-climate-and-affordable-housing-goals-tickets-35977945002>

The password to register for the training is “**passivehouse**”.

*Please note that this training is by **invitation only** for government staff and elected officials, as well as affordable housing architects, designers, developers, owners, and general contractors. **It is not open to the general public.***

AGENDA

- 8:30 am Check in, coffee and light refreshments
- 9:00 am Coffee bar closes
- 9:15 am Welcome and introductions (Patti Southard, King County GreenTools & Marty Kooistra, Housing Development Consortium)
- 9:30 am Introduction to passive building principles, standards & certification (Katrin Klingenberg, Passive House Institute US)
- 10:30 am Passive building policy catalysts and incentives (Zack Semke, NK Architects & Chris Higgins, City of Vancouver)
- 11:30 am Lunch: case study and interactive discussion
- 12:45 pm Multifamily case study and interactive discussion: Orchards at Orenco (Mike Steffen, Walsh Construction Co. & Jessica Woodruff, REACH Community Development)
- 1:50 pm Commercial case study and interactive discussion (Maren Longhurst, Sam Rodell Design)
- 2:55 pm Bio break
- 3:05 pm Institutional case study and interactive discussion: Carrick Library (NK Architects)
- 4:10 pm Closing discussion and wrap-up
- 4:30 pm Adjourn