

DECEMBER NEWSLETTER

Mark Your Calendars



VIRTUAL COMMUNITY MEETING FOR DECEMBER

"Communicating the Value of High-Performance"
December 19th, 12 - 1PM PT

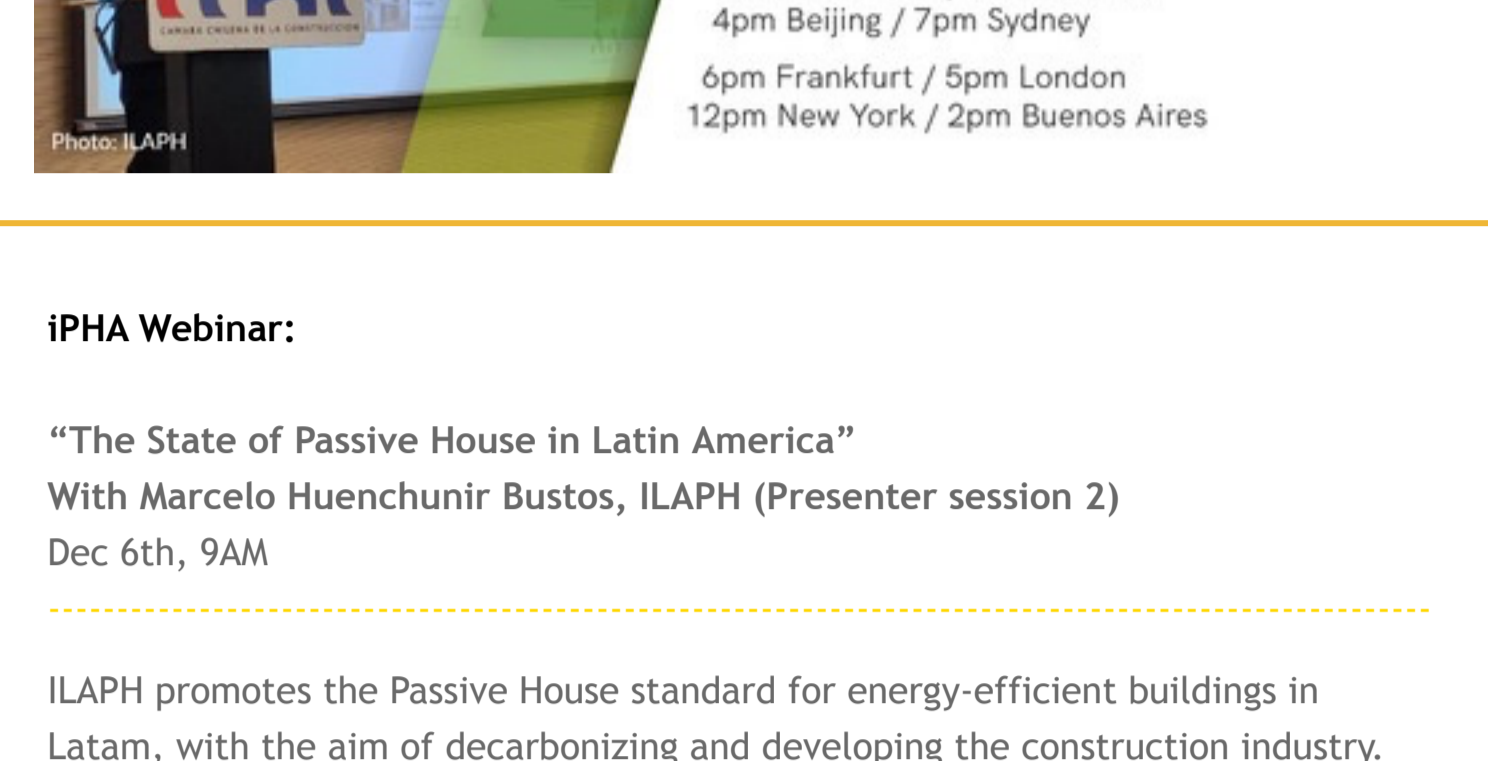
There are many professionals associated with the building industry (architects, engineers, builders, jurisdiction personnel, etc.) who recognize and support the high performance of Passive House – but find it difficult to successfully communicate the value of high performance to others who are not familiar with the benefits of Passive House principles. This presentation and Q&A will focus on ways to persuasively communicate the logic of choosing high-performance for the design and construction of new buildings as well as the retrofitting of existing buildings.

The presentation will include:

- Recognition of Passive House protocols as the Baseline for building performance
- The comfort, health, and safety benefits to occupants of Passive House buildings
- The positive impact of Passive House principles on the mitigation of climate change as well as adaptation to the extreme weather, fire and smoke, and power outages associated with the changing climate
- Key reasons that people choose to invest in high-performance

Presenter: Jay Gentry – Passive House California Board of Directors

[Click Here to Register](#)



IPHA Webinar:

"The State of Passive House in Latin America"
With Marcelo Huenchunir Bustos, ILAPH (Presenter session 2)
Dec 6th, 9AM

ILAPH promotes the Passive House standard for energy-efficient buildings in Latam, with the aim of decarbonizing and developing the construction industry.

With members from 20 countries, ILAPH has trained Passive House designers, organized PH promotion events and continues to work on creating an optimal scenario for PH, facing challenges such as different social and economic levels, high construction cost overruns, lack of PH components and lack of skilled labor.

The webinar will give a glimpse into the work of ILAPH, next steps and hurdles to overcome for widespread Passive House adoption.

This IPHA member webinar will last approximately 90 minutes and is worth 2 Passive House Continuous Education (CEPH) credit points.

[Click Here to Register](#)



PHCA & SCE TRAINING OPPORTUNITY:

"Designing for Zero Net Carbon: Three All-Electric Multifamily Building Case Studies"
Instructor: Edward Dean, FAIA
1.5 AIA/LU available for this course
December 13th 12 - 1:30PM PT

This webinar will showcase 3 all-electric affordable housing projects documented to achieve good energy performance and low carbon emissions through incorporation of energy-efficient design strategies and on-site renewable energy systems. Ed Dean, FAIA, will walk you through design strategies employed for each project, discuss the readily available all-electric building systems utilized by the design teams, and present measured post-occupancy performance data.

[Click Here to Register](#)



PHCA & PHN TRAINING OPPORTUNITY:

"CPHD Training - Pacific Coast"
Winter Cohort Begins January 18th
The climate crisis isn't waiting, and you shouldn't either

If you're an architect, engineer, or consultant in the Pacific or Mountain Time Zones, from Eureka, CA to San Diego, CA, this Certified Passive House Designer course is for you. The kickoff session is January 18, but you can register now and get started right away. Work through the material at your pace, and attend live online review webinars and Q&A sessions with practicing Passive House professionals. Do the exam review on-demand and be prepared for the online exam on April 11. 35 AIA HSW credits available. Don't wait - get started today!

[More Information](#)

[Schedule Details](#)

[Click Here to Register](#)

Passive House Certification: In Review



April Robbins and Team Chipmunk (2nd Place Winners)

IN REVIEW

Passive House Tradesperson Course (CPHT)
Author attending the Training: April Robbins
A little friendly competition makes it easy to become Passive House certified

It's been awhile since I've set foot in a classroom but the 4.5 day EMU Passive House Tradesperson Certification course wasn't all textbooks and memorization. We were able to put the principles we were learning about in the lecture into practice with hands-on modeling. Friendly competition challenged our team to build air sealed and well insulated mock ups that were tested for effective construction overnight. Team Chipmunk (our team) came in 2nd!

The building science behind passive house construction is a dense topic, and there were moments it felt we were inundated with more information than anyone could retain. Still, we left the training capable of navigating the material to apply it effectively on site as builders, and with a network of colleagues to throw ideas off of in the future. This was a great opportunity to become passive house certified as a tradeswoman, and I appreciate all the work done by EMU that went into making it an interactive and engaging course!

[Click Here to Learn More](#)



Passive House Pod Built by Kelly Hsu and Team in Santa Barbara

IN REVIEW

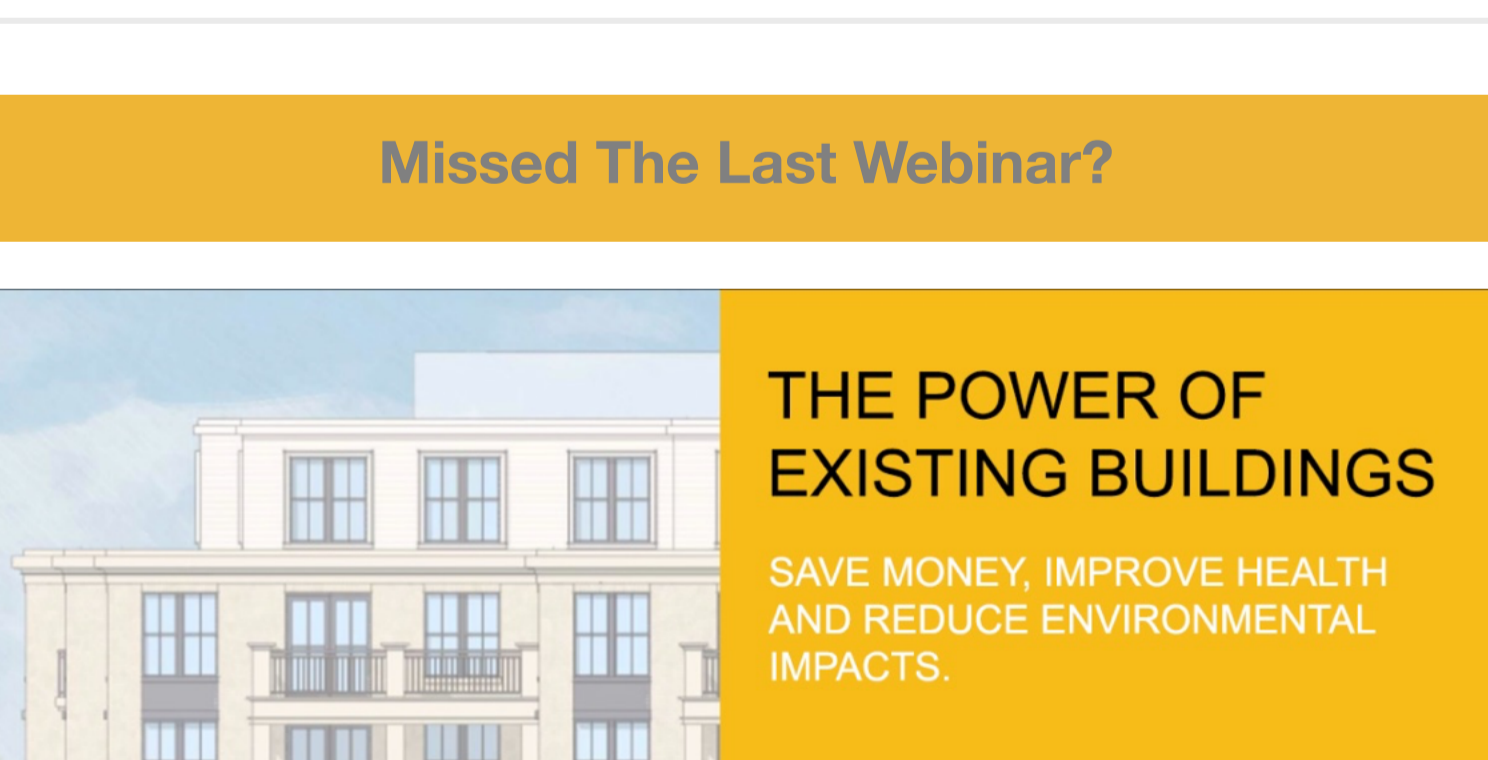
Passive House Tradesperson (CPHT) Training in Santa Barbara
Author attending the Training: Kelly Hsu
Real examples, with hands on experience

It's beyond my expectations, to say the least. Initially, I was debating between LEED BD-C certification or Passive House Tradesperson Certification (CPHT) and I'm glad I made the right choice. The biggest fear as a builder is that can we realistically take what we learned and apply it to our project? Can the materials be cost-effective and acceptable to the homeowners?

Oftentimes, various on-site challenges require us to rely on our experiences rather than standard textbook SOPs, we are trained to learn and improv case-by-case rather than in class. Therefore, most of us are reluctant to acknowledge in-class information, but EMU was able to break through the barrier with real examples, hands-on practices, and images to make the 4-day training so much more interesting...

[Click Here to Learn More](#)

Missed The Last Webinar?



Carl Elefante was right when he said, "no amount of new green construction will get us where we need to go if we ignore existing buildings."

WEBINAR RECORDING

The Power Of Existing Buildings:
Save Money, Improve Health And Reduce Environmental Impacts

Four out of five existing buildings will require renovation over the next generation. Well-planned, deep energy retrofits ensure cost-effectiveness, longevity, and comfort.

Existing buildings have the power to meaningfully change the calculus of reaching a zero emissions future. In order to ensure the costs of electrification and the cleaning of grids around the country do not put undue financial burdens on building owners and tenants, commercial and residential buildings must significantly reduce demand. Most existing buildings can reduce their current operating carbon by 70-80% provided owners and developers take a strategic and holistic approach to decarbonization.

This session provides a series of "no-regrets" moves, using building science and data science tools, that every owner of a building or portfolio of buildings can take to properly prioritize investments in their existing buildings for the purpose of optimizing financial returns and building performance returns. Building performance components considered include energy/operating carbon, occupant health and wellness and building resilience.

[Watch the Full Recording](#)



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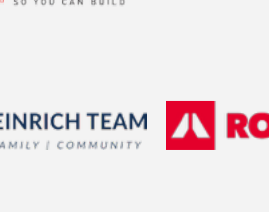
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Passive House California is indebted to our Sponsors for helping us achieve our mission of creating healthy, comfortable, durable, energy- and resource-efficient buildings and communities.

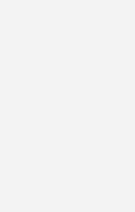
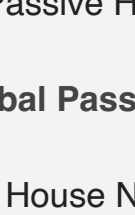
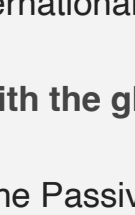
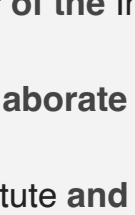
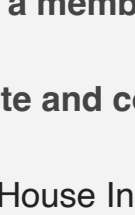
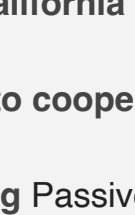
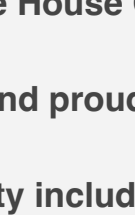
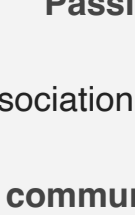
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