

Webinar Session

Wednesday, November 18th, 2026

12:00 PM to 1:00 PM

Introduction to Passive House Standards

As the building industry continues to advance toward higher levels of energy efficiency, resilience, and occupant comfort, understanding the fundamentals of Passive House design has become increasingly valuable for building enclosure professionals, designers, engineers, and researchers.

Join us for an introductory webinar delivered by Passive House Canada that will provide a practical overview of the Passive House standard and the core principles that underpin high-performance buildings. Participants will be introduced to the key design strategies used to dramatically reduce heating and cooling energy demand, including the importance of a robust thermal enclosure, airtightness, high-performance windows, ventilation with heat recovery, and the mitigation of thermal bridges followed by a Q&A with a Certified Passive House Designer.

The session will explore how building enclosure design plays a central role in achieving Passive House performance targets and will discuss considerations for both new construction and retrofit projects. Whether you are new to Passive House concepts or looking to strengthen your understanding of high-performance building design, this webinar will provide a valuable foundation and insight into one of the world's leading approaches to energy-efficient buildings

Frank Crawford, Passive House Canada



Frank Crawford is a Professional Civil Engineer and a Certified Passive House Designer. He designed, built, and now lives in one of the first Alberta homes built to the International Passive House standard. Through his work as an Energy Efficiency Consultant and the Education Committee lead of Passive House Alberta, he helps others learn how to achieve the benefits of building a highly energy efficient building while minimizing additional upfront costs.

