

Passiv for the Masses - Tunneling through the cost barrier through innovative design and production methods

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ABSTRACT

The climate change emergency has made taking high performance buildings into the main stream a high priority. This presentation will outline the techniques the presenter is employing to design, manufacture and construct Passivhaus buildings for the same cost (or less) than standard code buildings. The presenter's systems have the potential to change the way we build in North America.

BIOGRAPHY

As an active design/builder and green building expert, Adam Cohen is a leading North American Passivhaus practitioner whose innovative work on market rate delivery of commercial high performance building has made his expertise sought-after for projects across North America.

As a recognized national leader in the Passivhaus movement he has presented technical papers at both national and international Passivhaus conferences. His leadership in commercial Passivhaus design has made him a sought after speaker, consultant and teacher of advanced courses in Passivhaus ultra-low energy design.

He served as Vice-Chair of the Passive House Institute US technical committee for 5 years and is co-creator and teacher of Passive House Institute US's builder training curriculum.

He has amassed a notable list of projects:

- 1st North American Passivhaus certified public school
- 1st North American Passivhaus university student center
- 1st in the world Passivhaus dental clinic
- 1st and 2nd North American Passivhaus religious assembly building
- 1st in the world Passivhaus with a commercial kitchen
- Largest North American Passivhaus project to date – a college dormitory