

MASTERCLASS: High-Rise Passivhaus

Date: 27 April 2018

Time: 10:30 - 17:00

Location: Saint-Gobain Multi Comfort Visitor Centre, 95 Great Portland Street, London, W1W 7NY
Cost: £150 for PHT members, £220 for non-members

Summary

As Passivhaus continues to deliver high-performance buildings with low running costs, larger developments are adopting the standard. Whilst we have seen some large developments in the UK they have remained modest in height.

In this Masterclass, experienced Passivhaus experts Tomas O'Leary and Jessica Grove-Smith will share their knowledge and experience of large and high-rise Passivhaus developments referencing research studies and completed tall Passivhaus developments in Vienna, New York City and Bilbao. The event will cover approaches to high-rise design, practical construction details, building services and personal experience.



Speakers



Tomas O'Leary

Designed, built and lives in the first Certified Passivhaus in the English-speaking world. An enthusiastic and passionate advocate for all things Passivhaus, a jovial and motivational educator and presenter, experienced research scientist and environmental entrepreneur. Globally accredited by the Passivhaus Institut as a Passivhaus certifier and licensed training provider for the Passivhaus Consultant and Tradesperson programs.

Tomas has certified and consulted on some of the world's tallest Passivhaus buildings in New York and Vancouver.



Jessica Grove-Smith

Jessica Grove-Smith joined the scientific research team of the Passivhaus Institut in 2008. Her main responsibilities include the international application and modelling Passivhaus projects under different climate conditions, interrelations between efficiency measures and renewable energies and deep energy efficiency measures for indoor swimming pools. She frequently participates in conferences and provides training internationally.

As owners of the Passivhaus standard, The Passivhaus Institut has served as an adviser to consultants and designers on the potential issues when delivering tall and complex buildings.

Programme

10:30 *Registration and refreshments*

11:00 **Introduction from Passivhaus Trust**

11:05 **Introduction and international case studies from Europe and North America**

12:00 **Planning policies and local authority adoption**

12:45 **Questions and discussion**

13:00 *Lunch*

13:45 **Building fabric in high-rise Passivhaus**

14:30 **Building services in high-rise Passivhaus**

15:00 **Exercise: Group exercise**

15:30 *Refreshment break*

15:45 **Tips and tricks in PHPP**

16:15 **Electrical loads & primary energy**

16:40 **Questions and discussion**

17:00 *Close, followed by optional drinks at a local pub*

Programme subject to changes.