



Presentation Timetable

(All talks will take place in the Sustainability Theatre)

Centre doors open from 9:00 – Please use this time to explore the exhibitor displays and book 1:2:1s

10:00 – 10:30 | An Introduction To Passivhaus with The Passivhaus Trust

Sally Godber, Energy consultant & Passivhaus certifier, WARM

Sally sets up the day with an Introduction to Passivhaus Principles.

10:30 – 10:55 | Passive House Design Principles – **Jenny Chandela, AC Architects**

AC Architects will explain the Passive House Design considerations as 'rule of thumb' design principles applicable to achieving an energy efficient home. Using Fabric First approach as a guide and learn the simple key elements to the Passive House design!

10:55 – 11:20 | Designing your low carbon retrofit – **Alan Budden, Eco Design Consultants**

Alan will go through the principles of how you can transform your home into a low carbon, comfortable healthy and fun place to live. He will discuss deep versus shallow retrofits, and retrofit by stages, going through key principles. This will be illustrated with examples from Alan's own retrofit project on target for the Passivhaus retrofit standard, EnerPHit.

Break for 1:2:1 appointments / GUIDED RETROFIT (Existing Homes) TOUR (pre-book at Booking Desk)

12:00 – 12:30 | Designing a MVHR system for passive house certification – **Mandip Bhamra, Airflow**

Developments Learn about the importance of Mechanical Ventilation & Heat Recovery (MVHR)

12:30 – 12:55 | Practical Passivhaus - Fabric First – **Robin Miller, Beco Wallform**

Meeting the challenges of PERFORMANCE, CARBON Equation, and SUSTAINABILITY.

12:55 – 13:20 | MBC Passive Timber Frame System – **Lee Broomhall, MBC Timber Frame**

Fulfil your dream of a self-build Passive Timber Frame home with energy savings up to 75% less than the average new build. Established over 20 years ago, MBC specialise in designing and building energy-efficient timber frame buildings and passive houses across the UK. From Scotland to Cornwall, we've completed hundreds of quality bespoke Passive timber frame homes, with airtightness guaranteed.

Break for 1:2:1 appointments / GUIDED PASSIVHAUS (New Build) TOUR (pre-book at Booking Desk)

14:00 – 14:25 | Why is efficient heat recovery ventilation key to good indoor air quality & energy savings in a Passivhaus? – **Andrew Clapton, Total Home Environment**

What heat recovery is, highlighting what you need to consider in the house design and domestic hot water requirements, together with any minimal heating and cooling you may need.

14:25 – 14:50 | Sustainable Insulation & Timber Frame – **Ben Meade, PYC Warmcel**

Offsite Timber Frame Manufacturing With Sustainable Materials

14:50 – 15:15 | Passive EcoWall – **Neil Turner, Ecological Building Systems**

A low carbon solution for low energy and Passivhaus building.

15:15 – 15:40 | How a fabric first approach intersects with renewables – **Mike Shufflebotham, 21°**

An exploration of a house, evolving from meeting basic Building Regulations to achieving Passivhaus standards. Mike will discuss 4 stages of improvement ensuring heating requirements are met.

Centre closes at 17:00 - Use this time to explore the exhibitor display stands and remaining 1:2:1 slots