

Eco Workshop - Heat & Energy

Saturday 9th August

Presentation Timetable - Sustainability Theatre

10:00 – 10:15 | Introduction to Heat & Energy & Expert Elevator Pitches – Rob Bohm, NSBRC
Rob introduces the key themes of today's workshop and explores the key questions to be asking.

10:15 – 10:40 | Underfloor Heating & Renewables – Paul Wood, Nu-Heat Renewables
Underfloor Heating & Heat Pumps: Efficient, low temperature heating for your home
Find out more about the benefits, considerations and options available to you when choosing a heat pump and underfloor heating for your home.

10:45 – 11:10 | Heat Pump Ventilation – Andrew Clapton, Total Home Environment
Super airtightness & insulation offers a super-efficient heating route: HEAT PUMP VENTILATION
What it is, how it compares to heat recovery ventilation, how it bypasses a formal heating system and nearly everything you need to know to have it installed into your home!

11:15 – 11:40 | Solar & Battery Storage – Yen Dai, Eco Energy Environment
Maximising Your Solar Investment – The Total Solution
Why invest in solar – An introduction to the primary design requirements, specifications & key ancillary technologies (battery storage & EV chargers) to maximise solar contribution for new builds.

Short break for 1:2:1 appointments* AND Good Energy Heat & Energy Surgery:** *An introduction to Good Energy's holistic approach to sustainable energy generation and consumption. They will give an informative overview of their Heat Pump and Solar products in the Renovation House and show how bespoke system designs can reduce your carbon footprint and energy bills.* ***(Meet at The Renovation House at 11:45)

12:30 – 12:55 | Ground Source Heat Pumps – Peter Rust Ashford, Kensa
Find out how GSHP's work. What makes a feasible GSHP project? What are the design considerations? What are the benefits over other heating systems?
An Introduction to Ground Source Heat Pumps for homeowners.

13:00 – 13:25 | Small Wind Turbines – Nick Phillips, Britwind
Domestic Energy Generation: wind or solar?
Hear how you can future proof your home, the benefits of wind power and how it works well with other renewable energy like solar.

13:30 – 13:55 | Fabric First Approach – Mike Shufflebotham, 21°
Fabric, Airtightness and Renewables: an integrated approach to quality housing
What if the homes we built didn't just save energy - but actively supported our health and wellbeing? In this session we'll look beyond energy bills to explore how good housing design impacts everything from sleep quality to respiratory health. Drawing on Passivhaus principles, we'll show how fabric-first construction, airtightness, and renewables can work together to create homes that are quiet, comfortable, and consistently healthy to live in.

14:00 – 14:25 | Indoor Climate Solutions – Louise Randall, Zehnder
Modern Heating & Cooling, Radiators Re-Imagined
Zehnder will explain more about radiators for low temperature systems, underfloor heating vs radiators, cooling via your radiator and alternative methods for heating and cooling your home.

***1:2:1 appointments* AND Good Energy Heat & Energy Surgery (Meet at The Renovation House at 14:30)**

Doors open from 9:00. Doors close at 17:30.