



**Saturday  
18th August**

## **Eco Workshop Heat & Energy**

# Presentation Timetable

*All presentations are held in the Build It Theatre*



- 10:00- 10:15 Welcome and introduction to today's featured specialist partners** **David Hilton**  
David Hilton, today's host, introduces you to the theme of the day and our specialist guest presenters.
- 10:15- 10:45 The NSBRC Guide to Heating your Home: 1 Day Course Taster Session** **David Hilton**  
Explore the latest options in Heating & Energy sources - both renewable and conventional systems - in this jargon-busting session. David wrote & presents our Heating your Home Course and is a regular NSBRC Helpdesk Expert.
- 10:45 - 11:15 Solar PV** **Solar Plants**  
Gareth Bevan explains how Solar works, the installation process, how to store energy and how to schedule into your project. Join Solar Plants as they launch their brand new display here at the NSBRC at 12:20 on Stand number 204.
- 11:15 - 11:45 Underfloor Heating: The truth behind the myths** **Nu-Heat**  
Brian Woodcock, from Nu-Heat Underfloor & Renewables, explains how warm water underfloor heating (ufh) works, how ufh can be suitable for both new builds and renovation projects and takes on some common misconceptions.
- 11:45 - 12:15 High Efficiency Air to Water Heat Pumps** **LG Electronics**  
Focusing on LG Electronics' THERMA V Heat Pump this talk looks at how an Air Source Heat Pump works, how to choose the right size unit for your property and how to access the Renewable Heat Incentive Scheme.
- 12:20** **Choice of sessions - see overleaf**
- 12:40** **Choice of sessions - see overleaf**
- 13:30 - 14:00 Insulation & Air Tightness - One Size doesn't fit all** **Evolved Design**  
Sue Dewhurst, from Evolved Design and regular contributor to NSBRC events, discusses good building practice for new builds and renovations. Realise the importance of thinking 'fabric first' before designing any heating system.
- 14:00 - 14:30 BioLPG: A new off-grid fuel** **Calor Gas**  
Karl Bateman introduces Calor's BioLPG - a greener and more sustainable off-grid energy source. Launched in 2017, BioLPG customers can access a GreenGas certificate scheme to show annual carbon savings.
- 14:30 - 15:00 Completely changing the way we heat ourselves** **Herschel Infrared**  
Join Andy Baird as he explores this affordable, zero maintenance radiant heating system from Herschel, which will enable the transition to a zero carbon energy system.
- 15:00 - 15:30 Heat Pump Ventilation** **Total Home Environment**  
If you are building an airtight and well insulated home Clarissa Youden discusses the importance of ventilation and introduces the HPV System; which offers Ventilation and also precise Heating, Cooling and Hot Water in one system.
- 15:30** **Choice of sessions - see overleaf**

## Today's 'Green Team':

The home of  
Self Build  
Custom Build  
& Renovation



National Self Build & Renovation Centre



## Special Sessions:

**12:20 - Underfloor Heating Surgery** **With Brian Woodcock, Nu-Heat**  
**(Meet outside the Renovation House)** Brian will take you on a tour of the Nu-Heat Underfloor Heating System on display within the Renovation House - explaining how it is installed and how you can retrofit UFH without losing valuable space.

**12:20 - New Display Launch** **With the team from Solar Plants**  
**(Meet at Stand 204 - Just outside the Build It Theatre)** Join the team from Solar Plants for cupcakes & prosecco as they celebrate the launch of their brand new display stand.

## Educational Sessions:

Places are limited to 20 people per Educational Tour - Book your place at the booking desk

**12:40 - Air Source Heat Pump Surgery** **With David Hilton, NSBRC Helpdesk**  
**(In the Services Zone - New Build Educational Journey)** David is joined by an expert from Earth Save Products to guide you through how an Air Source Heat Pump works using our interactive, fully plumbed test-rig.

**12:40 & 15:30 - Renovation House Tour** **With Chris Dewhirst, Evolved Design**  
**(Starts outside the Renovation House)** Chris takes you through the unique Renovation House which follows the story of a 1920's property, with a host of structural issues, showing you how to address these and turn a dilapidated property back into a family home - particularly considering sustainability and the efficiency of the property.

**15:30 - New Build Tour** **With David Hilton, NSBRC Helpdesk**  
**(Starts opposite the Sovereign Theatre)** David will guide you through our life-sized exhibits that cover all the major stages of a building project. Pick up some great tips about building your own property including: Groundworks, Foundations & Floors, Walls & Structures, External Options, Roofing and much more...



**Brand New** for October 2018  
*Tricks of the Trade Theatre*



Make your dreams a reality

**5th - 7th October**

**The National Self Build & Renovation Show**

