

SEE INSIDE FOR **SPECIAL**  
**SHOW OFFER...**

**15% OFF**  
**ALL COURSES\***

\* Must be booked today

Certified  
**B**  
Corporation

# The Festival of Sustainable Homes

May 16<sup>th</sup> - 17<sup>th</sup>

**BETTER  
SUSTAINABLE  
HOMES**

Est. 2007

## Things to look out for at the festival...

### » Ask An Expert Zone

Architects, Landscape Design, Project Management, Renewables & much more!

### » Build It Theatre

Covering the Self Build Fundamentals: From Design and VAT to Plots and Planning

### » Trade Village

Over 200 Exhibitors

### » Battle of the Building Systems

Find out everything you need to know about the various self build building methods

### » Sustainability Theatre

Covering the latest eco technologies and heating options

### » Educational Tours

Journey with the NSBRC experts through our New Build Zone, Renovation House & Passivhaus Exhibits

### » Case Studies

Hear from people like you each day in the Sustainability Theatre

### » Nature Zone

Gain energy saving advice from the team at Good Energy and meet selected, genuine ambassadors of sustainable living

**NSBRC**  
National Self Build & Renovation Centre

**Friday & Saturday: 9am - 5pm.**



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# DECISIONS, DECISIONS...

we'll help  
you to take  
the right road  
from an  
informed  
choice

DOING MORE WITH AIR  
SINCE

1998

engage in Heat & Energy Q&A | Friday | 2pm  
watch presentation | Saturday | 10.30am  
attend live retrofit case study | Saturday | 12.45pm

After having completed new builds and renovations ourselves, we know the plethora of decisions you have to make on such a project. We are happy to guide you on your sustainability journey and rest assured, we will only specify the solution that we would choose ourselves.



after all, if you  
do more of that,  
you can afford  
more of these!

see us  
on stand

58



 **total home**  
environment

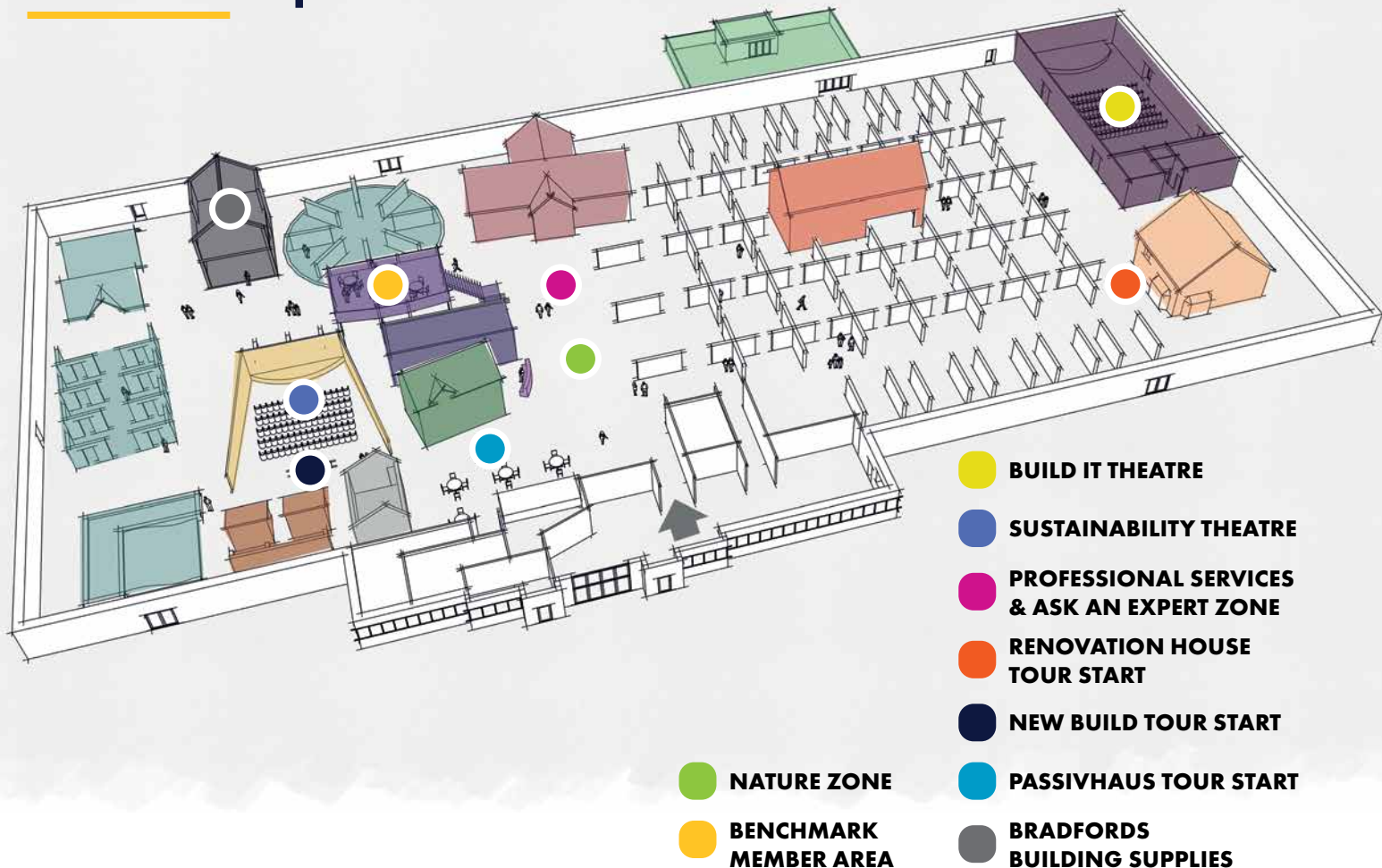
0345 260 0123



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# Theatre Map



## Show Highlights

### GUIDED TOURS

Book for our **FREE** educational guided tours, choose from our **New Build, Renovation House, & Passivhaus Tours**

**New Build Journey: 10:30 & 13:30**

**Renovation House: 10:30 & 13:30**

**Passivhaus: 12:00**

**Places are limited and allocated on a first come first served basis. Book at the Booking Desk in the Piazza.**

### GOOD ENERGY: HEAT & ENERGY SURGERY

**12:00 & 14:30 at the Renovation House (both days)**

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.

**Places are limited, visit the Booking Desk to book your place.**

### CASE STUDIES

**12:45 – 13:25 in the Sustainability Theatre (both days)**

Each day we'll have a different case study in the Sustainability Theatre to hear from those who have already completed a project.

**Friday – Passivhaus**

**Saturday – Retrofit**

### ASK AN EXPERT ZONE

Our experts will be offering **FREE 20 minute** 1:2:1 consultations on a first come, first served basis.

**Visit the Booking Desk in the Piazza to make your booking.**

### NSBRC COURSE DISCOUNT

We offer a wide range of educational courses covering every aspect of self build and renovation projects. Our courses receive outstanding reviews and are excellent value for money.

We are beginning our 2025 programme with **15% off all courses!** So why not bag yourself a bargain at the show, by talking to one of our team or using promo code: **NSBRC15**.

# Theatre Timetables

## FRIDAY 16<sup>th</sup> MAY

Course taster sessions – Claim 15% off all NSBRC Courses today only!  
Ask at our Booking Desk for details.

### SUSTAINABILITY THEATRE

Time	Topic	Presenter	Synopsis
10:30 – 10:55	Retrofit	AECB	<b>CarbonLite Retrofit</b> - CarbonLite is the AECB's retrofit standard. In this presentation Tim will give examples of projects, compare CarbonLite with other similar standards, give the thinking behind it and explain typical measures. He will also look at the Whole Life Carbon and how it can be applied Step-by-Step.
11:00 – 11:25	Finance & Funding	BuildStore	<b>Finance &amp; Funding Your Project</b> - This session is dedicated to methods of raising finance and the importance of setting a budget and controlling costs throughout the project.
11:30 – 12:10	Architectural Design	AC Architects	<b>From Dream to Reality: The Journey of a Self-Build Home</b> - Self-build expert and Chartered Architect Allan Corfield shares the key stages of designing and building your own home. With real stories from the star of the show, Allan gives an honest look at the challenges they faced—and how they overcame them to create beautiful, low-energy homes. A must-see for anyone on their self-build journey.
12:15 – 12:45	Building Systems	Panel: Sustainable Building Systems	<b>Question Time: Battle of the Building Systems</b> - Timber Frame or Brick & Block? Traditional Oak or Concrete Blocks? Build on site or in a factory? Find out everything you need to know about the various self build construction methods with our panel of experts.
12:45 – 13:25	Passivhaus	Clive Spencer & 21°	<b>Passivhaus Case Study</b> - Featuring a brief run through of the design and build process, in this real life case study, Clive will share his experience of living in a Passivhaus - including active shading, filter changing, as well as sharing data on CO2 levels, humidity and energy use.
13:30 – 13:55	Sustainability & Energy Efficiency	Which?	<b>How to Make Your Home More Sustainable and Energy Efficient</b> - We'll give you advice on a range of ways you could improve your home - from big purchases such as solar panels and heat pumps to how you use your appliances. We can help you find installers you can trust.
14:00 – 14:40	Heat & Energy	Panel: Heat & Energy	<b>Question Time: Heat &amp; Energy</b> - Join our panel as they discuss the latest technologies and methods available to us, including air source heat pumps, improved insulation, solar, heat recovery and ventilation.
14:45 – 15:10	Windows & Doors	Norrskén	<b>Why Retrofitting Costs More (And When It's Worth It Anyway)</b> - We will discuss the unpredictability of existing buildings, preparing openings for installation, and working in a domestic environment.
15:15 – 15:40	Kitchens	Sustique	<b>Sustainable Kitchens - Why Materials Matter</b> - What makes a kitchen truly sustainable? It's not just about the latest eco-labels or energy-efficient appliances—it starts with the materials. In this 25-minute talk, Sustique co-founder Mark Byers explores the hidden environmental costs of common kitchen materials and explains why material choices are critical to a kitchen's long-term sustainability.

### BUILD IT THEATRE

Time	Topic	Presenter	Synopsis
10:30 – 10:55	Benefits of Rainwater Harvesting	Rainwater Harvesting	<b>Discover the many advantages of installing a Rainwater Harvesting system</b> - Why flush toilets and water plants with drinking quality water?
11:00 – 11:40	Renewable Energy	Good Energy	<b>Benefits of a Whole-home Approach to Going Greener</b> - An electric car. Solar panels. A heat pump. There's more tech around than ever to help you cut your carbon footprint. But what's the best way to get started? And how do all these systems work together? Join Callum from Good Energy to learn about how we can support you at any stage of your journey to make your home greener and bills smaller.
11:45 – 12:10	Finding Land	Mark Stevenson	Finding a building plot is never easy, but there are ways and means to find that elusive dream plot.
12:15 – 12:40	Renovation Taster	Rob Bohm	This course taster session focuses on sustainable building and energy efficiency. Rob, an expert in building fabrics and heating systems, offers valuable insights for anyone thinking of undertaking a renovation, conversion or extension project.
12:45 – 13:10	Planning	Mark Doodes	Our Planning expert will explain the intricacies of the planning process and how you can optimise your chances of getting approval for your dream home.
13:15 – 13:40	VAT Reclaim	Andrew Jones	One of the joys of self-building is the option to claim a VAT refund! If you're a DIY builder, building a new home or converting a non-residential building into a home you should qualify. We'll discuss what you need to know.
13:45 – 14:10	Design	Palmer + Partners Architects	Key Considerations when Designing your Sustainable Home
14:15 – 14:40	Wood in Construction	Honka & Scandinavian Trading	<b>Creating Healthy Homes With Wood</b> - The use of wood in construction has been the standard in many Scandinavian and European countries for generations and is on the rise here in the UK. Today, Honka UK and Scandinavian Trading are joining to share the many benefits of using wood when building your home. We will touch on research that shows that using wood in buildings benefits our wellbeing as well as being a sustainable choice

### EXHIBITOR STAND DEMOS

Time	Presenter	Synopsis
11:00 & 14:30	AC Architects - Stand 63	<b>Virtual Reality</b> - Experience the latest VR Systems and software. Walk around and fully appreciate the external design and internal spaces of a virtual house in unbelievable 4K clarity!
11:00, 13:00 & 15:00	Living Home Tech - Stand 230	<b>At our Home Cinema demo, visitors can experience the ultimate in-home entertainment.</b> See how cutting-edge audio-visual technology can transform your living space into a cinematic masterpiece. From immersive surround sound to crystal-clear visuals, we'll demonstrate the possibilities for tailoring a home cinema setup to your needs, whether it's for movie nights, gaming, or streaming. Our experts will be on hand to offer advice and answer questions about design, installation, and technology integration. Don't miss the chance to bring your dream cinema experience to life!
Book Now	Fleming Homes - Stand 231	Visit Fleming Homes's stand where Architectural Designer, David Loomis, and Fleming Homes' Director, Scott Hunter, will be providing <b>FREE 45-minute Design / Planning Building Regs Consultations</b> to help you get your self-build project moving in the right direction. Slots are limited and available on a first-come, first-served basis. Book at Stand 231.

## BECOME A 'BENCHMARK' MEMBER

### Speak to Kristina on the Mezzanine

Join a member of the NSBRC team as we explain how we can save you thousands of pounds and hundreds of hours on your project! Benchmark is our brand new, exclusive membership for highly-engaged self builders. Members receive 30% discount on courses, project consultations, access to our show VIP area, and much more...



## SUSTAINABILITY THEATRE

Time	Topic	Presenter	Synopsis
10:30 – 10:55	Heat Pump Ventilation & Heat Recovery Ventilation	Total Home Environment	<b>Heat Pump Ventilation: fresh air, heat recovery, instant heating, cooling &amp; hot water, all in one!</b> - If you're making your home super insulated and airtight, do you need a formal heating system, or could the HPV Series be the energy efficient solution for you?
11:00 – 11:25	Finance & Funding	BuildStore	<b>Finance &amp; Funding Your Project</b> - This session is dedicated to methods of raising finance and the importance of setting a budget and controlling costs throughout the project.
11:30 – 12:10	Timber Frame	PYC Construction	<b>Offsite Timber Frame Manufacturing With Sustainable Materials</b>
12:15 – 12:45	Building Systems	Panel: Sustainable Building Systems	<b>Question Time: Battle Of The Building Systems</b> - Timber Frame or Brick & Block? Traditional Oak or Concrete Blocks? Build on site or in a factory? Find out everything you need to know about the various self build construction methods with our panel of experts.
12:45 – 13:25	Retrofit	Kate Silvester & Total Home Environment	<b>Retrofitting A 1965 Chalet Bungalow</b> - Kate Silvester relates her experience 'warts and all' of retrofitting her 1965 chalet bungalow from Energy Performance Certificate F to C.
13:30 – 13:55	Air Source Heat Pumps	Earth Save Products	<b>Air Source Heat Pumps:</b> Converting to R290 - A new low Global Warming Potential refrigerant.
14:00 – 14:40	Heat & Energy	Panel: Heat & Energy	<b>Question Time: Heat &amp; Energy</b> - Join our panel as they discuss the latest technologies and methods available to us, including air source heat pumps, improved insulation, solar, heat recovery and ventilation.
14:45 – 15:10	Windows Shading	Appeal	<b>Why Window Shading Is A Necessity For Controlling Temperature In Your Home</b> - Demonstrating how blinds with performance fabrics can reduce solar gain in the summer, and insulate in the winter - therefore helping to reduce the use of heating and air conditioning.
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10:30 – 10:55	Self Build Costs & Budget	Quantiv	<b>How To Budget for Your Self Build Project &amp; Control Costs</b> - We explain the factors influencing costs, along with strategies to ensure your build doesn't go over budget during construction. We also look at how to reduce your costs without affecting quality.
11:00 – 11:40	Renewable Energy	Good Energy	<b>Benefits of a Whole-home Approach to Going Greener</b> - An electric car. Solar panels. A heat pump. There's more tech around than ever to help you cut your carbon footprint. But what's the best way to get started? And how do all these systems work together? Join Callum from Good Energy to learn about how we can support you at any stage of your journey to make your home greener and bills smaller.
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13:45 – 14:10	Design	AC Architects	<b>The Integrated Design Team</b> - Join us to understand the role of the two primary contributors to your design team – architect and engineer. We'll discuss what to expect from the process and key stages for involvement. An integrated approach is the best approach to de-risk your project from the outset and help it run smoothly through the design and construction stages.

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(N.B. Live seminars do not need to be booked in advance and all talks are subject to change)

# The NSBRC Guide to Self Build Projects

Before you build your home, build your knowledge!

## Course Contents:

- » Budgeting & Finance
- » Finding & Evaluating Land
- » Design & Specification
- » Trades, Contracts & Tendering
- » Building Regulations
- » Eco Legislation
- » and more...



## Course Dates

11<sup>th</sup> - 13<sup>th</sup> July  
3<sup>rd</sup> - 5<sup>th</sup> October

14<sup>th</sup> - 16<sup>th</sup> November



All in-person courses include refreshments & a USB course pack

# The NSBRC Guide to Project Management

We're with you every step of the way!

## Course Topics:

- » Project Management Basics
- » Budgeting
- » Trades and Materials
- » Site Preparation and Set up



## Course Dates

7<sup>th</sup> June  
26<sup>th</sup> July\*

18<sup>th</sup> October  
29<sup>th</sup> November\*

\* Asterisk indicates the event is held online



# The NSBRC Guide to Planning Permission

How to successfully obtain planning permission.

## Topics Covered:

- » Types of planning permission
- » Creating a successful application
- » Research
- » Design & Drawings
- » Reports
- » Forming your team of expert advisors
- » and more...

### Course Dates

28<sup>th</sup> June  
13<sup>th</sup> September

**1/2 DAY**  
SESSION  
9AM - 1PM  
**£95**  
Per Person Including VAT



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# The NSBRC Guide to Finding Land & Appraising a Plot

Land yourself the perfect plot!

## Course Contents:

- » Why are plots hard to find?
- » How to get started
- » Top 20 ways to find a plot
- » The plot buying process explained
- » Legal considerations explained
- » Assessing the planning potential of a plot

### Course Dates

24<sup>th</sup> October



**1 DAY**  
COURSE  
**£165**  
Per Person Including VAT

**£85**

Per Device for Virtual Course Including VAT



**Places are limited**

To book call us on:

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