

SEE INSIDE FOR **OUR BEST
EVER COURSE DISCOUNTS...**

**UP TO 50% OFF -
SHOW WEEKEND
ONLY***

* Must be booked today

The National Self Build & Renovation Show

**BETTER
SUSTAINABLE
HOMES**

Est. 2007

Create your **Perfect Home**

January 26th - 28th

Things to look out for at the show...

» **Ask an Expert Zone**

Project Managers, Architects, Designers,
Planning Consultants etc.

» **Build It Theatre**

Covering the self build fundamentals

» **Trade Village**

Over 200 Exhibitors

» **Sustainability Theatre**

New & Improved Space for 2024!
Covering the latest eco technologies
& solutions

» **Educational Tours**

Journey with the NSBRC experts through
our New Build & Renovation Zones

NSBRC
National Self Build & Renovation Centre

Friday & Saturday: 9am - 5pm. **Sunday:** 9am - 4pm.

DECISIONS, DECISIONS...



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

CELEBRATING
25 EST. 1998
YEARS
OF DOING MORE WITH AIR

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!
for advice, see us on stand 58 or for a quote send plans to info@totalhome.co.uk

SEND your floorplans to info@totalhome.co.uk

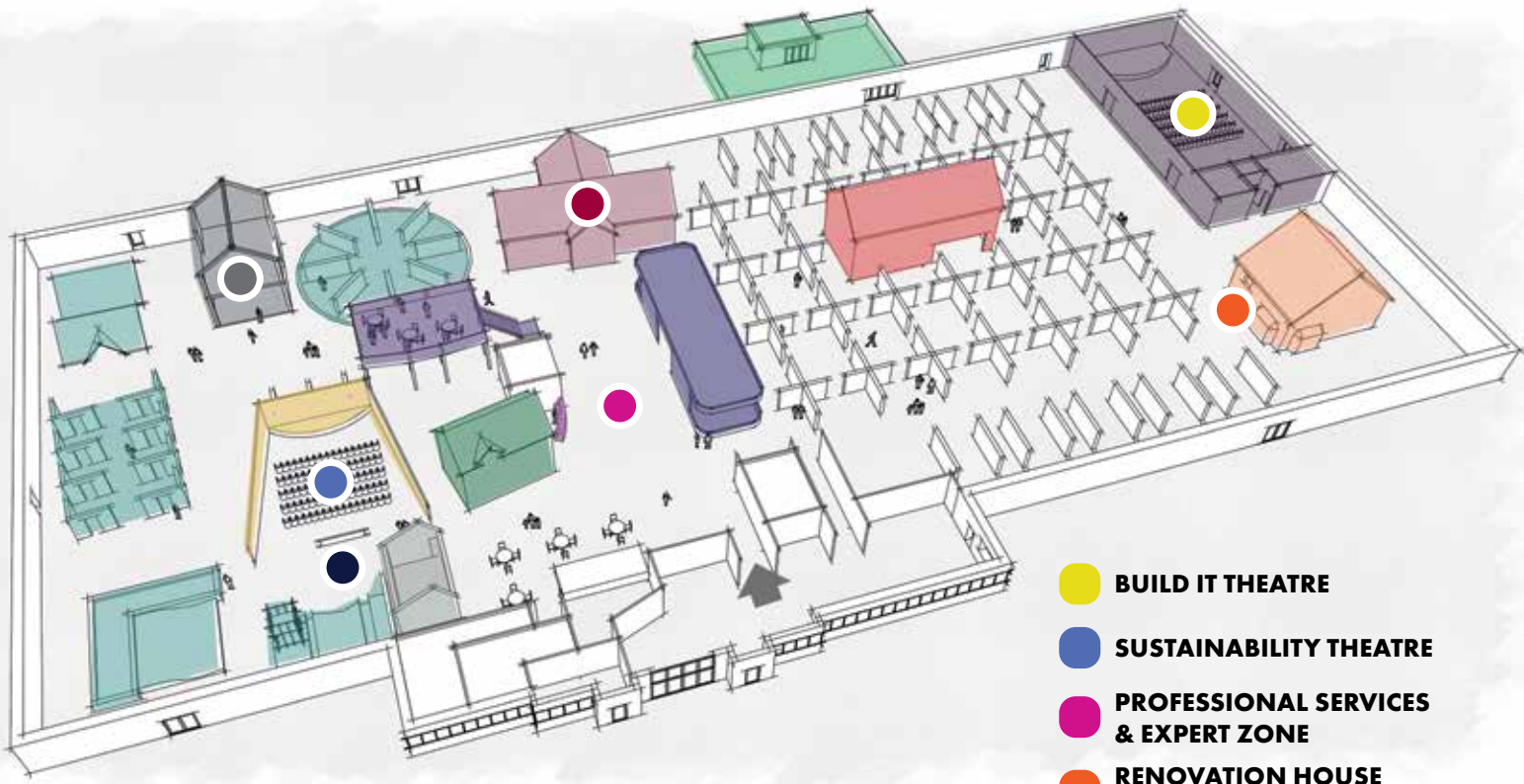


Proud to exhibit at the NSBRC since 2007



total home
environment

Theatre Map



- BUILD IT THEATRE**
- SUSTAINABILITY THEATRE**
- PROFESSIONAL SERVICES & EXPERT ZONE**
- RENOVATION HOUSE TOUR START**
- NEW BUILD TOUR START**
- POTTON HOUSE**
- BRADFORDS BUILDING SUPPLIES**

Show Highlights

GUIDED TOURS

Book for our **FREE** educational guided tours, choose from our **'New Build Journey'** and **'Renovation House'**.

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

FINDING LAND & APPRAISING A PLOT

11:45 – 12:30 in the Build It Theatre (all days)

The NSBRC's Guide to Finding Land & Appraising a Plot Course is an extensive, in-depth and informative one-day course, which delves deep into the challenging world of plot hunting. In this free taster session, Mark Stevenson will share his advice and knowledge, and explain why plots are hard to find, how to get started and some top tips to finding your own building plot.

THE LATEST NEWS ON SOLAR

11:00 – 11:25 in the Sustainability Theatre (all days)

Discover if installing solar panels is still a sound investment and how you can integrate with battery storage solutions to create a holistic system for your home.

FIND OUT MORE ABOUT VAT RECLAIM

15:00 – 15:30 in the Build It Theatre (all days)

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. Andrew will discuss what you need to know.

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 launching our 2024 programme with an amazing offer - with **50% off the below four courses***! So why not bag yourself a bargain at the show.

The exclusive promo code is: **50Jan24** and is valid on Eventbrite bookings for the four specific courses only. You can book at our Booking Desk or online during the show – but this special code will expire at 4pm on Sunday!

You can still claim a 15% discount on all our other 2024 courses by using promo code: **NSBRC15**

2nd Feb – The NSBRC Guide to Finding Land & Appraising a Plot

3rd Feb – The NSBRC Guide to Getting your Project Started

24th Feb – The NSBRC Guide to Project Management

9th Mar – The NSBRC Guide to Self Build Projects

15% OFF ALL COURSES... MUST BE BOOKED TODAY!
VISIT THE BOOKING DESK TO BOOK NOW!

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...

3 DAY
SELF BUILD COURSE
£395
inc VAT
per person



Course Dates

13th - 15th January
9th - 11th March
20th - 22nd July

5th - 7th October
16th - 18th November

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

All in-person courses include lunch, refreshments and a USB course pack

1 DAY
COURSE
£165
Per Person Including VAT
£85
Per Device for Virtual Course Including VAT

Course Dates

24th February
13th April*
1st June
27th July*

19th October
30th November*
*Virtual Courses



The NSBRC Guide to **Managing your Energy Efficient Home**

Build your knowledge, reduce your bills!



1 DAY COURSE
£165
Per Person Including VAT
£85
Per Device for Virtual Course Including VAT

Theory Topics:

- » Heat & Energy Basics
- » Hands on Experience
- » Traditional & Renewable options
- » Plumbing Systems & Dealing with Trades
- » Innovation & The Future



Course Dates

N.B. Under development – new dates announced soon – please register your interest by emailing courses@nsbrc.co.uk

All in-person courses include lunch, refreshments and a USB course pack

The NSBRC Guide to **Finding Land & Appraising a Plot**

Land yourself the perfect plot!



1 DAY COURSE
£165
Per Person Including VAT
£85
Per Device for Virtual Course Including VAT

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

2nd February
25th April & 2nd May*
22nd June
29th August & 5th September*
25th October
*Virtual Courses

Places are limited
To book call us on:
0345 223 4455

Theatre Timetables

FRIDAY 26th JANUARY

SUSTAINABILITY THEATRE

Time	Topic	Presenter	Synopsis
11:00–11:25	Solar	Bee Solar	Your roof is not the only place for Solar PV - Hear about how you can lower your energy bills by installing a Heliomotion ground mounted solar tracking system in your garden. This innovative Finnish designed, UK manufactured by Bee Solar Tech, premium quality steel and aluminium system is available in 3 sizes and can generate up to around 3,500 kWh of power per year.
11:30–11:55	Quantity Surveying	Quantiv	How To Estimate And Control Build Costs - Presented by one of the UK's leading construction cost experts, this seminar will help you understand how much it will cost to build or renovate your own home. 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.
12:00–12:25	Heat Pumps & Underfloor Heating	Nu-Heat	Underfloor Heating & Heat Pumps: Efficient, low temperature heating for your home - Join Nu-Heat to find out more about the benefits, considerations and options available to you when choosing a heat pump and underfloor heating for your home.
12:30–12:55	Insulated Concrete Formwork (ICF)	Nudura	An Introduction To The Benefits Of Building With Tremco CPG UK, leading with Nudura Solid Insulated Wall System - An overview of the benefits of building with Nudura and its family of brands within Tremco CPG UK Ltd. Building with Nudura, discussing external finishes with Dryvit render, Window Installation with illbruck.
13:00–13:25	Materials	Bradfords	Controlling Materials Cost on a Project - Recent years have seen huge disruption and volatility in the building materials supply chain. Bradfords will help you understand where the pain points can be for keeping materials costs under control and how to best mitigate them.
13:30–13:55	Choosing the Right Builder	FMB	How to choose the right building contractor - Hear from a member of the Federation of Master Builders (FMB) about how to find the right builder for your project, tips and what to look for in a contractor and where you can search for an inspected builder near you.
14:00–14:25	Cladding	Pura	Increase thermal performance on your renovated home with Pura® NFC - Transform your home exterior with Pura® NFC the complete cladding solution. Not only does this exterior façade deliver on aesthetics that will last for decades but it can contribute to increasing thermal performance of your home, a topic that is becoming more important for homeowners. Please attend our presentation and visit Stand 96 to learn more.
14:30–14:55	Air Tightness	Partel	Air and Wind Tight Design in Low Energy Buildings - Partel are experts in designing airtight and windtight systems in any building type. In this presentation you will learn about the need for airtightness, condensation risk analysis, and how to achieve an excellent airtight result.
15:00–15:25	Masonry	MPA Masonry	Fabric First - A fabric first approach to modern Part L regulations and ways to meet the Future Homes Standard.
15:30–15:55	Mechanical Ventilation Heat Recovery (MVHR)	Green Building Store	MVHR - Why Good Design Matters - Looking at the importance of good design when considering an MVHR system.

BUILD IT THEATRE

Time	Topic	Presenter	Synopsis
10:30–11.00	Timber Frame	Fleming Homes	Timber Frame Design and Build - An overview of the benefits of timber frame as a build system and working with an offsite timber frame package provider to realise your project.
11:00–11.45	Stage 1 Finance & Funding	BuildStore	Funding Your Project: This session is dedicated to methods of raising finance and the importance of setting a budget and controlling costs throughout the project.
11:45–12.30	Stage 2 Finding Land & Appraising a Plot	Mark Stevenson, NSBRC Course Presenter	Finding a building plot is never easy, but there are ways and means to find that elusive dream plot.
12:30–13.15	Stage 3 Planning Permission	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.
13:30–14.15	Stage 4 Design Principles	Archi-Scape	A comprehensive overview of the architectural design process including: Why employ a designer? Who could be appointed? What you should expect from a designer? How to get the most out of the design process?
14:15–15.00	Stage 5 Building Control	Local Authority Building Control	We'll explain about building control procedures and the importance of building regulations.
15:00–15.30	Stage 6 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.

YOUR APPOINTMENTS

SATURDAY 27th JANUARY

SUSTAINABILITY THEATRE

Time	Topic	Presenter	Synopsis
10:30–10:55	Doors	Ultraline	Find out about Ultraline's triple glazed door system - Minimal sightlines and outstanding thermal performance with the new Ultraline triple glazed door system.
11:00–11:25	Solar	Eco Energy Environment	How to maximise your solar investment - Eco Energy Environment will explore investing in solar with an introduction to the primary design requirements, specifications & key ancillary technologies (battery storage & electric vehicle chargers) to maximise the solar contribution for new builds.
11:30–11:55	Timber Frame	Frame Tech Case Study	Heatless homes with timber frame - Timber frame is the only renewable building material and offers a complete build solution. It is sustainable and fully compatible with Passive House principles. Plus, with an energy-efficient timber frame home, you're building in value for the lifetime of the build, and can keep your energy bills low. Learn all about using this build system with award-winning Frame Technologies this January.
12:00–12:25	Ventilation/ Heat Pumps	Total Home Environment	Heat Pump Ventilation: fresh air, heat recovery, instant heating, cooling & hot water, all in one! - If you're making your home well-insulated and airtight, do you need a formal heating system, or could the HPV Series be the energy efficient solution for you?
12:30–12:55	Insulated Concrete Formwork (ICF)	Beco Wallform	Building Performance for Tomorrow's Living Standards - For practical, low energy construction, the Wallform ICF system is designed to meet the highest building standards. This presentation, coupled with a brief demonstration, illustrates the robust nature of the materials, the infinite variety of design options, and the longer term comforts of living in a Wallform ICF home.
13:00–13:25	Rainwater Harvesting	Rainwater Harvesting	Discover the many advantages of installing a Rainwater Harvesting system - Why flush toilets and water plants with drinking quality water?
13:30–13:55	Project Management	Four Walls	Be Four Steps Ahead with project management at your fingertips! - How to avoid common construction pitfalls and the options available to get the best from your project management process.
14:00–14:25	Skirting Heating	Discrete Heat	Efficient and Effective Heating Solutions for Your New Home: A Look at Skirting Board Heating - In this presentation, we'll take a close look at a newer, innovative option: skirting board heating. We'll explain how it works and compare its efficiency and effectiveness to traditional heating systems such as radiators and underfloor heating. By the end of the presentation, you'll have a better understanding of the benefits of skirting board heating and how it could be the perfect solution for your new home.
14:30–14:55	Kitchen Design	Watermark	The Art of Kitchen Design - Everything you need to remember when planning your new kitchen space, in particular things you may not have thought about.
15:00–15:25	Sustainable Timber	Honka	Sustainable Custom Built Homes - How building with wood is meeting the challenges of net zero in construction.
15:30–15:55	Mechanical Ventilation Heat Recovery (MVHR)	ADM	A guide to incorporating a Mechanical Ventilation System with Heat Recovery into your project - An introduction from a long established independent MVHR specialist into how you may implement an energy efficient ventilation system into your self-build or renovation project, confirm its validity whilst highlighting the common barriers faced when designing MVHR systems.

BUILD IT THEATRE

Time	Topic	Presenter	Synopsis	
10:30–11:00	Timber Frame	Scotframe	Timber Frame - The Sustainable Build Solution - Jonathan Jones from Scotframe discusses the sustainability benefits of using a timber frame building system and specifically about the sustainability of Scotframe's solution.	
11:00–11:45	Stage 1	Finance & Funding	BuildStore	Funding Your Project: This session is dedicated to methods of raising finance and the importance of setting a budget and controlling costs throughout the project.
11:45–12:30	Stage 2	Finding Land & Appraising a Plot	Mark Stevenson, NSBRC Course Presenter	Finding a building plot is never easy, but there are ways and means to find that elusive dream plot.
12:30–13:15	Stage 3	Planning Permission	Green Planning Studio	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.
13:30–14:15	Stage 4	Design Principles	AC Architects	This session will look at how you can achieve the best design for your dream home, whether it's finding a plan to suit your family's changing needs or how you can maximise your plots potential!
14:15–15:00	Stage 5	Building Control	Local Authority Building Control	We'll explain about building control procedures and the importance of building regulations.
15:00–15:30	Stage 6	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.

YOUR APPOINTMENTS

SUNDAY 28th JANUARY

SUSTAINABILITY THEATRE

Time	Topic	Presenter	Synopsis
11:00–11:25	Solar	Bee Solar	Your roof is not the only place for Solar PV - Hear about how you can lower your energy bills by installing a Heliomotion ground mounted solar tracking system in your garden. This innovative Finnish designed, UK manufactured by Bee Solar Tech, premium quality steel and aluminium system is available in 3 sizes and can generate up to around 3,500 kWh of power per year.
11:30–11:55	Home Automation	Theban	Sustainable Smart Living - Theban will uncover the energy-efficient features of smart home systems that not only contribute to a more sustainable future but also save you money. Discover how LUXORliving seamlessly blends comfort, user-friendly controls, and energy-saving benefits, to make your dream home an eco-friendly haven without compromising comfort.
12:00–12:25	Heat Pumps	Kensa	Ground Source Heat Pumps: Everything you need to know - Ground source heat pumps are efficient, quiet, low-maintenance, and a great choice for a greener and more cost-effective heating and cooling system for your home. Join Kensa as we explain the technology and the journey to getting it in your home. Ground source heat pumps are efficient, quiet, low-maintenance, and a great choice for a greener and more cost-effective heating and cooling system for your home. Join Kensa as we explain the technology and the journey to getting it in your home.
12:30–12:55	Exterior Shading Solutions	Solar-Shield	Be Prepared for Shading - How to incorporate shade into your new build design.
13:00–13:25	Ground Source Heat Pumps/ Sewage	HD Services	Open-loop Ground Source Heat Pumps - Abstracting water from the chalk aquifer for use as a heat source.
13:30–13:55	Foundations	Helical Systems	The GroundScrew Screw Pile Foundations for New Build and Underpinning - Delving into how Groundscrew Screw Pile Foundations are more beneficial, eco-friendly and cost effective for your home with Helical Systems.
14:00–14:25	Passive House	Palmer + Partners Architects	What is the Passive House lifestyle? - Palmer + Partners Architects discusses the key benefits to living in a Passive House and an insight into any potential limitations when creating a Passive House.

BUILD IT THEATRE

Time	Topic	Presenter	Synopsis
10:30–11:00	Timber Frame	Potton	Timber Frame & SIPs - Let's talk energy efficient timber frame/SIPs.
11:00–11:45	Stage 1 Finance & Funding	BuildStore	Funding Your Project: This session is dedicated to methods of raising finance and the importance of setting a budget and controlling costs throughout the project.
11:45–12:30	Stage 2 Finding Land & Appraising a Plot	Mark Stevenson, NSBRC Course Presenter	Finding a building plot is never easy, but there are ways and means to find that elusive dream plot.
12:30–13:15	Stage 3 Planning Permission	Mark Doodles	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.
13:30–14:15	Stage 4 Design Principles	Eco Design Consultants	This presentation will look at the fundamental design principles needed to create a beautiful, fit-for-purpose home, and will also cover low-energy design principles.
14:15–15:00	Stage 5 Building Control	Local Authority Building Control	We'll explain about building control procedures and the importance of building regulations.
15:00–15:30	Stage 6 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.

POTTON HOUSE - EACH DAY

Time	Topic	Presenter	Synopsis
11:30–12:00	Let's Talk Energy Efficiency	Potton	Designing and specifying your low energy timber frame/SIP home
13:30–14:00	Plot Hunting - Live	Potton	A demonstration, not a presentation, of how to find and research your self build plot

EXHIBITOR STAND DEMOS - EACH DAY

Time	Presenter	Synopsis
11:00 & 14:30	AC Architects - Stand 63	Virtual Reality - 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!

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

YOUR APPOINTMENTS

The NSBRC Guide to Renovation Projects



Renovate the past...build your future!

The day covers many key subjects including:

- » Building Systems & Fabrics
- » Building Regulations & Legislation
- » Cracking, Subsidence & Structural Repairs
- » Plumbing & Services
- » Kitchens & Bathrooms

1 DAY COURSE
£165
Per Person Including VAT
£85
Per Device for Virtual Course Including VAT



Course Dates

6 th April	7 th September
6 th July	30 th November

All in-person courses include lunch, refreshments and a USB course pack

The NSBRC Guide to Getting your Project Started



Manage your budget, manage your build!

Course Contents:

- » Appointing your professional team
- » Understanding your planning permission
- » Project management - the basics
- » Dealing with legal issues
- » Completing the design
- » Managing money
- » Managing time
- » Managing procurement
- » Preparing to start on site

1 DAY COURSE
£165
Per Person Including VAT
£85
Per Device for Virtual Course Including VAT

Course Dates

3 rd February	11 th & 18 th September*
13 th & 20 th March*	26 th October
21 st June	*Virtual Courses



THE FESTIVAL OF SUSTAINABLE HOMES

FRIDAY 17TH & SATURDAY 18TH MAY
LYDIARD FIELDS, SWINDON, SN5 8UB (M4, J16)

**BRAND-NEW EVENT FOR 2024 • EXCITING,
FAMILY-FRIENDLY SHOW • HOMES
& COMMUNITIES • RETROFIT - NEW
BUILD - RENOVATION • LATEST ENERGY
EFFICIENCY ADVICE • SPECIAL GUEST
PRESENTERS IN OUR NEWLY EXTENDED
'SUSTAINABILITY THEATRE' • OVER
200 EXHIBITORS SHOWCASING THE
LATEST PRODUCTS, TECHNOLOGIES
AND SERVICES • DISCOVER OUR
'NATURE ZONE' • COFFEE HOUSE AND
SUSTAINABLE FOOD OPTIONS • FREE
FAIR-TRADE COTTON TOTE BAG FOR
EVERY VISITOR • FREE TICKETS
FREE PARKING**



Official Sponsor



National Self Build & Renovation Centre

More info & Free tickets at nsbrc.co.uk



Project Management At Your Fingertips.



Managing your own self-build? Need to stay organised and avoid common self-build pitfalls? No budget to hire a project manager? **We can help with that.**

Four Steps Ahead is a revolutionary new project management software designed specifically for self-builders. It condenses the knowledge, experience, and processes developed by Four Walls Group over two decades into a handy tool you can take with you anywhere.

To find out how Four Steps Ahead can help your self build, scan the QR code.



FRAME TECHNOLOGIES

SELF-BUILD TIMBER FRAME

Specialising in beautiful bespoke homes, Frame Technologies is at the forefront of innovation in self-build timber frame construction. Through a wealth of experience gained over two decades in the industry, we can help you through every stage of your design and construction journey - turning your vision into premium quality, energy efficient home.

“ Frame Technologies offered flexible options for thickness of frame and level of insulation to achieve the kind of low U values we wanted. Simon would pull out every stop to deliver on time and paid incredible attention to detail. Crucially, we got a house that we love, that does exactly what we wanted it to. ”

Chris and Jenny Shepperd, Gryphon House

Contact a member of the team today!

T 01544 267124

E enquiries@frametechnologies.co.uk

www.frametechnologies.co.uk



YOUR SELF-BUILD IN SAFE HANDS