



Showcasing binfo inside local homes that are warm, green and cheap to run

from heritage & listed to modern & new build



www.bathgreenhomes.co.uk

Phone 01225 477528 or email admin@bathgreenhomes.co.uk





This autumn, find out how to make your home warmer, greener and cheaper to run.

Transition Bath, Bath Preservation Trust and Bath & North East Somerset Council have joined forces with other local community groups, organisations and businesses to bring you a packed programme of events taking place from September to the end of November 2014.

The Open Homes weekend on 27th & 28th September will showcase energy efficient

homes across Bath featuring a wide variety of homes, from heritage to new build, and demonstrating an array of measures, from the low cost to the high-tech. Meet the people who have been on the retrofit journey, hear from them about the costs and benefits, and see the results first-hand.

There is also a lively mix of workshops, talks and happenings all around the theme of energy saving, including the Bath Home Improvement Fair on Sunday 14th September - a vibrant market place of stalls where visitors can find everything they need to make their home improvement dreams a reality. We hope you'll be inspired!



Transition Bath is a registered charity working for a more sustainable future by moving towards a low carbon, local economy. Harnessing the power of community in the face of declining natural resources and increasing fuel and food costs, our passionate volunteers showcase innovative projects through talks, workshops and skill-sharing events.



The Bath Preservation Trust is a charity with over 1400 members. Through conservation, education and networks we help provide the means to ensure the future success of our beautiful heritage city. For energy efficiency guidance for historic homes, including the Warmer Bath Guide, and details about our projects, or to visit our museums go to www.bath-preservation-trust.org.uk

Bath & North East Somerset Council

The Council is leading the way to an environmentally sustainable future. We are committed to help reduce our communities' carbon emissions, tackle fuel poverty, and improve health & well-being, whilst strengthening the local economy by helping our residents make their homes more energy efficient through our new B&NES Energy@Home Scheme. www.bathnes.gov.uk

With thanks to our sponsors:



www.transitionbath.org

Curo

Curo is an award-winning not-for-profit housing and support organisation 01225 366000 www.curo-group.co.uk



Crest Nicholson

Building better homes for 50 years www.crestnicholson.com

ready for retrofit warmer greener homes

























Bath Green Homes has teamed up with some great organisations and community groups to deliver a stimulating programme of events through September to the end of November. More events can be found on the website www.bathgreenhomes.co.uk

Events may be subject to change or cancellation so please check with the organisers. The organisers of Bath Green Homes do not accept any responsibility for events run by other organisations or aroups

Bath Home Improvement Fair

Sun 14th September 12pm - 4pm The Guildhall, High St, Bath, BA1 5AW

A vibrant market place of stalls where visitors can find everything they need to renovate and decorate their home.

Bath Green Homes 01225 477528 www.bathgreenhomes.co.uk/bhif

Ask The Expert

Sun 14th September 12pm - 4pm The Guildhall, High St. Bath, BA1 5AW

Book a free 30 minute slot with an architect or listed buildings officer to discuss your plans, dreams, or current project.

Book your slot on: www.asktheexpertbhif.eventbrite.com

What Can Heritage **Buildings Teach Us About Modern Energy** Efficiency?

Thurs 18th September 9.30am - 12.30pm Countess of Huntingdon's Chapel. The Vineyards, BA1 5NA

An exploration of the attributes of heritage buildings, and how they, and their occupants respond to the challenges of changing lifestyles. The session will cover measures to improve the energy efficiency of traditional and heritage homes.

Bath Preservation Trust www.heritageenergyefficiency.eventbrite.com Suggested £5 donation



Tues 7th October 7.30pm The Dolphin Inn. 103 Locksbrook Rd. Bath.

Self build expert David Hilton will be explaining how self building offers the best opportunities for increasing your energy efficiency, and giving guidance about what is worth doing and what is

Build A Dream, the Self-Build Association www.badsba.co.uk



Bathford Thermal Imaging Exhibition

Homes Weekend

Sat 27th & Sun 28th September

Showcasing energy efficient homes

across Bath. See map overleaf for

Open

12pm - 5pm

Locations across Bath

Bath Green Homes

www.bathgreenhomes.co.uk

Sat 27th & Sun 28th September Sat 9am - 2pm, Sun 9am - 12.30pm Bathford Community Cafe, 54 Bathford Hill, Bathford, BA1 7SN

A thermal image of your home can help identify the areas of the building fabric that are losing the most heat. The exhibition contains a variety local housing types that have been thermally imaged. Find out how a home similar to yours is loosing heat.

Bathford Energy Group

Bill Busters!

Tues 7th October 1pm - 3pm Curo Office, Fox Hill, Combe Down, BA2 5QN

Beat the big energy companies at their own game; find out how to get the best deal on your energy bill, discover ways to use less energy at home, and learn how to tackle damp, mould & condensation problems.

B&NES Energy@Home www.bathgreenhomes.co.uk



Bath & West Community Energy Public Share Offer

Weds 8th October 7.30pm - 9pm BRLSI, 16-18 Queen Square, BA1 2HN

BWCE directors will give details, take questions and outline how you can invest in and benefit from the Marksbury Community Solar Array.

Bath & West Community Energy www.bwce.coop



Give & Take Day Paulton

Sat 11th October 10am - 1pm Paulton Scout & Guide Community Hall, Plumptree Close, Paulton BS39 5XR

One man's trash is another man's treasure! Bring your unwanted household items (not broken/electrical) and/or pick up something new: tovs. furniture, bicycles, books, clothes, DVD's & CD's, tools, and much more... All for free!

B&NES Council www.bathnes.gov.uk



Bill Busters!

Mon 13th October 2pm - 4pm Dover House, Snow Hill, BA1 6DE

Beat the big energy companies at their own game; find out how to get the best deal on your energy bill, discover ways to use less energy at home, and learn how to tackle damp, mould & condensation problems.

B&NES Energy@Home www.bathgreenhomes.co.uk

Focus on Solid Wall Insulation

Weds 15th October 7pm - 9pm BRLSI, 16-18 Queen Square, BA1 2HN

Lucy Pedler from The Green Register will be exploring the different types of solid wall insulation, including the variety of materials available and their suitability for different applications both for internal and external wall insulation. Find out what permissions are needed and what grants, finance and support are available to those wanting to install it on their own home. Q&A panel at the end.

Bath Green Homes 01225 477528

www.solidwallinsulationfocus.eventbrite.com

Bill Busters!

Mon 20th October 10am - 12pm Blagdon Park Community Centre, Blagdon Park, Twerton, BA2 1PQ

Beat the big energy companies at their own game; find out how to get the best deal on your energy bill, discover ways to use less energy at home, and learn how to tackle damp, mould & condensation problems.

B&NES Energy@Home www.bathgreenhomes.co.uk



Bill Busters!

10.30am - 12.30pm

Saltford BS31 3BZ

Weds 29th October

condensation problems.

B&NES Energy@Home

Bath, BA1 3EN

www.bathgreenhomes.co.uk

Wick House Close Community Centre,

own game; find out how to get the

Beat the big energy companies at their

best deal on your energy bill, discover

ways to use less energy at home, and

learn how to tackle damp, mould &

Funding Your Self Build

Tues 4th November 7.30pm

The Dolphin Inn. 103 Locksbrook Rd.

Jon Lee of the Ecology Building

choices along the way.

Self-Build Association

LED Lighting &

Introduction To

Workshop

Thermal Imaging

Weds 12th November 7pm - 9pm

Countess of Huntingdon's Chapel.

Learn how to stop draughts, and

lighting options for your home. You

will learn about basic techniques and

check out the latest low energy

The Vineyards, Bath BA1 5NA

Build A Dream, the

www.badsba.co.uk

Society will be explaining different

ways in which a self build project may

be funded, and how to make informed

Building Sustainable Homes

Weds 22nd October 7pm - 9pm Ralph Allen CornerStone, 56 Combe Road, Bath, BA2 5HZ

Architect John Hewitt talks about the design and construction of Ralph Allen Yard - a development including Bath's first homes built to level 5 of the Code for Sustainable Homes, and Ralph Allen CornerStone; an education, heritage and community centre.

Bath Green Homes www.buildingsusthomes.eventbrite.com



Eco-refurbishment & The Green Deal (or No Deal...?)

Weds 19th November 9.30am - 4.30pm BRLSI, 16-18 Queen Square, BA1 2HN

Aimed at professionals and home owners, this whole day seminar covers the process of eco-refurbishment using case studies of homes from the Georgian period through to 20th century houses with a particular focus on what measures are appropriate for traditional and historic homes.

£99 members/£135 non-members 10% discount with Bath Green Homes

The Green Register 0117 377 3490 mail@greenregister.org.uk www.areenreaister.ora.uk

Improving The **Energy Efficiency** Of Your Home

Thurs 20th November 7pm - 9pm BRLSI, 16-18 Queen Square, BA1 2HN

Find out about measures that can improve your homes energy efficiency and what support, grants and finance are available to help you.

B&NES Energy@Home 01225 477528

www.energyefficienthome.eventbrite.com

Introduction To Renewable Energy **Technologies**

10am - 11.30am City of Bath College

This Toolbox Talk will introduce a range of renewable energy technologies, and explore the incentives and finance available including the Feed-In Tariff, the Renewable Heat Incentive, and the Green Deal. Includes a Q&A session. Please book by 21st November.

Green Skills Academy renewables@citvbathcoll.ac.uk







Sat 29th November

B&NES Energy@Home

To help you make your home warmer, greener, and more efficient, B&NES Council is working with local partners, to set up the B&NES Energy@Home Scheme to guide you through the process.

Get free, impartial advice on the options for your home. If appropriate you will be booked in for a home energy assessment. This will provide you with a report to

show you which measures are suitable for your home, and which grants, cashback offers and other payment options you may be eligible for. If you decide to proceed, you will be supported to find the right installer, access any grants or finance, and once the work is finished we will check back to make sure you are happy with the job. Visit **www.bathnes.gov.uk/energyathome** for details.



Planning Guidance

B&NES Council has produced a range of information including:

- A user-friendly 'how to' guide to Sustainable Construction & Retrofitting to help you green any build project
- Listed building guidance on energy efficiency and renewables
- Local case studies, diagrams, photographs and tips to help with applications
- Retrofitting Permitted Development Checklist' – find out what you can do without planning permission

www.bathnes.gov.uk/greenbuild

New grant exclusively for B&NES residents!

For a limited time a generous top-up grant of up to £7000 is available to make internal and external solid wall insulation more affordable. Solid wall insulation can greatly improve the thermal comfort of your home, reduce condensation and mould problems and bring down the cost of your heating bills.

The top-up grant can be used when combined with a Green Deal Loan. This is a Government loan scheme for energy efficient measures which is paid back through the savings you make on your energy bills. The Green Deal Loan often won't cover the full cost of solid wall insulation, so the top-up grant can be used to pay all or some of the difference. If you don't want to take out a Green Deal Loan, you can pay the equivalent amount yourself and still access the top-up grant.

You will need to have an energy assessment of your home carried out, and for a limited time you can get up to £150 to pay for it, which in most cases should cover the full amount. Freephone the Home Energy Advice Line on **0800 082 2234** for details.

Bath Home Improvement Fair

Sunday 14th September 12pm-4pm

Making your home improvement dreams a reality:

- Discover a vibrant market place of stalls with everything you need to renovate your home
- Grants & support to green your home
- Book a consultation with an architect or listed buildings officer
- Talks & demonstrations
- Enjoy a free tea or coffee in our pop-up café

www.bathgreenhomes.co.uk/bhif



Find out where your home is leaking heat with a **thermal imaging survey**, and for those wanting to go a step further, you can get trained to use the camera yourself and volunteer with this Transition Bath project. Or thinking of upgrading your old inefficient halogen lights? Try before you buy with a loan of Transition Bath's sample kit of the latest **LED bulbs** to experiment with the different

styles in your own home. Visit the Hub (Property 9) during the Open Homes Weekend or find out more at www.transitionbath.org/energysignup



Cloud's Hill Bungalow, 40 **Claremont Rd** BA1 6LX 🕒

- Solar PV
 Solar hot water
 Sun-pipes Smokeless wood-burning stove
- Home-made thermal curtains for room enclosure • Sheep's wool loft insulation
- Cavity wall insulation Low energy appliances (dish-washer & washing machine running off solar hot water)
- · New composting toilet

1980s bungalow: With a focus on resilience and low impact living, this eco-home primarily uses wood and solar power, with gas heating as back-up only. It includes recycled and reclaimed materials, and some low cost and DIY features, while a recently added composting toilet further reduces water and energy use

Age: 1988 Area: Larkhall Visiting: Drop-in from 12pm, last entry 5pm Parking: On-street





16 Elm Place **Bloomfield Rd BA2 2AB**

· Solar hot water roof tiles on SW facing roof • Solar PV on adjacent garage roof Insulated mansard roof
 Refurbished sash windows and shutters

Grade II listed Regency terrace: Refurbishment has focused on using the strengths of the original design. Subtle improvements such as refitting sash windows, repairing shutters and fitting secondary main doors, have cut energy consumption while preserving this Regency townhouse's original features.

Age: 1823 Area: Bear Flat Visiting: Drop-in from 12pm, last entry 5pm Parking: On-street

Twerton

Image © Will Anderson



57 St John's Road BA2 6PZ

• Micro-CHP boiler • Solar PV • Internal wall insulation on one wall . Cavity wall insulation • Loft insulation • Low energy lighting • Wood-burning stove

1960s semi-detached bungalow: Featuring a mix of insulation, renewable energy and a varied array of LED lighting, this riverside bungalow focuses on measures which make financial sense and where the payback is quick. The exception to this is the Micro-CHP boiler which has had a mixed reaction from the home openers.

Age: 1969 Area: Bathwick Visiting: Sunday only, Drop-in from 12pm, last entry 5pm

Parking: Limited on-street

Key

Booking

14

17

Oldfield

Please phone 01225 477528 or book at www.bathgreenhomes co.uk

Disabled access Easy access to the ground floor, with

At Openers' discretion. Nearest bus stop

interesting features to

Access to the rest of the house may be

Refreshments

available

see on that level

restricted

Please note that car parking is restricted at some of the properties. We encourage everyone to travel by public transport, bicycle or on foot. Travel information can be found at www.transportdirect.info or phone 0871 200 2233



16 Pulteney **Gardens BA2 4HG**

(b) **(b**) Solid wall insulation
 Under-floor insulation & heating • Loft insulation

• Triple glazing • Solar hot water Low energy lighting & appliances

Victorian terrace: Officially designated a 'super-home' for its energy efficiency, this mid-terrace house has reduced its carbon emissions by a massive 68% due to a focus on insulation and thermal mass, and by making use of passive solar gain from its south facing

Age: 1900 Area: Widcombe Visiting: Drop-in from 12pm - 5pm, with 30 minute presentations on the hour, last one 4pm, please arrive 10 mins early Parking: Limited on-street

Larkhall

Bathwick

9

Fairfield

Bath City

Centre

Bear

Flat



5 Tyning **Terrace BA1 6ES**

. Draught proofing of all doors & windows • Refurbished double glazed sash-windows • Room enclosure via bi-fold doors to contain heat • Efficient boiler

Victorian terrace: Simple, relatively low cost and DIY approaches have halved gas unit use and significantly reduced bills in this mid-terrace, now a warm and comfortable home.

Age: 1890 Area: Fairfield Park Visiting: Drop-in from 12pm, last entry 5pm Parking: On-street

Batheaston

Building of

The Paragon

BA1 5NA (**b**)

Bath Green Homes Hub: Pop in to check

out the Bath Green Homes exhibition with

special focus on draught-proofing, energy

efficient (LED) lighting and thermal imaging.

Listed building consultations available and

Visiting: Drop-in 12pm - 5pm. Free entry

advice on eco-refurbishment from Transition

Bath Collection



10 Brookleaze **Buildings**

BA1 6RA

 Smokeless wood-burning stove with eco-fan • Sheep's wool loft insulation Draught proofing of sash windows &

doors . Condensing gas boiler . Low energy appliances • Secondary glazing Thermally lined curtains & floor coverings • LED and low energy lighting

Grade II listed Georgian terrace: A focus on insulation and draught proofing, combined with low cost DIY measures and a green approach to energy consumption, has dramatically improved comfort and reduced bills in this Georgian artisan's cottage

Age: 1824 Area: Larkhall Visiting: Drop-in from 12pm, last entry 5pm Parking: Limited on-street, free car park opposite



13 Ashley Road **BA17TT (b) (b)**

• Extensive draught proofing • Double glazing to sash windows & new-build extension • Under-floor insulation • Loft insulation • Wood burning stove • Green

Victorian terrace & new-build extension: DIY draught proofing, insulation and low-cost polycarbonate with magnetic strip double glazing as an alternative to replacing sash windows, have made this once draughty mid-terrace into a warm and welcoming home while preserving its original

Age: 1895 Area: Bathford Visiting: Drop-in from 12pm, last entry 5pm Parking: On-street

Bathford

23 Freeview

Road

Self-installed internal wall insulation

Late 1940s steel frame British Iron & Steel

as part of a whole house renovation. All the

techniques are applicable to other solid wall

further improvements and the once

and appealing home.

Parking: On-street

Age: 1948/9 Area: Twerton

houses, not just BISF. Thermal imaging led to

Visiting: Drop-in from 12pm, last entry 5pm

poorly-performing post-war prefab is now a warm

Federation (BISF) construction semi-detached:

The owner has internally insulated several rooms

Loft insulation • Draught proofing

• LED & low energy lighting

BA2 1DS



Edenhall, 20 **Gloucester Road BA17BJ**

()

 Solid wall insulation
 Air tightness & natural ventilation • Passive solar design Solar PV
 Solar water heating
 Green oak frame extension • Efficient boiler & underfloor heating • 3 wood stoves Rainwater harvesting
 Natural cold

food storage • Hemp & lime demo Retrofit of 19th century house with eco-conversion of outbuildings & new-build extension: Designed to accommodate three generations in two linked living units, this sensitive eco-renovation was designed to maximise social and environmental sustainability, and showcases a range of eco-features alongside careful re-use of salvaged materials. Hemp and lime demonstration will follow tour -

Age: Circa 1850 Area: Larkhall Visiting: Booking essentia Parking: On-street only

allow extra time if interested



 Wall & roof insulation
 Under-floor insulation • Combined heat & power (CHP) boiler linked to under-floor heating Wood burning stove
 Zoned heating controls • Bath stone from original building carefully salvaged and reused

Self-build on brownfield site (2011): Designed to maximise natural light from its south facing aspect, this canal-side family home uses a combination of low tech measures and complex construction to achieve comfort while minimising its carbon footprint.

Lime render & eco-paints

Age: 2011 Area: Widcombe Visiting: Saturday only. Booking essential Parking: Limited on-street. Access on foot from



11

Widcombe

Area: Central - no parking

Road **BA2 4PP**

9 Calton

 External wall insulation
 Solar water heating • Loft insulation • Double glazing • Low energy lighting • Wood stove

Victorian detached: External wall insulation, recently installed on the rear and side, has already made a big difference to comfort in this solid stone house, with inside wall surfaces both warmer and dryer. External tours only information display indoors & outdoor shelter.

Age: 1887 Area: Widcombe Visiting: Sunday only. Drop-in from 12pm, last entry 5pm

Parking: Very limited - along Calton Gardens only. Access to house is via Alexandra Rd - follow signs for Bath Green Homes



2B Combe Road **BA2 5HX**

stoves, burning home-grown logs

 Passive solar design
 Mechanical system • Clever use of recycled & waste

2013 rebuild of 1990s new-build: While the original 1990s build featured on TV's Homes From Hell, the re-build is now a delightful warm and well ventilated eco-home, designed to allow multigenerational living. The four acre garden with its green oak summerhouse is also a wildlife haven - an inspirational example of what can be

Age: 2013 Area: Combe Down Parking: Driveway parking available for booked



10

Bath Riverside 75-76 Palladian Victoria Bridge Road, BA2 3FL

((<u></u> (<u></u> (<u></u>)

 Wall, roof and floor insulation Biomass district heating
 Mechanical ventilation with heat recovery (where applicable) • Low energy lighting

New residential development: Designed to Code for Sustainable Homes Level 4, with energy efficiency above current Building Regulations, this major new development also features Bath's only biomass district heating scheme. Visit the Show Home and view exhibition.

Age: 2013 Area: Oldfield Park Visiting: Booking essential

Parking: Limited, available in Homebase car park



2 Morley Terrace **BA2 3BP**

 Low cost and no cost DIY approaches Hot water tank super insulation • DIY internal wall insulation • Cavity and loft

insulation • Double glazing • Low energy lighting 1960s end-terrace first floor flat with electric heating: Simple, low cost and transportable

techniques have been ingeniously employed in this one bedroom rented flat, cutting energy bills to just a few hundred pounds a year. These creative approaches are replicable for anyone on a budget.

Age: 1960s Area: Oldfield Park Visiting: Saturday only, Drop-in from 12pm, last

Parking: Limited, some on nearby Rosebury Road By bike: Can be accessed via Two Tunnels



The Old Station **Station Road** Wellow BA2 8QB 📞 🍙

The Energy

Riverside

BA2 3FL (C)

Biomass District Heating: An opportunity to

receive a guided tour of The Energy Centre of

Bath's first 'biomass powered' district heating

network, supplying heat and hot water to Bath

Visiting: Saturday only. Booking essential

Parking: Available at nearby Homebase

Riverside residential development

Age: 2013 Area: Oldfield Park

Centre, Bath

Midland Road

 Solar PV • Solar water heating • Solar mat for pool • Small wind turbine • Loft & floor insulation • Triple & secondary glazing • Wood-burning stove Composting toilets

1880 detached former station building and extensions in 1960s + 1997: This characterful renovation of the old station at Wellow in its beautiful rural setting features a range of low impact living measures with a focus on renewable energy. Outside in the lovely productive garden there is an off-grid guest cabin with adjacent composting toilets and solar-heated pool.

Visiting: Sunday only. Booking essential Parking: Available in adjacent free car park By bike: Can be accessed via Two Tunnels and Colliers Way routes



(final admission) on Saturday 27th and Sunday 28th September (unless otherwise indicated). Booking: Some home visits must be booked

Englishcombe Lane

To Wellow 18

in advance on www.bathgreenhomes.co.uk or by phoning 01225 477528. Tours start on the hour and may last up to an hour. We suggest leaving a space between booked visits to allow time to travel across the city.

The Open Homes Weekend is free and open to everyone. Please be respectful when visiting and observe the opening

Thank you to all the Home Openers and

time to make this project possible

Stewards who are generously giving their

place at your own risk but please be aware that their views and opinions do

not necessarily reflect those of the organisers Sorry, no dogs (please ask householder for permission

The home openers are free to speak for themselves,

15 Combe Down

16

12

Steps have been taken to make your visit as safe as possible, however please be aware that your visit takes

Ralph Allen CornerStone 56 Combe Rd, BA2 5HZ 🕒 Dedicated Solar PV • Super insulated

high performance building fabric • Triple glazed windows & doors • Rainwater harvesting • Efficient boilers & appliances • LED lighting • Communal bicycle storage & electric car charging Communal recycling • Green roofs **Biodiverse landscaping**

2013 new-build: This inspiring zero carbon development of three and two bedroom houses and two bedroom flat meets the tough and rarely achieved Code for Sustainable Homes Level 5 standards for environmental sustainability and energy performance. Plans and exhibition will be available at the CornerStone museum and community centre, on-site. While viewing of the homes is external-only, residents will be at the CornerStone to talk to visitors.

Age: 2013 Area: Combe Down Visiting: Drop-in from 12pm, last entry 5pm Parking: Limited. NB: Car park for residents only

 Timber frame structure featuring high levels of insulation . Wood-burning

ventilation with heat recovery • Low energy lighting • Rainwater collection materials • Beautiful wildlife garden

achieved on a disused landfill site.

Visiting: Booking essential

visitors only - follow signs

