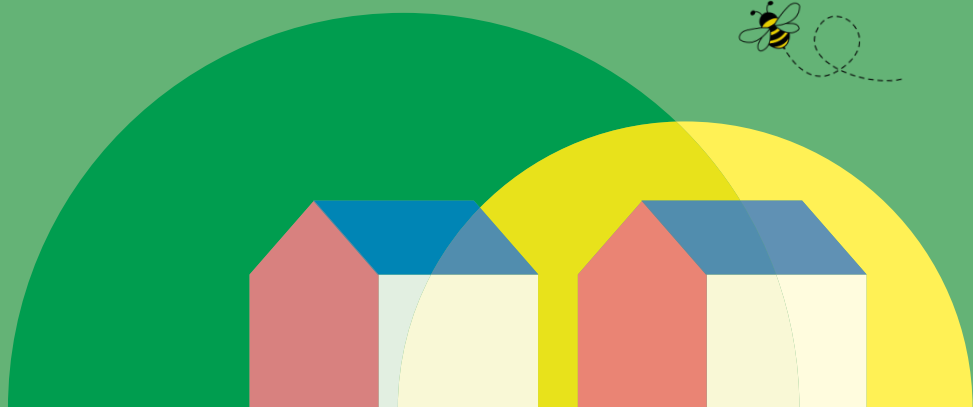




ECO HOME OPEN HOUSES & GARDENS

SEPTEMBER 2025

- | | | |
|---|----------------------|----------------------|
| 📍 | BARCOMBE | SAT 13 th |
| 📍 | LEWES | SAT 20 th |
| 📍 | RODMELL | SAT 27 th |
| 📍 | HASSOCKS & DITCHLING | SAT 27 th |

VISITING THE HOUSES

The event is **FREE** and everyone is welcome.
However remember the householders are generously opening up to the public and please respect their homes.

For guidance here are a few basic rules:

- Opening times vary - please check carefully to avoid disappointment!
- Some houses will be tours only and you will have to book in advance.
- Some houses will ask you to remove shoes.
- There will be private areas of houses - e.g. upstairs, please respect this.
- Children need to be supervised.
- No dogs - please leave them at home.
- We would be really happy if you could try to come via public transport, on foot or bicycle. This is not always possible - we understand. There may be parking instructions where parking is restricted.

You are all welcome!

We hope you really enjoy the event and take away lots of inspiration.

This event is organised by Ovesco - a local company for community interest.

ECO HOME OPEN HOUSES

We are delighted to bring back **Eco Home Open Houses** to the Lewes District again this year! We have teamed up with People's Park for Nature and The Mosaic Project to bring you **Open Nature Gardens** too.

Eco Home Open Houses & Gardens will be taking place over three Saturdays in September:

📍 BARCOMBE	SAT 13 th
📍 LEWES	SAT 20 th
📍 RODMELL	SAT 27 th
📍 HAS SOCKS & DITCHLING	SAT 27 th

Homeowners are throwing open their doors and garden gates to showcase the energy improvements they have made to their homes and the wildlife friendly measures in their gardens.



ECO OPEN GARDENS & TOURS

This September Eco Home Open Houses is growing – with the exciting addition of Eco Open Gardens!

Alongside inspiring low-carbon homes, you'll now discover beautiful, wildlife-friendly gardens filled with ideas to bring nature back into our lives.

We're partnering with **The Lewes Mosaic Project** and **The People's Park for Nature** to celebrate how gardens, green spaces and community action can support well-being, tackle climate change and restore biodiversity.

The **Lewes Mosaic Project** supports local people to create a mosaic of habitats across the town, no matter how big or small their space.

The **People's Park for Nature** is a bold community vision to link up green spaces across the lower Ouse Valley – from rooftops to riversides.

Every patch of land matters. Whether it's a garden, a verge or a balcony we hope you'll be inspired to re-wild your space and join this growing movement for people, place and planet.



TIMETABLE

How it works:

Most houses are open 10am–4pm. Some houses close for lunch. Please check individual houses for details.

The following houses have tours only, that need to be booked on Eventbrite via our website: www.ovesco.co.uk/events
Tours last approximately one hour.



Barcombe 13th September

House 4: Bircham, Weald View tours at 10am and 12 noon

House 5: Old Rectory Cottage tours at 9.30am and 10.45am

House 8: Secret Campsite tour at 2.30pm

Lewes 20th September

House 1: 60 Barons Down Road tours at 11am and 1.30pm

House 2: 5 Manor Terrace tours at 1.30pm and 3pm

House 4: 36 East Way tour at 11.30am

House 6: Hill House tours at 10am and 11.30am

Rodmell 27th September

House 3: The Mound tours at 10am and 2pm

Hassocks & Ditchling 27th September

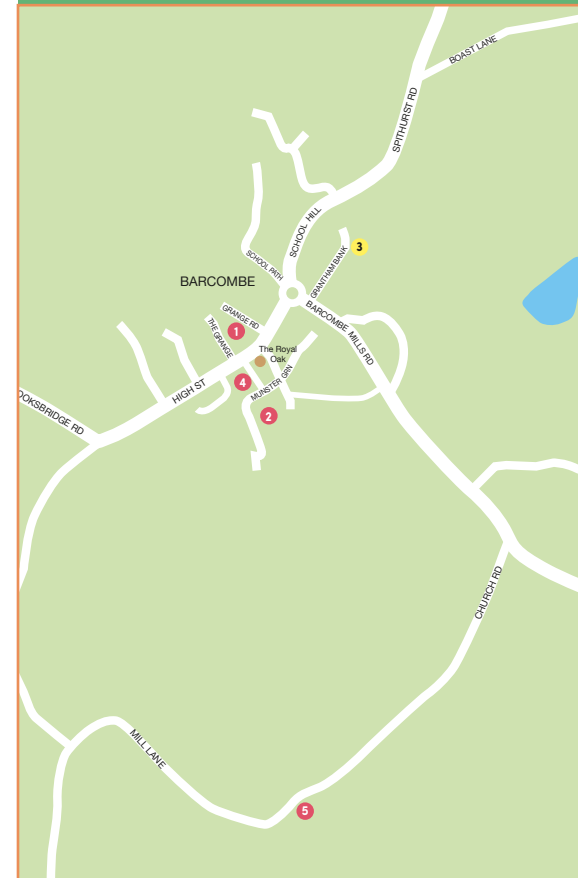
House 2: 8 Hurst Road tours at 10am and 2pm

House 3: Weald House tours at 9.30am and 11am

House 4: 132 Parklands Road tours at 1.30pm and 3pm

House 5: 39–41 High Street tours at 10am and 12pm

BARCOMBE



- 1 The Old Cottage Grange Rd BN8 5AU
- 2 6 Weald View BN8 5AZ
- 3 25 Grantham Bank BN8 5DJ
- 4 Bircham Weald View BN8 5AZ
- 5 Old Rectory Cottage Church Rd BN8 5TW

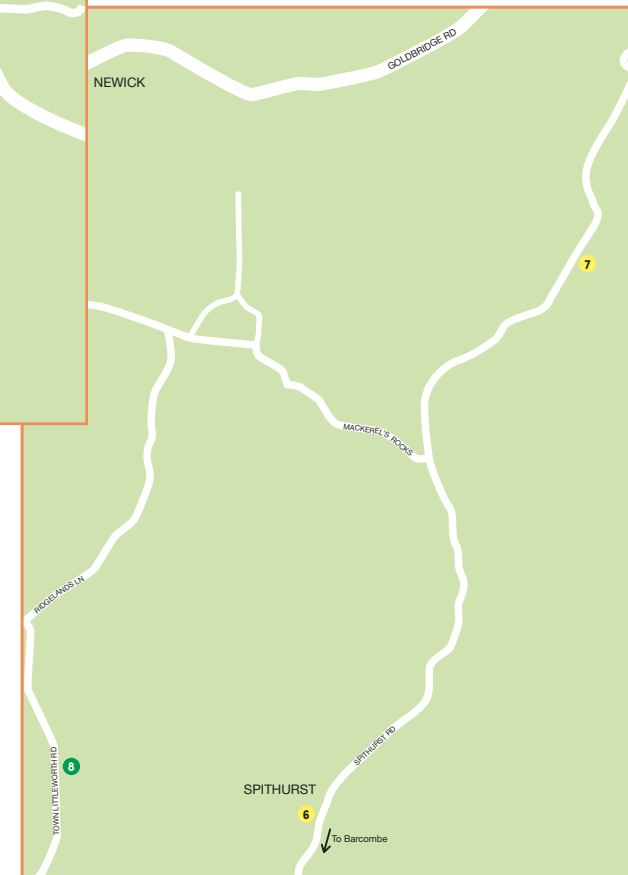
- 6 Spithurst Hub BN8 5EE
- 7 Balquhiddar Sharpsbridge Lane TN22 3XG
- 8 The Secret Campsite
Town Littleworth Road BN8 4TD

Legend:

● House only

● Garden only

● House and garden



1 The Old Cottage BN8 5AU



Features:

Wall insulation • underfloor insulation • double glazing • air source heat pump • wood burner • wild life garden

Type: Detached **Age:** 1776 **Beds:** 4 **Walls:** Brick and timber

OPEN 13th SEPTEMBER

Open from 10am - 4pm

This is a house built in the **1770's** with a **1970s extension** which has been turned into an Eco House using breathable materials, (hemp, woodfibre, lime). The walls, roof and floor have all been insulated and double glazing was added to the old part of the house, with the extension having triple glazing.

Although the house is not listed, it sits in a Conservation Area so

the Conservation Officer would not allow triple glazing in the old part of the house. Heating is via an air source heat pump and the house meets AECB building standards, which is so impressive for such an old house.

2 6 Weald View BN8 5AZ

Features:

A-Rated house • air source heat pump • solar panels • battery storage • passive solar design

Type: Semi-detached **Age:** 1926 **Beds:** 4 **Walls:** Cavity

OPEN 13th SEPTEMBER

Open from 10am - 4pm

Guy and Lou moved from Brighton to Barcombe and started work on their new house in 2022. They wanted to invest in their new house and transition off fossil fuels as they planned to stay in the house for a long time. They decided to install a heat pump, solar panels and a 10kWh battery so that the house was future proofed.

kitchen area so that the space in that part of the house worked for them and suited their lifestyle.

Running costs for the whole house are now in the region of **£60 per month** for their electricity bill, making this a very cost effective and worry free house to run.

At the same time, they invested in updating and reconfiguring the



3 25 Grantham Bank BN8 5DJ

Features:

Solar panels • battery storage • air source heat pump • electric vehicle • wildlife friendly garden • orchard with fruit and vegetable growing

Type: Detached **Age:** 1970s **Beds:** 3 **Walls:** Cavity

OPEN 13th SEPTEMBER

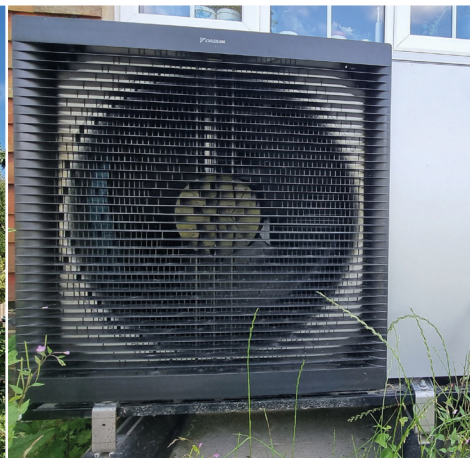
Open from 10am – 4pm

For the past two years **Frankie and Dylan** have been on a mission, re-wilding their garden and cutting energy bills so they can spend more money on plants!

They've swapped their oil tank for an air source heat pump, added solar panels to power their home and car and turned their garden into a buzzing wildlife paradise. There's a beaver-style pond, a meadow with pretend boar rooting, a wildflower lawn and

even a children's sandpit that's now a secret insect haven. It's playful, purposeful and planet-friendly.

As if that is not enough there is an orchard and a vegetable patch. They look forward to welcoming you and sharing what they have learnt!



4 Bircham BN8 5AZ



Features:

Air source heat pump • underfloor heating • cavity wall insulation

Type: Detached **Age:** 1950 **Beds:** 4 **Walls:** Internal wall insulation

OPEN 13th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 10am & 12pm

Henry and Bea wanted to move to Barcombe and really liked the site where Bircham sits, but didn't like the existing bungalow. They decided on a complete refurbishment and took the decision to build up as well. Henry brought his construction industry skills to the refurbishment as he is a project manager by profession.

The house was extensively insulated along with high spec windows and doors, especially

at the back of the house where the large kitchen/dining area has been opened up to the garden. Underfloor heating was installed downstairs with only a few radiators needed upstairs – all powered by a 7.5 kW air source heat pump. The refurbishment took 9 months and Henry, Bea and family moved in May 2024.

Come and book your tour to hear about their experience and take a look around this stunning house.

5 Old Rectory Cottage BN8 5TW

Features:

A-rated house • air source heat pump • solar panels • battery storage • passive solar design

Type: Detached **Age:** 1890 **Beds:** 5 **Walls:** Insulated cavity

OPEN 13th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 9:30 & 10:45am

Old Rectory Cottage is a modern transformation of an 1890 Victorian Sussex home by Hapa Architects. Previously burdened by disjointed additions, it now features a cohesive 108m² extension with a sunken kitchen-diner, cantilevered oriel window and views of the South Downs.

The five-bedroom home combines fine architectural detailing with advanced sustainable systems, including an air source heat pump,

underfloor heating, a 10kW solar array with battery storage and passive solar design. Upgraded insulation and double glazing helped to earn the house an A rated EPC.

The retrofit reflects the owner's aim to cut energy use, reduce grid reliance and prepare for local power outages.

Join a tour with architect Stuart Paine, Director at Hapa Architects.



6 Spithurst Hub BN8 5EE



Features:

Air source heat pump • wildlife garden • electric car charger

The Autumn Hubbery Pop Up Cafe is open on Saturday 13th September for Swedish themed lunches and fika (a social break with tea coffee and Swedish pastries) from 10am to 4pm.

OPEN 13th SEPTEMBER

Open from 10am - 4pm

Spithurst Hub is a modern, super insulated, co-working space, meeting and conference facility and bakery in the rural village of Barcombe. It is heated via an air source heat pump into underfloor heating along with an electric car charging point. There is an award-winning wildlife centred garden and The

Hubbery Bakery produces the most delicious baked goods via their micro bakery.

The Hubbery Bakery has pop up weekends when it is occasionally open for lunch and fika – **it is open Saturday 13th and Sunday 14th September** during our Eco Home Open House & Garden season.

7 Balquhiddar TN22 3XG

Features:

Ground source heat pump • solar panels • battery storage • garden for nature • pond

Type: Detached **Age:** New build **Beds:** 4 **Walls:** SIPS

OPEN 13th SEPTEMBER

Andy and Sandy used their previous experience to design and build their new home. They had already built nearby and were keen to create something both efficient and nature-friendly.

The plot was once a chicken farm but, shocked by the conditions, they set out to restore it as a space for wildlife.

The result is a diverse garden with hedgerows, native trees, sheep-grazed areas and a pond buzzing with dragonflies. A bioacoustic

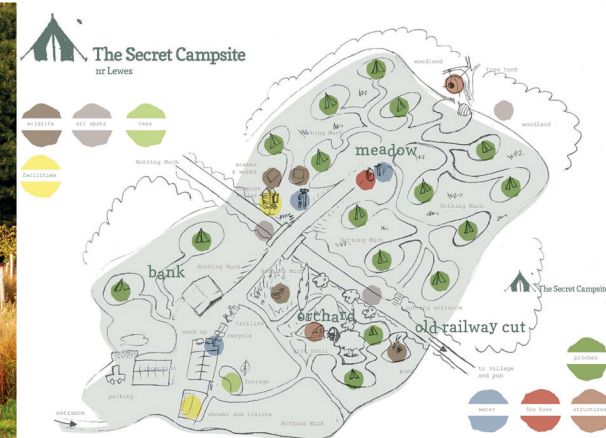
monitor is also in place to track bird and bat activity.

The house itself is built with SIPS panels for excellent insulation, triple-glazed Velfac windows, underfloor heating, a ground source heat pump and solar panels with battery storage.

Come and speak with Andy and Sandy to hear how they created their sustainable home and thriving wildlife garden.



8 The Secret Campsite BN8 4TD



OPEN 13th SEPTEMBER
BOOK VIA EVENTBRITE

Tour at 2:30pm

Shhh don't tell anyone but there is a nature tour at the Secret Campsite!

Come and see the way that the campsite and gardens have been landscaped to encourage a wide range of habitats for wildlife.

Learn about the adders, glow worms, nightingales and dormice on the dismantled railway, along with great crested newts, a wide range of bats and birds plus a huge variety of native plants and mushrooms.

Also come to admire the recently built Wash House which was constructed using recycled and

locally sourced materials including chestnut floors and brick waste from Chailey brick works. Rainwater is collected to flush the toilets. No concrete was used in the construction which is supported using old recycled telegraph poles (even one from the 1950's).

Your tour guide will be Dylan Walker from People's Park for Nature. We will be holding one tour at 2.30pm – book via Eventbrite.

LEWES

1 60 Barons Down Road BN7 1ET



- 1 60 Barons Down Road BN7 1ET
- 2 5 Manor Terrace BN7 1JR
- 3 8 Willie Cottages BN7 2BX
- 4 36 East Way BN7 1NG
- 5 10 Sheepfair BN7 1QH
- 6 Hill House Juggs Lane BN7 3PP
- 7 26 Lancaster Street BN7 2PY
- 8 8 Southdown Avenue BN7 1EL
- 9 21 Mount Harry Road BN7 1NU
- 10 25 North Way BN7 1DS
- 11 75 North Way BN7 1DJ

Legend:

- House only
- Garden only
- House and garden



Features:

Award winning retrofit • under floor insulation • double glazing • solar panels • wood burner • wildlife garden

Type: Mid-terrace **Age:** 1969 **Beds:** 3 **Walls:** Timber frame

OPEN 20th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 11am & 1:30pm

Ian and Magali's refurbishment of Barons Down Road is remarkable for having been independently verified as having a carbon footprint of around 0.4 tonnes of carbon per year – about 92% lower than the national average.

The 1960's timber framed, terraced house was refurbished on an ethos of upgrading the thermal efficiency of the fabric and refreshing the finishes and

fittings, treating the vintage sixties housing design with sensitivity and conservation in mind. Their eco-retrofit won the AJ Retrofit award for best post-1945 house.

The headline achievement is that for around £58K + VAT (in 2011) the house has been made virtually carbon neutral.

2 5 Manor Terrace BN7 1JR

Features:

Cavity wall insulation • loft insulation • under floor heating • double glazing • heat recovery fans • solar hot water • wood burner • sun tube • rain water harvest • wildlife garden • permaculture principles

Type: Semi-detached **Age:** 1928 **Beds:** 4 **Walls:** Cavity wall

OPEN 20th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 1:30pm & 3pm

Nicola is a sustainable architect with an undergraduate degree in Environmental Design and used her house as a test case study.

She comments “we’ve put our money where our mouth is!” The house was stripped of anything which didn’t breathe and was insulated to above building regulations. Care was taken when building the new extension to use recycled and local products including the floor, windows and

kitchen. The rest of the house has been refurbished with the same care and ethos.

There are lots of smaller details as well – come and join the tours on the 20th September to hear directly from Nicola about this very special house.



3 8 Willie Cottages BN7 2BX

Features:

Cavity wall insulation • under floor insulation • loft insulation • double glazing • 5kWh air source heat pump • solar panels • sun tube • rain water harvest • wildlife garden • cork laminated floors

Type: Terrace **Age:** 1898 **Beds:** 2 **Walls:** Solid brick

OPEN 20th SEPTEMBER

Open 10am - 1pm
& 2pm - 4pm

People queue at **Jill's** house, eager to see the cheap and near-invisible magnetic-strip secondary glazing that her house features. See her short video demonstrating and explaining all about it: <https://www.youtube.com/watch?v=aEBbSkjkCik>. She urges you to watch it before visiting!

Do visit <https://www.jgoulder.com/green/> where you can download

a floorplan of the features of Jill's house, and a lot of fact-sheets about the house and secondary glazing.

In addition, this cottage has solar panels, storage batteries and an air source heat pump. Some myth-busting about the latter: no radiator replacement, no lower temperatures, no noise, no extra insulation!



4 36 East Way BN7 1NG

Features:

Cavity wall insulation • under floor heating and insulation • loft insulation • double glazing • air source heat pump

Type: Terrace **Age:** 1930 **Beds:** 3 **Walls:** Cavity wall

OPEN 20th SEPTEMBER
BOOK VIA EVENTBRITE

Tour at 11:30am

Chris, CEO of Ovesco, and **Suzanne**, a fashion historian and writer, had been busy with work and family when their home started showing its age.

The conservatory was unusable year-round and a leaking gas boiler had damaged the downstairs bathroom. Motivated by the climate emergency, they decided it was time to future-proof their home. They demolished the old conservatory to build a modern

extension, replaced the kitchen with a handmade one from a local company and upgraded the heating system with an air source heat pump and underfloor heating.

The fuse box was also upgraded to prepare for solar panels, battery storage and electric vehicle charging—bringing their home into the 21st century.



5 10 Sheepfair BN7 1QH

Features:

Cavity wall insulation • external wall insulation • loft insulation • double and triple glazing • air source heat pump • solar thermal • solar panels • sun tube • rain water harvest • wildlife garden & pond

Type: Semi-detached **Age:** 1956 **Beds:** 3 **Walls:** Cavity wall

OPEN 20th SEPTEMBER

Open 10am - 1pm
& 2pm - 4pm

Ann and Richard moved from London to the Nevill in Lewes in 2008 and started their extensive programme of works to their new home in 2009. They looked into the whole house retrofit of their home using professional advice and did large scale work to upgrade the fabric of their home.

They installed external wall insulation, an unheated sunspace on the south side, super insulated

the roof, added a porch and at the time heated the house with a gas boiler and a wood burner with back boiler.

Both solar thermal (for hot water generation) and solar panels (for electricity generation) were installed on the roof. The heating has now been upgraded to an air source heat pump.



6 Hill House BN7 3PP

Features:

Certified Passivhaus • 9 year old house • new build studio • airtight • mechanical ventilation with heat recovery • hot water heating with a heat pump

Type: Detached **Age:** 2016 **Beds:** 4 **Walls:** SIPS

OPEN 20th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 10am & 11:30am
*No parking at house

As an architect, **Charles Meloy** along with his wife **Hannah**, had long wanted to build their own family house. Whilst on a walk over the downs from Brighton, a potential site with two chicken sheds was discovered along Juggs Road. Following several years of hard work, Hill House came into being – the first Certified Passivhaus in the South Downs National Park. It is a modest 4-bedroom single storey family house, which sits

marvellously within the plot – peacefully surrounded by trees. As a Passivhaus it needs very little heating, which is supplied by electric underfloor heating within a polished concrete floor. Now there is also a brand-new separate building – The Studio – also built to Passivhaus standards with a wholly timber based method of construction.

Please walk from Lewes as there is no parking on site. Contact Ovesco if you have mobility issues.



7 26 Lancaster Street BN7 2PY



Features:

External wall insulation • internal wall insulation • loft insulation • double glazing • under floor heating • breathable materials • rain water harvest • wildlife garden

Type: Semi-detached **Age:** 1858 **Beds:** 2 **Walls:** Brick and bungaroosh

OPEN 20th SEPTEMBER

Open 10am – 4pm

Sam has retrofitted this 1858 Victorian terraced property using natural, breathable systems and materials while also concentrating on the reuse of materials within the construction process.

The house is made from red brick and bungaroosh – a local material made from flint, brick, lime, sand and basically anything which may be available and shovelling it between shuttering until set. At every point, materials have been

considered to see if they can be reused on site. But more than that the property has become an innovation project; Venetian lime based damp proofing solutions, reflecting insulating lime plaster, breathable insulation including recycled denim.

Come and chat to Sam about how he did this and learn more about the processes and materials he used.

8 8 Southdown Avenue BN7 1EL

Features:

Solar panels • rainwater collection system • vegetable patch • garden managed for wildlife

OPEN 20th SEPTEMBER

Open 10am – 4pm

**Access around the side of the house. Note – Steep steps down from the road.*

Owner **Nikkan and family** have lived here for around 5 years and have developed the large south facing garden in three sections. The bottom part of the garden is a productive vegetable garden shaded by solar panels on a pergola. They provide electricity for the house along with a rainwater collection system for the vegetables. It must be seen – it is amazing! There is a large shed built with found materials and a comprehensive compost system.

The garden is generally managed for wildlife with a refurbished pond, the lawn allowed to grow long, with paths mown. There are many fruit trees providing shade and a good crop. The garden's boundaries are the usual garden shrubs and trees, allowed to grow dense to provide shelter and a woodland environment for wildlife. The garden has a wide variety of native wildflowers allowed to grow in harmony with the mature garden plants.



9 21 Mount Harry Road BN7 1NU



Features:

Re-wilded beaver-style pond • pollinator plants • log piles

OPEN 20th SEPTEMBER

Open 10am–4pm
Tour at 2pm – no need to book

This laid-back little garden on a 1930s estate near the Downs is buzzing with life! Owner **Suzy** says that the new centrepiece is a pond inspired by beaver dams—full of woody debris, shallow edges and rotting logs. It holds water in drought, slows it in rain and teems with dragonflies, birds, bugs and even helpful microbes. A playful ever-evolving space where nature takes the lead. The rest of the garden is a wildlife-friendly haven with scythed grass pollinator

plants, log piles and leaf litter. Bats, frogs, slow worms and moths all call it home and gaps in fences let wildlife wander freely between neighbouring gardens.

Local re-wilding expert Dylan Walker will run a tour at 2pm to explain how the beaver-style pond was made and how it acts as a fantastic boost for biodiversity.

10 25 North Way BN7 1DS

Features:

'Bull pit' re-wilding feature on front drive • wildlife friendly back garden with active bee hives

OPEN 20th SEPTEMBER

Open 10am - 4pm

Owners **Liz and Tom** have a unique re-wilding feature on their front drive – a replica Bull Pit! Once scraped into the earth by wild bulls during spring displays these hollows were rich microhabitats – warm, dry and alive with solitary bees, wasps, butterflies and reptiles.

Liz's modern version is a sculpted sandy scrape: a suntrap for pollinators, a clay source for nest-builders and a stage for insect drama. She also has a wildlife-

friendly back garden and cares for two bee hives.

Visitors to the back garden should wear a hat and ensure they have no allergic reaction to insect stings.



11 75 North Way BN7 1DJ



Features:

Beaver pond • flower beds • trees • shrubs • herbs • wildflowers • dead wood for insects • reptiles and amphibians • raised beds for fruit and vegetables

OPEN 20th SEPTEMBER

Open 10am-4pm

Terraced wildlife garden on a 23% inclined chalk slope leading to Landport Bottom chalk grassland.

Since moving here 12 years ago, owner **Denise** has followed a permaculture approach: no pesticides, herbicides, fungicides or artificial fertilisers.

She composts to enrich the soil and boost biodiversity. The garden includes wildflowers, cultivated flowers, trees (Hawthorn, Rowan, Field Maple, Lilac, Elder) and

shrubs (Lonicera, Spindle, Ivy, Holly, Privet). Denise doesn't mow and cuts hedges just once a year. Working with nature this garden supports a rich mix of fungi, microorganisms and wildlife—badgers, foxes, mice, lizards, slow worms, frogs, newts, bees, butterflies and more.

Her latest feature is a beaver-style pond with flowing water and a dam—great for frogs, newts and pond life.

MOSAIC OF HABITATS



Visit Wild Gardens in Lewes - houses 8, 9, 10 & 11 to see amazing rewilding installations created by People's Park for Nature

GARDEN TOURS

Building a Mosaic of Habitats across Lewes

The **Lewes Mosaic Project** is made up of local organisations and people working together to support nature recovery in and around Lewes.

It is a collaboration between the **Railway Land Wildlife Trust, Common Cause Cooperative, Wildflower Lewes, Lewes Urban Arboretum and Lewes Swift Supporters and working with the People's Park for Nature on the Nevill Garden Trail.**

The day events:

11am - A tour of swift boxes and street trees with Lewes Swift Supporters

12pm - Wildflower verges exploration with Wildflower Lewes

1pm - A tour of Highdown Community Allotment

2pm - 21 Mount Harry garden beaver-style pond visit

To join any tour meet at the Mosaic pop-up stall outside the Mount Harry Stores, BN7 1NS, at the start time. **No need to pre-book.**

Share your support for wildlife by putting your garden or green space on the Lewes Mosaic Map.

Scan the QR code or go to:

www.railwaylandproject.org/lewes-mosaic-map



RODMELL

1 Barn Croft BN7 3HF



Features:

Cavity wall insulation • loft insulation • double glazing • air source heat pump • wood burner • solar panels • car charger • rain water harvest • wild garden • permaculture principles

Type: Detached **Age:** 1973 **Beds:** 4 **Walls:** Brick wall

OPEN 27th SEPTEMBER

Open 10am - 4pm

This house was retrofitted about 15 years ago and **Tim** will show you around the outside of the house, including the external solid wall insulation, a Mitsubishi air source heat pump and an array of solar panels which support a car charging point.

Recently a lodge has been built in the garden with a wooden frame and straw walls. Also built with rammed chalk foundations and

an earthen floor - there is hardly any use of cement in the whole build. The room is heated in winter by a small wood burner.

And don't forget to take a good look at the vegetable garden which is based on permaculture principles.

2 The Old Police House BN7 3HB

Features:

Under floor insulation • loft insulation • double glazing • air source heat pump • electric car • solar panels • wood burner • LED lighting • wildlife garden

Type: Semi-detached **Age:** 1920 **Beds:** 2 **Walls:** Cavity wall

OPEN 27th SEPTEMBER

Open 10am - 4pm

This house needed rewiring, the kitchen and bathroom replacing and also the owner, **Nicki**, wanted to ensure that the Old Police House would be fit for purpose for the future. She fitted an air source heat pump, put up 14 solar panels and installed a battery, as well as a car charger.

The floor insulation was made from natural materials, paint was chosen to be compatible with the original lime plaster, making good was with lime and any material taken from the house was carefully

considered to see if it could be reused. The house is now warm, comfortable and practically draught free as well as being very cheap to run. Nicki had the EPC re-evaluated after all the work and it has gone from an E to an A rating.

While the garden is a work in progress, it is left to mainly re-wild, vegetables are grown near the house, there are fruit trees newly planted and the hedges are cut on a two year rotation to ensure a home for the flock of sparrows.



3 The Mound BN7 3HF



Features:

Air source heat pump • solar panels • high performance double glazed windows • replacement cavity wall insulation

Type: Detached **Age:** 1968 **Beds:** 3 **Walls:** Cavity wall

OPEN 27th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 10am & 2pm

Ali and Kathrine moved to Rodmell in 2021 and knew that they needed to update their new house.

The first things done were to make it more energy efficient. The degraded cavity wall foam insulation was replaced with best in class bonded polystyrene beads and the roof insulation was renewed with 270mm of Knauf Earthwool. 16 solar panels were fitted to the southeast-facing roof and aluminium double-glazed

windows with Argon gas brought the house into the 21st century. All radiators were replaced and heating is now provided by an Ecodan air source heat pump. Cork kitchen flooring provides additional insulation.

The Mound is now a modern, efficient space which is cheap to run and very comfortable to live in – as well as looking very smart indeed!

HASSOCKS & DITCHLING

1 2 The Dymocks BN6 8SU



- 1 2 The Dymocks BN6 8SU
- 2 8 Hurst Road BN6 9NJ
- 3 Weald House Ockley Lane RH15 0BH
- 4 132 Parklands Road BN6 8LF
- 5 39-41 High Street BN6 8SY

Legend:

- House only
- Garden only
- House and garden



Features:

A house which runs on electricity • solar panels • air source heat pump • electric vehicle charge point • battery storage

Type: Detached **Beds:** 4 **Walls:** Cavity

OPEN 27th SEPTEMBER

Open 10am - 1pm
& 2pm - 4pm

Jenny's house is completely decarbonised and runs solely on electricity. The house is heated via an air source heat pump, generates electricity on site with solar panels, has battery storage and an electric car. The house has cavity wall insulation and good quality double glazing as well as a good amount of loft insulation.

The home owner has taken out her wood burning stove and even fitted an induction hob meaning

that there is no gas to the house and therefore no standing charge payable but most importantly it is decarbonised.

Come and chat to Jenny, find out more details, how she did it, and why and what difference it makes to her home. Be inspired to make those changes in your own home!

2 8 Hurst Road BN6 9NJ

Features:

A deep retrofit to achieve a net zero energy building to Passivhaus calculations • triple glazing • air source heat pump • MVHR • solar panels • battery storage

Type: Detached **Age:** 1978 **Beds:** 4 **Walls:** Cavity filled brick

OPEN 27th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 10am & 2pm

Nick and Sally set out to retrofit their home to near net-zero energy, aiming for the Passivhaus “EnerPHit” standard. Nick completed a Master’s in Architecture and the Sustainable Environment and used PHPP software to design the retrofit. He also earned an AECB CarbonLite Retrofit qualification.

They hired a specialist Passivhaus builder but also took on key tasks themselves—installing the

ventilation system with a student, handling much of the airtightness work and doing the external painting.

Join them to hear how they transformed their home into a highly energy-efficient comfortable space with stable temperature and humidity.



3 Weald House RH15 0BH

Features:

New build house • Passivhaus • electric cars • solar panels • battery storage

Type: Detached **Age:** 2020 **Beds:** 5 **Walls:** Steel cavity with brick slips

OPEN 27th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 9:30am & 11am

Originally designed by Ecotecture, this visually striking new-build home meets Passivhaus standards. Approved under the rare Paragraph 55 of the National Planning Policy Framework, it sits within the grounds of the client’s existing home, Weald Hall.

The five-bedroom house was designed with high energy efficiency goals and features a complex zinc roof. The south-facing slope of the site presented

challenges for earthworks. On-site power is provided by a 12kW ground-mounted solar array and a 12kWh battery.

Join Jo from Ecotecture, to learn about the design concept, the challenging planning journey and how the home performs today.



4 132 Parklands Road BN6 8LF

Features:

Air source heat pump • stunning wildlife garden

Type: Ground floor flat **Age:** 1965 **Beds:** 2 **Walls:** Filled cavity wall

OPEN 27th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 1.30pm & 3pm

When **Alistair and Thea's** gas boiler broke, they knew they wanted to do the right thing and fit an air source heat pump. They used a local company, upgraded all their radiators, some of the pipework and installed a new hot water tank in the cupboard in the kitchen. Result – a warm flat and an unexpected drop of **£300** last year in their bills!

So come and admire the installation but stay for the secret

wildlife garden – featuring a pond, rainwater capture, a compost heap, native plants for bees and insects, bird boxes, a greenhouse for growing tomatoes and a vine to shade the seating area. This small back garden is packed with everything to appeal to bees, insects, and birds.

Alistair will give you a tour of the heating system and also a tour of the garden.



5 39-41 High Street BN6 8SY

Features:

Retrofit in progress • traditional materials • insulation • air source heat pump • solar panels • battery storage

Type: End of terrace **Age:** 1750 **Beds:** 5 **Walls:** Various construction

OPEN 27th SEPTEMBER
BOOK VIA EVENTBRITE

Tours at 10am & 12pm

Ben and his family lived in this Georgian high street house in Ditchling for 10 years so knew exactly how cold and draughty it was.

About two years ago a schedule of works was started including insulating under the floors, insulating the walls, mending plasterwork with lime plaster, discovering some original floor tiles and building a kitchen extension designed by Sally

Williams Architects. The house is now warm and pleasant to live in (even though there is still work to be done) and it is heated by an air source heat pump.

Ben is very knowledgeable about building with wood and using breathable materials and can tell you about the work that has been undertaken and is still to be done to make this traditional house fit for the 21st century.



We would like to say thank you to everyone who supports us.

SOUTH DOWNS
NATIONAL PARK



Lewes
Town
Council



OVESCO



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