

14/15 and 21/22 SEPTEMBER 2024

ECO HOME OPEN HOUSES

We are delighted to bring back **Eco Home Open** Houses to the Lewes District after a break of 8 years !

Eco Home Open Houses will be taking place over two weekends:

14/15 September Barcombe and Lewes

21/22 September Rodmell, Newhaven and Seaford

Homeowners are throwing open their doors to showcase the energy improvements they have made to their homes. You will be able to see all of the following and talk to the homeowners direct about their experiences:

Air source heat pumps • Solar PV • Battery • Whole house ventilation system • Electric cars • Insulation • Wilded gardens • Glazing ideas including secondary glazing in conservation areas. 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 or on foot or via cycling. 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.



VISITING THE HOUSES

TIMETABLE

LEWES

How it works

Most houses are open 10am–1pm and 2pm–4pm.

Some houses are only open one day or for half a day. Please check individual houses for details. The following houses have **tours only** that need to be booked on Eventbrite via our website:

https://ovesco.co.uk/event/eco-home-open-houses

Tours last approximately one hour.

HOUSE 1: 60 Barons Down Road Sunday 15 September tour at 10am and 1.30pm

HOUSE 2: 5 Manor Terrace Saturday 14 September tour at 11.30am and 3pm

HOUSE 4: 1a The Lynchets

Saturday 14 September tour at 10am and 1.30pm Sunday 15 September tour at 10am and 1.30pm

HOUSE 5: 29 Harvard Close

Saturday 14 September tour at 11.30am and 3pm Sunday 15 September tour at 11.30am and 3pm

HOUSE 15: Black Timber House

Saturday 21 September tour at 9.30am and 10.45am

HOUSE 18: 16 Denton Drive

Saturday 21 September tour at 10am and 2pm Sunday 22 September tour at 2pm



- 1 60 BARONS DOWN RD, BN7 1ET
- 2 5 MANOR TERRACE POTTERS LANE, BN7 1JR
- 3 8 WILLE COTTAGES, SOUTH ST, BN7 2BX
- 4 1A THE LYNCHETS, BN7 2BL
- 5 29 HARVARD CLOSE, BN7 2EJ
- 6 10 SHEEPFAIR, BN7 1QH
- 7 36 EAST WAY, BN7 1NG
- 8 26 LANCASTER STREET, BN7 2PY
- 9 32 NORTH STREET, BN7 2PH
- 10 LEWES HOUSE 32 HIGH ST, BN7 2JU

1 60 BARONS DOWN RD, BN7 1ET





Features:

Award winning retrofit • Under floor insulation • Double glazing • Solar PV • Wood burner • Wild life garden

Type: Mid-terrace Age: 1969 Bed: 3 Walls: Timber Frame

OPEN 15 SEP BOOK VIA EVENTBRITE

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

The 1960's timber framed terraced house was bought relatively cheaply as a 'doer upper'.

The interiors had barely been touched for over forty years and needed a complete overhaul.

Tour 10am and 1.30pm

Ian and Magali devised the refurbishment on an ethos of upgrading the thermal efficiency of the fabric, refreshing the finishes and fittings but not doing any alteration work, 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 the house has been made virtually carbon neutral. Book a time on Sunday to come and find out more about how this was achieved in this stylish family home.

Features:

Cavity wall insulation • Loft insulation • Under floor heating • Double glazing • Heat recovery fans • Solar hot water • Wood burner • Sun tube • Rain water harvest • Wild life garden • Permaculture principles

Type: Semi - detached Age: 1928 Bed: 4 Walls: Cavity wall

OPEN 14 SEP BOOK VIA EVENTBRITE

Tour 11.30am and 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 14th September to hear directly from Nicola about this very special house.



3 8 WILLE COTTAGES, SOUTH ST, BN7 2BX



Features:

Cavity wall insulation • Under floor insulation • Loft insulation • Double glazing • 5kWh Air Source Heat Pump • Solar PV • Sun tube • Rain water harvest • Wild life garden • Cork laminated floors

Type: Terrace Age: 1898 Bed: 2 Walls: Solid Brick

OPEN 14/15 SEP

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: <u>https://</u> www.youtube.com/watch? <u>v=aEBbSkjkCik</u>. She urges you to watch it before visiting! Visit <u>http://www.jillgoulder.plus.com/</u> <u>green/</u>, 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.

OPEN 10am–1pm & 2–4pm

In addition, this cottage has solar PV, 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 1A THE LYNCHETS, BN7 2BL

Features:

Cavity wall insulation • Under floor insulation • Loft insulation • Double glazing • 6kW Air Source Heat Pump • Solar PV • Electric car charger • Rain water harvest • Wild life garden

Type: Detached Age: 2011 Bed: 3 Walls: Brick

OPEN 14/15 SEP BOOK VIA EVENTBRITE

Sat Tour 10am and 1.30pm Sun Tour 10am and 1.30pm

Diana and Martin moved into this almost new house in 2015, although the house was relatively energy efficient, they were still motivated to do the 'right environmental thing' and make additional improvements. They have added solar PV, an airsource heat pump and a car charger, most additions being made as the old systems reached their natural end. They are incredibly happy with the improved comfort levels of their new house and are really pleased with how each new improvement works adds to the previous upgrades to work as a whole.

Book a time to visit and find out more, including specifics on costs and benefits.



5 29 HARVARD CLOSE, BN7 2EJ





Features:

Double glazing • 6kWh Air Source Heat Pump • Solar PV • 9kW Battery • Electric Car • EV charger • Wild life garden • Solar hot water diverter

Type: Terrace Age: 1975 Bed: 3 Walls: Brick & Timber

OPEN 14/15 SEP BOOK VIA EVENTBRITE

Stuart and Caroline wanted to make their mid-70's 3 bed house as energy efficient as it could possibly be but they were not up for a Grand Designs style rebuild so the question became: How easily can you retrofit the type of house lots of people live in? It turns out it's much easier than they'd expected. As a comparison they also replaced the kitchen, which was far and away the most intrusive work they had done, if you've ever experienced building work/renovation the eco-retrofit will be simple by comparison.

Sat Tour 11.30am and 3pm Sun Tour 11.30am and 3pm

To find out more about how they approached the work, and used grants from energy suppliers, come and visit.

Features:

Cavity wall insulation • External wall insulation • Loft insulation • Double & triple glazing • Air Source Heat Pump • Sun space • Solar PV • Sun tube • Rain water harvest • Wild life garden • Wild life pond

Type: Semi-detached Age: 1956 Bed: 3 Walls: Cavity wall

OPEN 14 SEP

OPEN 10am–1pm & 2–4pm

Ann and Richard moved from London to the Neville 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, installed 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 PV (for electricity generation) were installed on the roof. The heating has now been upgraded to an air source heat pump. Ann and Richard are really expert at what they have done to their house- they can talk to you in detail about the extensive works and we encourage you to visit.





7 36 EAST WAY, BN7 1NG

8 26 LANCASTER STREET, BN7 2PY



Features:

Cavity wall insulation • Under floor heating and insulation • Loft insulation • Double glazing • Air source Heat Pump

Type: Terrace Age: 1930 Bed: 3 Walls: Cavity wall

OPEN 14/15 SEP

Chris is the CEO of Ovesco and Suzanne is a fashion historian and writer. While they have been busy with their work and family lives, their house was starting to need attention. The conservatory on the back of the house was not fit for purpose – hot in the summer and cold in the winter. The old gas boiler had leaked and damaged the downstairs bathroom. The time had come to future proof the house and cut carbon emissions because of the climate emergency.

OPEN 10am–1pm & 2–4pm

Chris and Suzanne decided to take the plunge and go for a full refurbishment – knocking down the old conservatory to build an extension to current building regulations and replacing the old kitchen with a hand made one by a local company.

The old leaking gas boiler was replaced with an air source heat pump and underfloor heating laid on the ground floor. They also upgraded the fuse box to allow for future solar PV, battery and EV charging to complete the 21st century upgrade!

Features:

External wall insulation • Internal wall insulation • Loft insulation • Double glazing • Under floor heating • Breathable materials • Rain water harvest • Wild life garden

Type: Semi-detached Age: 1858 Bed: 2 Walls: Brick & Bungaroosh

OPEN 14/15 SEP

OPEN 10am-1pm & 2-4pm

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. You will see it in Brighton, Worthing and Lewes. 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.



9 SUSTAINBLE SUPPLIERS

Do you want to start your home retrofit journey but don't know where to begin?

Why not talk to an industry expert?

KIND SUPPLY

OPEN 14 SEP 10am–3pm 32 North Street Lewes, BN7 2PH



ONEZERO

Power to the People

Kind Supply are a company dedicated to revolutionising the construction industry by promoting bio-based and sustainable alternatives. They are based in Lewes and are here to raise awareness of natural and sustainable building material while encouraging changes of behaviours in the construction industry. Drop by for great information to help you make your home healthier, warmer whilst also reducing your energy consumption.

Bikery

GET BIKERY

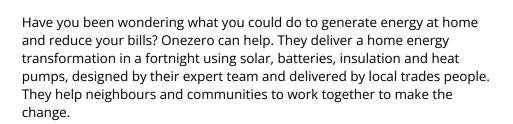
Get Bikery provides a zero-carbon alternative to short journeys ordinarily made by cars and vans. Lewes is a hilly town with congested roads. eCargo bikes can avoid traffic, handle the hills and carry big loads!

Come down to Foundry Yard round the corner from Kind Supply on 14th September and find out more !

OPEN 14 SEP 10am–3pm 32 North Street Lewes, BN7 2PH

ONEZERO ENERGY

OPEN 14 SEP 10am–3pm 32 North Street Lewes, BN7 2PH



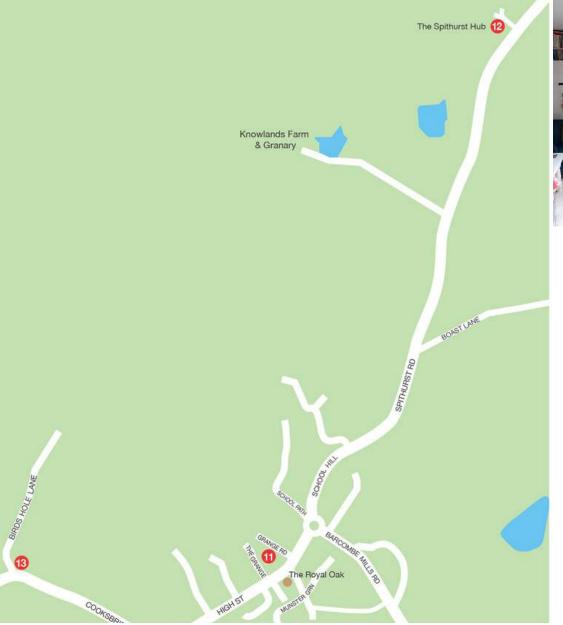
10 FREE ENERGY ADVICE

Our **Community Energy Champions** will be available at Lewes House Gardens to offer free, impartial advice and support around energy usage in the home.

> OPEN 14/15 SEP 10am–4pm Lewes House Garden School Hill Lewes, BN7 2JU

BARCOMBE

11 THE OLD COTTAGE GRANGE RD, BN8 5AU



11 THE OLD COTTAGE GRANGE RD, BN8 5AU

12 SPITHURST HUB, BN8 5EE - REFRESHMENTS

13 SEWELLS GATE HOUSE, BN8 5FH



Features:

Wall insulation • Under floor insulation • Loft insulation • Double glazing • Heat Pump • Wood burner • Wood burner • Wild life garden

Type: Detached Age: 1776 Bed: 4 Walls: Brick & timber

OPEN 14/15 SEP

OPEN 10am–1pm & 2–4pm

Free, impartial energy advice available at this house from our Energy Champion!

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.

12 SPITHURST HUB, BN8 5EE REFRESHMENTS



Features:

Air Source Heat Pump • Wild life garden

A **Very Nice Slice** is an occasional pop-up making classic Neapolitan-style pizzas along with hot and cold drinks and Swedish buns from the Hubbery Bakery.

OPEN 14/15 SEP



Spithurst Hub is a modern super insulated office, 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 electric car charging point. There is an awardwinning wildlife centred garden and The Hubbery Bakery produces the most delicious baked goods via their micro bakery.



13 SEWELLS GATE HOUSE, BN8 5FH

Features:

Ground source heat pump • 3.2 kWph Solar PV • Triple glazing • Underfloor heating • Underfloor insulation

Type: Detached Age: 1985 Bed: 4 Walls: SIPS

OPEN 15 SEP

OPEN 10am–1pm & 2–4pm

Sewells Gatehouse was built in 1985 to a ScandiaHus design with high levels of insulation and triple glazing. It has since been upgraded with more insulation, a ground source heat pump and solar PV panels on the roof. Energy use is nearly 50% below average and more than 60% lower than the former building. The work took over a year and involved stripping out all flooring and plastered wall surfaces to gain access to the underlying structure. At the same time, the kitchen was switched from the south side, where it tended to overheat, to the north side, with its lovely views across the fields.



RODMELL

14 THE OLD POLICE HOUSE, BN7 3HB



THE OLD POLICE HOUSE, BN7 3HB

1 NAVIGATION COTTAGES, BN7 3HF

BARN CROFT, BARLEY FIELDS, BN7 3HF

BLACK TIMBER HOUSE, MARTENS FEILD, BN7 3HR

14

15

16

17



Features:

Under floor insulation • Loft insulation • Double glazing • 12kW Midea Air Source Heat Pump • 200L pressurised hot water tank • Solar PV • Wood burner • LED lighting • Wild life garden

Type: Semi-detached Age: 1920's Bed: 2 Walls: Cavity

OPEN 21/22 SEP

OPEN 10am–1pm & 2–4pm

Free, impartial energy advice available at this house from our Energy Champion!

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 PV panels and installed a battery ensuring the house would make more energy annually than it used. 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.

15 BLACK TIMBER HOUSE, MARTENS FIELD, BN7 3HR



Features:

Air Source Heat Pump • Solar PV panels • Whole House Ventilation with heat recovery • Sustainable materials • EPC rated A

Type: Detached Age: 2022 Bed: 4

OPEN 21 SEP BOOK VIA EVENTBRITE

Tour 9.30am and 10.45am

Black Timber House is a double award winning new house in the Downland village of Rodmell designed by Hapa Architects. The vision was to create a striking eco house in the heart of the South Downs National Park, to stand the test of time using local and sustainable materials whilst designed by passive ways to reduce energy consumption.

Come and book onto a tour with the architect Stuart Paine of Hapa Architects.

There will be two tours of this very special house – one at **09.30** and one at **10.45** on 21st September. **Booking essential.**

Please note – very limited parking at Black Timber House – please either come via public transport (Number 123 bus) or park in the Abergavenny Pub car park and walk down.

16 1 NAVIGATION COTTAGES, BN7

Features:

Mitsubishi Ecodan Air source heat pump

Type: Detached Age: 1680 Bed: 3 Walls: Brick

OPEN 21/22 SEP

OPEN 10am–1pm & 2–4pm

This is a quintessential 17th centuary Listed cottage in an idyllic position in the Downland village of Rodmell. Famous for Virginia Woolf, this village also has the most lovely old houses and beautiful, peaceful views across the South Downs. Caroline's cottage has been upgraded with a wooden framed, double glazed conservatory and up to standard loft insulation. The house is heated via an Air Source Heat Pump situated in the garden which is also a delight being filled with wildflower friendly plants.

Come and take a look !



17 BARN CROFT, BARLEY FIELDS, BN7 3HF

NEWHAVEN



Features:

Cavity wall insulation • Loft insulation • Double glazing • Air Source Heat Pump • Wood burner • Solar PV panels • Car Charger • Rain water harvest • Wild garden • Permaculture principles

Type: Detached Age: 1973 Bed: 4 Walls: Brick

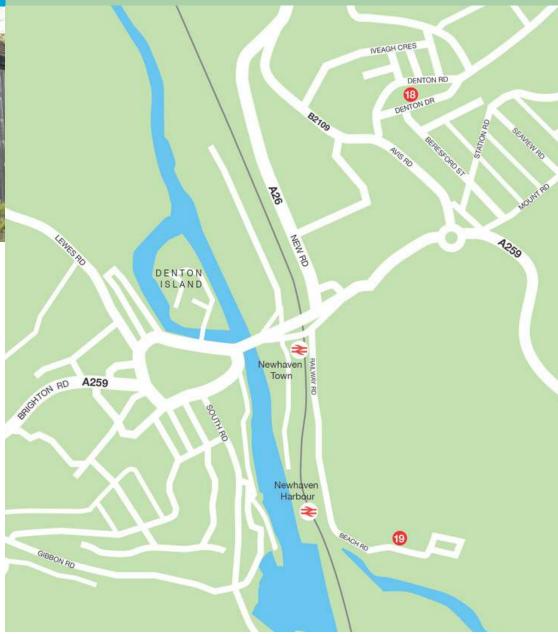
OPEN 21/22 SEP

OPEN 10am–1pm & 2–4pm

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 PV panels which support a car charging point.

Recently a lodge has been built in the garden with a wooden frame and straw walls. The Lodge was also built with rammed chalk foundations and an earthen floor - with 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.



18 16 DENTON DRIVE, BN9 0PU

19 BOUTIQUE MODERN 3 NEWHAVEN IND ESTATE BEACH ROAD, BN9 0BX

18 16 DENTON DRIVE, BN9 0PU

19 BOUTIQUE MODERN OFFICE



Features:

Cavity wall insulation • Tripled glazed • Air Source Heat Pump • Solar PV panels • Whole House Ventilation • Sustainable materials • Rain water harvest • Wild life garden • Pond

Type: Detached Age: 1950 Bed: 3 Walls: Block & brick

OPEN 21/22 SEP BOOK VIA EVENTBRITE

Adam and Rachel embarked on an extensive rebuild and loft conversion of their 1950's chalet bungalow in 2019. They wanted to live in a well insulated house that minimised their energy use, but was still a light and welcoming environment. Inevitably with such a big project they encountered various problems along the way – initially with finding builders experienced in eco-build projects. Luckily it was mostly complete before the lockdown in 2020, so they were able to finish the external work.

Sat Tour 10am and 2pm Sun Tour 2pm

Despite the challenges during the build they are increasingly happy with what they have done. Having been closely involved in the work themselves they can share extensive knowledge of the improvements they have made. Make sure you see the Separett Villa 9000 compost toilet which saves a lot of water. Find out more from the home owners and the architects Ecotecture. Come and visit the offices and factory of **Boutique Modern** in Newhaven.

They build modular houses and ADUs which are sustainable, architecturally beautiful - and affordable.

Their homes are generally used to build social housing, they also supply private customers too. Come and talk about your project with them. They are the first company in their industry to be a B Corp.



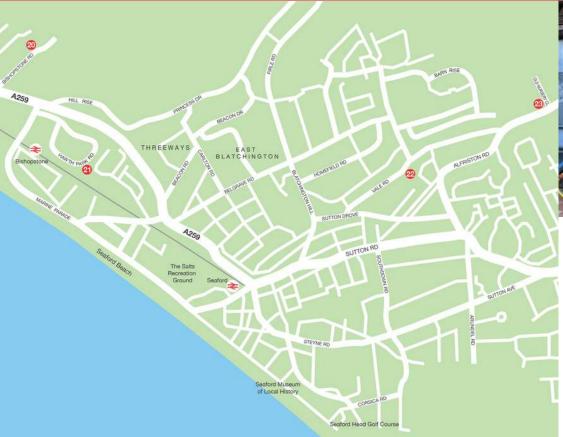






SEAFORD

20 24 BISHOPSTONE RD, BN25 2UB



20 24 BISHOPSTONE RD, BN25 2UB

- 21 66 HAWTH PARK RD, BN25 2RQ
- 22 90 VALE ROAD, BN25 3HA

23 HINDOVER ALFRISTON RD, BN25 3JN



Features:

Cavity wall insulation • Loft insulation • Double glazing • 8.5kW Air source heat pump • 210L hot water cylinder • Wood burner • Rain water harvest • Wild garden • Pond • Vegetable garden

Type: Detached Age: 1935 Bed: 3 Walls: Cavity Wall

OPEN 21 SEP

OPEN 10am–1pm & 2–4pm

Gemma and Simon have made several upgrades to their house to save resources and get rid of gas. They have added insulation to the loft, insulated the cavity walls, and installed an air source heat pump. Though they have not noticed a significant change to their heating bills they really enjoy the more comfortable constant heat from the new system and insulation. Their extension is fully insulated from the floor to the roof and was purposefully built strong enough to be planted with a green roof, which they hope to complete soon.

They have 4000 litre rainwater storage, and collect shower water for the garden too.



21 66 HAWTH PARK RD, BN25 2RQ

Features:

Cavity wall insulation • Loft insulation • Double glazing • Villavent heat retrieval ventilation system• Air source heat pump • Solar PV panels • EV car charger • Rain water harvest • Wild garden • Pond

Type: Detached split level bungalow Age: 1968 Bed: 2 Walls: Cavity

OPEN 21/22 SEP

Dirk has been improving the energy efficiency of his split-level detached bungalow, adding new features progressively, since moving in in 2006. He started with a heat retrieval ventilation system developed in Sweden. As money allowed, and making use of various grants along the way, he's added double glazing, solar panels, batteries, a heat pump, and most recently renewed and upgraded the cavity wall and loft insulation.

OPEN 10am–1pm & 2–4pm

He has kept extensive records to show before and after solar panel installation energy comparisons and has calculated that the panels paid for themselves in 7 years. They continue to save him money now he has an air source heat pump.

Come and see Dirks improvements in action, and talk to him about the benefits he has noticed as he has added each new improvement.

22 90 VALE ROAD, BN25 3HA

Features:

Cavity wall insulation • Loft insulation • Double glazing • Air Source Heat Pump • Solar PV • LED lighting • Rain water harvest • Wild life garden • Permaculture prinicples

Type: Detached Age: 1929 Bed: 3 Walls: Brick cavity wall

OPEN 21 afternoon / 22 SEP OPEN Sat 2–4pm Sun 10am–1pm and 2–4pm

Becky and Roy have become acutely aware of the climate and ecological crises and looked for ways to tread more lightly on the planet. They have retrofitted their house with insulation, solar panels and an air source heat pump with the work taking only weeks and creating very little disturbance, resulting in heating which is fossil fuel free. The addition of an array of solar PV panels means their house over a year generates more electricity than it uses. In addition they are working on applying permaculture principles to their garden and lifestyle in general.



23 HINDOVER ALFRISTON RD, BN25 3JN



OVESCO would like to say thank you to everyone who supports us so that we can continue to give energy advice to everyone in the Lewes District.

SOUTH DOWNS



Features:

Cavity wall insulation • Loft insulation • Triple glazing

Type: Detached Age: 1930 Bed: 4 Walls: Cavity walls

OPEN 21/22 SEP

Carol and Giles undertook the enabling works themselves to thermally upgrade their 1930's home. They have a tight budget. The pair and their son have stripped the house of its render, eaves and ground floor pitched roofs. Two redundant chimneys have been demolished.

With a fabric first approach, attention has been paid to air tightness and cold bridging.

OPEN 10am–1pm & 2–4pm

They are externally insulating the walls, fitting triple glazed windows and sliding doors with replacement 'warm' flat roofs. This Open House is a work in progress with information, photos and informative talks from this architectural couple. There will be a tour each day at 11am and 2pm (no need to book).









2 Station Street Lewes BN7 2DA 01273 472 405 energyadvice@ovesco.co.uk

MY NOTES

ENERGY BILL HELP & ADVICE

Our Community Energy Champions offer free, impartial advice and support around energy use in the home including:

- Energy bill health-checks
- Help with reducing energy usage in the home
- Free energy reducing kits and insulation materials for the home
- Checking eligibility for energy related financial support
- Help with approaching suppliers regarding arrears, direct debits and payment plans
- Advice on eco-heating upgrades, renewables and retrofitting

Lewes House - 32 High Street BN7 2JU Wednesday to Friday 11am-3pm

Call us at 0800 458 9045 Email at energyadvice@ovesco.co.uk

