

This is the fourth Monmouthshire Eco Open Doors event, organised by Monmouthshire Community Climate Champions. We are a partnership between Monmouthshire County Council, local community groups and renewable energy companies, concerned with energy, peak oil and transport issues.

If you would like to get involved with the work of the Community Climate Champions, please contact Hazel Clatworthy, Sustainability Policy Officer: hazelclatworthy@monmouthshire.gov.uk 01633 644843.

We encourage everyone to use public transport, walk or cycle where possible to visit properties, but appreciate that this is not always easy in our rural county. Each of the properties will be signposted using our distinctive logo. Visit our website www.monecoopendoors.org.uk for detailed directions, opening times and information about each property.

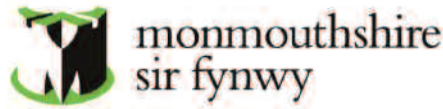
At some properties visitors will have the chance to meet renewable energy installers who can provide more information and answer technical questions.



You can also follow us on facebook www.facebook.com/MonmouthshireEcoOpenDoors

These events and the Eco Open Doors weekend are free of charge. Visits are mostly to private houses, and we thank participating property owners for their generosity and kindness. As a visitor to someone else's private home, please be respectful at all times, and only visit at the times indicated in this leaflet. Please park your car with consideration for others, and particularly neighbours. Children must be supervised at all times. Please bear in mind that some properties have ongoing building work, and others are on working farms, so take special care at these sites. The property owners who are opening are doing so to share their enthusiasm and knowledge of energy saving and generating their own energy.

Project Partners



Transition Usk



Main Sponsor



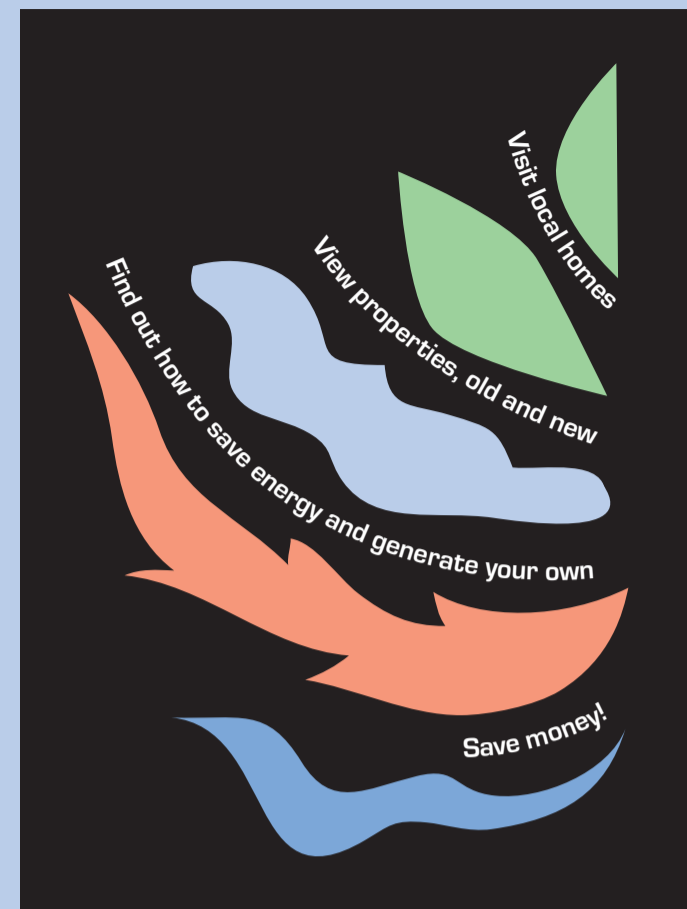
Funding Supporters



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eco open doors

12th & 13th SEPTEMBER 2015



www.monecoopendoors.org.uk

For more information about Eco Open Doors please visit www.monecoopendoors.org.uk

The Eco Open Doors Weekend on 12th and 13th September is a unique opportunity to visit homes in Monmouthshire with energy saving and energy generating features, as well as other examples of green living. This leaflet provides details of all of those opening during the weekend, but more information and directions to properties can be found on our website www.monecoopendoors.org.uk. We have organised this weekend because we are united in our concern about the threats of climate change, peak oil and the ever increasing price of fuel and electricity.

What's new for 2015

Renewable Heat Incentive

As a result of the introduction of the Domestic Renewable Heat Incentive (RHI) in 2014, there has been a surge in uptake of biomass boilers – log, chip and pellet. As part of Eco Open Doors there is the opportunity to see various types and scales of biomass from small scale domestic to larger more commercial installations. Home-owners, private landlords, social landlords and self-builders can receive payments for heating domestic water and rooms using renewables, and as well as biomass, the RHI also supports solar water heating, air, water and ground source heat pumps.

For more information on RHI and application forms, visit the Ofgem website www.ofgem.gov.uk

Resource Efficiency Wales

Are you interested in finding out information and advice on how to reduce your energy use, water use or waste? If so, Resource Efficiency Wales is a new service funded through Welsh Government which might be able to help. They provide advice and support to individual members of the public, community groups, businesses and the public sector.

They are also able to offer site visits for communities or groups of domestic customers and will do energy and water surveys of community buildings and advise on community owned renewables schemes.

See Resource Efficient Wales website for more information. www.resourceefficient.gov.wales or call the helpline on 0300 123 2020

Gwent Energy Community Interest Company Investors Club

If you are interested in investing in renewable energy, but don't have the right kind of property or enough money for a whole system, then the Gwent Energy Community Interest Company's Investors' Club might be the thing for you.

Gwent Energy specialise in installing community owned solar schemes. By investing in community schemes for 10 or 20 years you can receive 4.5-6.5% interest, and surplus income from our schemes is used for community benefit such as supporting community buildings, local environmental groups and projects, and supporting events such as Eco Open Doors. You will also be contributing to low carbon energy production for our future. There are a range of investment options available.

For information about investing contact sueparkinson@phonecoop.coop or visit their website www.gwentenergycic.org

Important note: as with all investments, a return on your investment is not guaranteed, and you may not receive all of your capital back.

Gateway Credit Union Solar Loans

Gateway Credit Union, which serves Monmouthshire and Torfaen, is working with Gwent Energy CIC to enable more local people to benefit from solar PV (solar electric panels). Loans are offered for solar panels at 7.2% APR, repaid via the Feed in Tariff and a small monthly standing order over a five year period. A typical 12 panel system will cost around £600 deposit, plus £70 per month and the Feed in Tariff payments for 5 years. The loan can be repaid early without any penalty. Daytime electricity is free and the feed in tariff will continue to be paid for 20 years. In order to apply, you will need to join the Gateway Credit Union – open to anyone who lives or works in Torfaen or Monmouthshire (NP7, NP16 or NP25 post codes). You will also need to arrange a free survey of your home from Gwent Energy CIC to make sure that it is suitable. Visit the Gateway Credit Union website www.gatewaycu.co.uk for full details, terms and conditions.

Eco Open Doors around Monmouthshire

Approximate locations only. See website for directions www.monecoopendoors.org.uk



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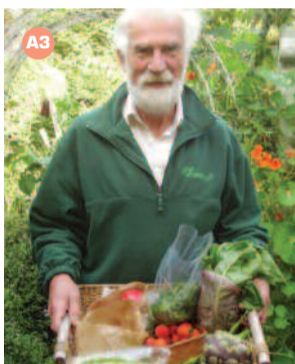
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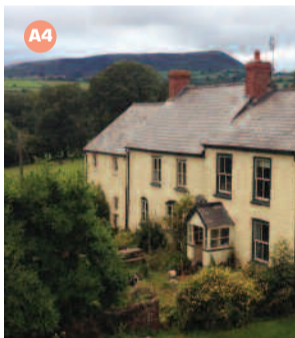
A1
Cefn Pendegar
 Old Monmouth Road, Abergavenny, NP7 8BU
Property description: Victorian stone cottage with air source heat pump central heating, solar hot water and solar PV panels. Recently cement render was replaced with new cork-impregnated exterior lime render which has greatly improved thermal insulation. Organic wildlife garden.
Open times: Saturday 12th September 10am - 1pm and 1.30 - 4pm



A2
Nant y Bedd
 Fforest Coal Pit, Abergavenny, NP7 7LY. www.nantybedd.com
Property description: Stone former Forestry house in the Black Mountains. Micro-hydro scheme to generate electricity, wood burning cooking and heating, solar hot water and sheeps wool loft insulation. Imaginative and productive organic garden with a natural swimming pond.
Open times: Saturday 12th September 10 am - 1 pm and 1.30 - 4 pm
 Opening for the National Gardens Scheme on Sunday 13th September from 11am to 5 pm, so visitors on that day would be expected to pay the £4 entry charge for adults (children free)
Installers present: TGV Hydro www.tgvhydro.co.uk



A3
Middle Ninfa Farm
 Llanellen, Abergavenny, NP7 9LE www.middleninfa.co.uk
Property description: 17th Century stone cottage on 23 acre upland smallholding. Solar hot water; solar PV panels and air source heat pump. Extensive vegetable garden, orchard, greenhouses, polytunnel and woodland all sustainably managed. Small campsite has composting toilets and a solar shower.
Open times: Sunday 13th September 10 am - 1 pm and 1.30 - 4 pm



A4
Pen-y-Wyrld Farm,
 Llanvetherine, Abergavenny, NP7 8RG
Property description: 16th Century stone farmhouse in 50 acres of organic pasture. 6kW wind turbine, solar PV panels and a new 35kW wood pellet boiler. The farm is managed sustainably, and includes woodland and wildlife areas. Gypsy caravan for rent with off grid eco cabin and wood fired sauna.
Open times: Saturday 12th September 1.30 - 4 pm



A5
Hendre Glyn Farm
 Upper Llanover, Abergavenny, NP7 9ER
Property description: 16th Century farmhouse has a 10kW hydro electric system. The farm also has 4 x 96kW biomass log boilers and 1 x 75kW boiler, which are used for heating and heat a kiln which dries timber for sale to the public.
Open times: Saturday 12th September 1.30 - 4 pm

CHEPSTOW & CALDICOT



C1
Tidenham Landshare
 Hanley Court, Tidenham, Chepstow NP16 7NA
Property description: Allotment style plots for food growing, including a community plot run by Transition Chepstow. Learn about composting, planting for wildlife and growing food without chemicals. Future plans include permaculture and selling produce in neighbouring farm shop.
Open times: Sunday 13th September 10 am - 1 pm and 1.30 - 4 pm



C2
Sedbury Solar Farm
 Sedbury Solar Farm, Sedbury, Chepstow, NP16 7EY
Property description: Visitors can see a recently completed 6 MW solar farm. The solar farm comprises of 28 acres with up to 19,782 ground mounted solar panels.
Open times: Sunday 13th September 1.30 - 4 pm
Installers present: Bee Green NRG www.beegreennrg.com



C3
Severn Area Rescue Association
 The Lifeboat Station, Beachley, Chepstow, NP10 9BH
Property Description: The SARA building has 4kW of solar PV panels, together with battery storage built into the roof to store electricity. Visitors will be able to have a guided tour of the lifeboats and mountain rescue equipment at the station.
Open times: Saturday 12th September 10 am - 1 pm and 1.30 - 4 pm Sunday 13th September 10 am - 1 pm and 1.30 - 4 pm



C4
Little Penarth Farm
 Llanishen, Chepstow, NP16 6QQ
Property Description: A 44kW log boiler provides heat and hot water to an office, workshop and farmhouse on this organic farm. The site also has a 10kW solar PV array, with a diverter installed to divert excess solar power into heating the domestic water supply.
Open times: Sunday 13th September 10 am - 1 pm
Installers present: FWT Ltd www.filterclean.co.uk

GROSMONT & SKENFRITH



G1
Hoaldalbert Cottage
 Grosmont, Nr Abergavenny, NP7 8HR
Property description: Old cottage with log burner and solar thermal panels connected to a thermal store. Logs are dried using round log stacks and a simple DIY solar kiln. Solar PV panels and a newly installed ground source heat pump.
Open times: Saturday 12th September 1.30 - 4 pm Sunday 13th September 1.30 - 4 pm
Installers present: FWT Ltd www.filterclean.co.uk



G2
Part y Seal
 Grosmont, NP7 8LE www.partyseal.co.uk
Property description: 16th Century stone country house in 11 acres, with large vegetable garden to grow produce for tea room and B&B. Solar PV panels and new woodchip biomass boiler to heat the house, water and coach house. Water from borehole.
Open times: Sunday 13th September 10 am - 1 pm and 1.30 - 4 pm



G3
Novalux Energy Solutions Ltd
 Blackbrook Estate, Skenfrith, NP7 8UB
Property description: The country estate house along with offices and greenhouse are heated by 2 x 60kw wood pellet boilers. An outbuilding also has a 10kW PV array.
Open times: Friday 11th September - by appointment only. Please ring Sandra on 01600 463008 to arrange a suitable time.
Installers present: Novalux Energy Solutions Ltd www.novaluxenergy.com



G4
Three Castles County Caravan Park
 The Bridge, Skenfrith, NP7 8UB www.threecastlescaravanpark.co.uk
Property description: A 40kW dual fuel (log and pellet) boiler has been installed to provide heat and hot water to the main house and workshop. Solar thermal panels heat water for the shower block.
Open times: By appointment only. Please ring Sandra on 01600 463008 by 5pm on Friday 11th September to arrange a suitable time over the weekend.



G5
Little Mill Farm
 Newcastle, Monmouth, NP25 5NF
Property description: 450 year old sandstone farmhouse with solar PV on barn roof, biomass wood pellet boiler for central heating, and a wood burning cooker for cooking and hot water. 30 acre organic smallholding with sheep, woodland and productive gardens.
Open times: Saturday 12th September 10 am - 1 pm & 1.30 - 4 pm Sunday 13th September 10 am - 1 pm & 1.30 - 4 pm

MONMOUTH



M1
Ingleside
 Lone Lane, Penallt, Monmouth, NP25 4AJ
Property Description: 19th century cottage, in 1.5 acres of very steep hillside. Biomass boiler with accumulator; wood fired cooker; woodworking workshop, firewood processor and wood converting sawbench to make beams and planks, charcoal kiln and a solar wood drying unit. Self built green oak barn with sheep wool insulation. Water from borehole and spring, solar PV and chickens.
Open times: Sunday 13th September 10 am - 1 pm and 1.30 - 4 pm



M2
Holmbrook,
 Llandogo, Monmouth, NP25 4TW
Property description: 2011 new build eco house constructed of Structural Insulated Panels with extra internal wall insulation. Mechanical ventilation with heat recovery, solar thermal panels and 12kW pellet stove with a thermal store for hot water and heating. Rainwater recycling, solar PV and an organic garden
Open times: Saturday 12th September 1.30 - 4 pm



M3
Pembridge House
 Welsh Newton, Monmouth, NP25 5RN
Property description: Detached country house and separate holiday let set in a beautiful garden. A 60kW pellet boiler has been installed to provide heating to both properties.
Open times: Sunday 13th September 1 - 3 pm



M4
The Royal Lodge Hotel
 Symonds Yat East, South Herefordshire, HR9 6JL www.royalhotel-symondsyat.com
Property description: 21 room Wye Valley hotel has installed two 99kW biomass pellet boilers to provide heat and hot water to guest rooms, restaurant and function room. Restaurant serves meals, light lunches and cream teas.
Open times: Sunday 13th September 1.30 - 4 pm

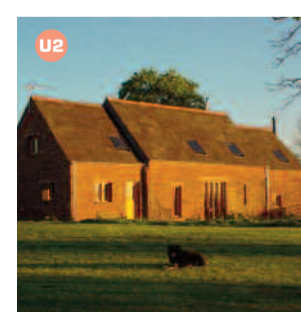


M5
Humble by Nature
 Upper Meend Farm, Penallt, Monmouth, NP25 4RP www.humblebynature.com
Property description: Working farm, rural skills centre, farm shop and café with adventure playground. Aquaponics Solar Greenhouse, opened July 2014, was built for sustainable food production. Passive solar greenhouse uses a combination of aquaculture (farming fish) and hydroponics to create a hugely productive farming system
Open times: Saturday 12th September 10 am - 4 pm. Sunday 13th September 10 am - 4 pm

USK AND AREA



U1
Llandedgfeidd Reservoir Visitor and Water Sports Centre
 New Inn, Pontypool, NP4 0TA
Property Description: Brand new buildings opened in April. Cedar cladding, thick insulation panels and underfloor heating supplied by air source heat pump. Displays on the water cycle and water treatment, walks around this Site of Special Scientific Interest, café and shop.
Open times: Saturday 12th September 8 am - 8 pm Sunday 13th September 8am - 8pm



U2
Ty Wilson Barn
 Llangwm, Usk, NP15 1LT www.clearveve.com
Property Description: Stone barn conversion, set in 2 acres of grassland with solar hot water; solar PV and a biomass boiler. The property owners also run an electric car.
Open times: Saturday 12th September 10.30 am - 12.30 pm Sunday 13th September 1.30pm - 4pm



U3
Allt y belia
 Llangwm, Usk, NP15 1EZ www.alltybelia.co.uk
Property Description: This Grade 2* medieval farmhouse has been restored from a state of disrepair. There is a 50kW log boiler, with hot water heat store, and a 35kW back up pellet boiler. Set in 2 acres of garden with kitchen gardens.
Open times: Sunday 13th September 10 am - 1 pm and 1.30 pm - 4 pm