



Energy Efficient Homes

Net Zero Carbon Toolkit Information Sheets

Sheet no 2: Preparing for Retrofit: Resources on your Doorstep

From simplest to more detailed

Measure your carbon footprint

(Free)

Use an on-line calculator to calculate your household's annual carbon emissions and identify ways of reducing them.

Stretton Climate Care offers a free home energy check within a 6-mile radius of Church Stretton, using the on-line calculator

www.carbonfootprint.com/calculator.aspx

Contact: enquiries@strettonclimatecare.org.uk

Other free on-line calculators are available, including the IMPACT Community carbon calculator which estimates the carbon footprint of a community such as a parish:

<https://impact-tool.org.uk>

Take a thermal image of your home

(Free)

See your greatest heat losses at a glance

Stretton Climate Care offers a free thermal imaging service within a 5-mile radius of Church Stretton.

Contact: enquiries@strettonclimatecare.org.uk

Energy Performance Certificate (EPC)

(from £34)

The official measure of energy efficiency

These measure the energy efficiency of your home (from 'A' to 'G'), and are now required for all houses when they are sold or let. They must be carried out by a qualified domestic energy assessor. They recommend improvements, but at present these do not include or incentivize switching to non fossil-fuel heating systems.

Contact: www.gov.uk/get-new-energy-certificate

Household Energy Survey (HES) (£12)

Questionnaire and expert report by Lightfoot

These are undertaken by Lightfoot's trained volunteers. The house must already have an EPC. The questionnaire takes about an hour and a half. Energy experts then write a report with recommendations, including low-cost options.

Contact: jeremy@lightfootenterprises.org



<https://southshropshireclimateaction.org>



Future Ready Homes

(Free to a limited number of homes)

Home energy survey and retrofit plan

This 2-year scheme aims to support homeowners on their retrofit journey, with advice, education and even some hands-on training.

Not every household which applies can be selected for a survey, because the scheme must include households in widely different kinds of property, tenure and circumstances. But educational resources such as online webinars are available to all.

To find out more apply for a free home energy assessment. Contact [Keep Shropshire Warm](#) by calling 0800 112 3743 or you can email advice@mea.org.uk

Report by Retrofit specialist

(£500-£1000)

Top of the range survey and recommendations

Retrofit specialists carry out thorough Energy Audits or EnerPhit Feasibility Reports on individual houses, including recommendations to achieve Net Zero Carbon in stages.

Contact:

- James Smith at J3 Building Futures, Shrewsbury
Email: james@j3buildingfutures.co.uk
- Gervase Mangwana at Waxwing Energy, Herefordshire.
Email: info@waxwingenergy.co.uk
- Anne Netherwood is a conservation architect based near Oswestry.
Website: <https://annenetherwood.co.uk>

Other sheets available in this series

1. Fabric First: Planning changes to your home?
2. **Preparing for Retrofit: Resources on your doorstep**
3. The Energy Pyramid: The Principle behind the Whole Building Plan
4. Opportunities to Begin the Journey
5. First Retrofit Priorities
6. Insulation: Roof & Attic
7. Insulation: Walls
8. Insulation: Windows & Ventilation
9. Insulation: Floors
10. Water Efficiency
11. Heating systems
12. Lighting
13. Renewables
14. Costs & Grants