

COOL IT!

Carbon Footprint – Buildings

22% of UK carbon emissions come from the home. The average house emits 2,745kg of carbon dioxide equivalent in a year. This has to be reduced to 138kg by 2050 if we are to reach zero a carbon economy. Heating accounts for 55% spend on energy bills.

270mm of loft insulation will save 1030kg of CO₂ per year for a detached house.

If your gas boiler is older than 10 years, consider replacing it with a condensing boiler. Have it serviced regularly & only heat the house when occupied.

Consider installing cavity wall insulation (if feasible). 1/3 of heat can be lost through the walls. Don't heat the whole house if you are only using one room

Lowering the thermostat by 1° C can save 10% of your fuel bill.

An insulation jacket round the hot water cylinder saves 150kg CO₂ per year.

Installing PV solar panels lets you generate over half your electricity.

LEDs use far less energy than low energy bulbs, let alone old-fashioned filament bulbs.

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Keep your building carbon footprint low

- Buy Green Energy.
- Top up your loft insulation to at least 270mm.
- Consider installing cavity wall insulation (if feasible).
- Fit a jacket round the hot water cylinder.
- If your gas boiler is older than 10 years, consider replacing it with a condensing boiler.
- Have your gas boiler serviced annually.
- Turn down (or off) heating when going out.
- Install PV solar panels and/or solar water heating.
- Fit LEDs throughout the house.
- Lower thermostat by 1°C.
- Hang thick curtains & fit thermal linings to prevent heat loss.
- Fit double glazing or secondary glazing.
- Draught-proof doors and chimneys.
- Only heat rooms you are using & keep doors closed between rooms.
- Dress appropriately – add a jersey to keep warm rather than increasing the heating.