

Best to measure and decide



We are all different so it is important for each of us to decide we can do and make sure we do it.
What we choose to do will depend on our circumstances.



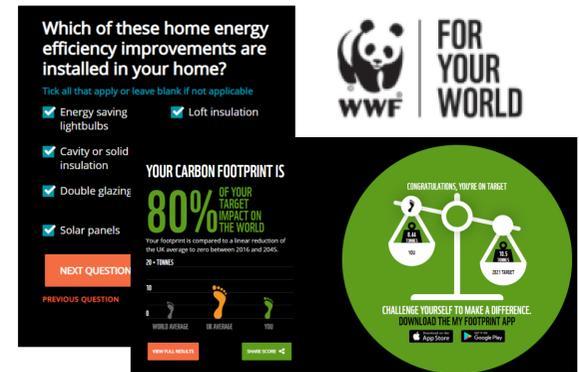
Ways of measuring your carbon footprint

WWF footprint calculator

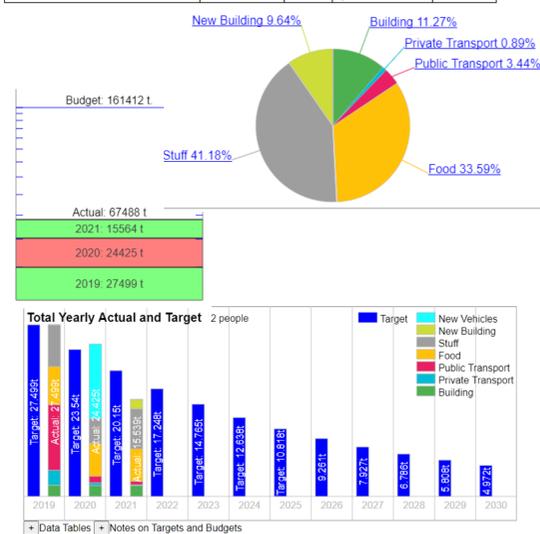


- Gives you an approximate idea of your footprint
- Asks a number of questions about our lifestyle to derive a footprint
- Not based on quantitative data
- Some choices aren't covered.

<https://footprint.wwf.org.uk/>



Energy Source	Enter Usage	Units	Annual CO ₂ kg.		
Electricity (grid only)	6000	kWh	1,729	Delete	1
Wood Logs	0.5	cubic m	24	Delete	2
Select an energy source				Delete	3
Totals			1,753		



ACT carbon footprint tracker

- More accurate uses measurements
- Enter your measured domestic and transport emissions based on meter readings and other measurements.
- Estimate your food emissions based on diet and expenditure
- Estimate your emissions from the stuff you buy based on expenditure
- Estimate the emissions from big events such as buying a car or house.

<https://actionclimateteignbridge.org/index.php/carbon-calculator/>



Making big decisions



Carbon payback

When you replace a car or appliance, or install an energy saving system, you can compare the total emissions from the new asset with its predecessor.

Example: A diesel car that does 35mpg is replaced with an electric one that does 3.5miles/kWh, but has embedded emissions of 12 tonnes of CO₂e. Emissions from the diesel car are 0.409kg/mile and from the EV are 0.082kg/mile. The saving in emissions per mile is 0.327kg/mile.

Divide the embedded emissions by the saving to get the carbon payback of 36697 miles.

Company and product certification

Companies are keen to appear to be green, some things they say will be greenwash. It is very difficult for the consumer to find out what embedded emissions are. Look for company certifications such as PAS2050, PAS2060, ILFI Zero Carbon, Carbon Neutral, Carbon Neutral Plus, Net Zero, Race to Zero



Carbon Neutral
PAS 2060



Investments

Find out how your **pension fund** is invested. If your provider doesn't already do so encourage them to invest in companies which have set a carbon reduction target.

SIPPs and **ISAs** are invested in funds that you have control over. Ensure that the companies your funds are invested in are targeting carbon reduction. Consider investing in new green industries.

Consider that stranded **fossil fuel** assets will eventually be **worthless**.

