

Climate Change and You

With changes to your lifestyle and using less energy you can:

- Save Energy and help tackle climate change
- &
- Help to leave our Planet for the future generation

What is climate change?

The Earth's climate has changed throughout its history caused by variations in the Earth's orbit.

However, we know the recent warming trend has not happened at the same rate in the past 1300 years.

Technological advances have allowed scientists to see the big picture via satellites and monitor global climate patterns over several years. This has revealed worrying evidence of the heat trapping nature of the waste gases produced from using fossil fuels.

Scientists believe the Earth's average temperature is increasing as a result of the human consumption of fossil fuels. This has led to variations in seasonal patterns; ice cap melting; floods; droughts and so on.

You can read more about climate change on several web sites, but these are two as reference:

[Climate.nasa.gov/evidence](https://climate.nasa.gov/evidence)

[Why-sci.com/climate change](https://why-sci.com/climate-change)

Understanding energy

- Why should we be concerned about our energy use in our homes? Because we are contributing to the overall global warming of our planet directly by using fossil fuels to heat our homes.
- We are buying more & more from abroad – so supplies can be cut off, or prices can increase suddenly – so the use of reusable energy and by insulating our homes contributes to reducing our dependence on fossil fuel at the same time reduces greenhouse gas emissions.
- We need to reduce our energy consumption and all waste by reuse and recycle in our everyday life.



Understanding Energy

- Our homes account for 27% of the UK's carbon emissions
- We can be more efficient in our use of energy which also means we save money on our fuel bills as we use less.
- Energy costs are going up every year and we are paying more towards our fuel bills
- Most of us buy energy from the 'Big Six'
- If one of the Big Six puts up prices, they all tend to.....
- So shop around find the best ethical deal



So Saving Energy both:



Saves Money and Saves the Planet

