

WHAT IS CLIMATE CHANGE?

Climate change measures changes in global patterns of weather, usually over 30 years or more.

This is different to a weather forecast which looks at hourly/daily measurements of temperature, rainfall etc.

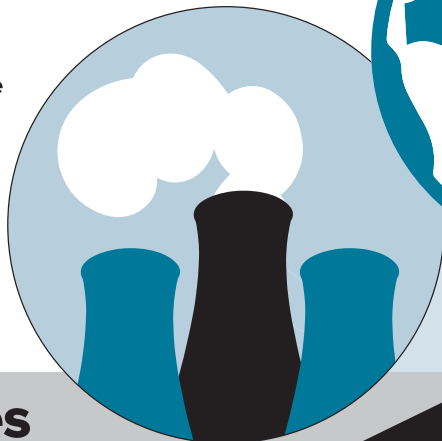


What causes it?

The amount of greenhouse gases in the atmosphere has increased because of

- burning fossil fuels
- intensive farming
- use of aerosols
- cement manufacturing

This is leading to increasingly fast heating of the earth's atmosphere.



What effect does it have?

- Over 5 million homes at risk of flooding
- Potential damage to buildings, transport and communication systems
- More heat related deaths



- More demand for health and social care
- Worse air quality
- More demand for cooling, increasing cost and carbon
- Risk to water supply

- **Glaciers are shrinking**
- **Ice is breaking up**
- **Sea levels are rising**
- **More frequent and intense storms**
- **Food production affected**
- **Climate migration**
- **Increase in droughts**



What can be done locally?

- ✓ Turn your thermostat down
- ✓ Draught-proof your house
- ✓ Fully insulate your home
- ✓ Reduce water usage
- ✓ Plan meals and reuse left overs
- ✓ Use a reusable shopping bag
- ✓ Try some plant based meals
- ✓ Buy local food
- ✓ Make your next car an electric vehicle
- ✓ Use your influence
- ✓ Help your residents understand climate change
- ✓ Develop a community garden and community seed bank
- ✓ Add solar panels to community buildings
- ✓ Collective energy switch to green energy provider (current energy crisis may hinder this) or consider your own community energy schemes.
- ✓ Encourage cycling and walking
- ✓ Set up community transport/car sharing club



How can our community be more resilient?

