

Climate Change

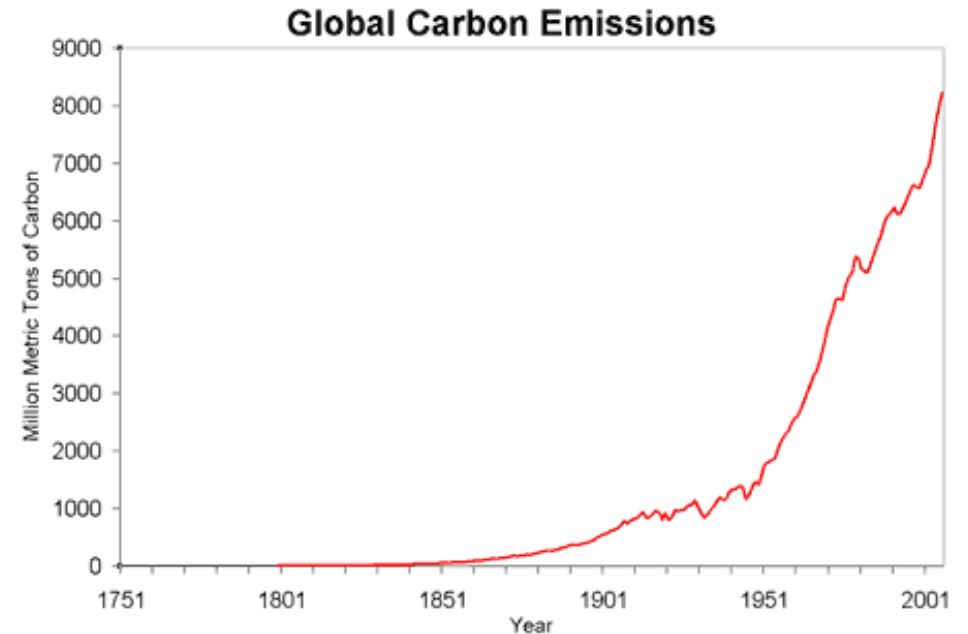
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Global Climate Emergency

- Since the industrial revolution there has been an increase in greenhouse gas emissions.
- Activities such as burning fossil fuels, producing food, deforestation, landfilling waste have contributed to this.
- Since 1880 global average temperatures have increased by 0.8°C
- 14 of the 15 hottest years on record have occurred since 2000



Our Footprint

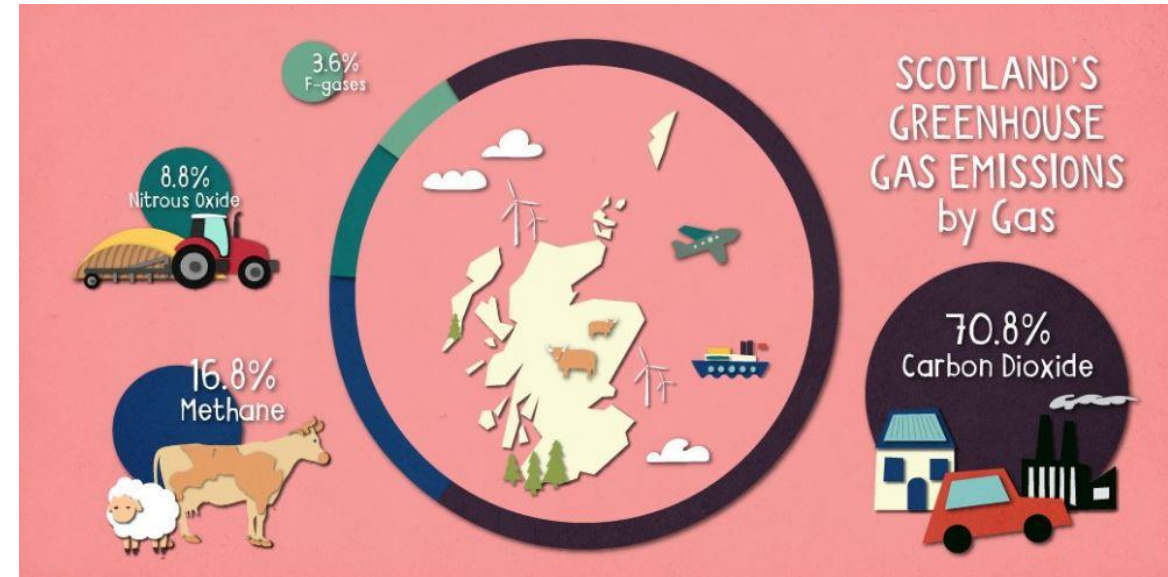
In Scotland, each of us create over 10 tonnes of greenhouse gases every year:

- Housing 32%
- Transport 30%
- Food 17%
- Stuff 21%



A policy priority

- Climate Change (Scotland) Act 2009
- Reduce emissions to 80% of baseline by 2050
- Interim target reduce emission to 42% by 2020
- Baseline taken from 1990 & 1995 emission figures



An emergency response

- Climate Change (Scotland) Bill 2019
- 70% reduction in emissions by 2030
- 90% reduction in emissions by 2040
- Net zero emissions by 2045



Climate Change Impacts

- Extreme Weather Events
 - Damaging stormy weather
 - Heatwaves
 - Heavier than usual rain fall
 - Flooding
 - Water Supply
- Risk to coastal communities
- Security and efficiency of energy supply
- Food growing and supply



Tackling climate change in your community

- Increased renewable generation
- Decarbonisation of heat
- Increasing biodiversity
- Energy efficient travel



Energy in transition

- Aim's to help 1000 Western Isle's householders reduce their energy usage by 5%
- Roadshow of events to reach every corner of the Western Isles
- Lead to a huge reduction of energy usage and carbon emissions in the Western Isles

