

Climate Change

How We Can Help



Community of Christ

Climate Change - How Everyone Can Help

Why should we act now?

The environment is God's gift to everyone. As we uphold the sacredness of creation and the worth of all persons we cannot think of ourselves as isolated from others or from creation. Our impact on the planet is reducing biodiversity, changing the climate, and polluting the earth. Around the world, climate change is affecting food security, creating social vulnerability, and disrupting peace and security. There is no doubt we need to act - but there is good news - almost every action we take will have a positive impact:

- Cutting down air pollution will improve health
- Saving energy saves you money
- Eating less meat and more vegetables is good for you
- Buying fairtrade means better deals for farmers

Big or small, your actions come with practical paybacks. Here are some things we can do now and some we can do in the near future to reduce our carbon footprint.



Things To Consider That Will Reduce our Carbon Footprint

Bigger Changes = Bigger Impact

CO₂e savings
per year
(metric tonnes)

- | | |
|---|------|
| 1. Living without a car and walk or cycle instead | 2.04 |
| 2. Changing your car or one of your cars for an electric vehicle | 1.96 |
| 3. Not flying - one less long-haul flight a year | 1.68 |
| 4. Switching your electricity to a renewable energy tariff | 1.60 |
| 5. Living without a car and using public transport instead | 0.98 |
| 6. Fully insulating your home | 0.90 |
| 7. Going vegan | 0.80 |
| 8. Converting gas or oil heating to an electric heat pump | 0.80 |
| 9. Going pescatarian (vegetarian plus fish) | 0.70 |
| 10. Fitting a smart meter and reviewing your energy usage could save energy | |

Smaller Changes = Smaller Impact

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|--|------|
| 1. Turning heating down by 1 degree and wearing an extra layer | 0.32 |
| 2. Converting your house to LED bulbs (<i>10 bulb changes saves</i>) | 0.27 |
| 3. Giving up your tumble dryer | 0.16 |
| 4. Giving up one meat meal a week | 0.10 |
| 5. Increasing your loft insulation from 120mm to 270mm | 0.10 |
| 6. Reducing your shower time from 8 mins to 6 mins | 0.08 |
| 7. Using your dishwasher on a short wash rather than handwashing | 0.05 |
| 8. Filling your kettle to one or two cups rather than half full | 0.03 |
| 9. Washing your clothes at 30 degrees rather than 40 degrees | 0.02 |
| 10. Washing and recycling your dry waste | 0.01 |



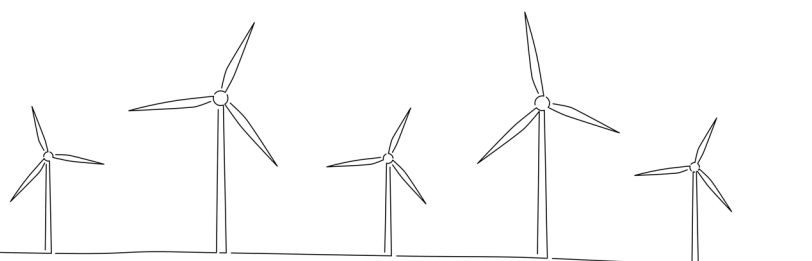
In addition to these direct changes and impacts we can make a difference by completing petitions, writing to our MPs, our government and to companies and organisations asking them to do all they can to reduce their carbon footprint.

Things Congregations And Groups Can Consider To Reduce Their Carbon Footprint

1. Calculating your carbon footprint and consider the environmental impact of all events, travel and worship
2. Changing electricity supplier or contract to a renewable tariff
3. Converting all lighting to LED
4. Converting gas and oil heating to electric
5. Having an electric vehicle (EV) charge point installed to encourage EV use
6. Insulating walls, windows and roof spaces
7. Encouraging zoom calls for meetings and worship
8. Washing and recycling your waste
9. Offering fairtrade, vegetarian and vegan food
10. Changing bank accounts and investments away from fossil fuel funds

Things The Mission Centre Can Consider Doing To Reduce Its Carbon Footprint

1. Calculating your carbon footprint and consider the environmental impact of all events, travel and worship
2. Reducing the number of international and national flights
3. Changing all cars to electric only
4. Installing electric vehicle charge points at the Mission Centre office and Dunfield
5. Providing grants for carbon reducing works like heating, insulation and EV charge points
6. Climate change when reviewing policies and strategies
7. Encouraging leaders to use online meetings
8. Providing carbon reducing guidance/resources to help congregations/groups
9. Showing active support for organisations that peacefully raise awareness of global warming and climate change
10. Changing bank accounts and investments away from fossil fuel funds



Supporting Information

- Climate change is one of the world's most pressing challenges. Human emissions of greenhouse gases – carbon dioxide, nitrous oxide, methane and others – have increased global temperatures by around 1°C since pre-industrial times.
- A changing climate has a range of potential ecological, physical and health impacts, including extreme weather events (such as floods, droughts, storms, and heatwaves); sea-level rise; altered crop growth and disrupted water systems resulting in mass migration.
- To mitigate climate change, UN member parties have set a target, in the Paris Agreement, of limiting average warming to 2°C above pre-industrial temperatures.
- To hold or reduce global temperatures everyone needs to reduce their emissions of carbon dioxide and other greenhouse gases.
- Carbon dioxide is released into the atmosphere when fossil fuels are burned. Reducing our reliance of fossil fuels like oil, gas, coal including petrol, diesel, aviation fuel, heating oils and other fuels will help to reduce greenhouse gas emissions and reduce the rate of climate change.
- Transport is 28% of our carbon footprint with energy supply 23% and food production 25%.
- One of the best ways to reduce fossil fuel use is to convert to electricity generated by renewable sources like wind, solar and water. Try companies like Octopus, Bulb, Ecotricity and Green Star Energy.
- Currently we in the UK have an average carbon footprint of 9.66 metric tonnes per person per year (CO₂e).



What will you do?



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