



CLIMATE CHANGE

Climate change is caused by an increase of greenhouse gasses, such as carbon dioxide and methane, which trap excess heat inside the earth's atmosphere.

The current planet-wide warming trend is, without a doubt, the result of humanity's burning of fossil fuels. This trend is proceeding at a rate that has not been seen over millennia (International Panel on Climate Change report www.ipcc.ch/report).

WHAT CAUSES GREENHOUSE GASSES

Transportation

Gasoline-powered engines from cars, trucks, and SUVs



Electricity

Burning coal, gas, and oil to create electricity to power homes and businesses



Consumer Goods

Energy is used throughout the whole life-cycle of a product, from creation to transportation to disposal



Agricultural

Energy used in the production, storage, processing, packaging, and preparation of foods, and methane releases from cows and other livestock



POTENTIAL IMPACTS TO YOU

- More frequent heat waves can be caused by rising global average temperatures
- Greater wildfire risks are associated with hotter, drier conditions
- Increased risk of drought from smaller mountain snow packs and higher temperatures
- Increase in intensity and frequency of severe storms and flooding

WHAT CAN YOU DO?



- Cycling, public transit and ridesharing are great alternatives to driving solo
- Use renewable energy to reduce your energy use and bills
- Respect and protect green spaces. Plant trees
- Cut consumption and reduce waste
- Consider eating less meat and dairy