

How Does Renewable Energy Reduce Climate Change?

THE PROBLEM ADDRESSED BY RENEWABLE ENERGY

The use of energy for things like electricity generation and transportation makes up 75% of global greenhouse gas emissions. Fossil fuels like oil and natural gas supply 83% of the global energy demand. It is fossil fuel emissions that are the main cause of global warming.

WHAT IS RENEWABLE ENERGY?

Renewable energy includes sources like solar and wind—sources that do not emit greenhouse gases and are fully capable of meeting global energy needs.

WHY RENEWABLE ENERGY?

By replacing fossil fuels with renewable energy sources, we decarbonize our energy systems (including electrical grids) and eliminate greenhouse gas emissions.

WHAT CAN WE DO?

1. Electrify homes and vehicles.
2. Install solar panels or, if that is not possible, sign up for green energy programs with utility companies.
3. Support renewable energy projects locally.
4. Support local climate action plans.
5. Support renewable energy legislation and fossil fuel regulations at all levels of government like the Virginia Clean Economy Act of 2020.

TO LEARN MORE



SCAN ME

bit.ly/climate-change-short-guides