



Renewable energy sources, such as wind and solar, emit little to no greenhouse gases, are readily available and in most cases cheaper than coal, oil or gas.

## Renewable energy – powering a safer future

Energy is at the heart of the climate challenge – and key to the solution.

A large chunk of the greenhouse gases that blanket the Earth and trap the sun's heat are generated through energy production, by burning fossil fuels to generate electricity and heat.

Fossil fuels, such as coal, oil and gas, are by far the largest contributor to global climate change, accounting for over 75 percent of global greenhouse gas emissions and nearly 90 percent of all carbon dioxide emissions.

The science is clear: to avoid the worst impacts of climate change, emissions need to be reduced by almost half by 2030 and reach net-zero by 2050.

To achieve this, we need to end our reliance on fossil fuels and invest in alternative sources of energy that are clean, accessible, affordable, sustainable, and reliable.

Renewable energy sources – which are available in abundance all around us, provided by the sun, wind, water, waste, and heat from the Earth – are replenished by nature and emit little to no greenhouse gases or pollutants into the air.



### COP28: Climate action can't wait

This year's UN climate change conference, COP28, is a pivotal opportunity to correct course and accelerate action to tackle the climate crisis. [Read more.](#)

# Renewable Energy Sources

Norway, Uruguay, Brazil, Argentina

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Utilising Renewable

Renewable energy

Eco-friendly cooling

Reducing CO2 Emissio

7 AFFORDABLE AND  
CLEAN ENERGY



13 CLIMATE  
ACTION

