

Climate change

The long-term alteration of the Earth's weather patterns



The causes

Climate change is caused by **global warming**.

Human activities emit excessive amounts of greenhouse gases that trap heat in our atmosphere.



And what causes global warming?



Massive use of fossil fuels



Deforestation



Population growth



Destruction of marine ecosystems

The consequences



Melting of glaciers and polar ice caps

—————> **Sea level rise**

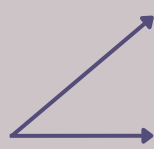


Impact on crop productivity

—————> **Impact on food security**



Increase in extreme weather events



Severe storms, wildfires, heatwaves

Heat-related deaths, respiratory problems and the spread of infectious diseases

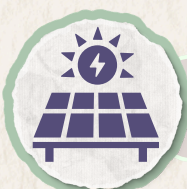
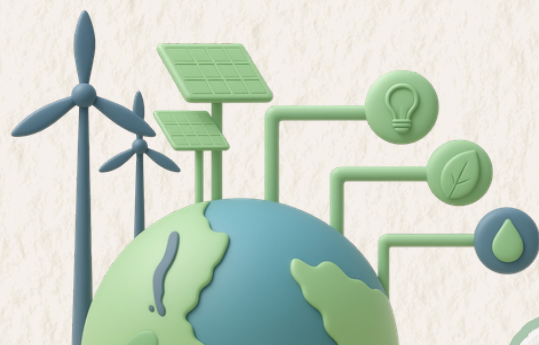


Shortages of basic resources, uninhabitable areas

—————> **Climate-induced migration**

The solutions

How can we tackle this?



Renewable energy

Changes to the economy and consumer habits



Protection of ecosystems

Political will and international cooperation

