Climate Change





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WHAT IS CLIMATE CHANGE?



Climate change is one of the most urgent and complex issues we face today. It refers to long-term changes in global climate patterns, primarily caused by human activities. These changes are already affecting our environment, economies, and daily lives.





Main Causes



The main causes of climate change are linked to the emission of greenhouse gases, such as CO2, methane, and nitrous oxide, which trap heat in the atmosphere. These gases mainly come from the burning of fossil fuels like oil, gas, and coal, used for energy, transportation, and industry. Deforestation also plays a role, as forests, which normally absorb CO2, are being cut down to make way for agriculture and urban development.



CONSEQUENCES

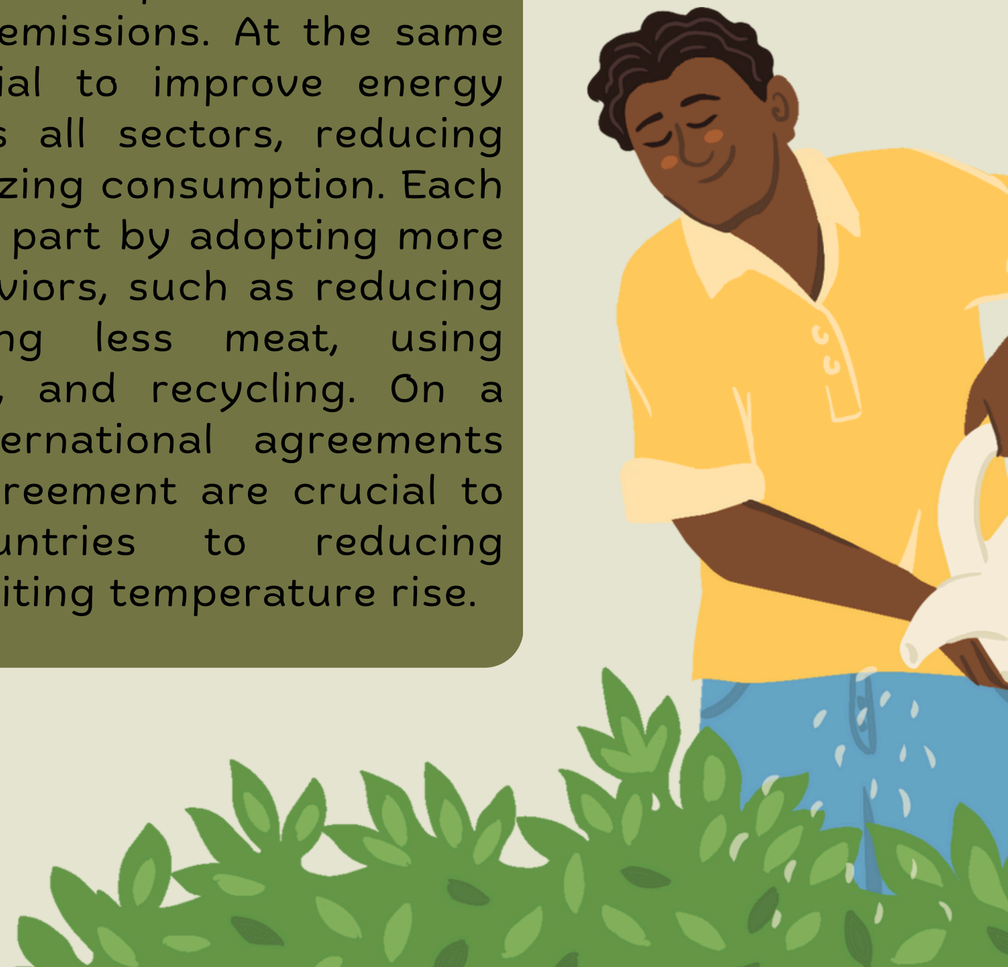


The consequences of these changes are serious and visible. Global temperatures are rising, causing more frequent and harmful heatwaves. We are also witnessing extreme weather events such as hurricanes, droughts, floods, and wildfires, which are becoming increasingly intense. Additionally, global warming is causing glaciers to melt and sea levels to rise, threatening coastal areas. And we cannot forget the impact on biodiversity, with many species struggling to survive or disappearing due to changes in their natural habitats.

SOLUTION



However, there are solutions to address climate change. First, we need to transition to renewable energy sources, such as solar and wind power, to reduce greenhouse gas emissions. At the same time, it's essential to improve energy efficiency across all sectors, reducing waste and optimizing consumption. Each of us can do our part by adopting more sustainable behaviors, such as reducing waste, consuming less meat, using public transport, and recycling. On a global level, international agreements like the Paris Agreement are crucial to committing countries to reducing emissions and limiting temperature rise.



WHAT WE CAN DO

Each of us has a role to play. Informing ourselves and raising awareness is an important first step. Moreover, we can change our daily habits: choosing to consume responsibly, reducing food waste, preferring environmentally-friendly products, and supporting public policies that promote sustainability.



CONCLUSION

In conclusion, climate change is a challenge we cannot ignore. But the good news is that we can still do something to limit the damage. It’s crucial to act now, with technological solutions, global policies, and changes in our behaviors. If we all do our part, we can truly make a difference.



VOCABULARY



DROUGHT
FLOODING
BIODIVERSITY
GLOBAL WARMING
GREEN HOUSE EFFECT
DECARBONISATION
SOLAR ENERGY
POLLUTION
OZONE



Thank You