



Highlighting that renewable energy technologies such as wind and solar are readily available and in most cases, cheaper than coal and other fossil fuels, the UN chief proposed five critical



Derived from natural resources that are abundant and continuously replenished, renewable energy is key to a safer, cleaner, and sustainable world. Explore common sources of renewable energy



Renewable energy, together with energy efficiency, form the cornerstone of the world's mitigation strategy. They represent a safe, reliable, affordable and immediately deployable pathway to a low-carbon future.

HOW DOES RENEWABLE ENERGY HELP CLIMATE CHANGE



Using more renewable energy can lower the prices of and demand for natural gas and coal by increasing competition and diversifying our energy supplies. And an increased reliance on renewable energy can help protect consumers when fossil fuel prices spike.



Overall, researchers have found that 40% of wind energy production could be lost in some regions due to climate change impacts. Hydropower. Hydropower, which produces 5.7% of electricity in the U.S, and 44% of all global renewable energy (the largest renewable source) is susceptible to heat and drought.



Renewable energy sources have many advantages. Crucially, they reduce greenhouse gas emissions and help mitigate climate change, but they also promote energy independence, and create jobs. They also contribute to a more sustainable and resilient energy system.