



# Renewable source of energy is

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Renewable energy is energy that is generated from natural processes that are continuously replenished. This includes sunlight, geothermal heat, wind, tides, water, and various forms of biomass. This energy cannot be exhausted and is constantly renewed.

Alternative energy is a term used for an energy source that is an alternative to using fossil fuels. Generally, it indicates energies that are non-traditional and have low environmental impact. The term alternative is used to contrast with fossil fuels according to some sources. By most definitions alternative energy doesn't harm the environment, a distinction which separates it from renewable energy which may or may not have significant environmental impact.

Biomass, is a renewable organic matter, and can include biological material derived from living, or recently living organisms, such as wood, waste, and alcohol fuels.

Wood energy is derived both from harvested wood as a fuel and from wood waste products. Waste energy can be generated from municipal waste, manufacturing waste, and landfill gas. Biomass alcohol fuel, or ethanol, is derived almost exclusively from corn.

Biodiesel is fuel made from plant oils that can be used in diesel engines. They are typically made of renewable organic raw materials such as soybean or rapeseed oils, animal fats, waste vegetable oils or microalgae oils.

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 here.

Nationally Determined Contributions, or NDCs, are national climate action plans by each country under the Paris Agreement. A country's NDC outlines how it plans to reduce greenhouse gas emissions to help meet the global goal of limiting temperature rise to 1.5C and adapt to the impacts of climate change. The Paris Agreement requires that NDCs are updated every five years with increasingly higher ambition, taking into consideration each country's capacity.

Some of the world's poorest countries spend more on debt repayments than on health, education and infrastructure combined, severely hampering their chances of developing their economies. At the Summit of the Future, reducing inequality and improving people's lives by overhauling the entire international financial system will be high on the agenda.

Can AI governance be harnessed to combat climate change? Read about emerging global policies and their potential for climate action in this piece by the United Nations University.



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