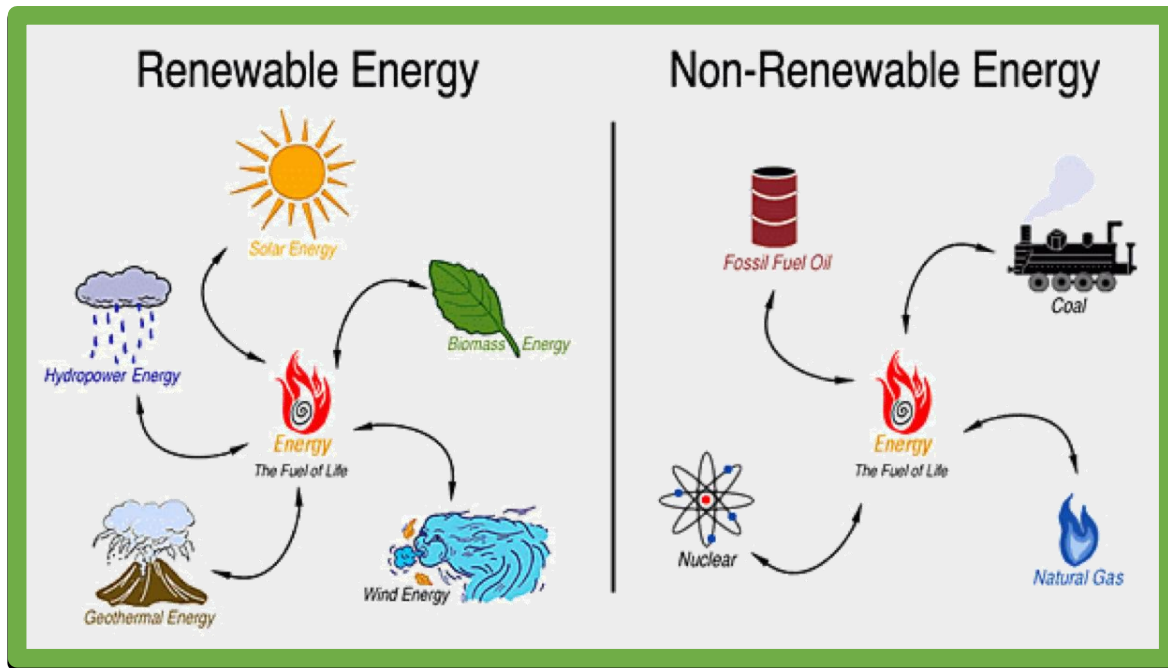


What is a renewable energy?

"A renewable energy is produced using natural resources that are constantly replaced and never run out"

Energy exists freely in nature. Some of them exist infinitely (*never run out*) → **RENEWABLE**

Others have limited resources (*took millions of years to form and will run out one day*) → **NON-RENEWABLE**



Renewable energy resources are always available to be exploited and will not run out. This is why some people call it **Green Energy**.

When can energy be called "Renewable"?

- When its source cannot run out (*like the sun*) or can be easily be replaced (*like wood*)
- When their sources are carbon neutral: No Carbon compounds (*such as other greenhouse gases*)
- When they do not pollute the environment (*air, land or water*)

😊 Just as there are many natural sources of energy, there are **many renewable energy technologies**. Solar is one of the most well-known, wind power is one of the most widespread, and hydropower is one of the oldest.

😊 Renewable energy can be converted to electricity ... (See Solar Energy)