

## > Renewable Energy

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Renewable Energy is the energy obtained from virtually inexhaustible natural sources, either due to the immense amount of energy they contain, or because they are capable of being regenerated by natural means. They are a clean and inexhaustible source of energy, which is why they are very important both for the environment and for the sustained development of the planet. Renewable energies are considered the future of energy and, in fact, they are already very present today. Every day it is more urgent to commit to green, ecological or environmentally friendly energies that allow us to reduce the impact of climate change, which we have accelerated through our activities, among which the extraction and use of non-renewable energies stand out. They are sources of clean, inexhaustible and increasingly competitive energy. They differ from fossil fuels mainly in their diversity, abundance and potential for use anywhere on the planet, but above all in that they do not produce greenhouse gases - which cause climate change - or polluting emissions.

**Renewable Energy Sources.** They are those energy sources that have their origin in clean, inexhaustible resources that are generated naturally, such as hydraulic, solar or wind energy, these are based on the use of the sun, wind, water or plant biomass. or animal. They are characterized by not using fossil fuels, as happens with conventional energies, but rather resources capable of being renewed unlimitedly. Their environmental impact is of lesser magnitude and they do not generate pollutants).



### Advantages:

**Environmentally Friendly:** When used they do not produce emissions of CO<sub>2</sub> or other harmful gases.

**They Are Unlimited Energies:** They do not run out, we can always resort to them to continue producing energy, without fear of their natural resources running out.

**They Are Safer:** They are much safer, since they do not generate waste during their operation and do not generate polluting emissions harmful to health.

**Facilitates Autonomy:** With these, external dependence is reduced, production from the natural resources of the area boosts the economy of each region, stimulates economic independence and even self-consumption.

**Create Jobs:** They can generate many more jobs than conventional energies.

Renewable energies face great challenges. Therefore, generating environmental awareness is essential to be able to bet on this type of energy. At Nakasawa Mining & Energy, we are contributing directly to leveraging the production and use of this type of energy.