

ENERGY

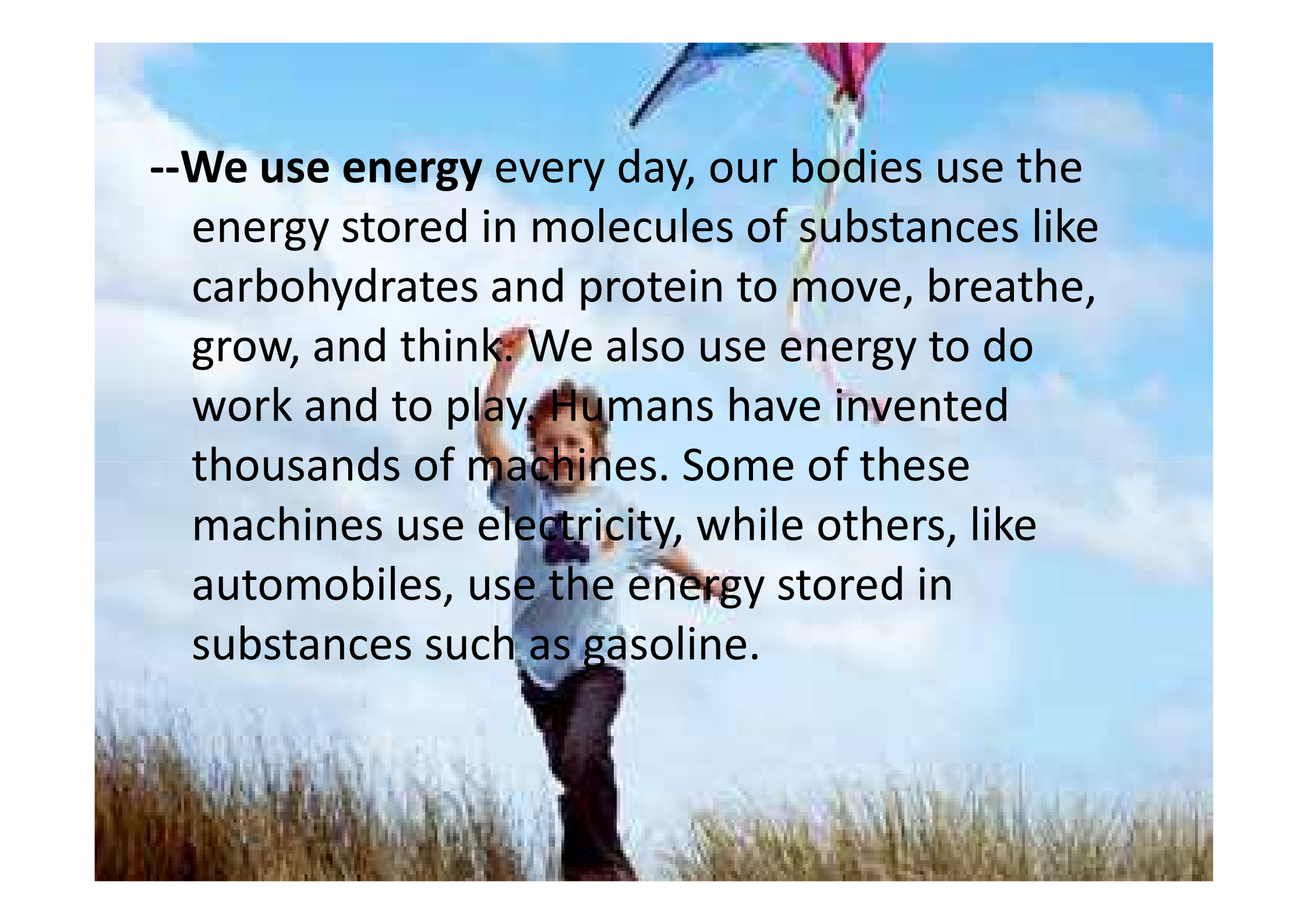


A tall, lattice-structured transmission tower stands on the left side of the slide, extending from the bottom to the top. The background is a gradient of warm colors, from dark red at the bottom to bright yellow at the top, suggesting a sunset or sunrise. The tower is silhouetted against this background.

Introduction

-- We are going to talk about non-renewable energies and renewable energies. We are a **perfect group** so we are going to try to give you some information about all energies and their use.

Invisible but omnipresent, energy impregnates the physical world and operates necessarily always something that happens on a different guise, is the fluid flow which feeds the whole phenomenon and operate all the action.

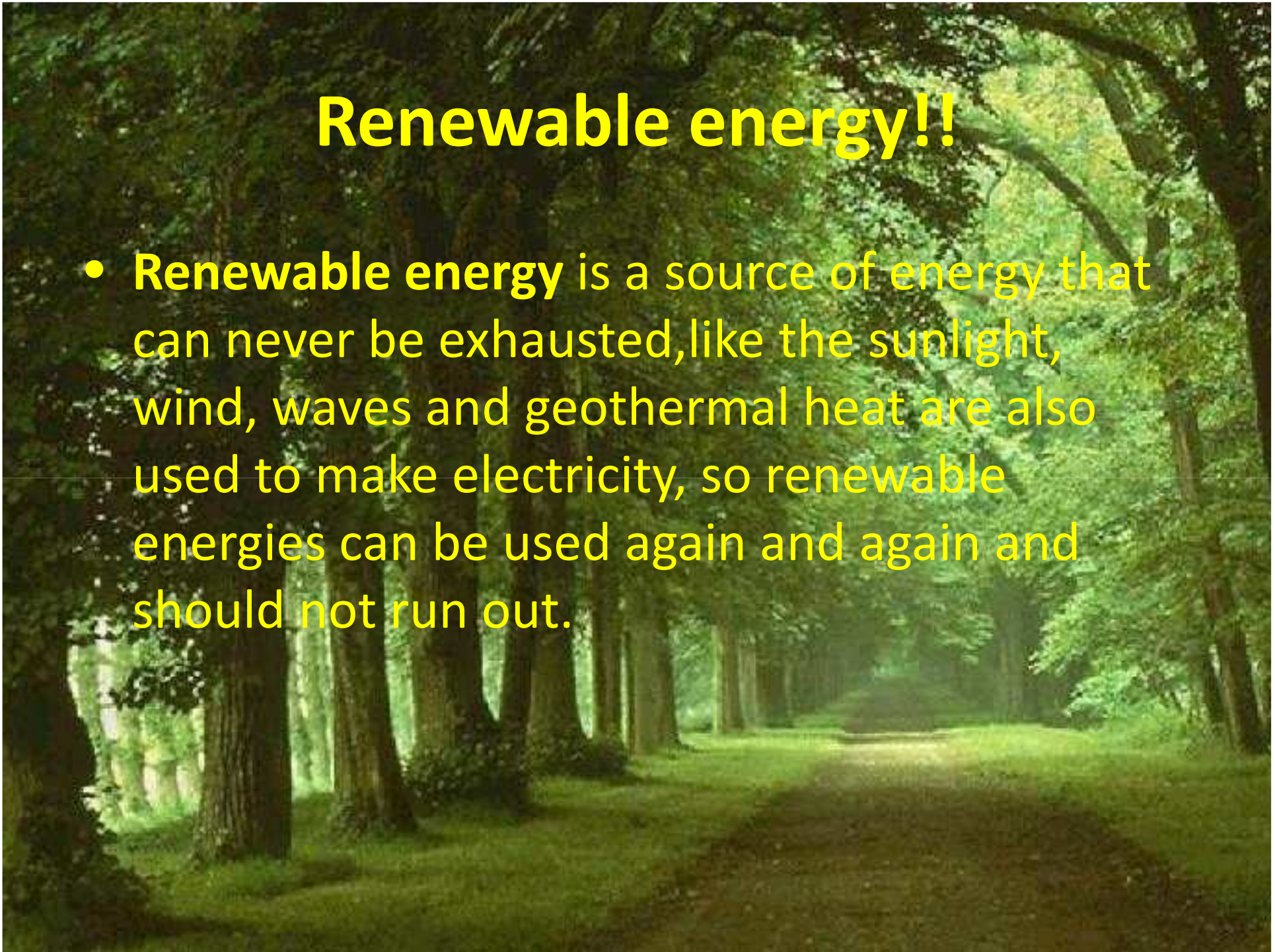
A child in a light blue shirt and dark pants stands in a field of tall grass, holding a string attached to a colorful kite flying in a blue sky with light clouds. The child is looking up at the kite.

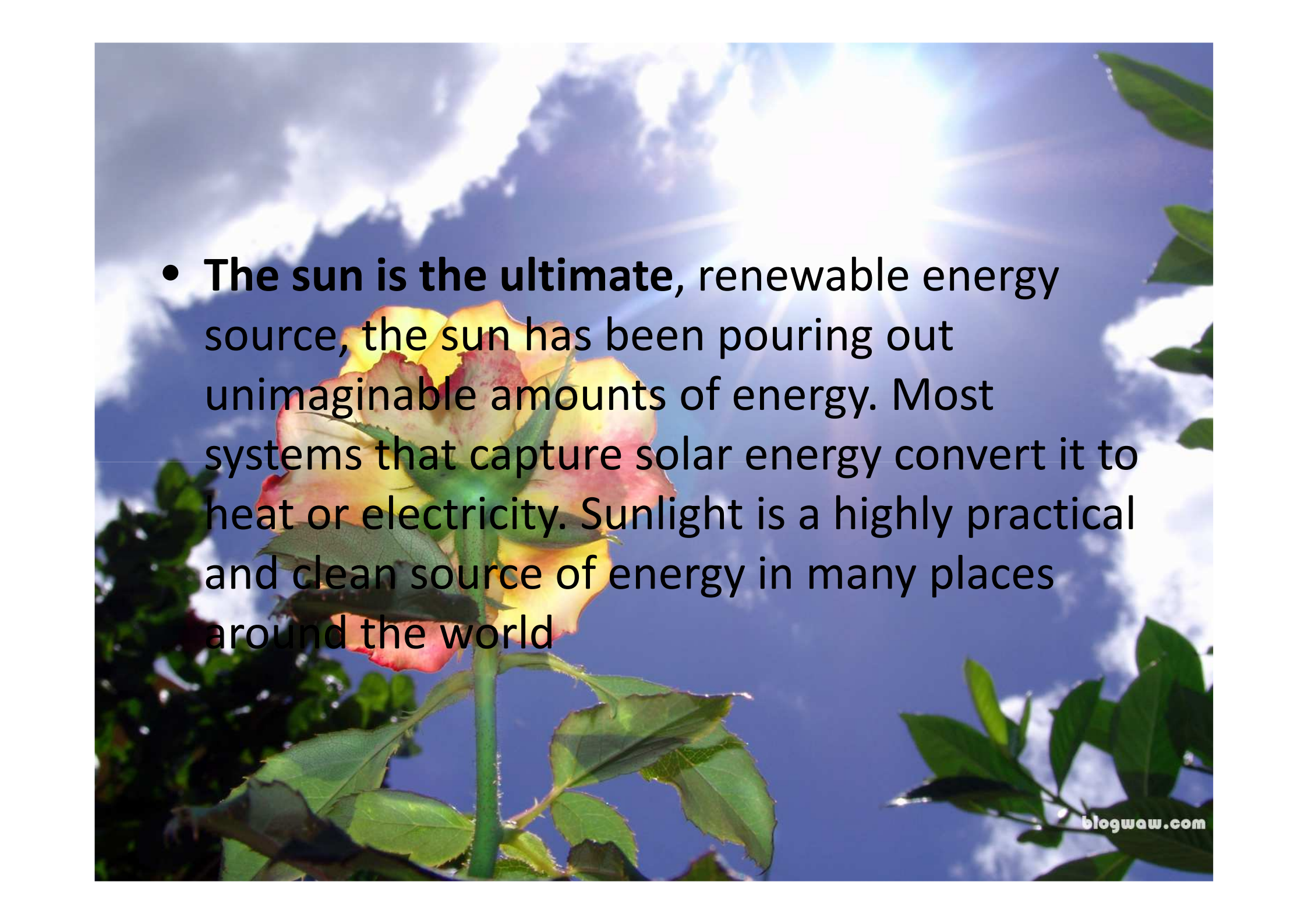
--**We use energy** every day, our bodies use the energy stored in molecules of substances like carbohydrates and protein to move, breathe, grow, and think. We also use energy to do work and to play. Humans have invented thousands of machines. Some of these machines use electricity, while others, like automobiles, use the energy stored in substances such as gasoline.

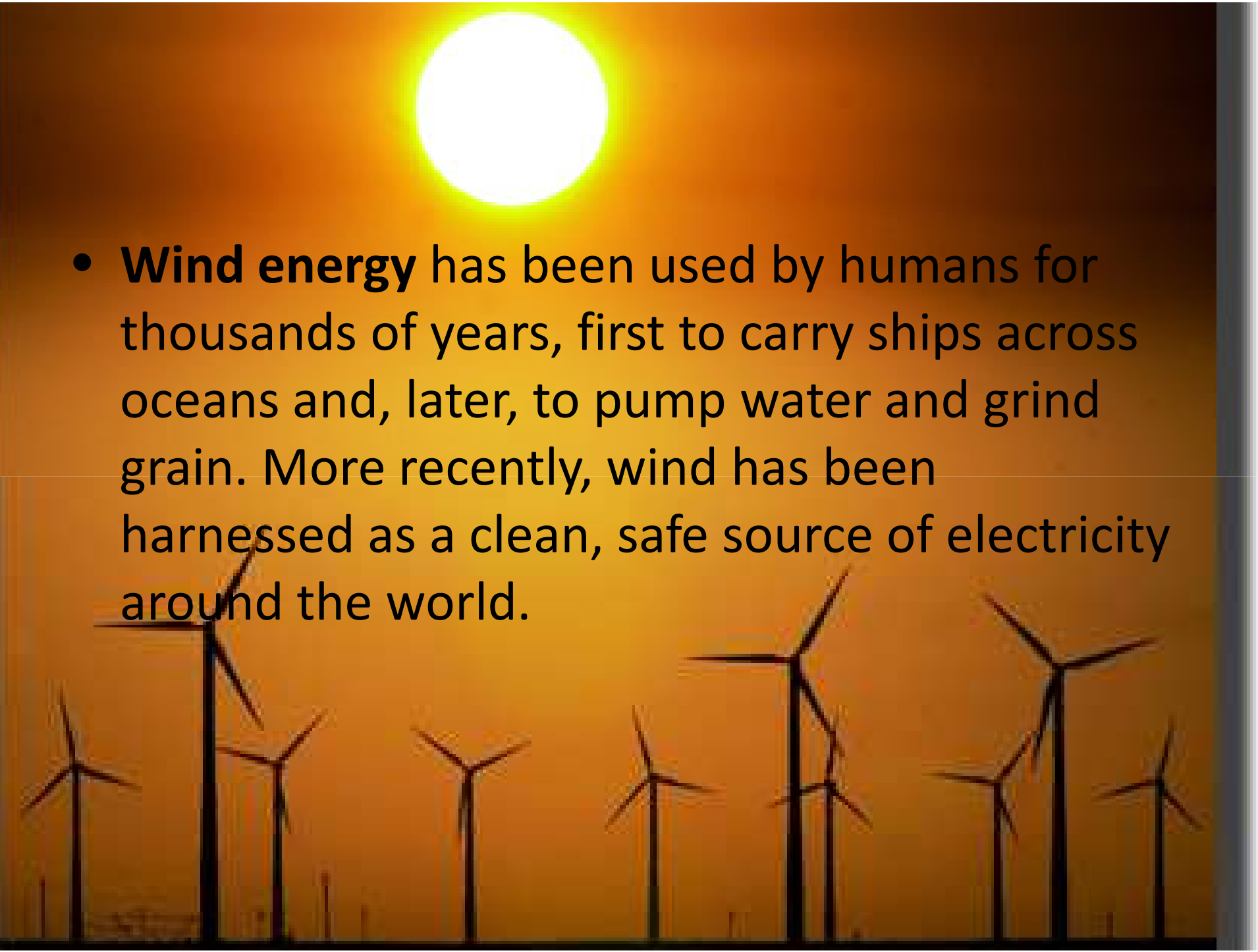
- CAN YOU TELL WHICH ENERGY SOURCES ARE RENEWABLE OR NON-RENEWABLE?

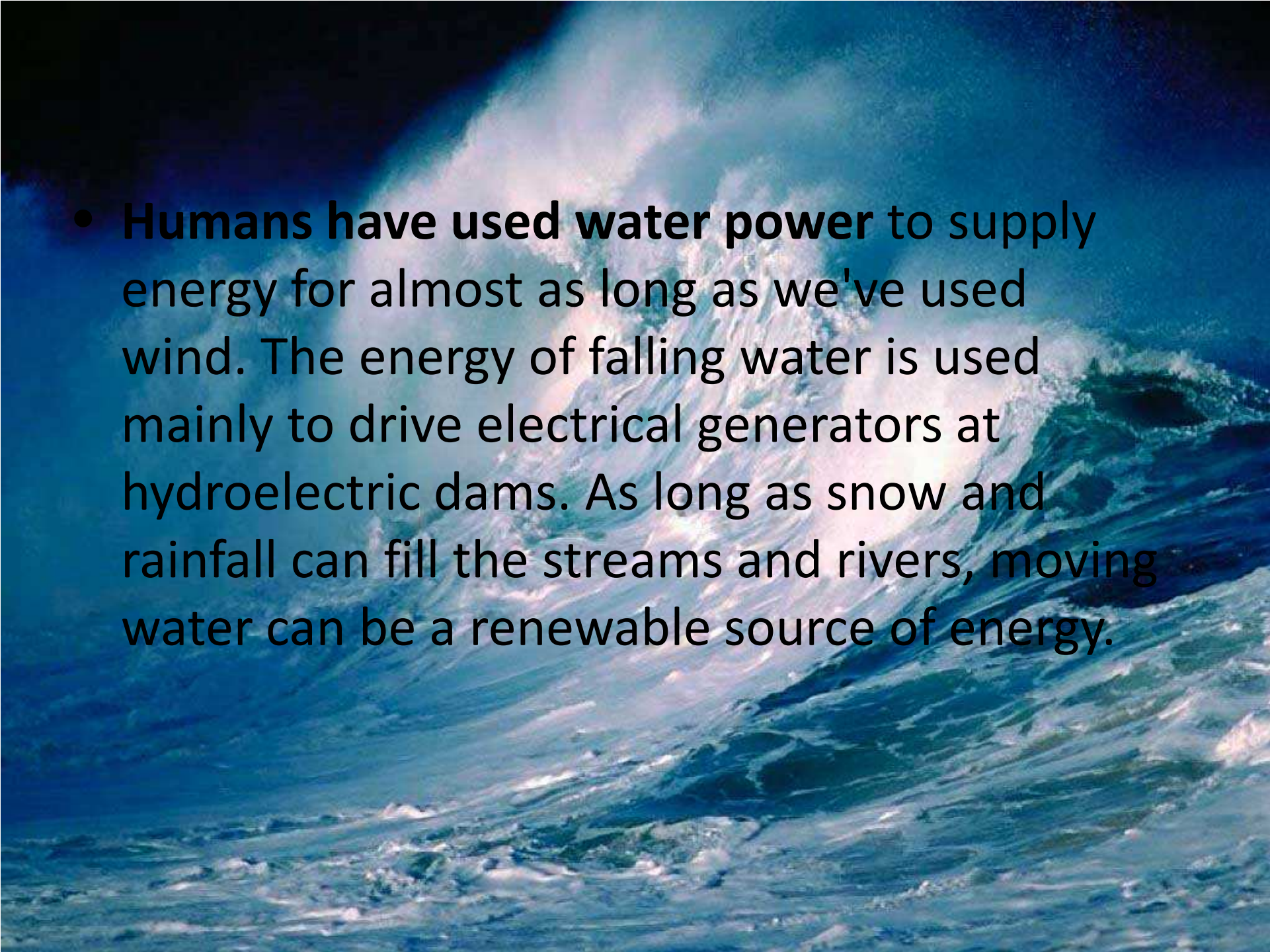
Renewable energy!!

- **Renewable energy** is a source of energy that can never be exhausted, like the sunlight, wind, waves and geothermal heat are also used to make electricity, so renewable energies can be used again and again and should not run out.

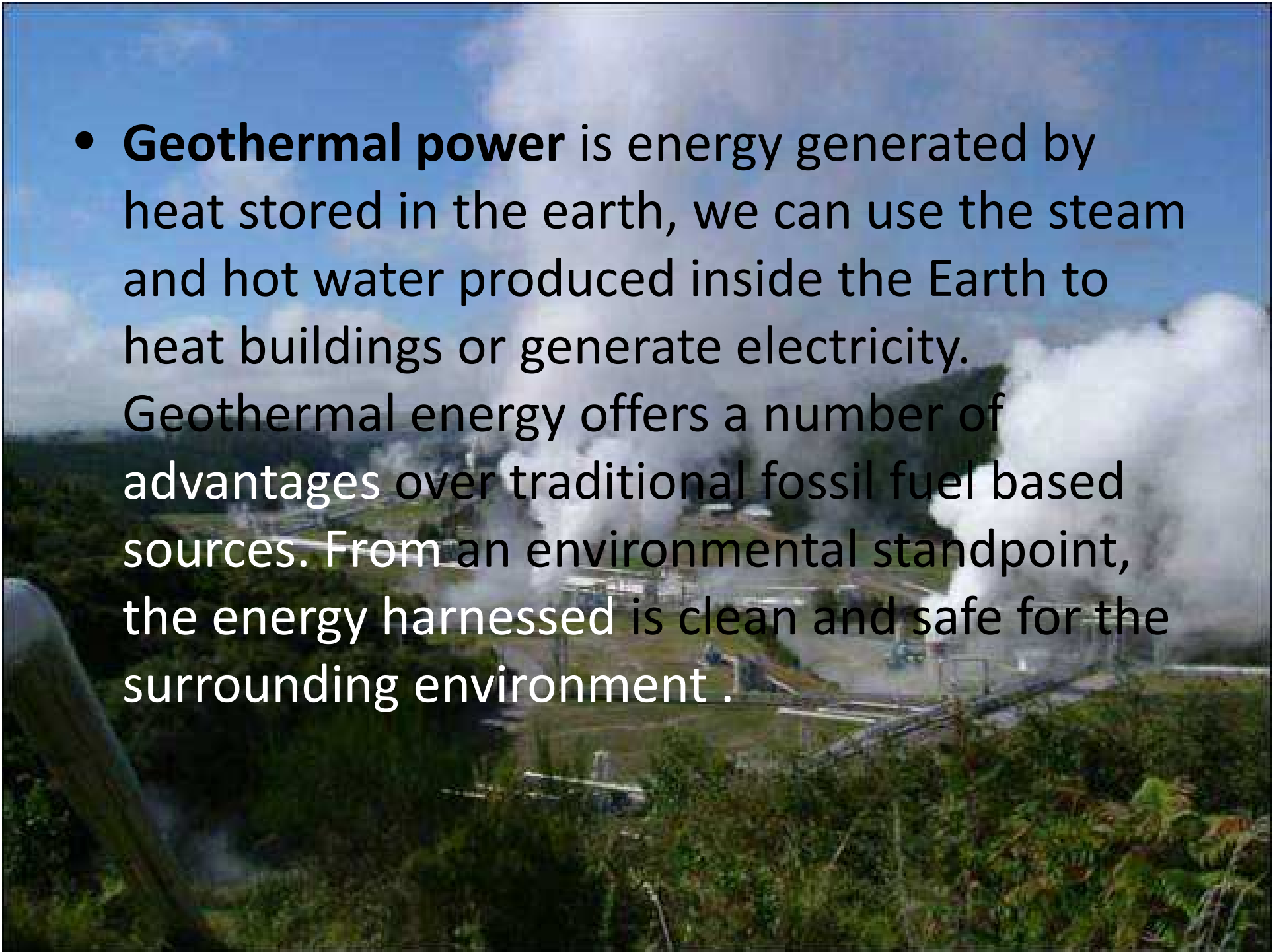


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- **The sun is the ultimate**, renewable energy source, the sun has been pouring out unimaginable amounts of energy. Most systems that capture solar energy convert it to heat or electricity. Sunlight is a highly practical and clean source of energy in many places around the world

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- **Wind energy** has been used by humans for thousands of years, first to carry ships across oceans and, later, to pump water and grind grain. More recently, wind has been harnessed as a clean, safe source of electricity around the world.

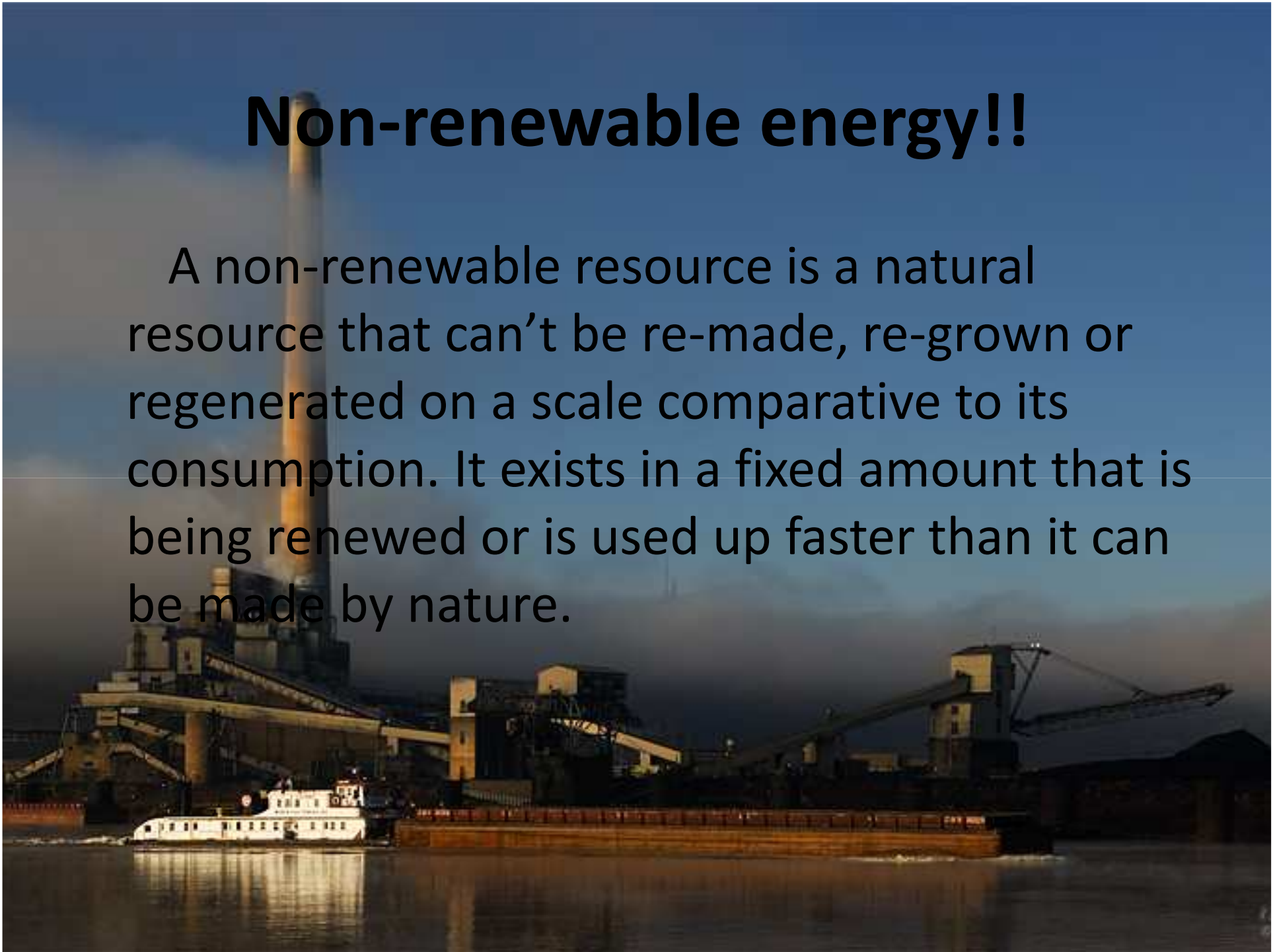
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- **Humans have used water power** to supply energy for almost as long as we've used wind. The energy of falling water is used mainly to drive electrical generators at hydroelectric dams. As long as snow and rainfall can fill the streams and rivers, moving water can be a renewable source of energy.

- **Geothermal power** is energy generated by heat stored in the earth, we can use the steam and hot water produced inside the Earth to heat buildings or generate electricity. Geothermal energy offers a number of **advantages** over traditional fossil fuel based sources. From an environmental standpoint, the energy harnessed is clean and safe for the surrounding environment.



Non-renewable energy!!

A non-renewable resource is a natural resource that can't be re-made, re-grown or regenerated on a scale comparative to its consumption. It exists in a fixed amount that is being renewed or is used up faster than it can be made by nature.



What are non-renewable resources?

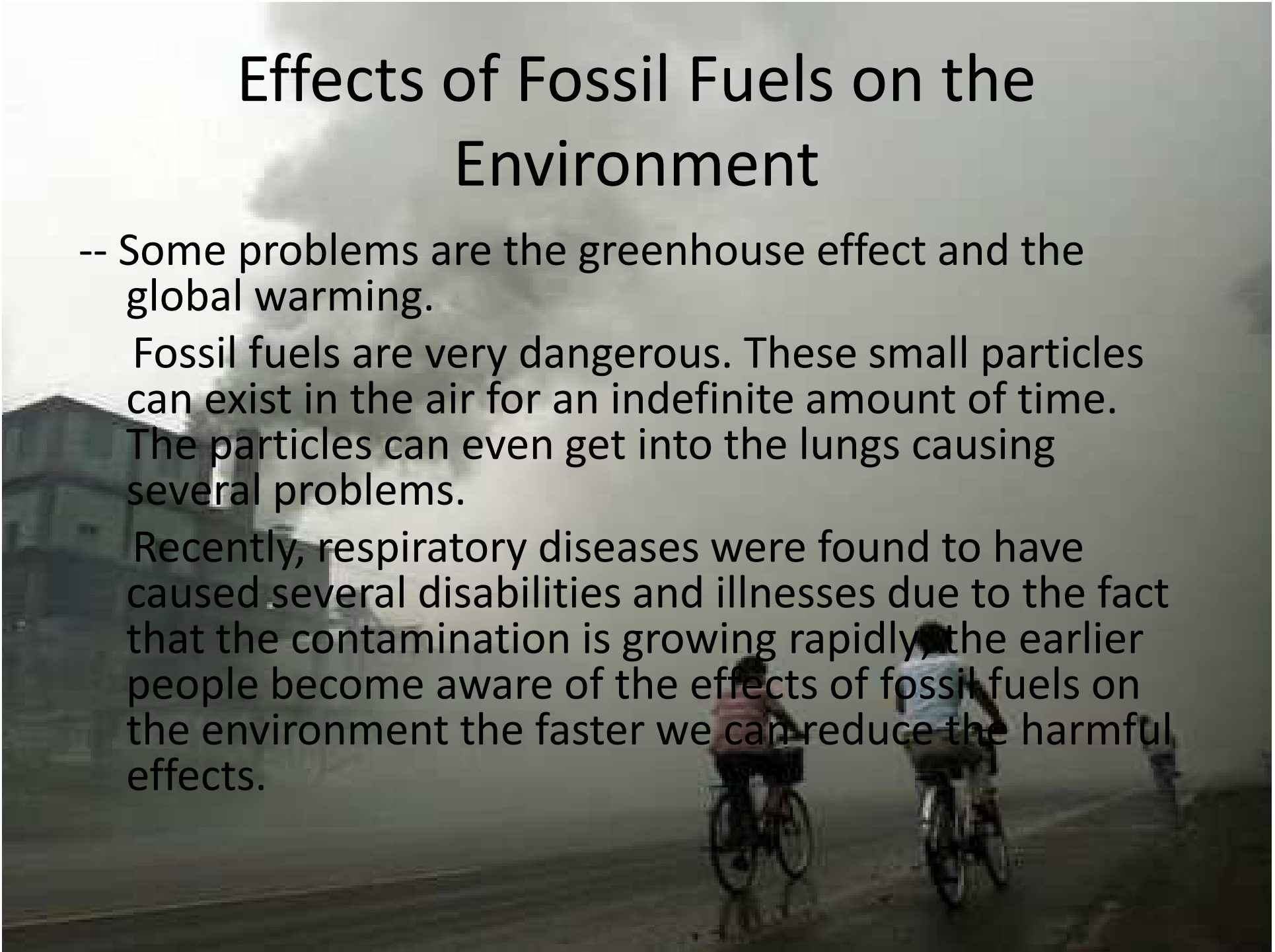
Fossil fuels -> Such as coal, petroleum, natural gas and nuclear power. As they don't naturally re-form at a rate that makes the way we use them sustainable and consumer materials to produce electricity.

Effects of Fossil Fuels on the Environment

-- Some problems are the greenhouse effect and the global warming.

Fossil fuels are very dangerous. These small particles can exist in the air for an indefinite amount of time. The particles can even get into the lungs causing several problems.

Recently, respiratory diseases were found to have caused several disabilities and illnesses due to the fact that the contamination is growing rapidly, the earlier people become aware of the effects of fossil fuels on the environment the faster we can reduce the harmful effects.



- Compared to other fossil fuels, coal and oil give more harmful emissions when burned. Coal and fuel oil also release ash particles into the environment, the particles not burned are carried into the atmosphere causing pollution. The burning of natural gas is not as harmful as the burning of coal and oil.

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Conclusion

- For humanity, the energy was and is crucial in the use of the most diverse tasks.
- Renewable energy and non-renewable energy have advantages and disadvantages.
- Non-renewable energy confers many benefits in our daily life, but they cause serious environmental and health problems, and end up. The predicted duration of oil is 50 years, natural gas is 85 years, and coal is 230 years.
- Renewable energy doesn't pollute the environment, and is endless so, some day non-renewable energy will end, and renewable energy will continue to exist,

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