

# THE FACTS ABOUT RENEWABLE ENERGY

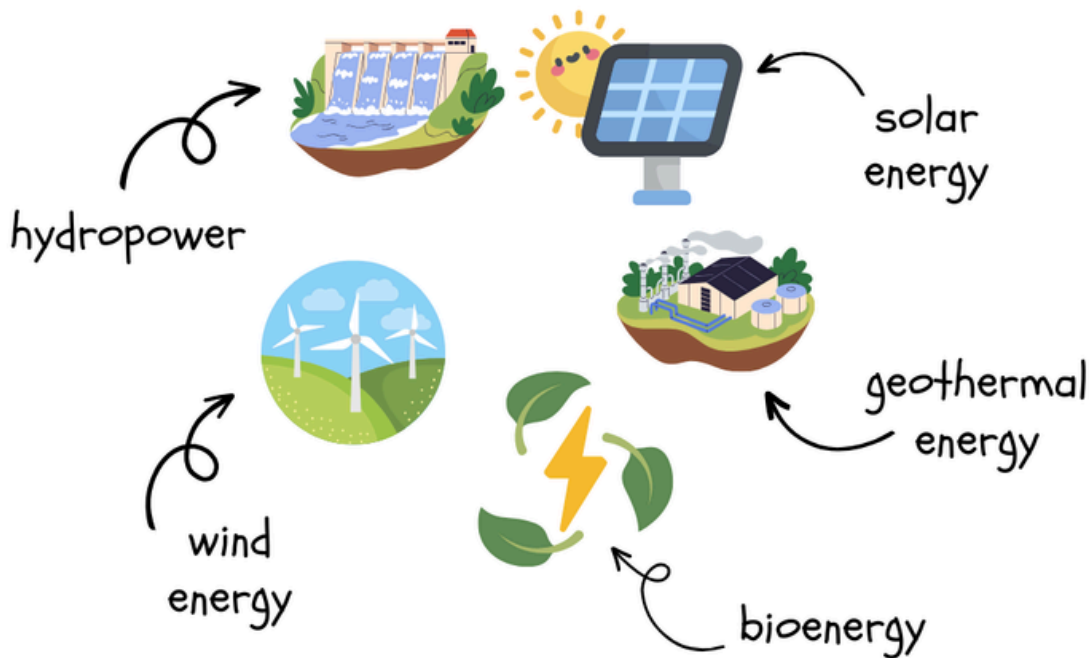


## WHAT IS A RENEWABLE RESOURCE?

- **Naturally** replenished resources, such as the sun, tides, and wind.

## WHAT IS RENEWABLE ENERGY?

- When renewable resources are used as renewable energy for **electricity**.



## EXAMPLES OF RENEWABLE ENERGY

- wind turbines - uses wind
- solar panels - uses the heat from the sun

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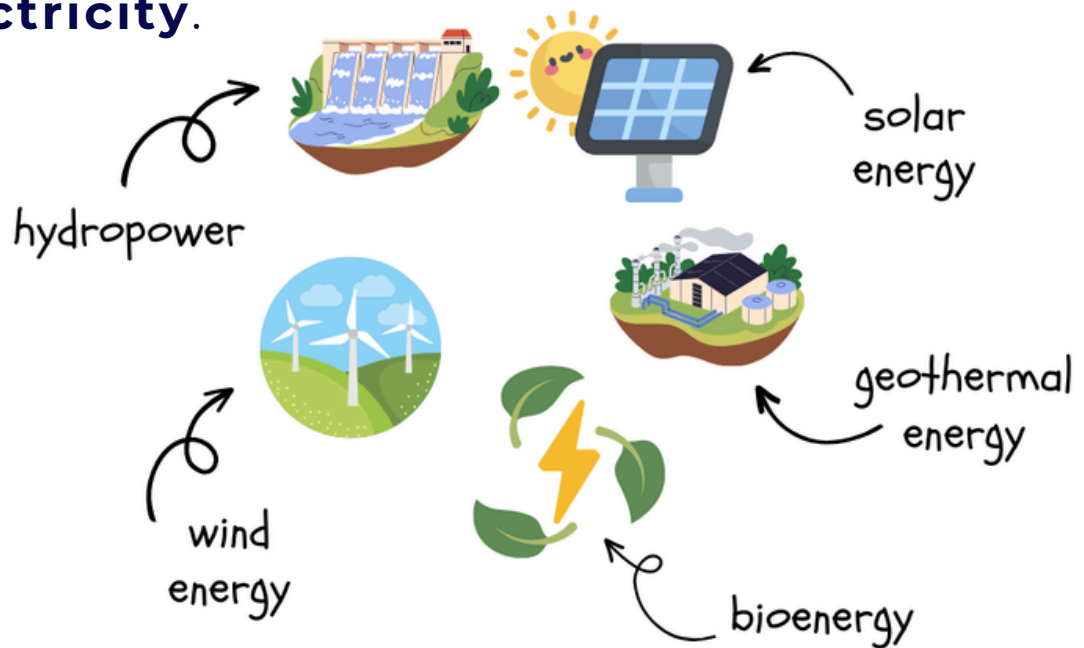
- **Naturally** replenished resources, such as the sun, tides, and wind.

## WHAT IS RENEWABLE ENERGY?

- We can use renewable resources as renewable energy for **electricity**.

## EXAMPLES OF RENEWABLE ENERGY

- wind mills/turbines
- solar panels



## Benefits of Renewable Energy

- Generating energy that produces no greenhouse gas emissions from fossil fuels.
- Reduces dependence on certain types of fuels.
- Lower energy costs.



**Solar Power | PBS Learning Media Video**

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## WHAT IS RENEWABLE ENERGY?

- We can use renewable resources as renewable energy for electricity.

## Benefits of Renewable Energy

- Generating energy that produces no **greenhouse gas emissions** from fossil fuels.
- Reduces dependence on certain types of fuels
- Lower energy costs.
- Expanded energy access for remote, coastal, or isolated communities.

## RENEWABLE ENERGY IMPLEMENTATION

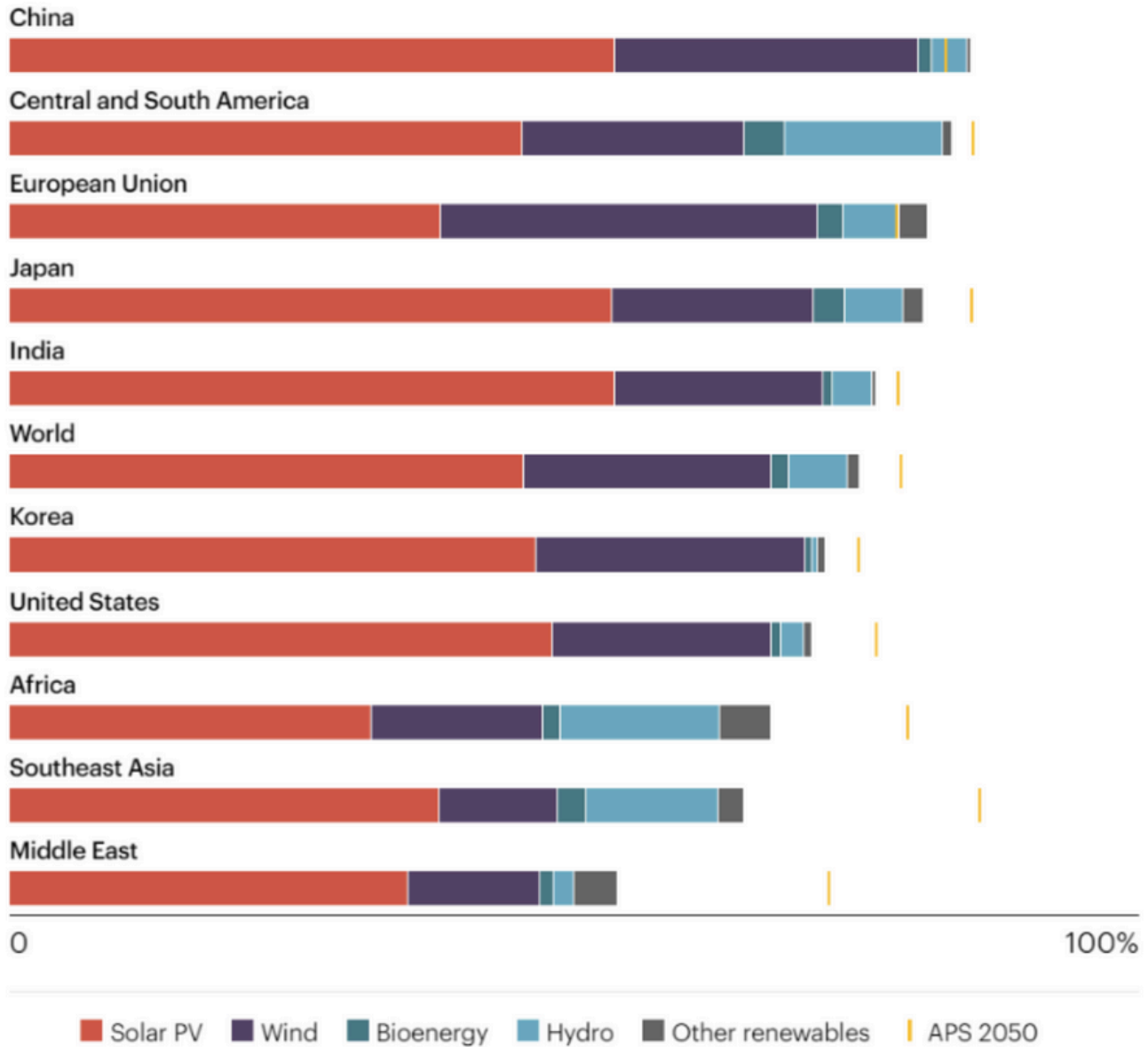
### THINGS TO CONSIDER:

- Cost of producing and maintaining equipment such as solar panels or wind turbines.
- Securing funding for production of renewable energy sources.

## LEADING THE CHARGE

- Wind and solar power are the biggest sources of **green electricity**.

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Solar PV and wind are set to dominate global capacity additions by 2050.

Image: International Energy Agency

**Question:** What do you notice about the top forms of renewable energy production?