Green energy in our lives

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What's green energy ?

- Comes from nature

- Sun, wind, water, biomass and heat from the earth

- Clean does not pollute the atmosphere

- Renewable

- Fights climate change

Why is green energy important

- Helps stop air pollution

- Helps fight climate change

- Saves money in the long term

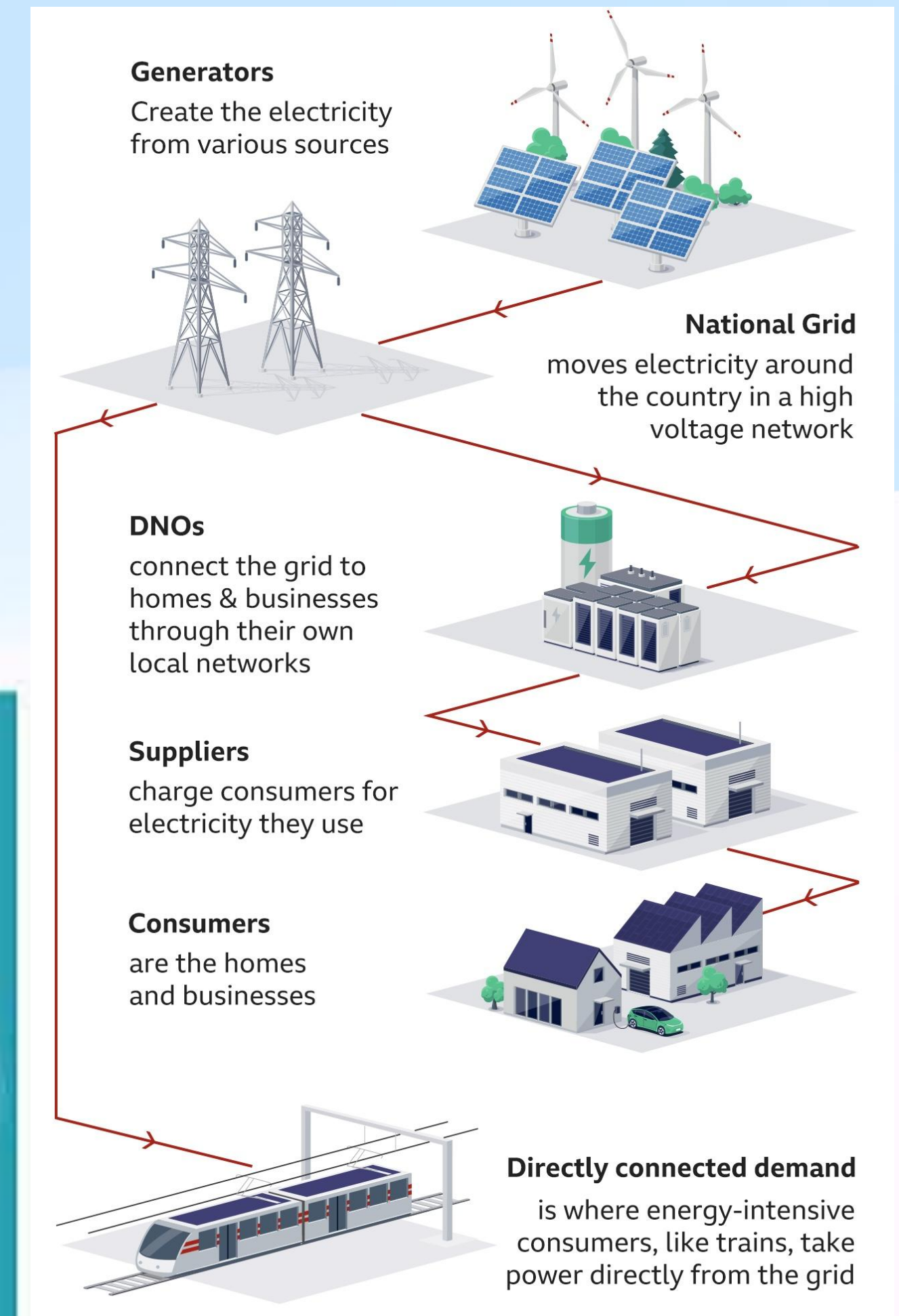- Clean power for the future

- Creates new jobs

Types of green energy

- Solar energy - uses sunlight

- Wind energy - uses wind to turn turbines

- Hydropower - uses moving water

- Geothermal energy - uses heat from earth

- Biomass - uses plants and food waste
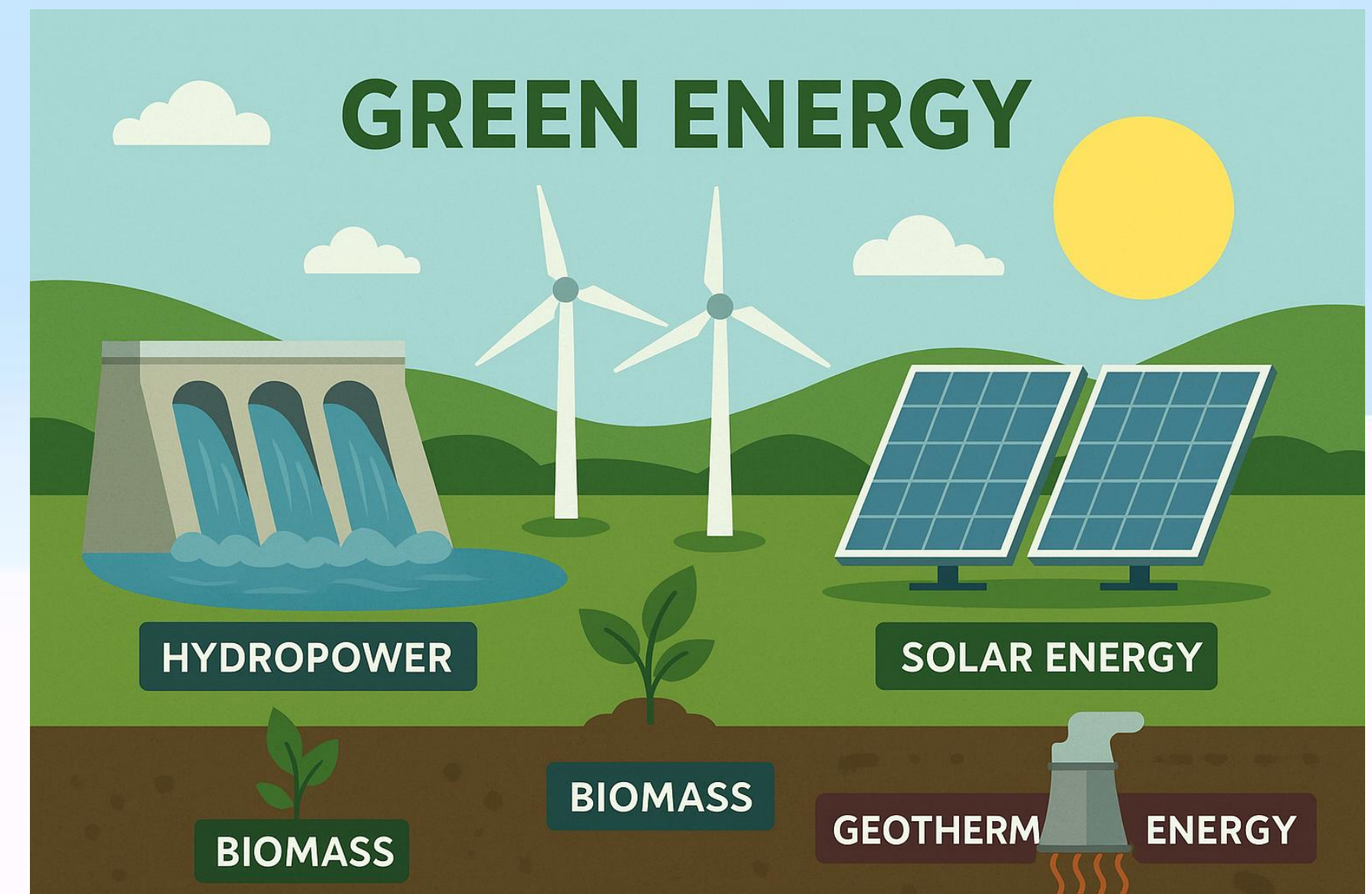
How we use green energy

- Solar panels on roofs of homes or schools

- Wind farms that give power to towns

- Electric cars that use clean energy

- Smart homes that save electricity

- Using LED lights to save energy

SMART HOME

Generators
Create the electricity from various sources

National Grid
moves electricity around the country in a high voltage network

DNOs
connect the grid to homes & businesses through their own local networks

Suppliers
charge consumers for electricity they use

Consumers
are the homes and businesses

Directly connected demand
is where energy-intensive consumers, like trains, take power directly from the grid

What can we do?

- Use less electricity at home

- Unplug electronics

- Install solar panels

- Reduce, reuse, recycle

- Walk, bike, use public transport

- Use reusable products
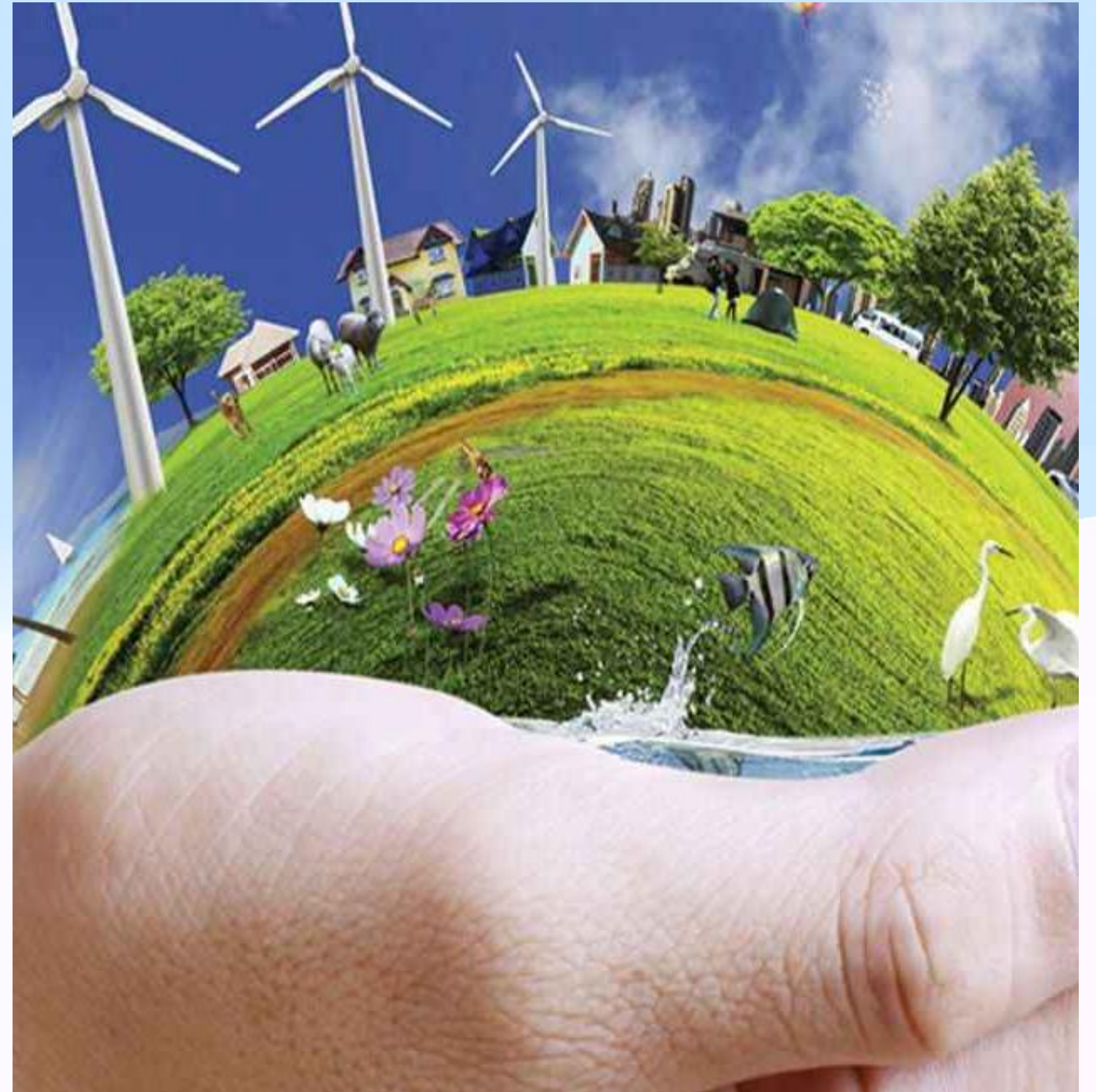
Real life exaples

- Wind turbines when driving through the countryside

- Solar panels on rooftops in your neighborhood.

- Eco-friendly buses that run on biofuel or electricity.

- Reusable water bottles instead of plastic — helping save energy and reduce waste

- Induction stoves — heat faster and waste less energy.

Conclusion

- Green energy comes from natural sources like the sun, wind, and water.

- It helps fight climate change and keeps our air and planet clean.

- Even small actions (like saving electricity or using a reusable bottle) make a big impact.

- We all have the power to make a difference — at home, at school, and in our word.

- Together, we can create a cleaner, brighter future for everyone.

Thank you for your attention

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