

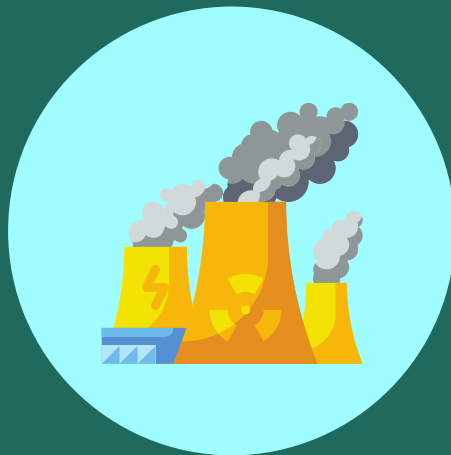
รายวิชา ภาษาอังกฤษ
รหัสวิชา อ23101 ชั้นมัธยมศึกษาปีที่ 3

เรื่อง **My Green Tech (2)**

ครูผู้สอน ครูสรวรรยา อุดรพรหม
ครูธีรวุฒิ ศรีสวัสดิ์



My Green Tech (2)



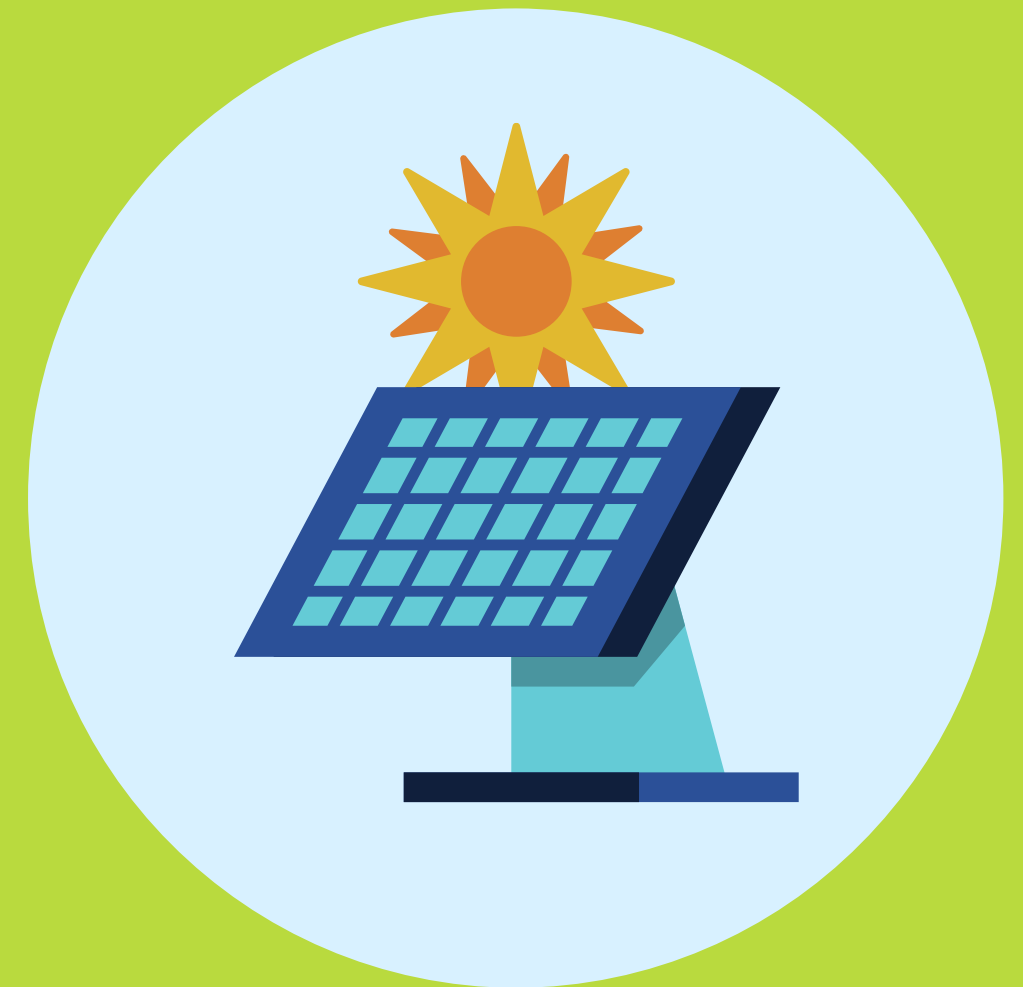
จุดประสงค์การเรียนรู้

1. ออกเสียงคำศัพท์เกี่ยวกับแหล่งพลังงานทางเลือกได้
2. พูดอภิปรายและเขียนแนวทางในการประหยัดพลังงานที่สามารถปฏิบัติได้จริงในชีวิตประจำวัน
3. สรุปความรู้โดยใช้รูปแบบ Mind Map ได้

Renewable Resources

- Can be used repeatedly and does not run out because it is naturally replaced.

Ex. solar energy, wind, falling water





Non-Renewable Resources

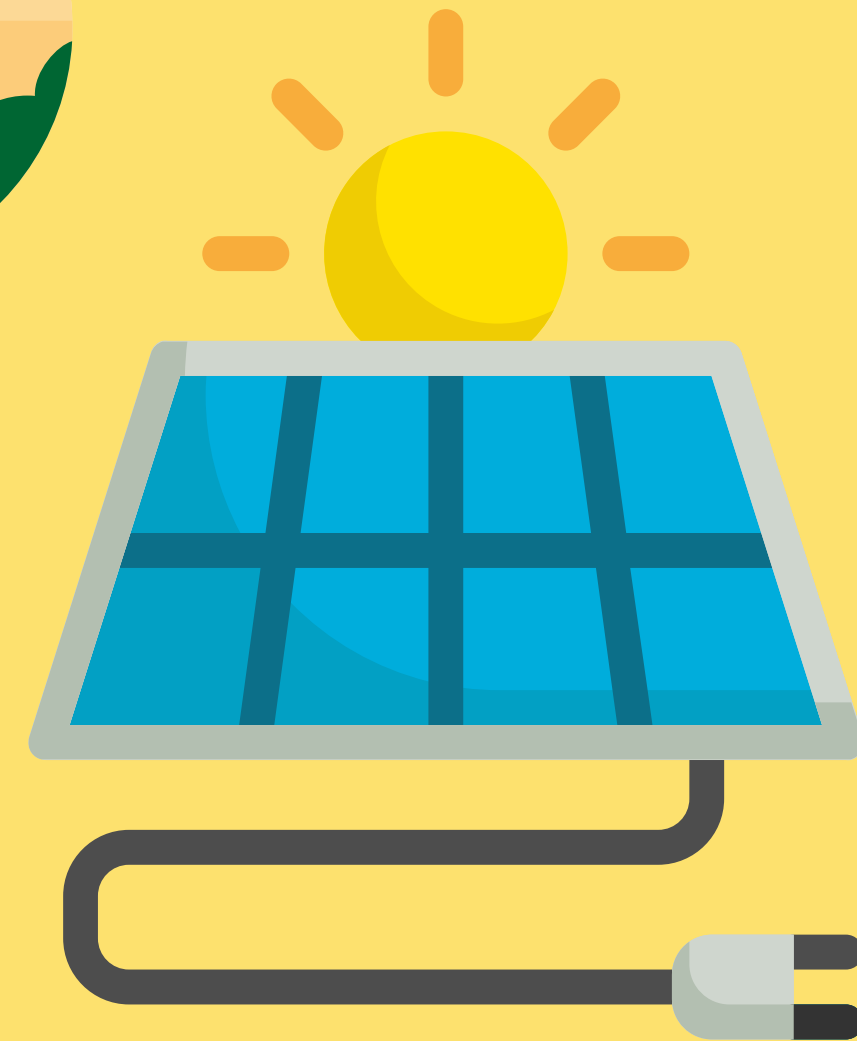
- A natural substance that is not replenished with the speed at which it is consumed.

Ex. oil, natural gas, coal, and nuclear energy



Activity

Try It!

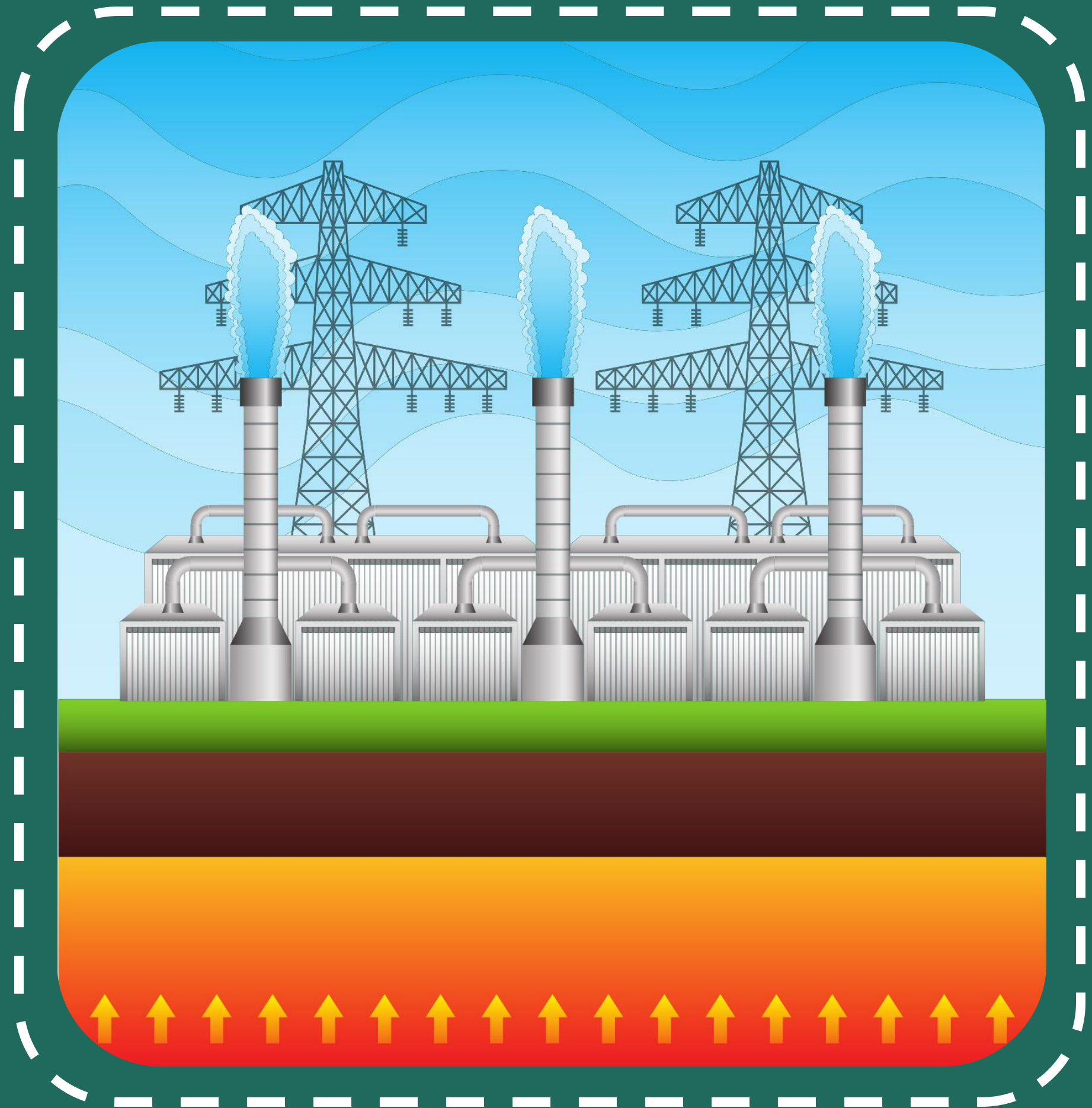




Try It!

using naturally occurring heat from the earth to produce electricity

geothermal energy

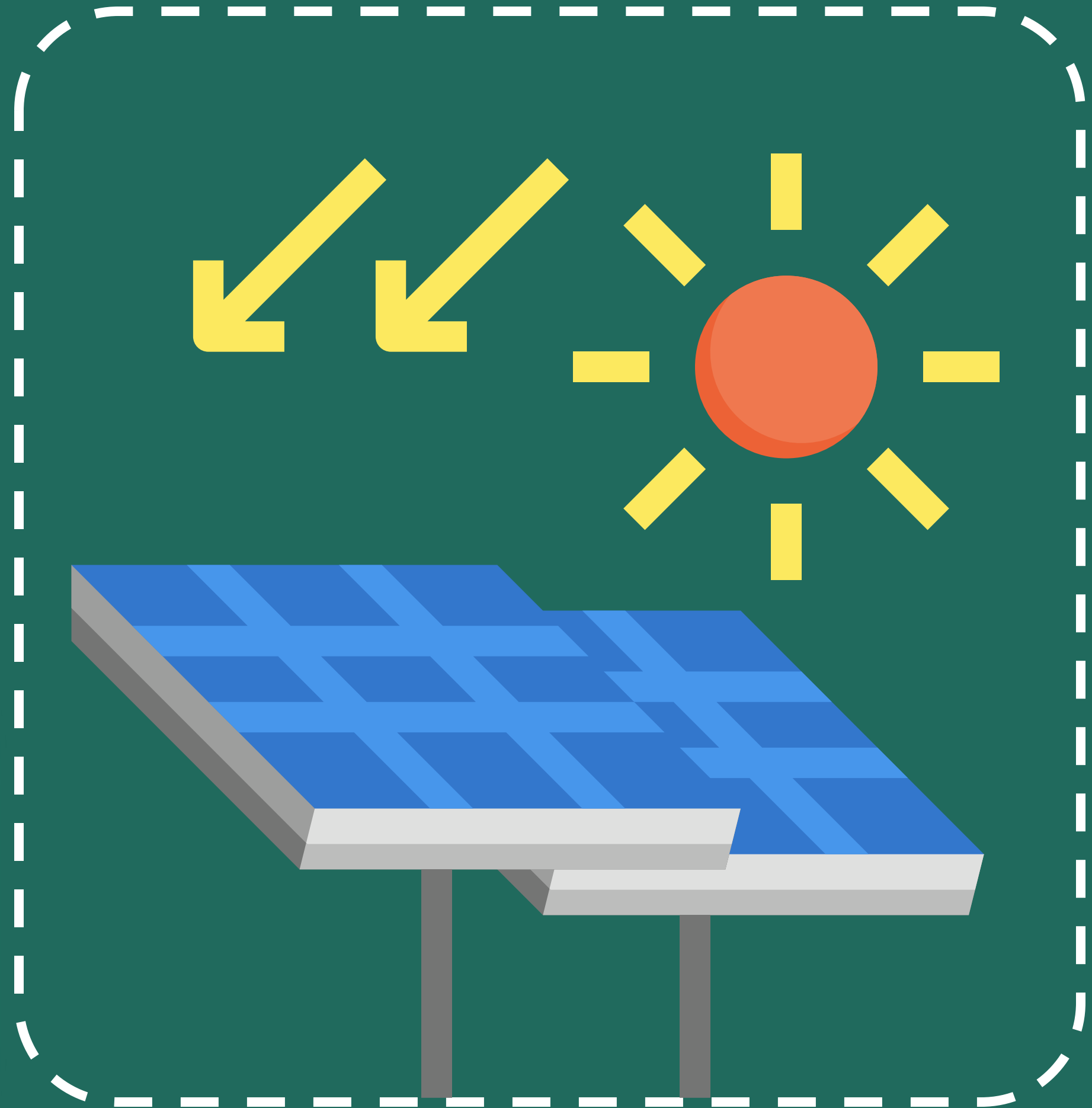




Try It!

the sun has produced energy in the form of heat and light. It is considered unlimited.

solar energy





Try It!

using wind power to
produce electricity

wind power





Try It!

deposits such as natural gas, coal and oil that came from the slow change of ancient plants and animals into hydrocarbons

fossil fuels

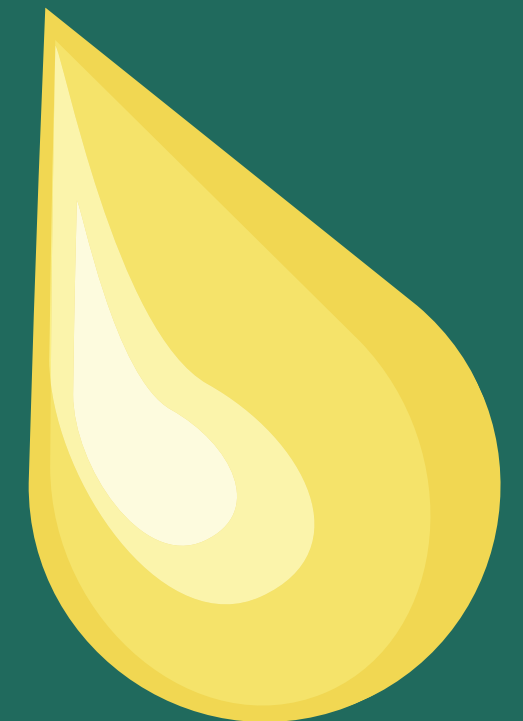




Try It!

a viscous liquid derived from petroleum, especially for use as a fuel or lubricant.

oil





Try It!

the clear liquid that falls as rain and is used for things such as drinking and washing

water





Try It!

It is renewable organic material that comes from plants and animals.

biomass

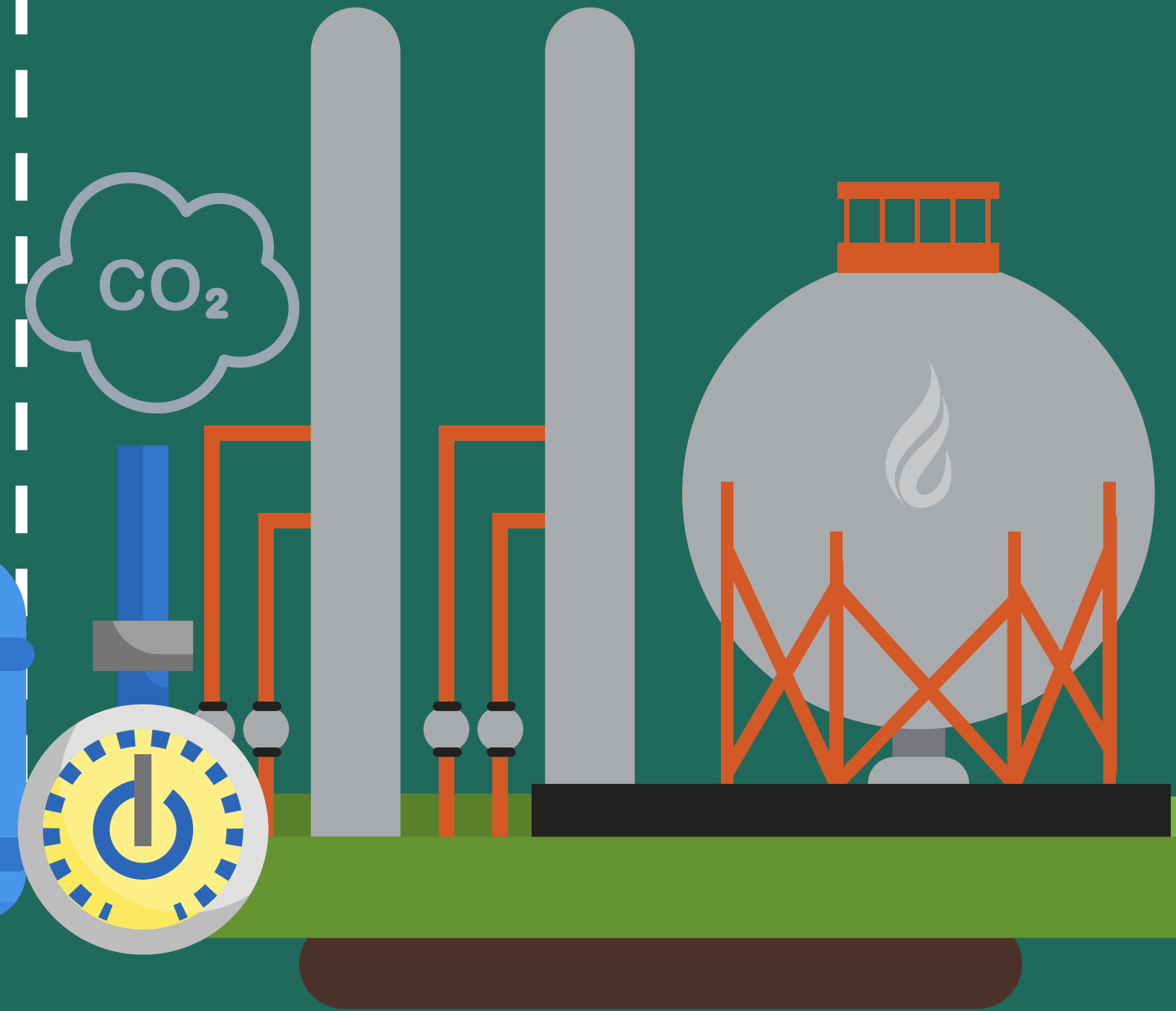
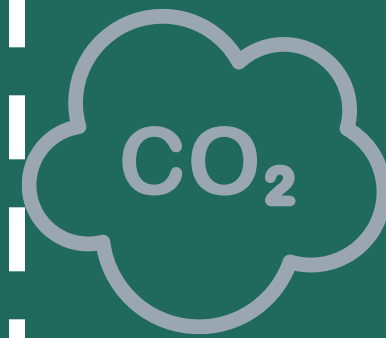
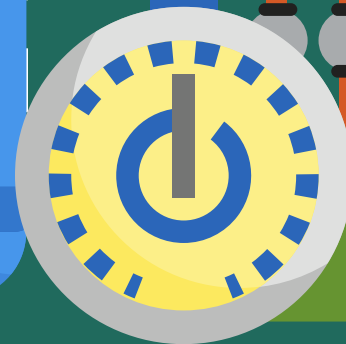
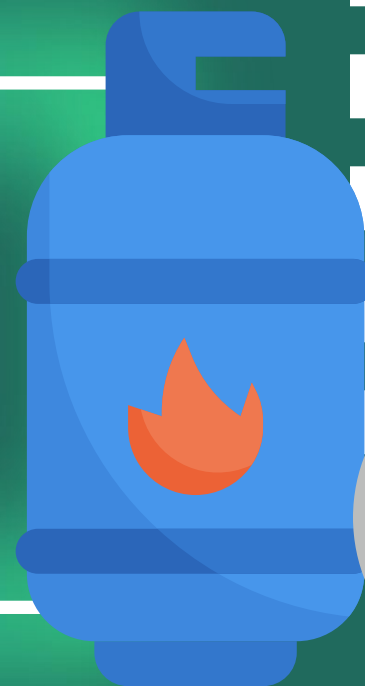




Try It!

Gas, found underground,
that is used as a fuel.

natural gas

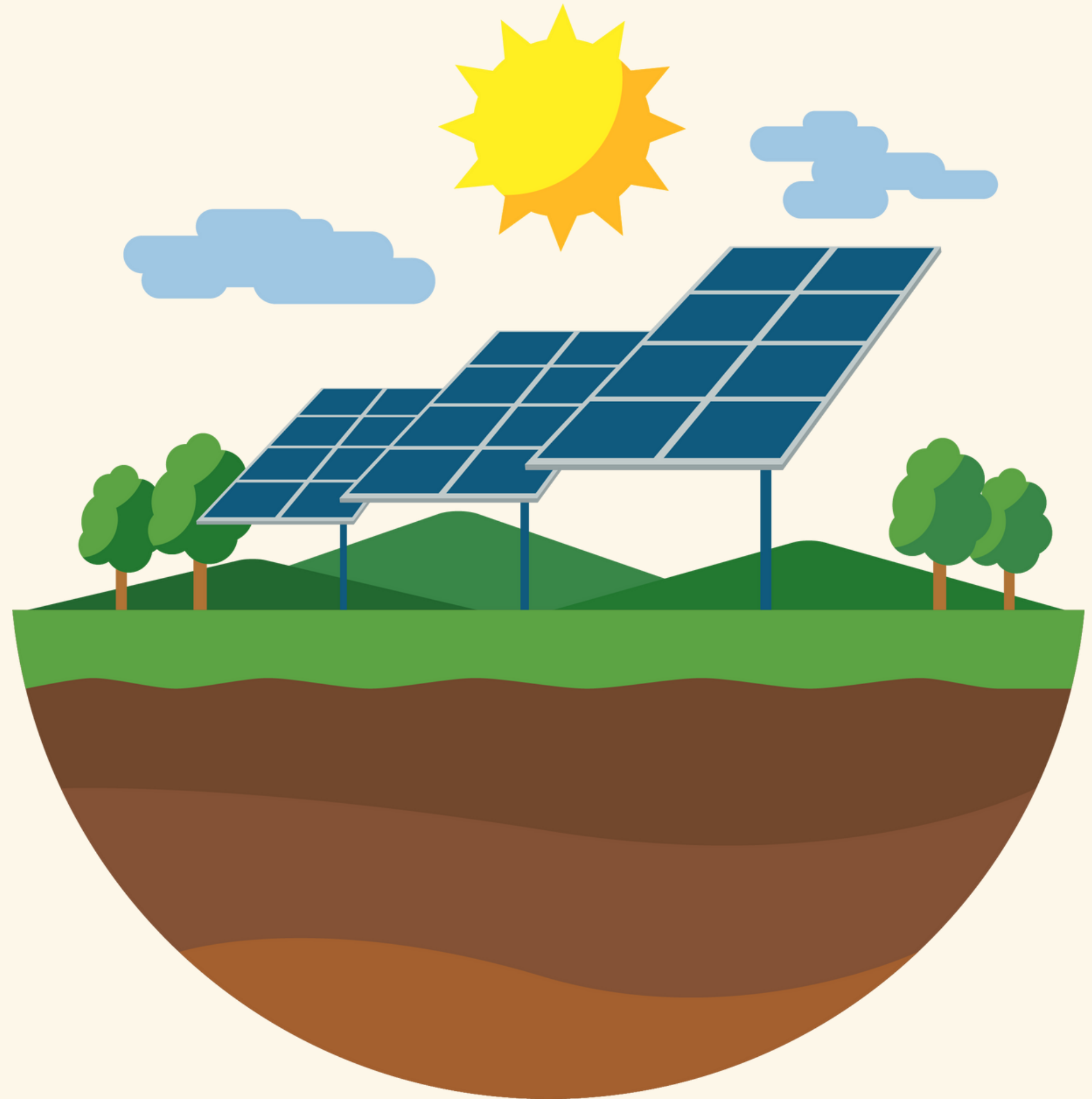


Renewable energy sources

1. Solar energy
2. Wind energy
3. Hydro energy
4. Tidal energy
5. Geothermal energy
6. Biomass energy



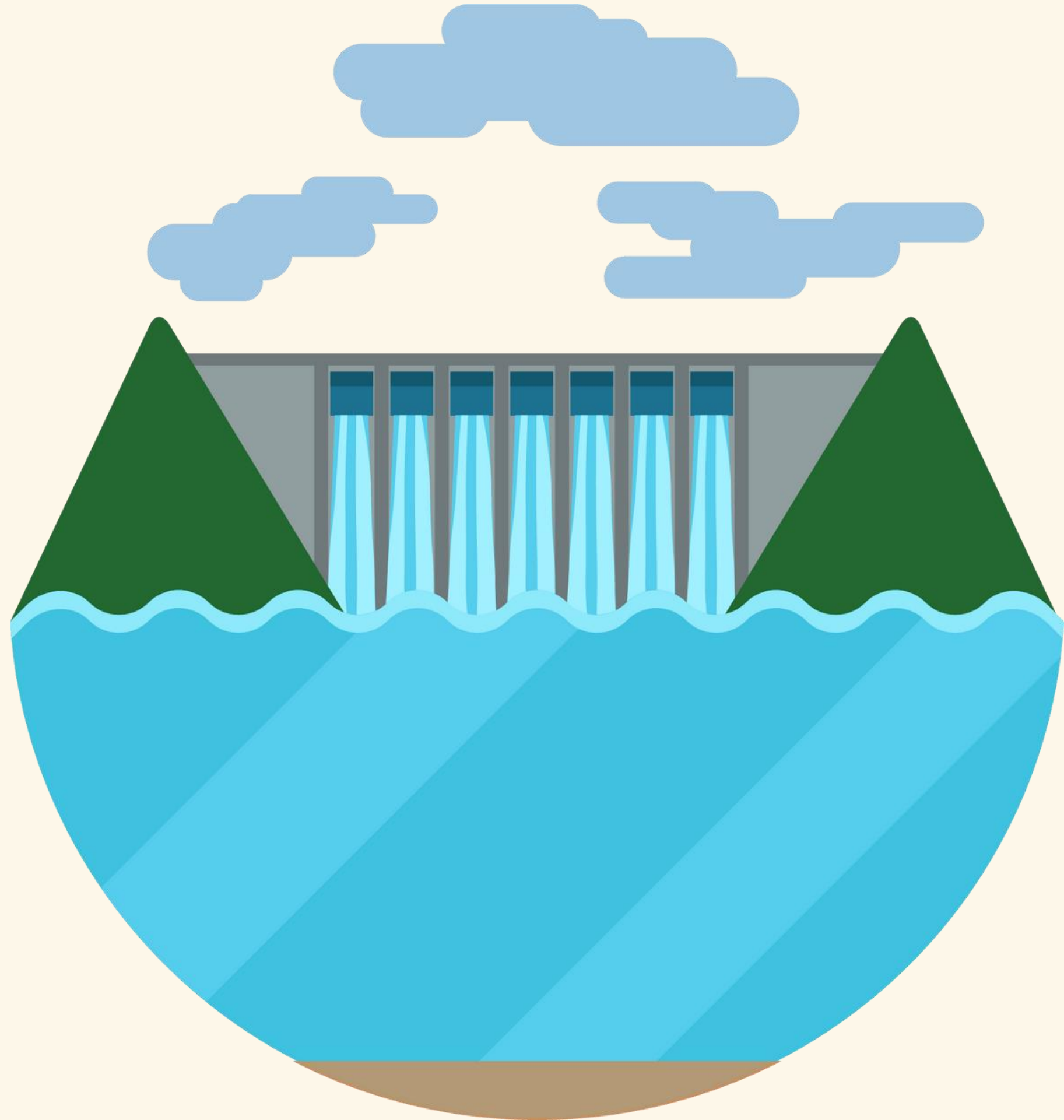
Solar energy



Wind energy



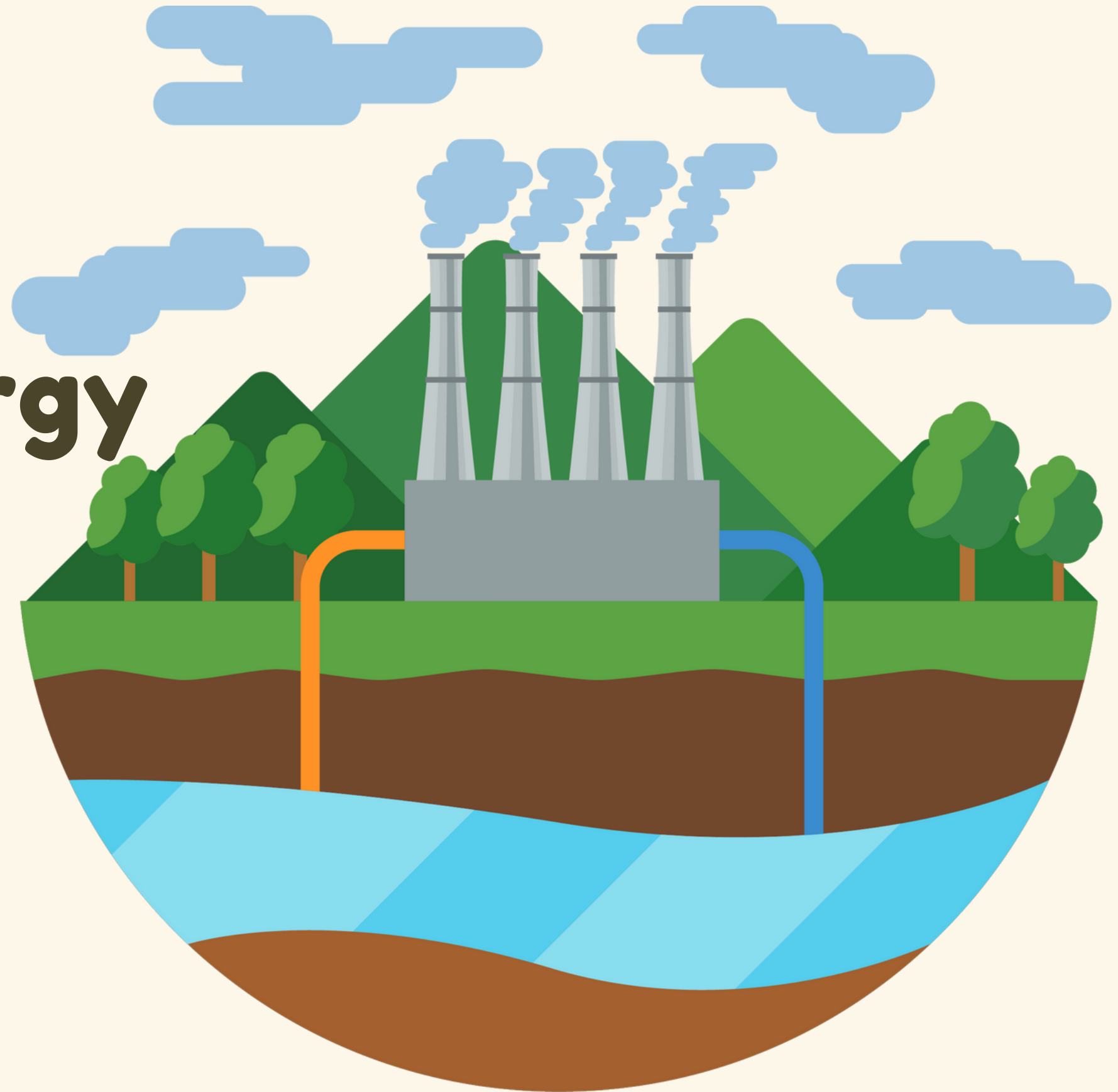
Hydro energy



Tidal energy



Geothermal energy

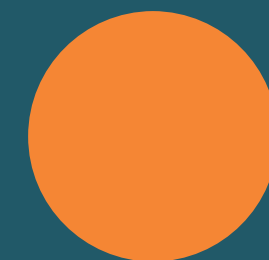
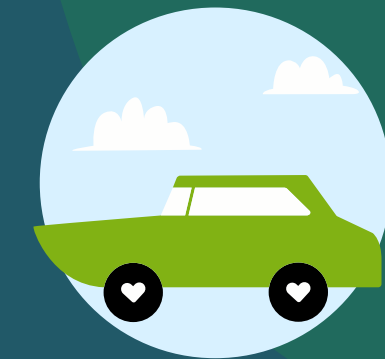


Biomass energy



Advantages

- Clean energy;
- Inexhaustible energy source;
- No carbon emissions or greenhouse gases;
- Energy independence;
- Self-sufficient;
- Sustainability;
- Environmentally-friendly and slows down climate change.



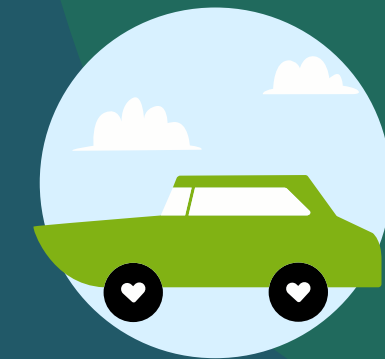
Mind Mapping



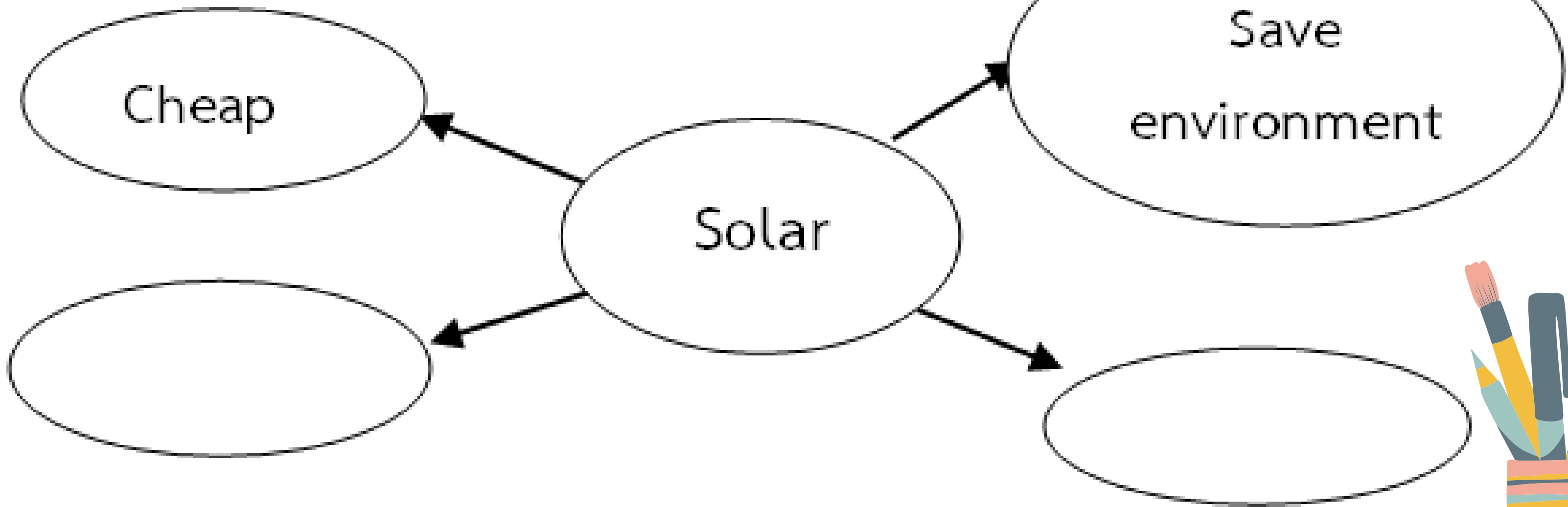
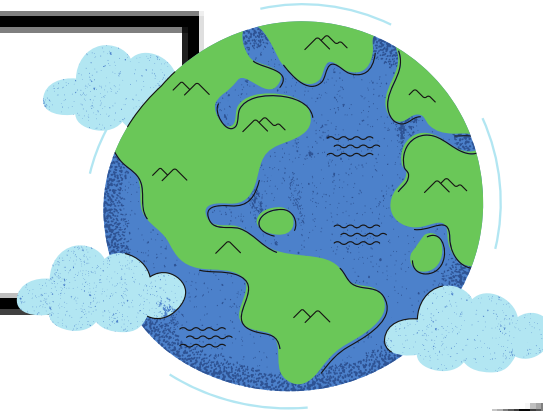


Group Work

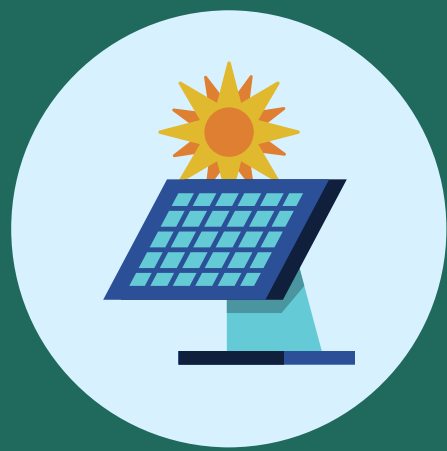
- Make a group of 4-5.
- Get the paper from the teacher.
- Think of “Mind Mapping” about alternatives for our hometown.
- Write your answer into the paper.
- Present in classroom.



Alternatives for Our Hometown

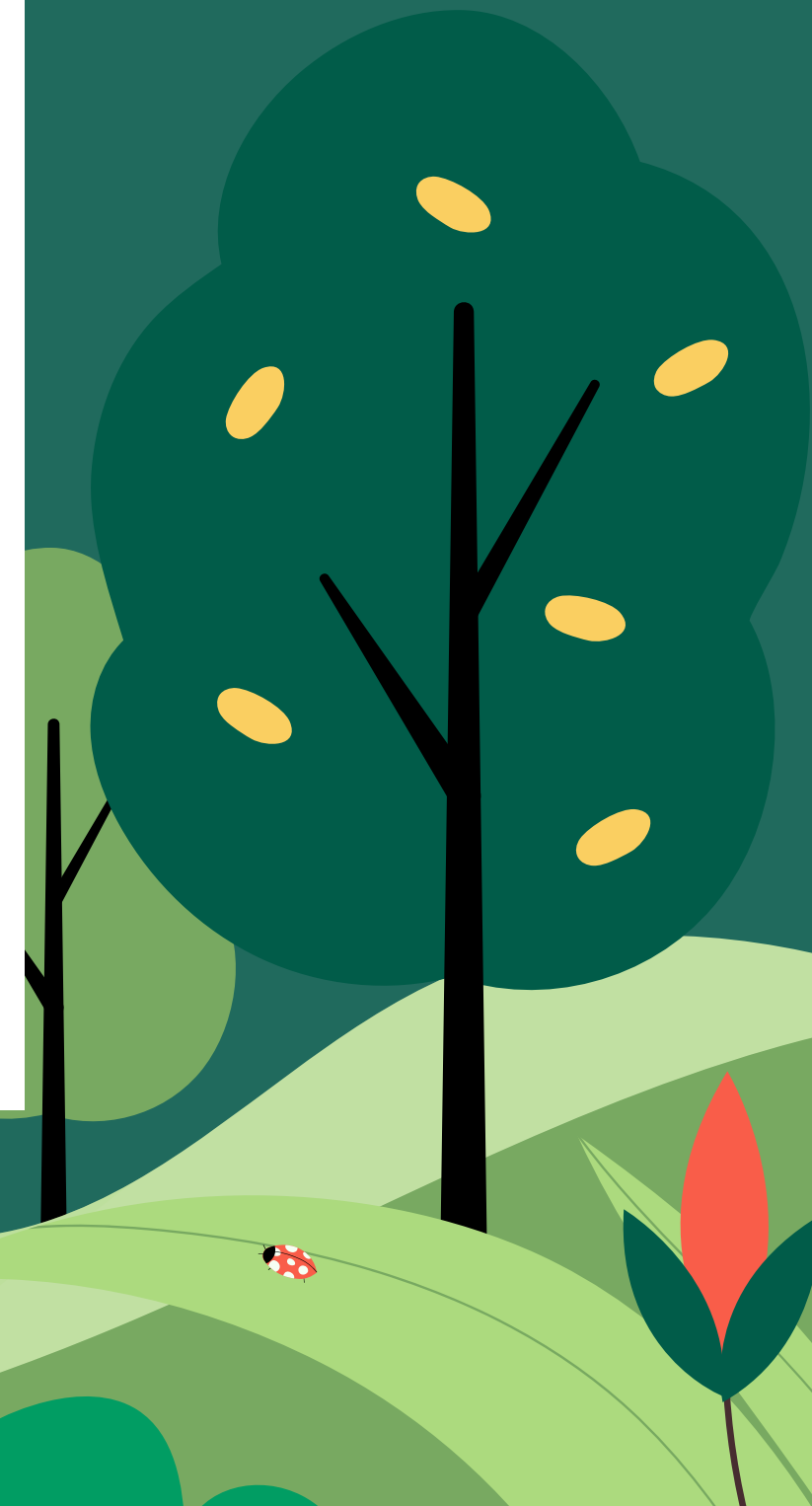


Presentation



Green technologies - going green - is bigger than the Internet. It could be the biggest economic opportunity of the 21st century.

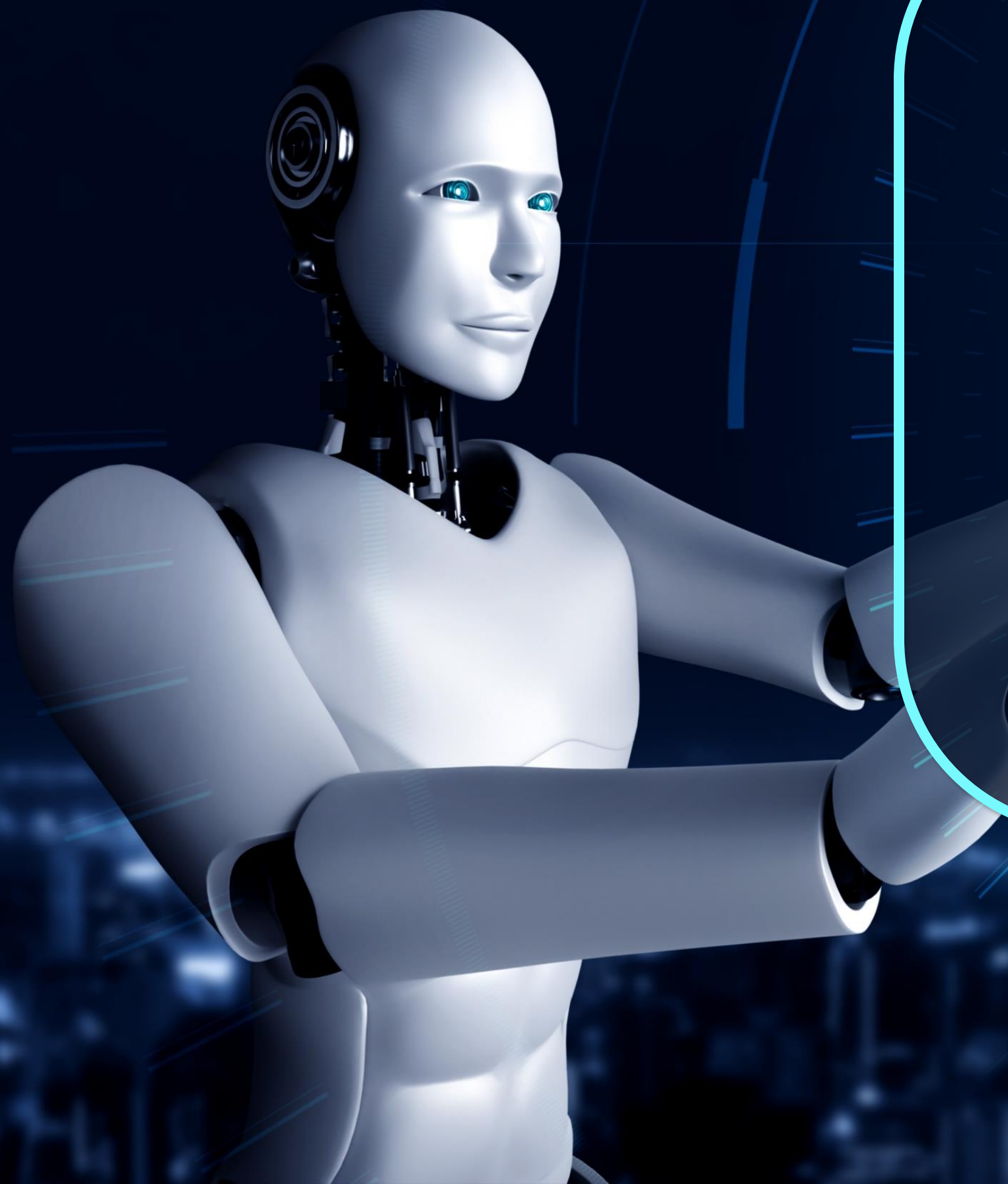
John Doerr





บทเรียนครั้งต่อไป

เรื่อง My Robot (1)



สิ่งที่จะต้องเตรียม

ใบงาน **My Robot (1)**

สามารถดาวน์โหลดเอกสารได้ที่

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