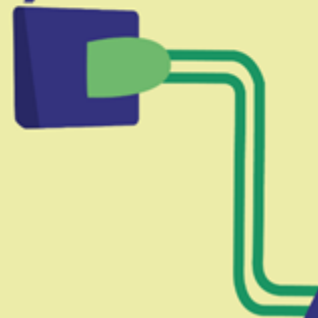


**Sustainable**  
**Development**  
**Goals**

# Lesson 14

## Goal 7 – Affordable and Clean Energy (2)





# Lead in

## Read and Answer

- In some developing countries, 25% of people are in a situation with no electricity.



- 13% of the global population still lacks access to modern electricity.



- 3 billion people rely on wood, coal or animal waste for cooking and heating.

*Can you imagine how people may live without electricity?*





# Read and Review

For a long time, coal, oil and gas have been major sources of electricity production but burning these **carbon fuels** produces a lot of greenhouse gases. It will cause climate change and harm the environment and public health.

Therefore, we should use more clean energy. Energy from the water, the wind and the sun are clean and can be reused. Such energy is called **renewable** energy.

Renewable energy is making great progress. However, some countries do not have access to this resource due to lack of **technologies**. So, more attention is needed to improve access to clean energy and high technologies for people around the world.

## **carbon fuels**

a substance that can be consumed to produce energy

## **renewable**

renewed;  
replaceable;

## **technologies**

the practical  
application of science



# Read and Review

Fill in 'T (true)' or 'F (false)' according to the passage.

- ☐ 1. Coal, oil and gas are carbon fuels produces and they are renewable energy.
- ☐ 2. Heavy use of carbon fuels can lead to climate change.
- ☐ 3. Energy from the water, the wind and the sun are clean and cannot be reused.
- ☐ 4. Although renewable energy is making great progress, countries are still finding ways to improve access to clean energy and high technologies.



# Focus on Global Issues

Read the different situations of energy use in the following countries.

## In Gambia



*Sintet is a rural farming village located in Western Gambia. The community lives in basic conditions with no electricity or running water.*

*In the dry season, they have no access to water for farming from November to late May.*



## In Kenya

*Alton Maasai Primary School is located in the remote community in South District of Kenya.*

*The school's current access to water and power is through the solar panels on the roofs of the classrooms.*





# Focus on Global Issues

**Talk about the energy resources problem in your country.**

**Your country:**

1. What are the richest and rarest energy in your country?
2. What energy crisis is your country currently facing?
3. What are the energy waste problems in your country?





# Global Issues Shooting

What can we do to improve the problem of energy crisis?

List some possible ways to reduce energy crisis from the two following perspectives.

## For countries:

- a. To increase technical support for the development of new energy sources;
- b. ...

## For individuals:

- a. To save water: Turn off the faucet when you're not using it.
- b. ...

List your opinions

Build up  
sentences

Give a speech



# Global Issues Shooting

## Sentence patterns:

- ✓ *We cannot ignore the fact that we need give priority to ...*
- ✓ *In my point of view, it is beneficial to us if....*
- ✓ *It can be seen that it's necessary to...*

List your opinions



Build up sentences



Give a speech



## Sentence build-up:

- a. We cannot ignore the fact that we need to give priority to the technical support for the development of new energy sources;

b.

c.





# Speech on Global Issues

Give a speech on how to improve the problem of energy crisis.



## Goal 7 - Affordable and Clean Energy

Lack of access to clean energy supplies is an obstacle to human and economic development. The environment provides a series of renewable and non-renewable energy sources, such as solar, wind, natural gas, coal, etc. However, faced with the shortage of clean energy resources, we cannot ignore the fact that we need give priority to ...

List your opinions



Build up sentences



Give a speech

