

READING

- a. What would you call a green building? Share ideas with your partner and listen to his/hers. Do you have the same ideas? Why/why not?
- b. Read the text.

Eco houses – is it future or reality?



Nowadays, protecting and saving the environment is a big problem to the whole world. Problems such as air and water pollution, waste sorting, and deforestation also influence the architecture. The design of modern buildings includes plants and saving resources. This is called “a green house” – a building with eco-technologies.

What are the advantages of eco-houses?

1. They are built from eco-friendly materials.
2. House residents can use alternative energy sources.
3. In large cities, residents are protected from smog as plants clear the air of carbon dioxide and destroy harmful microorganisms.
4. The waste sorting is encouraged.
5. There are a lot of parks, pounds, bicycle paths near the building.
6. There are water and air control systems.
7. Heating and electricity costs 20% less.
8. The roof of such building is 2–3 times stronger than the usual one.
9. Soil and plants save the residents from the electromagnetic radiation.
10. Green roofs can be used for small businesses: cafes, sports, playgrounds, yoga classes, etc.

bush – куст

carbon dioxide – углекислый газ

electromagnetic radiation –
электромагнитная радиация

innovation – инновация, нововведение

safety – безопасность

soil – почва

to influence smth. – влиять,
оказывать воздействие на что-либо

waste sorting – разделение отходов

roof – крыша



In China and the USA such eco-houses already exist. Each balcony of these buildings is covered with living plants: trees, bushes, flowers, moss.

The national green building standard in Russia (since November 1, 2022) is created by the Ministry of Construction together with Dom. It includes 81 evaluation criteria, and the main ones are eco-friendly planning of the building, environmental safety of the territory, eco-energy, waste control, and eco-innovations.

So, who knows, maybe in the nearest future we will live in such green eco-houses?

2 SPEAKING

- In pairs answer the following questions:
- What are the advantages of a green house (an eco-house)?
- Where can you find green houses?
- What problems can an eco-house solve?
- What kind of plants can be found in eco-houses?



3 PROJECT

Option I.

Search for some information about green eco-houses in your country and in the world. Choose one and present information about it to the class.

Remember to mention:

- Information about a place (city);
- Photo of the building or parts of it (connected with ecology)
- Would you like to live there?
- What impressed you the most, what you didn't like, why?

Option II.

Draw your perfect eco-house and present it to the class.

Remember to mention:

- Information about a place (city) where your perfect eco-house is located;
- Information about interesting parts of your building (connected with ecology)
- Would you like to live there?
- What impressed you the most, why?