

Conduct research on the scenario assigned and answer the following questions in your class presentation:

Is this action sustainable or unsustainable? Why?
What changes could make it more sustainable?

1. Deforestation for Agriculture 🌳 🚜

Large areas of forest are cut down to make space for farms and cattle grazing. The wood is used for construction and paper production, but wildlife loses its habitat, and the land becomes prone to erosion.

2. Solar Panels for Energy ☀️ ⚡

A city installs thousands of solar panels on rooftops to generate electricity. This reduces the need for coal and gas power, lowering carbon emissions. However, solar panels require rare metals, and their disposal can be challenging.

3. Single-Use Plastic Waste 🛒 ♻️

A supermarket provides plastic shopping bags and plastic packaging for all fruits and vegetables. Most of this plastic ends up in landfills or the ocean, where it takes hundreds of years to break down.

4. Electric Cars & Battery Production 🚗 🔋

Many countries are switching to electric vehicles to reduce pollution. However, making car batteries requires mining lithium, which damages ecosystems and uses a lot of water.

5. Overfishing & Ocean Damage

A large fishing company catches tons of fish using big nets. Many small fish, turtles, and dolphins get caught by accident. Fish populations are declining faster than they can reproduce.

6. Fast Fashion & Textile Waste

A clothing store sells cheap, trendy clothes that people wear a few times before throwing them away. These clothes often end up in landfills, and producing them uses a lot of water and chemicals.

7. Organic Farming & Local Food

A farmer decides to grow food without using harmful pesticides or chemical fertilizers. The food is sold at a local market, reducing the need for long-distance transportation.

8. Hydroelectric Dams & River Ecosystems

A country builds a massive dam to produce electricity using water. This provides clean energy but blocks rivers, affecting fish populations and displacing local communities.