



WORKSHEET

CLIMATE CHANGE



GREEN
INDUSTRY
FOUNDATION

**BAB
HUSKY**



Co-funded by
the European Union

Worksheet 1

Immerse yourself in the role of a green leader... Your task is to identify the main sources of climate change in your local environment. List the top three drivers of these changes in your area and describe how they are created or generated.

Worksheet 2

Pair the keywords with the definitions and familiarise yourself with the definitions.

Greenhouse gases

Greenhouse effect

Air pollution

Carbon dioxide

Greenhouse gas emissions

| Keyword | Definition |
|---------|--|
| | substances or particles present in the atmosphere that are not part of the natural composition of the air and are present in higher concentrations than those typical of clean air. |
| | substances that occur naturally in the atmosphere and play a role in the greenhouse effect. |
| | the release of these gases into the atmosphere. These emissions come from a variety of sources, including industrial activities, transport, energy, agriculture and other processes. |
| | a gas consisting of one carbon atom and two oxygen atoms. It is one of the main greenhouse gases responsible for global warming. |
| | a physical phenomenon in which certain gases in the earth's atmosphere trap heat from solar radiation, leading to an increase in the surface temperature of the planet. |

Worksheet 3

Select the area you would like to focus on when preparing the map. This could be the area around your home, school or any other place. Think about the different types of ecosystems that can be found in your chosen location. These could be forests, rivers, lakes, urban areas, parks, agricultural areas, etc. Identify how climate change may affect the chosen ecosystems. For example, are wetlands more vulnerable to flooding? Does sea level rise threaten coastlines?

Next, prepare a map showing the selected ecosystems. Label the different ecosystems and areas on the map, and mark areas exposed to specific climate-related threats. Include a description of the map explaining how climate change may affect the ecosystems and areas shown.

Discuss your map with the other participants. Exchange insights. Maybe you can find common parts in your maps and pick up some trends or tendencies from the different examples?

What conclusions can be drawn from your maps in terms of environmental protection and action to reduce the impact of climate change?

Worksheet 4

The debate

Participants select controversial environmental issues and split into supporters and opponents.

Examples of topics include exploitation of natural resources, infrastructure development, nuclear energy, GMOs, etc.

Each group is asked to prepare arguments in support of their position ,for' or ,against' - time limit 20 minutes.

Each group prepares a short presentation introducing their reasoning. The short presentations are followed by a series of questions and answers. The discussion should not take longer than 30 minutes.

Use all the communication, argumentation and negotiation techniques you know!

GOOD LUCK!

Worksheet 5

Each group selects one environmental problem in their local community. This could be, for example, a problem related to waste, air pollution, nature conservation, the greenhouse effect, etc.

Each group carries out an analysis:

- the causes of the problems
- the scale of the problems
- impact on the community
- possible solutions.

The task of each group is to create an environmental project that responds to the analysis carried out. The project will include a brief description of the activities, the main objectives and results, a preliminary outline of the timetable and budget.

Each group will present their project.