



Erasmus+ Cooperation for innovation and the exchange of good practices School Exchange Partnerships "Climate is a topic!" 2019-1-PL01-KA229-064863

**Survey assessment:
Knowledge, awareness and attitudes towards climate protection, changes climate, their effects
XII/2019**

The survey was addressed to the students of Partner countries. It concerned Knowledge, awareness and attitudes towards climate protection, changes climate, their effects. 38 students took part in the survey.

- 1) To the question: What is a climate?
73,7% of respondents chose the correct answer
c. the weather conditions prevailing in an area in general or over a long period
- 2) To the question: An envelope of gases surrounding the Earth is named:
78,9% of respondents chose the correct answer
d. atmosphere
- 3) To the question: Which one of these is an element of climate?
71,1% of respondents chose the correct answer
b. precipitation, rainfall
- 4) To the question: Climate change is:
71,1% of respondents chose the correct answer
c. a natural process that is also influenced by a human activity
- 5) To the question: A process that occurs when special gases in Earth's gas envelope trap the Sun's heat. This process makes Earth much warmer than it would be without this gas envelope. Its name is:
65,8% of respondents chose the correct answer
b. greenhouse effect
- 6) To the question: Which gas isn't involved in the trapping Sun's heat and causing the global warming effect from the previous task?
21,1% of respondents chose the correct answer
a. helium (He)

- 7) To the question: What is the source of the emission of these gases causing global warming effect?
47,4% of respondents chose the correct answer
d. all of them (a traffic an agriculture: cattle and pig rearing, volcano eruptions)
- 8) To the question: Which one of these energy resources is the cleanest and has the lowest impact on the climate?
15,8% of respondents chose the correct answer
c. uranium
- 9) To the question: Which one these effects of the global climate change has a positive side and is really true?
31,6% of respondents chose the correct answer
a. ice cap melting in the Arctic Ocean (new all-year transport routes for ships)
- 10) To the question: Is it important to store huge quantities of water, which comes from rainfall or snow melting in the spring, in retention reservoirs and to use it later for drinking or irrigation of the plants?
68,4% of respondents chose the correct answer
d. yes, the water circulates in nature all the time, there are periods when there is too much of it (floods) and the periods of shortage (droughts). It's important to be ready for both of t

Conclusions:

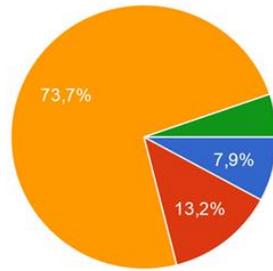
1. The students have less than sufficient knowledge, awareness and attitudes towards climate protection, changes climate, their effects. The average of 10 questions is: **47.38%**
2. Specific and in-depth questions in this area pose a problem for them:
 - Which gas isn't involved in the trapping Sun's heat and causing the global warming effect from the previous task?
21.1% of respondents chose the correct answer
 a. helium (He)
 - What is the source of the emission of these gases causing global warming effect?
47.4% of respondents chose the correct answer
 d. all of them (a traffic an agriculture: cattle and pig rearing, volcano eruptions)
 - Which one of these energy resources is the cleanest and has the lowest impact on the climate?
15.8% of respondents chose the correct answer
 c. uranium
 - Which one these effects of the global climate change has a positive side and is really true?
31.6% of respondents chose the correct answer
 a. ice cap melting in the Arctic Ocean (new all-year transport routes for ships)

Recommendations

The activities planned in the project must be implemented. They are to be used to increase knowledge, awareness and attitudes towards climate protection, changes climate, their effects. In 2021 the survey will be repeated. The results of both questionnaires will be compared.

1) What is a climate?

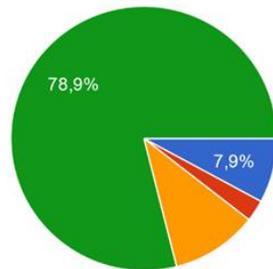
38 odpowiedzi



- local current weather
- permanent weather conditions on the Earth
- the weather conditions prevailing in an area in general or over a long period
- a large air mass

2) An envelope of gases surrounding the Earth is named:

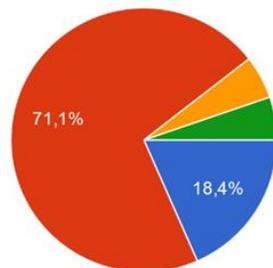
38 odpowiedzi



- hydrosphere
- biosphere
- lithosphere
- atmosphere

3) Which one of these is an element of climate?

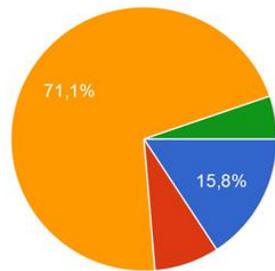
38 odpowiedzi



- altitude
- precipitation, rainfall
- sea currents
- type of vegetation, plants

4) Climate change is:

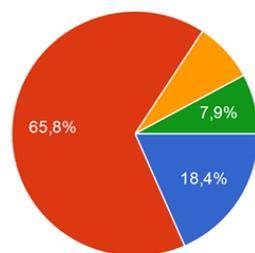
38 odpowiedzi



- a new process that has never happened before and is completely caused by a human activity
- an old, natural process that has happened multiple times since the formation of the Earth and isn't conne...
- a natural process that is also influenced by a human activity
- a process visible only in the few regions of the world

5) A process that occurs when special gases in Earth's gas envelope trap the Sun's heat. This process makes Earth much warmer than it would be without this gas envelope. Its name is:

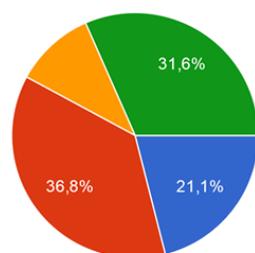
38 odpowiedzi



- ozone hole
- greenhouse effect
- glaciation
- weathering

6) Which gas isn't involved in the trapping Sun's heat and causing the global warming effect from the previous task?

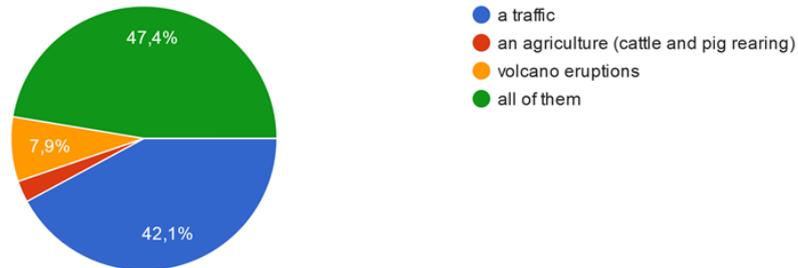
38 odpowiedzi



- helium (He)
- carbon dioxide (CO2)
- methane (CH4)
- water vapour (H2O)

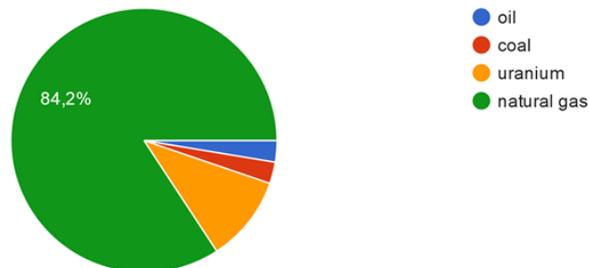
7) What is the source of the emission of these gases causing global warming effect?

38 odpowiedzi



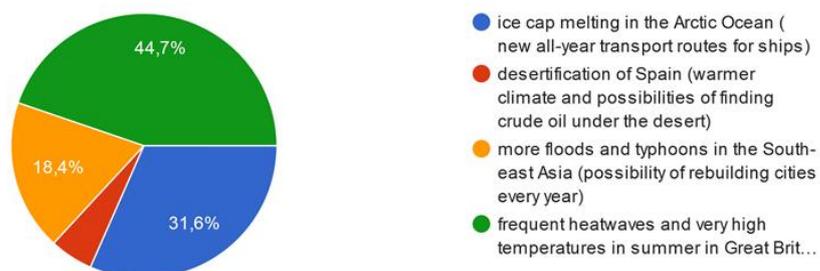
8) Which one of these energy resources is the cleanest and has the lowest impact on the climate?

38 odpowiedzi



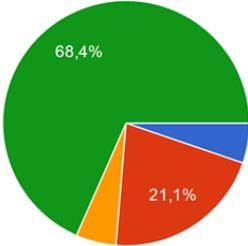
9) Which one these effects of the global climate change has a positive side and is really true?

38 odpowiedzi



10) Is it important to store huge quantities of water, which comes from rainfall or snow melting in the spring, in retention reservoirs and to use it later for drinking or irrigation of the plants?

38 odpowiedzi



- no, water is for free, it's always available
- yes, the Earth will eventually run out of the water resources and will be completely dry
- no, we have plenty of good water in oceans and seas
- yes, the water circulates in nature all the time, there are periods when there is too much of it (floods) and the peri...