



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”**

**12/2021 – 01/2022**

The survey was addressed to the students of 6 partner countries. It concerned knowledge, awareness and attitudes towards climate protection, changes climate, their effects.

44 students took part in the survey.

**Conclusions:**

1. The students know exactly what climate is (70,5%) and
2. how it is influenced by the atmosphere (93%)

**3.** They think that precipitations and rainfalls are main elements of climate (67,4%) while vegetation (16,3%) and sea current (9,3%) and altitude (7%)

**4.** The majority (56,8%) think that climate is an old natural process that happens but it is also influenced by humans.

**5.** They know that special gases trap the Sun's heat and are responsible for the greenhouse effect (68,2%) and the ozone hole (25%).

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

43,2% of respondents chose the correct answer (21,1% in 2020)

a. helium (He)

**7.** *"What is the source of the emission of these gases causing global warming effect?"*

70% of respondents chose the correct answer (47,4% in 2020)

d. all of them (a traffic an agriculture: cattle and pig rearing, volcano eruptions)

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

30,2% of respondents chose the correct answer (15,8% in 2020)

c. uranium. While 46,5% natural gas

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

45,5% of respondents chose the correct answer (31,6% in 2020)

a. ice cap melting in the Arctic Ocean (new all-year transport routes for ships)

**10.** 63,6% agree that it is very important to store water from rainfalls or snow and use it for irrigation or drinking.

### **Recommendations**

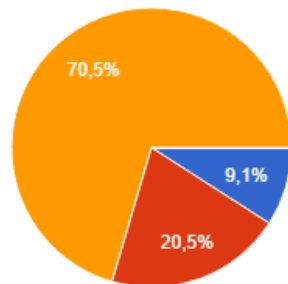
Comparing the 2 surveys we realize that our students have a much better knowledge about climate changes, its effects and its protection.

The specific and in-depth questions didn't pose a problem to the majority of them.

It means that all our project activities during those 2 years had a very positive result

### 1. What is a climate?

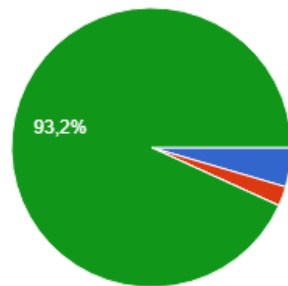
44 απαντήσεις



- 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:

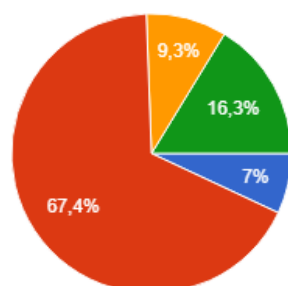
44 απαντήσεις



- hydrosphere
- biosphere
- lithosphere
- atmosphere

### 3. Which one of these is an element of climate?

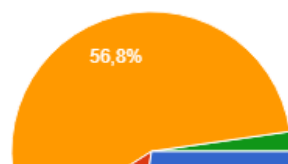
43 απαντήσεις



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

### 4. Climate change is:

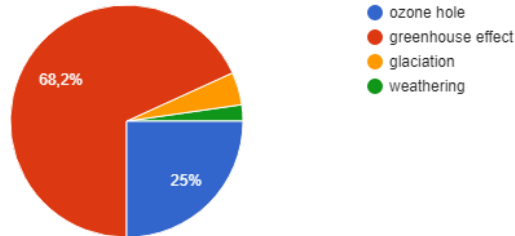
44 απαντήσεις



- a new process that has never happened before and is completely caused by huma...
- an old, natural process that has happened multiple times since the formation of the Earth and...

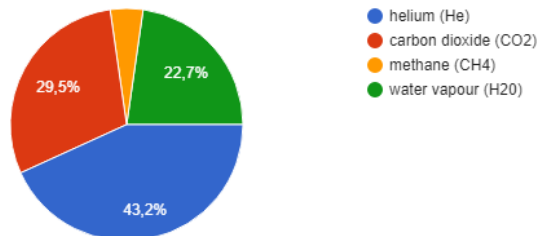
5. A process that occurs when special gases in Earth's gas envelope trap the Sun's heat. This process makes Earth much warmer than it would be without this gas envelope. Its name is:

44 απαντήσεις



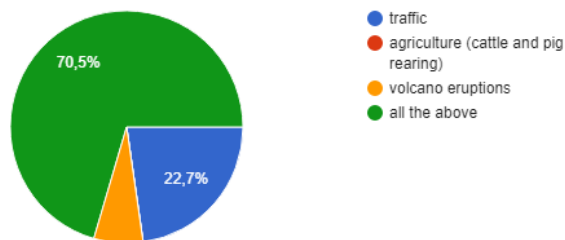
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44 απαντήσεις



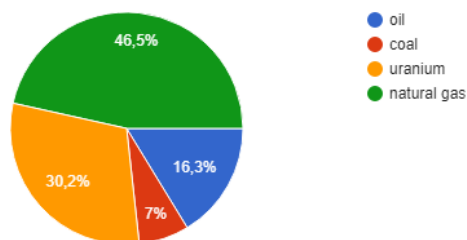
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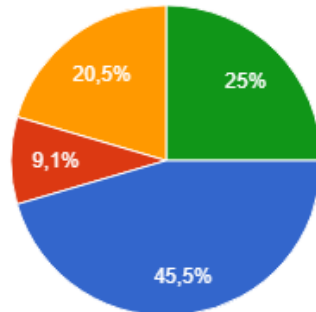
8. Which one of these energy resources is the cleanest and has the lowest impact on the climate?

43 απαντήσεις



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

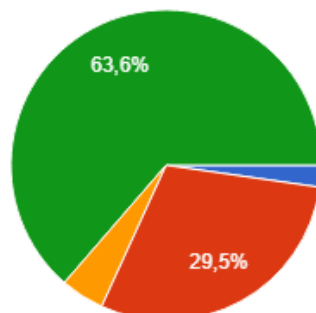
44 απαντήσεις



- ice cap melting in the Arctic Ocean (new all-year transport routes for ships)
- desertification of Spain (warmer climate and possibilities of finding crude oil under the de...)
- more floods and typhoons in the South- east Asia (possibility o...)
- frequent heatwaves and very high temperatures in summer...

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?

44 απαντήσεις



- 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 mu...