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QUESTIONNAIRE FOR STUDENTS AND TEACHERS

ERASMUS+ PROJECT VIRAL
ENVIRONMENTAL EVALUATION
2022-1-ES01-KA220-SCH-000088907

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INTRODUCTION

This document presents the survey conducted within the framework of the Erasmus+ project VIRAL (Project No. 2022-1-ES01-KA220-SCH-000088907). The survey was designed to gather insights and perspectives from both teachers and students regarding environmental issues and climate change.

The survey was structured in a general format that was applicable to both teachers and students, with additional specific questions tailored specifically for teachers. The purpose of the survey was to assess the level of awareness, knowledge, and perceptions towards environmental sustainability, as well as to identify areas where educational interventions and initiatives can be implemented to promote positive behavioural changes.

QUESTIONNAIRE

Anonymous survey

Through this form we want to know how much you know and what you think about certain topics. The survey will be anonymous, we ask you to answer honestly to the following questions, there are no right answers. Thank you very much for your time and collaboration.

GENERAL

1. Which school do you belong to?

- 1.1. SPAIN - IES Botànic Cavanilles
- 1.2. PORTUGAL - Profissional de Alte, Cândido Guerreiro
- 1.3. NETHERLANDS - BC Broekhin
- 1.4. NETHERLANDS - Vrijeschool Broekhin
- 1.5. NETHERLANDS - Connect College
- 1.6. NETHERLANDS - Grescollege
- 1.7. NETHERLANDS - Nt2 Mundium College
- 1.8. NETHERLANDS - ROER College Schöndeln
- 1.9. NETHERLANDS - Sint Ursula
- 1.10. NETHERLANDS - Wings Agora
- 1.11. NETHERLANDS - Wings Niekée



2. Gender

- 2.1. Male
- 2.2. Female
- 2.3. Non-binary
- 2.4. I prefer not to say
- 2.5. I identify with the term: _____

3. Where have you heard about Climate Change?

- 3.1. Social Communication (TV programs, radio, newspaper)
- 3.2. Social media
- 3.3. School
- 3.4. Friends or family
- 3.5. Other: _____

4. What is the first thing that comes to your mind when you hear the term "Climate Change"?

- 4.1. Environmental problems
- 4.2. Lies
- 4.3. Sustainable solutions
- 4.4. Extreme droughts
- 4.5. Rising seawater levels
- 4.6. Extreme weather events
- 4.7. Planet in danger
- 4.8. Human extinction
- 4.9. Nothing
- 4.10. Other: _____

5. Do you think the climate is really changing?

- 5.1. Yes
- 5.2. I don't think so
- 5.3. I don't know

6. If you answered yes, what do you think is the reason?

(you can check more than one option)

- 6.1. Industry



- 6.2. Transportation
- 6.3. Consumption
- 6.4. Deforestation
- 6.5. Agriculture and livestock
- 6.6. Natural causes
- 6.7. All of the above
- 6.8. Other: _____

7. What do you think needs to change globally to reduce climate change?

(you can check more than one option)

- 7.1. Recycle, buy fewer products and buy more consciously
- 7.2. Reduce energy consumption
- 7.3. New government policies
- 7.4. Innovative technologies and new energy sources
- 7.5. Improving high-speed rail to replace short-haul flights
- 7.6. Forestry and regenerative farming
- 7.7. Increasing green spaces in schools and cities
- 7.8. Reduce the use of individual transportation
- 7.9. Reduce meat consumption
- 7.10. There are no viable initiatives, we must adapt to change
- 7.11. There is no such thing as climate change
- 7.12. Other: _____

8. What do you think you can do from your place to reduce climate change?

(you can check more than one option)

- 8.1. Contribute to the selective collection of solid urban waste (improve the recycling rate).
- 8.2. Consume fewer products/more consciously. Prioritise local products
- 8.3. Reuse what you have and exchange within the network of friends and family.
- 8.4. Reduce energy and water consumption in the home
- 8.5. Use more public transportation and bicycles
- 8.6. Consume less meat
- 8.7. Raise awareness, set an example
- 8.8. Do environmental volunteering and activism activities.
- 8.9. Plant more trees



8.10. I don't think my activity will affect

8.11. Other: _____

9. Do you currently do any of the actions in the previous question?

(you can check more than one option)

9.1. Separate solid wastes, recycle or reuse

9.2. Reduce consumption of products

9.3. Reuse and exchange in the network of friends and family and workshops

9.4. Reduce energy and water consumption at home

9.5. Use public transportation and bicycles

9.6. Consume less meat

9.7. Raise awareness, set an example

9.8. Plant trees

9.9. Do environmental volunteering and activism activities.

9.10. Nothing

9.11. Other: _____

10. How concerned are you about climate change?

1

2

3

4

5

11. How do you feel when climate change is discussed?

(you can check more than one option)

11.1. Guilt

11.2. Indignation

11.3. Hope

11.4. Fear

11.5. Inability

11.6. Happiness

11.7. Resignation

11.8. I feel nothing

11.9. Other: _____

12. What is your role in the school?

- 12.1. Teacher
- 12.2. Administrative or technical
- 12.3. Student
- 12.4. Other: _____

MOBILITY

18. How many times a day do you commute to school or work? (Return)

Number of times per day: 0, 1, 2, 3, 4, 5, 6 or more

19. How do you commute to school or work?

(you can check more than one option)

- 19.1. Conventional car
- 19.2. Electric car
- 19.3. Public transportation
- 19.4. Bicycle
- 19.5. Scooter or electric bicycle
- 19.6. Walking
- 19.7. Other: _____

20. On infrastructure and means of transport -rate between 1, difficult, 5 very easy-

(if your city does not have any of these services, do not answer that service)

	1	2	3	4	5
Bicycle commuting (bicycle lane)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public transport (punctuality/reliability)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public transport (price)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public transport (convenience of use)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electric vehicle charging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



21. Rate the environmental impact you think your commute has

1 2 3 4 5

22. Would you like to participate in initiatives to promote environmentally friendly mobility at school or in your city?

- 22.1. Yes
- 22.2. No
- 22.3. Maybe

CONSUMPTION

23. About food shopping habits: point out those that you practise

	I do not do the shopping	Never	Occasionally	Regularly	Always
The products I buy have plastic packaging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The products I buy have biodegradable packaging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I buy without packaging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I buy organic/biological products	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I buy local/proximity products	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



24. About eating habits: point out the ones you practise

	Never	Occasionally (3 days per week)	Regularly (5 days per week)	Always (7 days per week)
I eat homemade food	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I use home delivery services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I buy processed food from the supermarket	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I eat in restaurants or bars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I eat in the school canteen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I eat meat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

25. What actions do you take to avoid wasting food?

- 25.1. In restaurants I only order what I am really going to eat and if there is food left over, I take it home
- 25.2. I do my shopping for the week, planning the portions I will eat
- 25.3. I put leftovers in the fridge, well identified and with expiration dates in sight
- 25.4. I cook with leftovers from other meals and make original dishes
- 25.5. All of the above
- 25.6. I never thought of that
- 25.7. Other: _____

26. How do you find out about the products you buy?

(you can check more than one option)

- 26.1. I look at the label of the products to know their origin due to environmental impact issues.
- 26.2. I look at the label of the products for health reasons.
- 26.3. I look for information about the company before buying
- 26.4. I buy products based on price



27. On average, how much clothing do you buy per month?

Number of purchases: 0, 1, 2, 3, 4, 5 or more

28. Regarding your clothing purchase decision, point out the elements that you take into consideration

	Not important	It is a factor I take into account	It is very important
Price	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design and brand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental impact	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social impact and human rights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Locally produced	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reusing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>





29. Regarding your decision to purchase technological devices, point out the elements that you take into consideration

	Not important	It is a factor I take into account	It is very important
Price	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design and brand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental impact	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social impact and human rights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Locally produced	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I buy second-hand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

30. How often do you shop online? (average per month)

Number of purchases: 0 to 10

31. In your school, do any of the following activities take place?

- 31.1. Disposal of disposable plastic cups, plates, cutlery in the lunchroom, events, etc.
- 31.2. Use of water dispensers or drinking fountains
- 31.3. Recycling/reuse
- 31.4. Composting
- 31.5. Clothing collections
- 31.6. Collection of technological products
- 31.7. Collection of cork stoppers and plastic stoppers
- 31.8. Use of local and organic/ecological products in the school bar and cafeteria
- 31.9. Organic vegetable gardens
- 31.10. None
- 31.11. Other: _____





ENERGY

32. Do you know the energy label for household appliances?

- 32.1. Yes
- 32.2. No

33. If yes, do you have energy efficient appliances at home?

- 33.1. Yes
- 33.2. No
- 33.3. I have not checked

34. What type of energy do you use at home?

- 34.1. Gas
- 34.2. Diesel
- 34.3. Grid electricity
- 34.4. Renewable energy generated at home (e.g. solar panels)
- 34.5. Firewood
- 34.6. Coal
- 34.7. I don't know
- 34.8. Other: _____

35. Do you have air conditioning in your home?

- 35.1. Yes
- 35.2. No

36. If your answer is affirmative, at what temperature do you set the air conditioner in your home?

- 36.1. 16° or lower
- 36.2. 17° to 20°
- 36.3. 21° to 24°
- 36.4. 25° or higher
- 36.5. I don't know

37. In winter, how do you dress while the heating is on?

- 37.1. With a warm sweater



- 37.2. Sometimes with a sweater, sometimes just a T-shirt
- 37.3. With short sleeves

38. Do you use energy efficient lights?

- 38.1. Yes
- 38.2. No
- 38.3. I don't know

39. Are the electronic devices in your home plugged into the mains when not in use?

- 39.1. Yes, all of them
- 39.2. No
- 39.3. Some

40. What do you think is a limitation to use cleaner energies?

- 40.1. Price
- 40.2. Knowledge about different options
- 40.3. I don't know
- 40.4. No constraint
- 40.5. Other: _____

41. Do you think there are changes that could be made to make more efficient use of energy in the school?

(check the options that you think are a priority)

- 41.1. Installation of solar panels to generate renewable energy
- 41.2. Promoting the use of environmentally friendly means of transportation among students and teachers
- 41.3. Lights are always on even if the space is not in use, a lighting system with motion sensors could be implemented
- 41.4. Energy or heating efficiency
- 41.5. Improve school insulation and keep doors and windows closed
- 41.6. Setting energy consumption reduction goals and targets and measuring progress
- 41.7. Energy efficiency education in classrooms and workshops
- 41.8. Promoting the use of power shut-off devices for electronic equipment when not in use



41.9. Promotion of cell phone and computer chargers, producing mechanical energy through bicycles

41.10. Other: _____

42. Would you like to participate in initiatives to reduce energy consumption in the school?

42.1. Yes

42.2. No

42.3. Probably

SPECIFIC QUESTIONS FOR TEACHERS

13. In your opinion, are the students at your school sufficiently aware of environmental issues and climate change?

1 2 3 4 5

1- Not sensitised

5- Has knowledge and awareness about environmental and climate change issues

14. In your opinion, should teachers have more teaching skills and tools to promote changes in students in terms of individual behaviours in relation to the environment?

14.1 Yes, it is very important

14.2 Maybe it is

14.3 No, I don't think it's necessary

15. Do you think that you have skills and tools on how, from your area, to promote changes in students in terms of individual behaviours in relation to the environment?

1 2 3 4 5

1 - I do not have the necessary skills and tools

5 - I have the necessary knowledge and skills





16. Are you familiar with the VIRAL project (EnVIROnmental evALuation project method for secondary schools)?

16.1 Yes

16.2 No

17. If yes, do you think that the VIRAL project can respond to the needs of the school in promoting changes in students in terms of individual behaviours in relation to the environment?

16.3 Yes

16.4 Maybe

16.5 No

Your reply has been registered. Thank you for your time and cooperation.