

PRE SOCIO-BEE Citizen Science Activists Evaluation Questionnaire

This questionnaire is filled in ONCE, for ex-ante analysis, by those participants about to start a campaign to provide info regarding their expectations, that will be then after the campaign be compared with answers to the same questions after having completed the campaign.

SOCIO-BEE (Wearables and droneS fOr Clty Socio-Environmental Observations and BEhavioral ChangE) project has been funded by H2020 programme for research, technological development and demonstration , under grant agreement No 101037648 . For more information about the project, please visit: <https://socio-bee.eu/>

* Indica que la pregunta es obligatoria



Consent form SOCIO-BEE

All the information that we collect about you during the course of the research will be kept strictly confidential. You will not be able to be identified in any publications. The results of this investigation may be published in reports, scientific journals or conferences and used in further studies, but it will not be possible to identify the source of the information. Nothing of the provided data will be handed out to third parties. The authorization for the use and access to your information is valid until the end of the project, unless you decide to cancel it before. Your decision whether or not to give your authorization for the use and diffusion of the information provided by you is completely voluntary.

If you want further information about the SOCIO-BEE project you click in this [Information Sheet link](#)

Based on all the information provided in the information sheet we continue with the following.

Regarding *my participation*, or the *participation of a minor I represent*, in the project, I declare that:

- I have been informed that SOCIO-BEE project is a research project currently run under the Horizon 2020 Framework Programme under the grant agreement no. 101037648. The co-ordinator of the project is CERTH (ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS). The coordinator of the project may be contacted at +30 2310 498100. The coordinator of this study may be contacted with regard to any question about my participation at drosou@iti.gr or at +30 23 10 498 100. I have been informed that in case of injury, I can contact the following number [insert national emergency number, e.g. 112].
- I have read and understood the Research Ethics Protocol for SOCIO-BEE Citizen Scientists and I abide by its principles.
- I have been informed about the purposes of the project and I have fully understood which tasks my participation in the study entails from my side. I had enough time to think and I have been able to ask all the questions that have come to mind and I have received a clear answer to those questions.
- I have fully understood that my participation is entirely voluntary and that I can withdraw at any time without any detrimental consequences.
- I understand I will not be paid for my participation.
- I understand the risks that my participation to this research may carry.
- I understand that if I choose to withdraw from the project, I am obliged to return all the technology and tools I have received from the SOCIO-BEE partners.
- I understand the benefits that my participation to this research entails.

Consent form acceptance

Regarding the *processing of my personal data*, or the *personal data of the minor I represent*, in the project, I declare that:

- I understand that my personal data will be made available only to the SOCIO BEE Consortium and the European Commission, if requested.
- I was informed about the nature, the purposes and the context of the processing.
- I was informed about my rights as a data subject, including my right to lodge a complaint with the relevant supervisory authority.
- I was given the contact details of the project coordinator and the data protection officer and I understand that I can contact them for any relevant questions in relation to the processing of my personal data.
- I understand that no further use of my personal information in the course of the project is foreseen.
- I understand that I am free to withdraw my consent for the processing of my personal data at any time without any negative consequences.
- I understand that I can ask for photographic and video material featuring me to not be further used by the project, by contacting the end user at [add contact details of the person responsible [ZGZ, Maroussi, Ancona]].
- I was informed about the risks arising from the processing and about the safeguards put in place to mitigate them.
- I require my participation remains anonymous and that I will not be identified in any research results.
- I understand that the laws of [Spain, Greece, Italy] shall apply.
- I hereby give my consent for my personal data to be processed by [end user name - ZGZ, Maroussi, Ancona] for the purposes of the project activities.

1. 2.1 Please, provide your email account *

2. 2.2 Consent (if you do not consent you will not be able to continue with the questionnaire) *

Selecciona todos los que correspondan.

☐ I accept the consent form

Citizen Science Activists Evaluation Questionnaire

This pre evaluation questionnaire is targeted to potential Queen Bees, Worker Bees and Beekeepers. Those more highly engaged in the Citizen Science experiments that are co-created with the expectation to enhance and address Air Quality issues in their communities.

Please notice that whenever there is a range of values the middle value corresponds to a neutral (don't know/don't care) answer.

Tell us about yourself

We kindly request you to answer the questions below in order to improve the quality of the test

3. 4.1 In what role would you use SOCIO-BEE platform? *

Marca solo un óvalo.

- ☐ Worker bee
- ☐ Queen bee
- ☐ Beekeeper

4. 4.2 What is your age? *

Marca solo un óvalo.

- ☐ 12-14
- ☐ 14-16
- ☐ 16-18
- ☐ 18-35
- ☐ 35-50
- ☐ 50-65
- ☐ 65-70
- ☐ 70-75
- ☐ over 75

5. 4.3 Gender *

Marca solo un óvalo.

- ☐ Female
- ☐ Male
- ☐ I do not want to answer

6. 4.4 What is your level education? *

Marca solo un óvalo.

- ☐ Secondary school
- ☐ High school diploma
- ☐ Vocational training
- ☐ Bachelor's degree
- ☐ Master's degree
- ☐ PhD
- ☐ Other

7. 4.5 How well do you use digital tools (mobile phone, tablet, pc...)? *

Marca solo un óvalo.

- ☐ Zero level
- ☐ Basic level
- ☐ Intermediate level
- ☐ Advanced level

8. 4.6 Could you indicate your work status? *

Marca solo un óvalo.

- ☐ Unemployed
- ☐ Self-employed
- ☐ Employed (private sector)
- ☐ Employed (public sector)
- ☐ Retired
- ☐ Student
- ☐ Other

9. 4.7 Choose your location *

Marca solo un óvalo.

- ☐ Ancona
- ☐ Maroussi
- ☐ Zaragoza
- ☐ Otro: _____

Acceptance

The following questions are based on The Technology Acceptance Model ([Davis, 1989](#)).

10. 5.1 As citizen scientist and by using the SOCIO-BEE tools i could complete various relevant activities faster *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

11. 5.2 Using SOCIO-BEE would make it easier to understand the effects of Air Quality and take decisions for mitigating air pollution *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

12. 5.3 By using SOCIO-BEE tools will help me to reflect on my daily habits and to consider changes in my routines that will positively affect the environment *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

13. 5.4 My interaction with SOCIO-BEE tools (wearable sensor, AcadeME, Drone, Campaign Blueprint, Toolkit or SOCIO-BEE knowledge portal) would be clear and understandable *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

14. 5.5 I expect that SOCIO-BEE tools will be easy to use *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

Interests and attitudes

Some of the following questions are based on an Instrument for Examining Elementary Engineering Student Interests and Attitudes ([Lachapelle & Brennan, 2018](#)).

15. 6.1 I am interested or engaged in science *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

16. 6.2 I would like to be involved in new citizen science projects *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

17. 6.3 I have an overall understanding of the scientific process *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

18. 6.4 I really want to learn science *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

19. 6.5 Science is fun *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

20. 6.6 Science is useful in helping to understand the problems of everyday life *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

21. 6.7 It is important for me to understand science *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

22. 6.8 Scientific advances create problems in the world *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

23. 6.9 Scientists help make people's lives better *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

24. 6.10 I would enjoy being a scientist as a career *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

25. 6.11 I would enjoy a job helping to protect the environment *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

26. 6.12 If you have previously participated in Citizen Science activities, what was your experience like? What did it consist of? *

Awareness regarding Air Quality

27. 7.1 SOCIO-BEE platform's visualizations and analysis tools would enhance the decision-making process towards fighting against Air pollution *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

28. 7.2 Thanks to SOCIO-BEE I would be more aware of air quality issues *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

Behavioral change

29. 8.1 I am concerned about the levels of air pollution in my city / neighbourhood *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

30. 8.2 I feel that I can take actions to reduce my personal contribution to the problem of air pollution *

Marca solo un óvalo.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

31. 8.3 Air pollution levels in your city/ neighbourhood. Please indicate how much you think you know about each statement below *

Marca solo un óvalo.

	1	2	3	4	5	
Not	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	A lot

32. 8.4 Initiatives to tackle air pollution in your city / neighbourhood. Please indicate how much you think you know about each statement below *

Marca solo un óvalo.

	1	2	3	4	5	
Not	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	A lot

33. 8.5 If possible I rather walk/bike or take public transport than drive a car *

Marca solo un óvalo.

	1	2	3	4	5	
Nev	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Always

34. 8.6 I talk with others about environmental pollution / climate change *

Marca solo un óvalo.

	1	2	3	4	5	
Nev	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Always

Thank you very much for your time!

Este contenido no ha sido creado ni aprobado por Google.

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