

GREENGAGE - POST Impact ex post Questionnaire (CO participants)

In this questionnaire we want to assess the economical, environmental, political, scientific and social impact perception changes and benefits resulting from your participation in the GREENGAGE project.

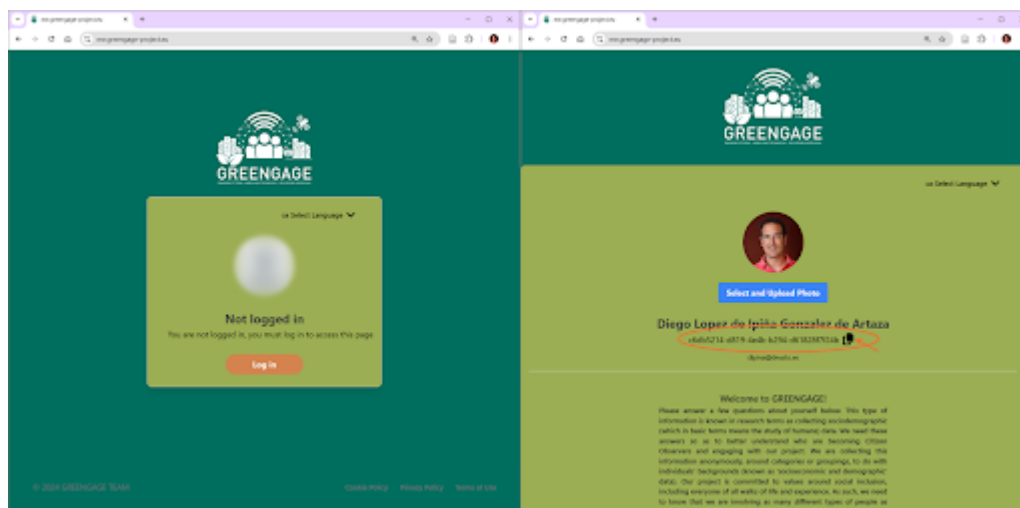
* Indicates required question

Impact ex-post Questionnaire



Consent and demographic data check

1. 1.1 Indicate your GREENGAGE unique ID - get your ID *
at <https://me.greengage-project.eu/> (copy it clicking right hand side icon after your name)



2. 1.2 Have you previously accepted GREENGAGE consent's form? *

Mark only one oval.

- ☐ Yes Skip to question 4
- ☐ No Skip to question 3

Consent form acceptance

The consent form explains the purpose of the study, details participants' rights, and outlines measures to ensure data privacy, including secure storage and anonymization of all personal information.

Consent form GREENGAGE

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 GREENGAGE project you click in this [Participant's Information Sheet](#)

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

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

- I have been informed that GREENGAGE project is a research project currently run under the Horizon Europe Framework Programme under the grant agreement no. 101086530. The co-ordinator of the project is AIT (AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH). The coordinator of the project may be contacted at contact@greengage-project.eu. The coordinator of this study may be contacted with regard to any question about my participation at contact@greengage-project.eu.
- I have read and understood the Research Ethics Protocol for GREENGAGE 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 GREENGAGE partners.
- I understand the benefits that my participation to this research entails.

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

- I understand that my personal data will be made available only to the GREENGAGE 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 privacy@greengage-project.eu.
- 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 EU shall apply.
- I hereby give my consent for my personal data to be processed by GREENGAGE project for the purposes of the project activities.

3. 1.2 Consent (if you do not consent you will not be able to continue with the questionnaire) *

Tick all that apply.

☐ I accept the consent form

Impact on employment

4. 2.1 Did GREENGAGE create, in a direct or indirect way, new jobs within your close network? *

Mark only one oval.

☐ Yes

☐ No

5. 2.1.1 Could you tell me more about it?

6. 2.2 Did the project have an impact on your job and employability? *

Mark only one oval.

☐ Yes, I changed or I got a new job as a result of the citizen science project

☐ No

Environmental issues and concerns

7. 2.1 Listed below are statements about the relationship between humans and the environment. For each one, please indicate whether you strongly agree, mildly agree, are unsure, mildly disagree or strongly disagree with it. *

Mark only one oval per row.

	Strongly disagree	Mildly disagree	Unsure	Mildly agree	Strongly agree
We are approaching the limit of the number of people the earth can support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humans have the right to modify the natural environment to suit their needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When humans interfere with nature, it often produces disastrous consequences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Human ingenuity/intelligence will ensure that we do NOT make the earth unliveable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humans are severely abusing the environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The earth has plenty of natural resources if we just learn how to develop them	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Plants and animals have as much right as humans to exist	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The balance of nature is strong enough to cope with the impacts of modern industrial nations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Despite our special

Despite our special abilities, humans are still subject to the laws of nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The so-called "ecological crisis" facing humankind has been greatly exaggerated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The earth is like a spaceship with very limited room and resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humans were meant to rule over the rest of nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The balance of nature is very delicate and easily upset/disturbed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humans will eventually learn enough about how nature works to be able to control it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If things continue on their present course, we will soon experience a major ecological catastrophe	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Ecological behaviours

8. 3.1 Listed below are statements related to green behaviours. Please, indicate to what extent you observe or follow the following behaviours in your daily routine. For each one, please indicate whether you always do the referred behaviour, often, sheldomly, never or you do not know what to say about.

Mark only one oval per row.

	Yes, always	Yes, often	Sheldom	Never	I do not know
I try to buy only products that can be recycled.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When there is a choice, I always choose that product which contributes to the least amount of pollution.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To save energy, I drive my car as little as possible.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I try to buy energy efficient household appliances	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If I understand the potential damage to the environment that some products can cause, I don't purchase these products	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

these products.

I buy high efficiency light bulbs to save energy.

usually

purchase the lowest price products, regardless of its impact on society.

I have convinced members of my family or friends not to buy some products which are harmful to the environment.

environment.

Self-perceived efficacy and social desirability

9. 4.1 Listed below are statements about your self perceived efficacy and social desirability in relation to the environment. For each one, please indicate in a humble and honest way whether you strongly agree, mildly agree, and unsure, mildly disagree or strongly disagree with it. *

Mark only one oval per row.

	Strongly disagree	Mildly disagree	Unsure	Mildly agree	Strongly agree
It is worthless for the individual citizen to do anything about pollution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Since one person cannot have any effect upon pollution and natural resources problems, it doesn't make any difference what I do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Each consumer's behaviour can have a positive effect on society by purchasing products sold by socially responsible companies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I will be more inclined to behave pro-environmentally when peers/people in my neighbourhood/community are also engaged in that behaviour	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Political impact questions in general

10. 2.1 Please read the following items and assign a value from 1 to 5, where 1 is: *
“not at all” and 5 is “in a very significant way”.

Activity refers to the involvement in the project

Mark only one oval per row.

	1	2	3	4	5
After participating in the GREENGAGE project I inform myself more often about general politics (issues, candidates, environmental threats, social challenges and so on)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
After participating in the GREENGAGE project I talk more often about general politics (issues, candidates, environmental threats, social challenges and so on) with my family or friends.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
After participating in the GREENGAGE project I communicate more often with politicians about gneral	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

politics
(issues,
candidates,
environmental
threats, social
challenges
and so on)

The
GREENGAGE
activity
increased my
engagement
in political
groups or
activities (e.g.
party
membership,
work for
candidates,
protesting,
lobbying).

☐☐☐☐☐

The
GREENGAGE
activity
increased my
civic
engagement
(e.g.
membership
in voluntary
associations,
charities or
environmental
groups).

☐☐☐☐☐

This
GREENGAGE
activity
triggered me
to create or
become
involved in
data-
evidence-
based
community
projects.

☐☐☐☐☐

This
GREENGAGE

☐☐☐☐☐

activity
triggered me
to create or
become
involved in
civic society
organisations
or groups to
organise
community
projects:

This activity
triggered me
to organise
events or
initiatives to
raise
awareness
about and
involve more
actors in
community
projects:



11. 2.2 Please give details about data-evidence-based community projects/activities you may have got involved in

*

12. 2.3 For the items that you agree most with (scored 3 or higher) in question 2.1, * please tell us what specific improvement/change did you notice? Provide some few examples to illustrate it.

13. 2.4 Considering all the above-mentioned items, do you have any additional * information regarding political impact aspects to be added?

Scientific Impact

14. 3.1 Science is making our life healthier, easier and more comfortable *

Mark only one oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

15. 3.2 The benefits of science are greater than any harmful effect *

Mark only one oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

16. 3.3 Science makes our way of life move too fast *

Mark only one oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

17. 3.4 We depend too much on science and not enough on faith *

Mark only one oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree**Science literacy**

18. 4.1 How would you rate your interest or engagement in science? *

Mark only one oval.

1 2 3 4 5

Not ☐ ☐ ☐ ☐ ☐ A lot

19. 4.2 How would you rate your intention to be involved in new citizen science projects? *

Mark only one oval.

1 2 3 4 5

Not ☐ ☐ ☐ ☐ ☐ A lot

20. 4.3 How would you rate your understanding of the scientific process? *

Mark only one oval.

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

21. 4.4 How would you rate your interest in science as a career? *

Mark only one oval.

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

Community building and empowerment

Please read the following statements and attribute a value from 1 to 5, where 1 is “strongly disagree” and 5 is “strongly agree”

22. 2.1 By participating to the project I met new people *

Mark only one oval.

	1	2	3	4	5	
Stro	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

23. 2.2 By participating to the project I met new people, who are different from me in terms of age and/or level of education and/or social status *

Mark only one oval.

	1	2	3	4	5	
Stro	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

24. 2.3 I will keep in touch with the new people I met in the project *

Mark only one oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

25. 2.4 By participating to the project, I improved the relationships with other participants I knew already *

Mark only one oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

26. 2.5 Participating in this project increase my trust in other participants and/or in my local community *

Mark only one oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

27. 2.6 Participating in this project increases my trust for the Citizen Observatory manager/owner (Bristol, Copenhagen, Gerace, Turano, Noord Brabant) *

Mark only one oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strongly agree

Knowledge, skills and competences

28. 3.1 Did you complete already an ex-ante (PRE) survey on social impact for this project? *

Mark only one oval.

- ☐ Yes *Skip to question 34*
- ☐ No

Knowledge, skills and competence (continuation)

29. 3.1 How would you describe your understanding of the scientific process and methods (in other terms what is science and how it works) before engaging with the project? *

Mark only one oval.

- ☐ I was new to this
- ☐ I had a basic understanding of scientific processes
- ☐ I had a good understanding of scientific processes
- ☐ I was already an expert

30. 3.2 How would you describe your understanding of Citizen Observatories or Citizen Science campaigns before the project started? *

Mark only one oval.

- ☐ I was totally new to this topic
- ☐ I had a basic understanding of the phenomenon
- ☐ I had a good understanding of the phenomenon
- ☐ I was an expert already

31. 3.3 How familiar were you with GREENGAGE's approach and tools to facilitate and support realization of Citizen Observatories? *

Mark only one oval.

- ☐ I was totally new to it
- ☐ I knew what they are, how they work but I never used one before
- ☐ I used them before
- ☐ I was an expert

32. 3.4 Did you participate in scientific activities before? (i.e. considering all the stage of the scientific process from the formulation of research questions and hypothesis to the analysis of data passing for data gathering and curation) *

Mark only one oval.

- ☐ Yes *Skip to question 33*
- ☐ No *Skip to question 34*

Knowledge, skills and competence (continuation) - Participation in scientific activities

33. 3.4.1 Tell us about your previous experience in Citizen Science processes *

Knowledge, skills and competence (learning)

34. 3.5 After this project do you think you will enrol in training courses about Green Deal/enviromental/social (pollution, mobility, urban planning) challenges tackled by means of Citizen Science *

Mark only one oval.

☐ No

☐ Maybe

☐ Yes

35. 3.6 Do you think that participating in this project got an impact on your skills and competences and, more generally on your motivation and interest for science and the environment? *

Please consider the following dimensions and attribute a value from 1 to 5 where 1 is "not at all" and 5 is "definitely yes"

Mark only one oval per row.

	1	2	3	4	5
The project increased my interest for science and the environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The project increased my understanding of content, process and knowledge of the "nature of science" (i.e. what science is and how it works)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The project increased my skills of science inquiry such as data gathering, data curation, data analysis, data interpretation etc.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned more on Green Deal (pollution, mobility, urban planning) topic tackled by the project	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The project increased my understanding of technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

of technology
and its usage
and its usage

The project
increased my
critical thinking

☐ ☐ ☐ ☐ ☐

The project
increased my
soft skills such
as interpersonal
communication,
problem
solving,
collaboration
skills,
leadership, etc.

☐ ☐ ☐ ☐ ☐

36. 3.7 Do you think you will enrol in other CS projects in the future? *

Mark only one oval.

- ☐ Yes
- ☐ Probably
- ☐ Probably not
- ☐ No
- ☐ I don't know

Changes in way of thinking, attitude and values and behavioural change

37. 4.1 Changes in way of thinking, attitude and values and behavioural change *

Mark only one oval per row.

	No	Maybe	Yes
Thanks to the project I changed my ideas on Green Deal (pollution, mobility, urban planning) topic tackled by the project	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thanks to the project I changed my ideas on environmental issues such as pollution and climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thanks to the project I will change some of my behaviours in order to reduce my impact on the environment (reduce pollution, emission, waste, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thanks to the project I will change some of my behaviours in order to reduce my exposure to/impact on Green Deal (pollution, mobility, urban planning)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

pollution,
(pollution,
mobility,
mobility,
urban
urban
planning)
planning)
topic tackled
topic tackled
by the project
by the project

This activity
This activity
increased my
increased my
civic
civic
engagement
engagement
(e.g.
(e.g.
membership
membership
in voluntary
in voluntary
associations,
associations,
charities or
charities or
environmental
environmental
groups).
groups).

☐ ☐ ☐

38. 4.2 Do you think that participating in this project got an impact on your skills and competences and, more generally on your motivation and interest for science and the environment? *

Please consider the following dimensions and attribute a value from 1 to 5 where 1 is "strongly disagree" and 5 is "strongly agree"

Mark only one oval per row.

	1	2	3	4	5
The project increased my interest for science and the environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The project increased my understanding of content, process and knowledge of the "nature of science" (i.e. what science is and how it works)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The project increased my skills of science inquiry such as data gathering, data curation, data analysis, data interpretation etc.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned more on Green Deal (pollution, mobility, urban planning) topic tackled by the project	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The project increased my understanding of technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

of technology
and its usage
and its usage

The project
increased my
critical thinking

☐ ☐ ☐ ☐ ☐

The project
increased my
soft skills such
as interpersonal
communication,
problem
solving,
collaboration
skills,
leadership, etc.

☐ ☐ ☐ ☐ ☐

39. 4.3 Are you thinking of pursuing a scientific career in the future or to work in the environmental-protection sector? *

Mark only one oval.

- ☐ Yes Skip to question 40
- ☐ No Skip to section 19 (Thanks a lot for answering!)

Changes in way of thinking, attitude and values and behavioural change

40. 4.4 If you are thinking of pursuing a scientific career, to what extent this project plays a role in this decision? *

Mark only one oval.

- ☐ Not at all
- ☐ A bit
- ☐ It reinforced my previous ideas
- ☐ Decisively

Thanks a lot for answering!

We will ll look at the information you shared to come up with some results.

GREENGAGE (Engaging Citizens - Mobilizing Technology - Delivering the Green Deal) project has been funded by Horizon Europe programme for research, technological development and demonstration, under grant agreement No 101086530. For more information about the project, please visit: <https://www.greengage-project.eu/>

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