



EUROPEAN UNION

EU MISSIONS

ADAPTATION TO CLIMATE CHANGE



TRAINING PROGRAMME - How to carry out stakeholder and citizen engagement in practice

Session 8: Citizen Science

December, 10

Today's agenda

| Time | Session |
|---------------|---|
| 13:30 - 13:35 | Welcome & Agenda of the day - Yara Shennan-Farpon |
| 13:35 - 13:38 | Ice-breaker question - Francois Jost |
| 13:38 - 13:40 | Introduction Citizens science - Marianne Wehbe |
| 13:40 - 13:55 | Experience sharing: Francois Jost , from ECSA: What is citizen science and available resources |
| 13:55 - 14:10 | Experience sharing: Luciana Favaro from EUCLIPA: "Citizens' climate lab in Venice" |
| 14:10 - 14:25 | Experience sharing: Anna Verones from ECSA: Citizen Science in AGORA project |
| 14:25 - 15:15 | Questions & Practical exercise |
| 15:15 - 15:25 | Resources, tools and overview of available platforms - Francois Jost |
| 15:25 - 15:30 | Wrap-up and feedback in slido |

Ice-breaker question

- **How familiar are you with 'Citizen Science' (CS)?**
 - 👏 → Very familiar with citizen science
 - 👍 → A bit familiar with citizen science
 - 🎉 → Getting started with citizen science
 - 😐 → Unfamiliar with citizen science
- **Has anyone of you participated in a 'Citizen Science' activity or project?**

Please give a 👍 with the reaction button if you have
Please summarize your activity/project in the chat

Citizen Science

Public participation in scientific research -> contributing to data collection, analysis, dissemination of research findings, in collaboration with scientists.

Key aspects:

- **Community involvement:** Engages communities in local and global scientific challenges, leading to more informed, empowered and active citizenry and stakeholders.
- **Contribution to science:** Provides valuable scientific data and insights.
- **Data collection:** Citizens help gather context relevant data.
- Enhances **public understanding** of science and increases **awareness of scientific issues**.
- Leverages technology (apps, platforms etc.) to facilitate data collection, communication.



Experience sharing: Understanding citizen science

Dr. Francois Jost

**European Citizen Science Association |
Project Officer AGORA and RE4GREEN projects
Francois.Jost@ecsa.ngo**

Understanding citizen science





Content

Defining Citizen Science (CS)

CS trend around the world

Describing CS projects

Benefits and key challenges

Researchers' ethical considerations



A first Definition

Citizen science is the **term** that is used to describe a wide range of activities, in which people from **all walks of life participate** in a **scientific project** in a **meaningful way**.

It is a collaborative approach to scientific research.

Including:

- ▶ identifying research questions
- ▶ collecting and analysing data
- ▶ Solving complex problems





Proyecto Cazadores de Asteroides

APPLICATION ▾

FAQ

DISSEMINATION MATERIAL

OUR TELESCOPES

TEAM

CONTACT US

TWITTER

FACEBOOK

TERMS OF USE



RECENT POSTS

Astronomy

ASTEROID HUNTERS

- Asteroid Hunters puts at the disposal of the citizenship a tool to collaborate in the protection of the Earth against the impact of asteroids.
- How to participate: Only a mobile phone is required, to download the app Android or iOS, or even from the computer's browser.
- Needed equipment: Internet

<https://eu-citizen.science/project/120#>



ASTEROID HUNTERS

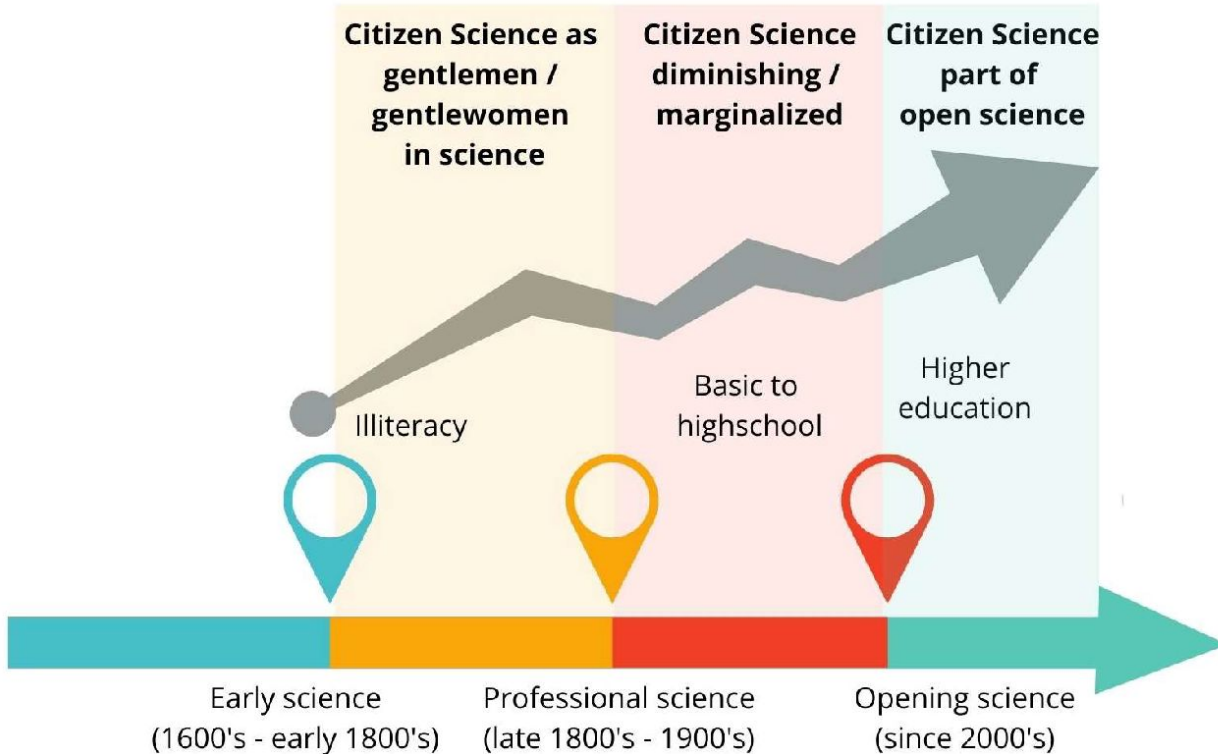


- ▶ The user sees in their mobile a **sequence of images** of the sky and
- ▶ They mark those objects suspected of being asteroids (they move on the fixed background of stars).
- ▶ The detections are first filtered by the users themselves - through a voting system.
- ▶ Finally a team of professional astronomers verify the true nature of the objects detected.

- ▶ Thus, **engaging the public** in asteroid detection, enhancing scientific data collection and raising awareness of space science



Citizen Science and Science

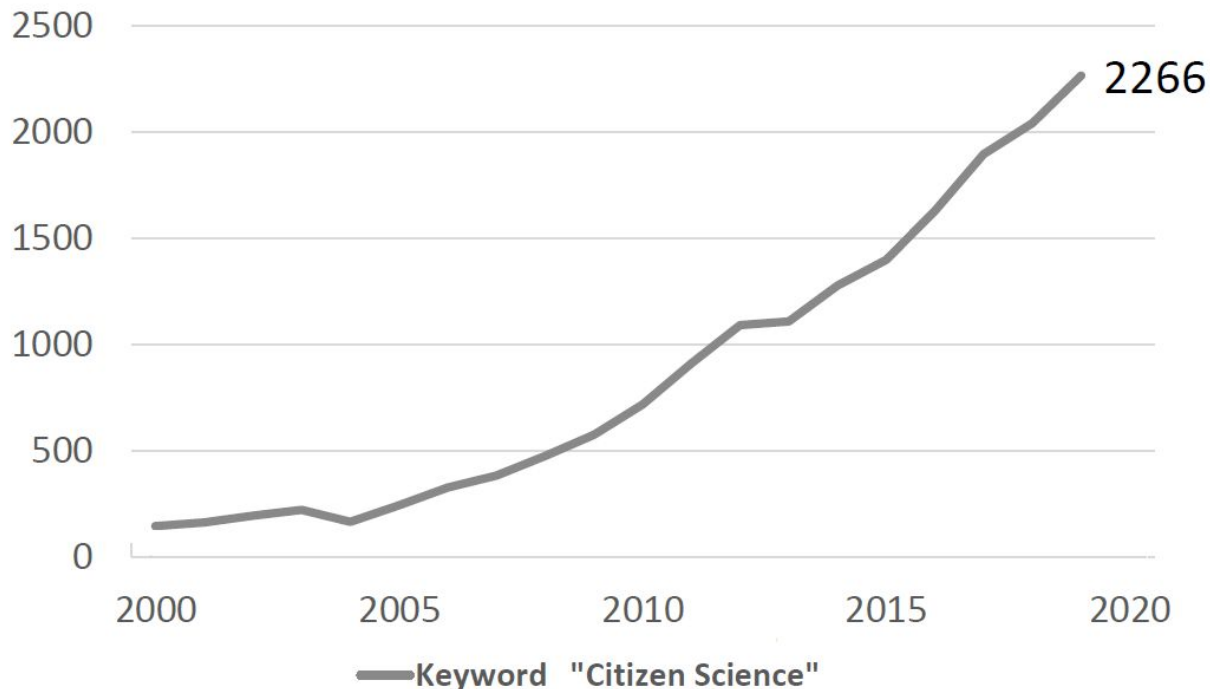


Adapted from Muki Haklay, Extreme Citizen Science group
Department of Geography, UCL
Twitter: @mhaklay / @ucl_exciteso

Citizen science in Research

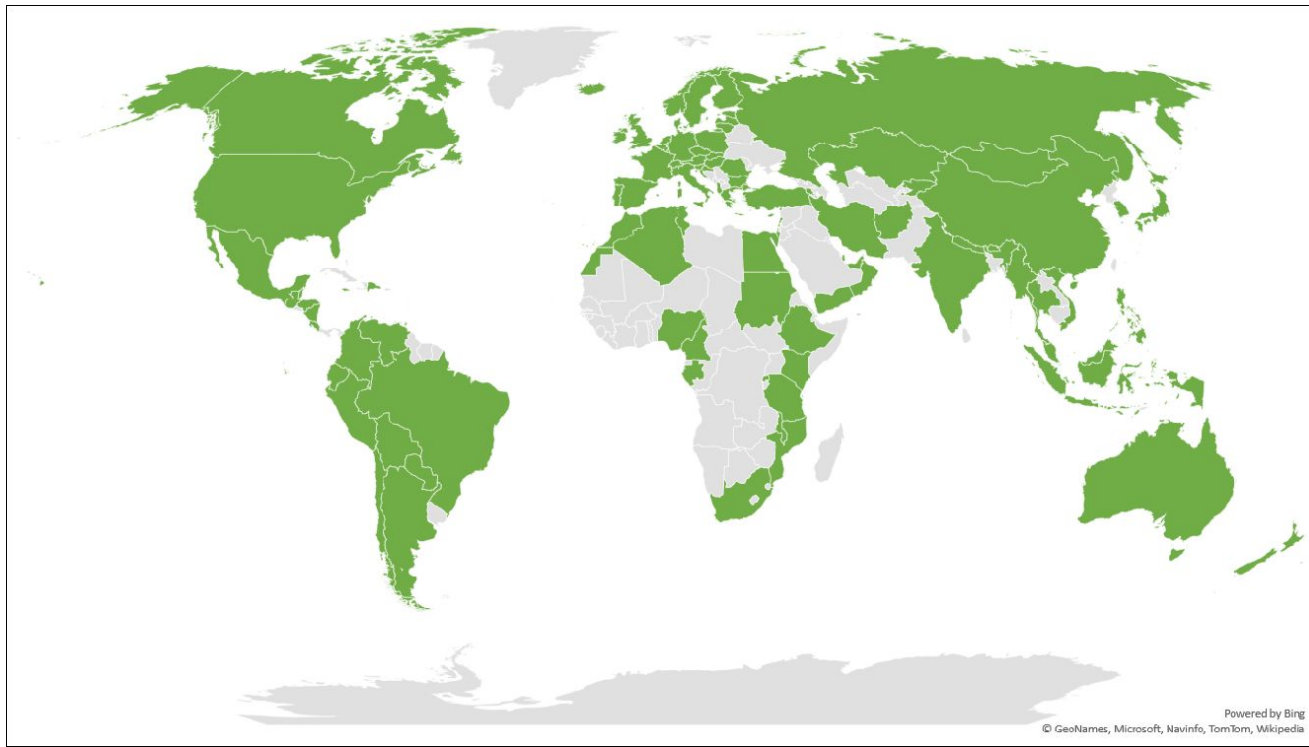
Key word search
on SCOPUS shows:

Important increase of CS
publications since 2000

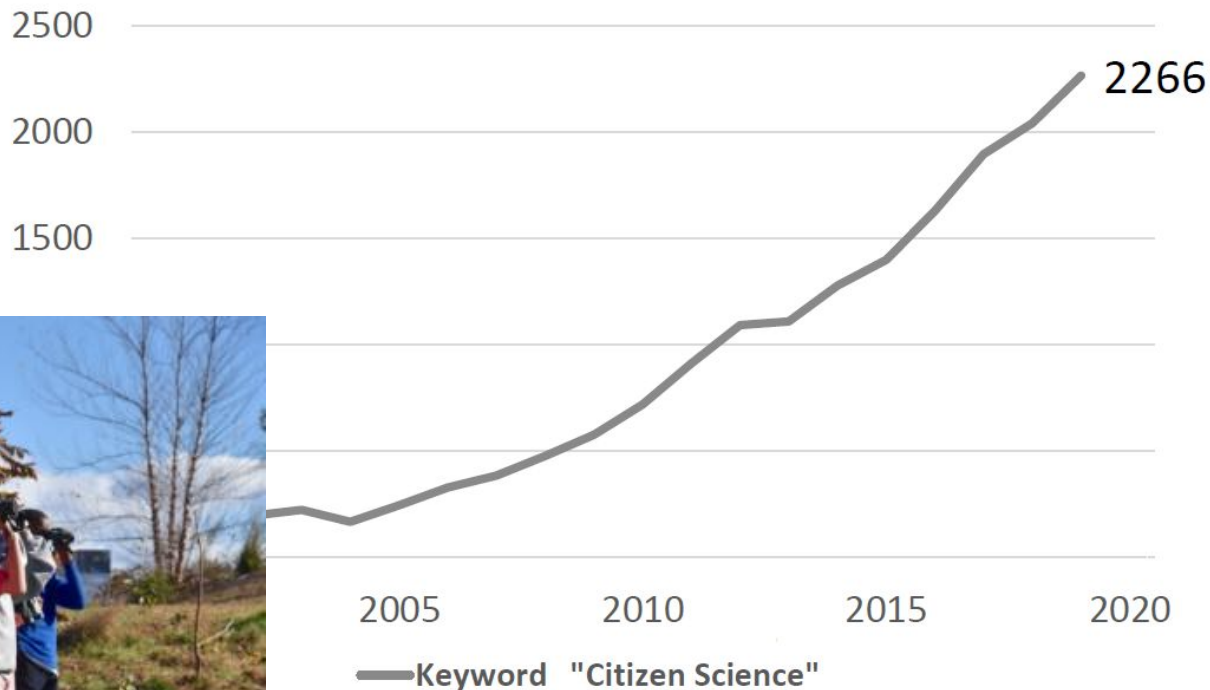


Citizen Science as a global phenomenon

- ▶ **449** CS activities
- ▶ Related to **196** projects
- ▶ Located in **97** countries



But why this sudden trend?





Factors contributing to increased CS projects (Europe-based)

Societal trends:

- ▶ Education and qualifications
- ▶ Longevity and healthy ageing
- ▶ Leisure time
- ▶ Emergence of Open Science



Factors contributing to increased CS projects (Europe-based)

Technological trends:

- ▶ Internet access (broadband)
- ▶ Mobile devices & Smartphones
- ▶ Collaborative Web
- ▶ Sensors and location information
- ▶ DIY electronics (incl. 3D printers)



EUROPEAN UNION

Describing CS projects



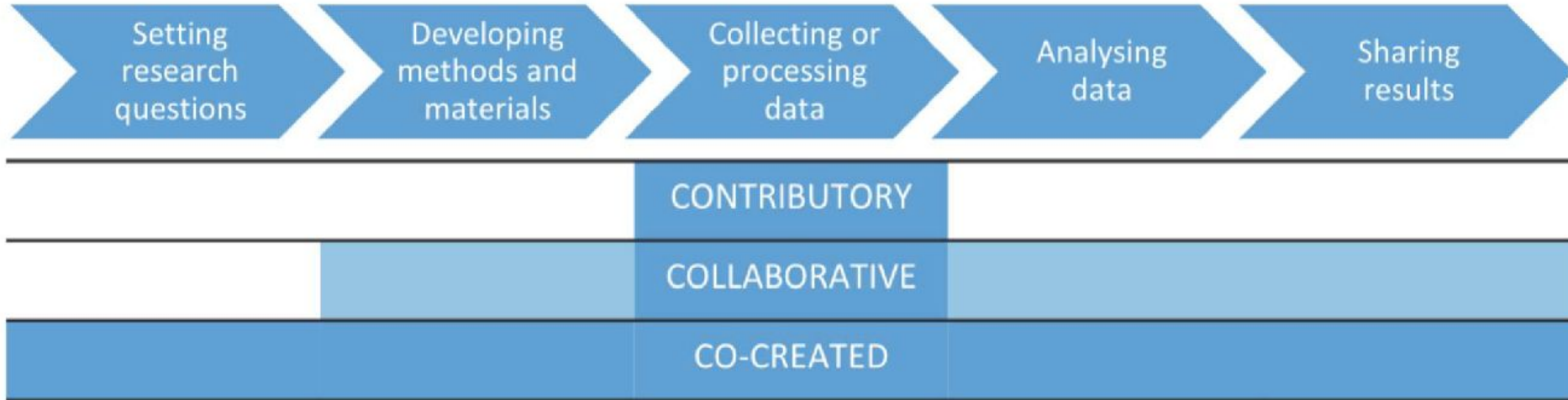
Levels of citizen engagement

Where to involve Citizens in projects?



Stages of the scientific process

Stages of the scientific process that involve citizens in different types of citizen science projects



Depending on the type of project

Goals of Project Managers

Data

- Increase in spatial data
- Increase in temporal data
- Providing high quality data
- Cost-effectiveness in data collection

Products

- Knowledge product development

Network building

- for different purposes, e.g., social interaction

Problem solving

- Improving freshwater quality

Citizen Change

- Raising awareness
- Engaging citizens in research and problem solving

Goals of citizens

Learning

- About nature in general
- About water quality, specifically in local contexts
- About science/ scientific methods

Problem solving

- Improving current environmental conditions
- Responding to a specific local problem

Social interaction/ community involvement

Receiving tokens of appreciation

- Monetary incentives
- Acknowledgement in scientific work



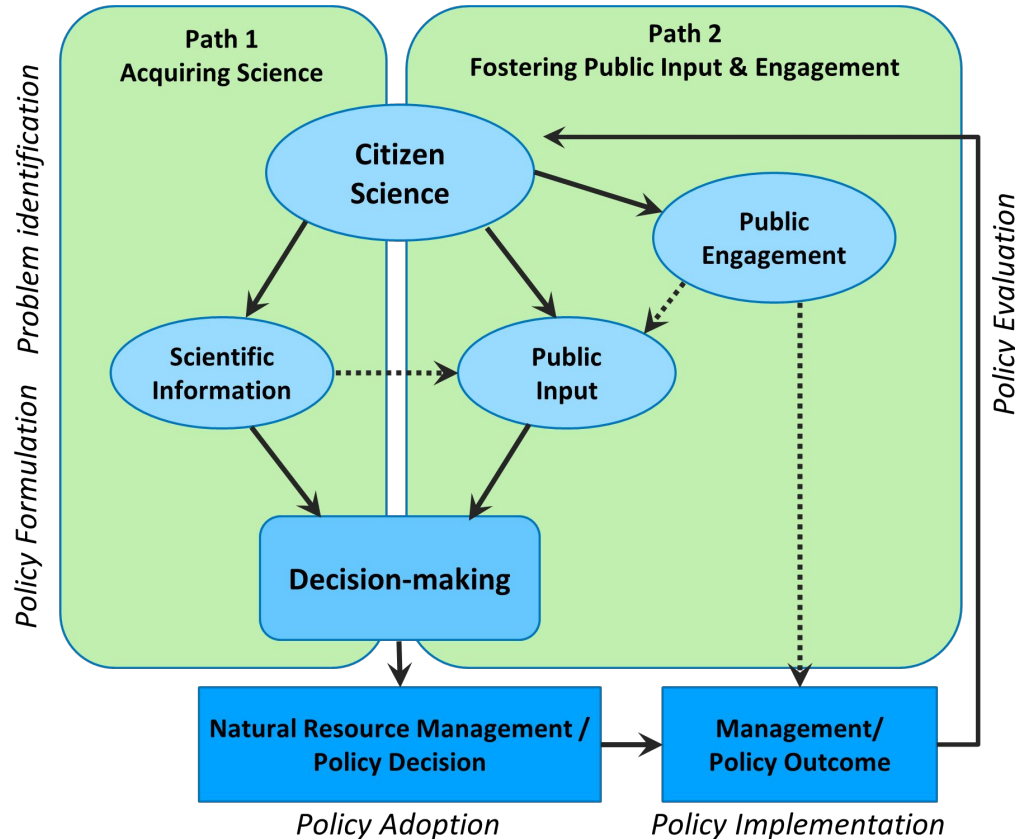
Benefits of CS

building synergies between local authorities and other stakeholders



Frits Ahlefeldt, Hiking.org

Building synergies using CS



CS can take 2 pathways to inform different stakeholders on Climate Adaptation:

- Volunteers can generate **scientific information** e.g., for environmental managers, local govs. and other decision-makers.
- Volunteers can **provide input into decisions, learn & share information** within their communities, and **motivate others** to get involved in climate adaptation.

e.g., Climate justice

Efforts focused on available data e.g., green spaces in the city (m²/inhabitant) may reinforce negative effects on vulnerable population.

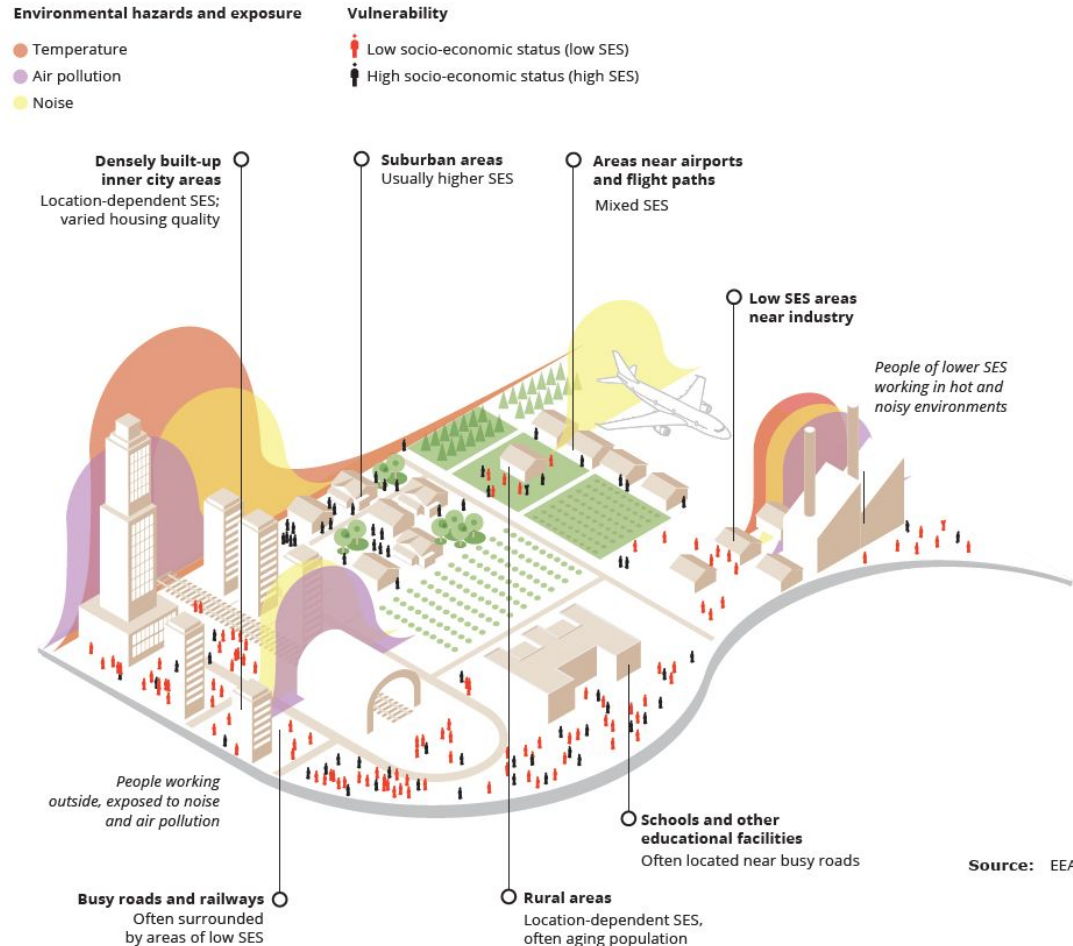
e.g., projects that focus on improving already existing green areas and their benefits.

- Leaving aside population sectors with larger adaptation needs.

CS can help fine tuning these:

- Providing more just adaptation adjusted to very local needs and specific target population.

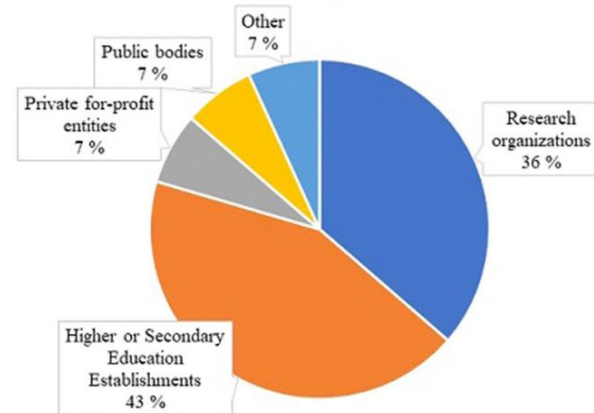
Figure 2 Exposure of vulnerable groups to air pollution, noise and extreme temperatures



Citizen Science for SDGs in European cities

> 100 cities use CS in EU-funded projects to address various SDGs: strong focus on SDG11 (Sustainable Cities and Communities) & SDG13 (Climate Action)

- **Common risks:** e.g., misalignment between community-contributed data and official data standards.
- **Opportunities:** potential for **inclusive community participation** -> CS-generated data can **fill spatial, temporal and/or socio-demographic gaps in official datasets** + providing a deeper **understanding** of these datasets
- CS can thus play important role identifying, understanding, and tackling climate **adaptation challenges** at a local level.
- City planners and policymakers should consider **incorporating CS** frameworks into their **development strategies**, ensuring that these **align with** local sustainability/adaptation goals and urban planning processes



Source: Liu et al., 2023

Challenges of Citizen Science

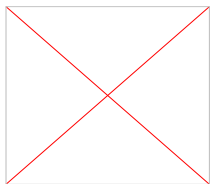
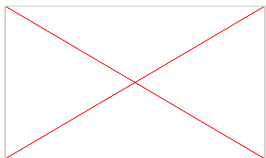
- **Data quality control:** Ensuring accurate and reliable data collection by volunteers.
- Addressing bias in **data** collection and **representation** of (env./econ./social) conditions.
- Providing adequate **training** and capacity building. **Ensuring** they have the **necessary skills and knowledge** to contribute **meaningfully** to the project.
- Participant **engagement and retention:** Sustaining motivation and involvement of citizen scientists over time.

Ethical considerations toward citizen scientists

Project managers have a responsibility to:



- Treat citizen scientists as **partners**
- Ensure **representation and inclusivity**
- **Provide training** for citizen scientists
- Ethical open **data management**
- **Acknowledge contributions**



Co-creators of knowledge, not mere resources, **treat them fairly**

- Be aware of **power dynamics**
- **Inclusive language** is crucial for **effective communication**
- **Reduce bias by ensuring representation** across demographic groups
- **Use Q&As, a channel of communication** for **guidelines, materials and workshops**
- **Reduce data quality issues.**

Thank
you!



Experience sharing: Citizens' climate lab in Venice (including Q&A) - EUCLIPA

Luciana Favaro

PhD in Educational Linguistics
Ambasciatrice del Patto Europeo per il Clima
Presidente EuCliPa.IT



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Associazione Italiana del Patto per il Clima

A CITIZENS' CLIMATE LAB IN VENICE

LUCIANA FAVARO

European Climate Pact ambassador
EuCliPa.IT president

Dec, 10th 2024

#MyWorldOurPlanet
www.euclipa.it

#EUClimatePact
www.euclipa.it



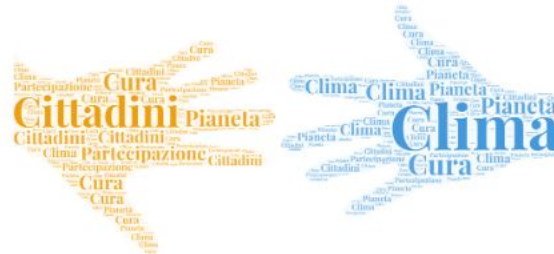
EUCLIPA.IT



Non-profit association set up by **thirty Italian ambassadors** of the European Climate Pact, also open to **citizens**.

EuCliPa is also proud to have been selected as **Partner of the EU Climate Pact**.

In addition to informing about how the climate crisis is here and now, the association's main focus is **creating the conditions for citizens to actively participate in local climate policies**.



CITIZEN ENGAGEMENT 2023: Local climate Lab



SECAP
Sustainable
Energy and
Climate
Action
Plan

CITIZEN ENGAGEMENT 2023: Local climate Lab

Citizens are not involved in local climate policies and are not aware of this commitment.



Il sottoscritto, **Massimiliano De Martin**, Assessore all'Ambiente e Città Sostenibile del Comune di Venezia è stato designato dal Consiglio Comunale il 30/04/2020 con Delibera di Consiglio n. 29/2020 a firmare il **Patto dei sindaci per il clima e l'energia**, essendo pienamente consapevole degli impegni sottoscritti nel [Documento di impegno ufficiale](#) e sintetizzati di seguito.

Pertanto, l'autorità locale che rappresento si impegna in particolare a:

- ridurre le emissioni di CO₂ (e possibilmente di altri gas serra) sul proprio territorio di almeno il 40% entro il 2030, in particolare mediante una migliore efficienza energetica e un maggiore impiego di fonti di energia rinnovabili;
- accrescere la propria resilienza, adattandosi agli effetti del cambiamento climatico.

Al fine di tradurre tali impegni in azioni concrete, l'autorità locale che rappresento si impegna a seguire tutte le tappe della seguente tabella di marcia:

- realizzare un **inventario di base delle emissioni** e una **valutazione dei rischi e delle vulnerabilità indotti dal cambiamento climatico**;
- presentare un **Piano d'azione per l'energia sostenibile e il clima** entro due anni dalla data (di cui sopra) della decisione del Consiglio comunale;
- presentare una **relazione di avanzamento almeno ogni due anni dopo la presentazione del Piano d'azione per l'energia sostenibile e il clima per fini di valutazione, monitoraggio e verifica**.

Il sottoscritto acconsente a che l'autorità locale che rappresenta sia sospesa dall'iniziativa, previa comunicazione scritta da parte dell'ufficio del Patto dei sindaci, in caso di mancata presentazione dei documenti summenzionati (vale a dire il Piano d'azione per l'energia sostenibile e le relazioni di monitoraggio) entro i termini previsti.

Massimiliano De Martin, Assessore

San Marco 4136, 30124 Venezia

Contatto: Cristiana Scarpa, +39 0412748389, cristiana.scarpa@comune.venezia.it

Firma

www.eumayors.eu

EuCliPa.IT

Associazione Italiana del Patto per il Clima

CITIZEN ENGAGEMENT 2023: Local climate Lab



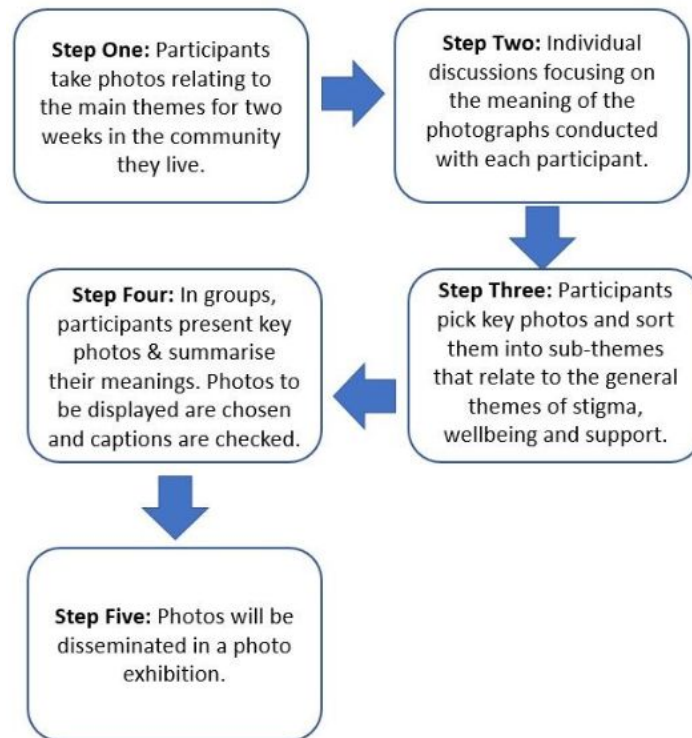
OUTPUT: A guide for other citizens.

CITIZEN ENGAGEMENT 2022: PhotoVoice project

"ARE OUR CITIES HEADING TO NET ZERO?"

Photovoice is a participatory method, defined by its creators Wang and Burris (199) as:

"a process by which people can identify, represent and enhance their community through a specific photographic technique".



CITIZEN ENGAGEMENT 2022: PhotoVoice project



PROGETTO CONDOTTO DA SIMONE PADOVANI | WWW.EUCLIPA.IT | WWW.SIMONEPADOVANI.IT | REALIZZATO GRAZIE AL FINANZIAMENTO DI OXIGEN SRL

Participants were guided to **observe, analyze and discuss** the climate problems of their city **with a proactive disposition.**

OUR WEBSITE



The screenshot shows the homepage of the website. At the top is a green navigation bar with the logo 'EuCliPa.IT' and the tagline 'Associazione Italiana del Patto per il Clima'. To the right of the logo are four menu items: 'L'ASSOCIAZIONE', 'COSA FACCIAMO NOI', 'COSA PUOI FARE TU', and 'CONTATTI', each followed by a dropdown arrow. A search icon is also present. Below the navigation bar is a large image of several bicycles parked together. Overlaid on this image is an orange banner with the text 'INSIEME, FACCIAMO LA DIFFERENZA.' Below the image is a white section with a teal header. On the left is a circular logo for 'EUROPEAN CLIMATE PACT'. To the right of the logo is the heading 'Come sta il clima?' followed by a paragraph of text.

EuCliPa.IT
Associazione Italiana del Patto per il Clima

L'ASSOCIAZIONE ▾ COSA FACCIAMO NOI ▾ COSA PUOI FARE TU ▾ CONTATTI 🔍

INSIEME, FACCIAMO LA DIFFERENZA.

EUROPEAN CLIMATE PACT

Come sta il clima?

Siamo un'associazione che unisce cittadini e ambasciatori italiani del Patto Europeo per il Clima. Siamo un gruppo di persone appassionate che vuole far capire quanto la crisi climatica è qui e ora e cosa bisogna fare per affrontarla. Il nostro motto è 'ogni piccola azione INSIEME può fare la differenza'.

www.euclipa.it



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LET'S KEEP IN TOUCH

www.euclipa.it

contatti@euclipa.it



climate-pact.europa.eu



[ourplanet_eu](https://www.instagram.com/ourplanet_eu)



[EUClimateAction](https://twitter.com/EUClimateAction)



[eu-environment-climate](https://www.linkedin.com/company/eu-environment-climate)



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QUESTIONS / COMMENTS?

More info:

<https://www.euclipa.it/osservatori-climatici-territoriali/>



Experience sharing: The AGORA project - An application of citizen science in the field of climate adaptation (including Q&A) - ECSA

Anna Verones
Project Officer

The AGORA project

An application of citizen science in the field of climate adaptation

Anna Verones, ECSA

MIP4Adapt
session #8
Citizen science
online, 11. June 2024



Funded by
the European Union



Project's information

AGORA supports the Mission of Adaptation to Climate Change by **actively involving communities and regions in climate actions.**



PILOT CASE STUDIES

A set of pilot regions will constitute the co-production arena to co-design, co-develop and co-implement climate adaptation solutions

- Germany
- Sweden
- Spain
- Italy



Engaging citizens in climate adaptation dialogues



Involvement

Target groups:

- People with disabilities and chronic illnesses
- Youth
- People with migration background
- Seniors
- Health care workers (mostly nursing staff)



Engaging citizens in climate adaptation dialogues



Involvement

AGORA is involving citizens through **focus group** discussions.

Dresden, 27.05.2024



Focus group with people with disabilities and chronic illnesses

Dresden, 30.05.2024



Focus group with youth (16-24 years old)

Engaging citizens in climate adaptation dialogues



Involvement

AGORA is involving citizens through **workshops** and **networking activities** with stakeholders.

Dresden, 16.11.2023



Inception workshop

Dresden, 04.02.2025

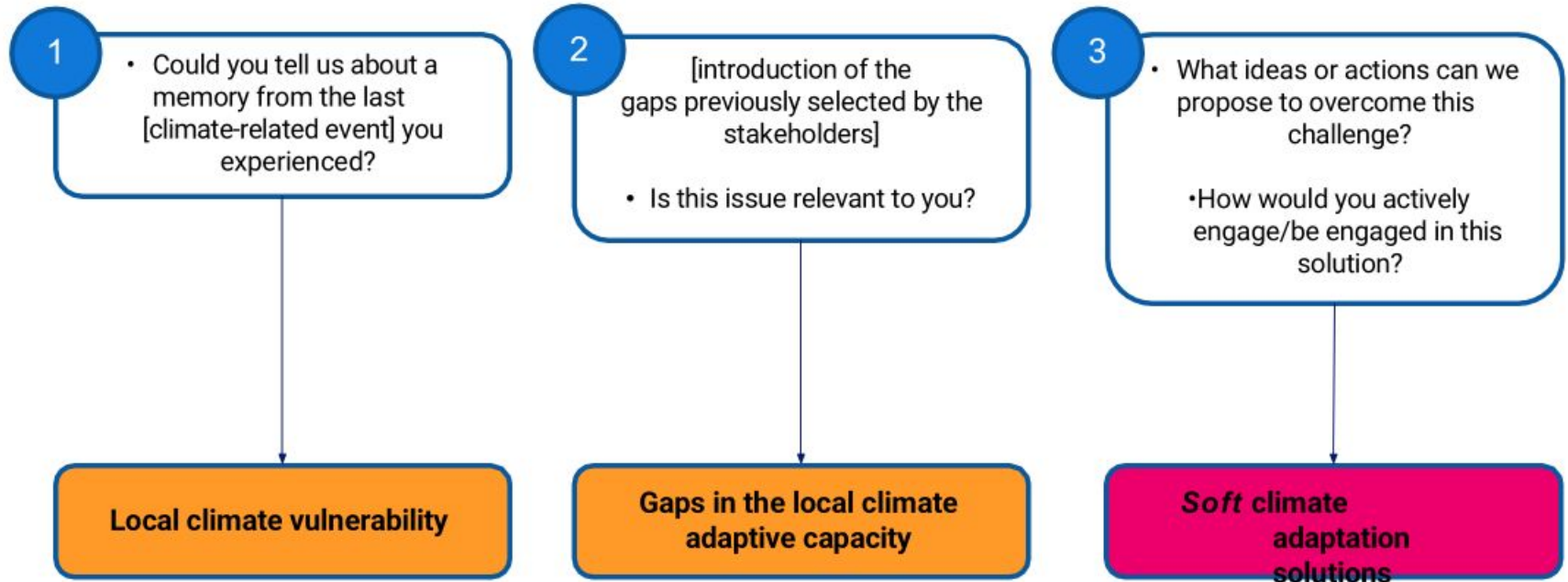


Co-creation workshop

Outcome and structure of the focus groups



Outcome



Selection of outcomes: (soft) climate adaptation solutions



Outcome

Participatory city design

Through a digital app, citizens map potential relief areas from heatwaves, such as water sources or cooler spaces.

Accessibility barriers are addressed by using multiple communication channels.

The app also highlights areas needing intervention and fosters collective action for urban change.

Communication strategies

Positive and inclusive communication are essential when discussing climate adaptation.

How can we communicate the need to adapt to climate change in a positive way, in order to not scare people away?

How can we overcome communication barriers to accessibility?

Educational campaign in schools

Integrating climate adaptation education into students' regular schedules, thereby avoiding the burden on their free time.

The approach should prioritize practical activities and experiential learning over traditional classroom settings.

Involving external experts and NGOs could provide an opportunity to enhance mutual learning and foster connections among social groups.

Financial resources for climate adaptation

Mobilizing funding is essential to promote the implementation of climate adaptation measures.

Public funding should be more widely promoted and strengthened.

But how?



Learnings and impressions:



Benefits

- **Better understanding** of climate issues.
- **Innovative, practical solutions** that address real, immediate needs.
- Learning opportunities, personal enjoyment, social connection
- Satisfaction from contributing to research and **influencing policies**.



Participation

- From passive witnesses of climate policies to **active contributors**.
- **Diversity, Equity, Inclusion, and Belonging (DEIB)**:
 - Prioritizing bottom up flow of information over frontal presentation.
 - Genuine analysis of barriers and ways to overcome them.
 - Intimate group size
 - Some social groups are particularly “hard to reach”: build trust through intermediaries, change your communication, “go where the people are”

Learnings and impressions:



Feedback



Open access



Impact



Acknowledgment



Democratisation



Ethics

- Keep all actors involved constantly **informed about the process**.
- The more they know, the more they'll be willing to engage.
- Where possible, results are published in an open access format.

- Participants want to have an impact: **Value every input!** Make them feel taken seriously.

- Opening up the stage for a larger audience enhances a **higher representation of society at large**.

- **Be mindful of whom is involved and how data is used.**



Thanks

! Contact details:
anna.verones@ecsa.ng

o

Coordinated by





QUESTIONS / COMMENTS?

More info:

<https://adaptationagora.eu/newsevents/>

<https://www.ecsa.ngo/>

https://climate-pact.europa.eu/index_en

PRACTICAL EXERCISE



Source: freepik picture

The role you will have to adopt for the activity will be decided randomly. The different roles (characters / actors) are represented by the colour of the post-it.

Please use the corresponding post-it to represent your character and answer what you think would be their perspective on the following questions, and place your answer in the step you think is related to it.

Sticky note parking lot - ROLES



Local
Government
Official



Community
Health
Worker



Climate
Scientist



Local
Restaurant
Owner



Citizen
scientist



Others (specify in
the post-it)

Access the MIRO exercise via the provided [Link](#)



Available platforms, resources and tools

Dr. Francois Jost

**European Citizen Science Association |
Project Officer AGORA and RE4GREEN projects
Francois.Jost@ecsa.ngo**



Available platforms, resources, and tools





About ECSA

We are a non-profit organization, legally established in 2014, that supports and advocates for **public participation in science**.

We have over 200 members in 21 EU countries, as well as Australia, Ecuador, Nigeria, Norway, Serbia, Switzerland, the UK and the USA.

GOALS:



Empower
Citizen
Scientists



Provide
tools and
training



Connect the
CS
Community



Advocate
for citizen
science



Ten principles of citizen science

Citizen science is a flexible concept which can be adapted and applied within diverse situations and disciplines. The statements below were developed by the *'Sharing best practice and building capacity'* working group of the **European Citizen Science Association**, led by the Natural History Museum London with input from many members of the Association, to set out some of the key principles which as a community we believe underlie good practice in citizen science.

- Citizen science projects actively involve citizens in scientific endeavour that generates new knowledge or understanding. Citizens may act as contributors, collaborators, or as project leader and have a meaningful role in the project.**
- Citizen science projects have a genuine science outcome.** For example, answering a research question or informing conservation action, management decisions or environmental policy.
- Both the professional scientists and the citizen scientists benefit from taking part.** Benefits may include the publication of research outputs, learning opportunities, personal enjoyment, social benefits, satisfaction through contributing to scientific evidence e.g. to address local, national and international issues, and through that, the potential to influence policy.
- Citizen scientists may, if they wish, participate in multiple stages of the scientific process.** This may include developing the research question, designing the method, gathering and analysing data, and communicating the results.
- Citizen scientists receive feedback from the project.** For example, how their data are being used and what the research, policy or societal outcomes are.
- Citizen science is considered a research approach like any other, with limitations and biases that should be considered and controlled for.** However unlike traditional research approaches, citizen science provides opportunity for greater public engagement and democratisation of science.
- Citizen science project data and meta-data are made publicly available and where possible, results are published in an open access format.** Data sharing may occur during or after the project, unless there are security or privacy concerns that prevent this.
- Citizen scientists are acknowledged in project results and publications.**
- Citizen science programmes are evaluated for their scientific output, data quality, participant experience and wider societal or policy impact.**
- The leaders of citizen science projects take into consideration legal and ethical issues surrounding copyright, intellectual property, data sharing agreements, confidentiality, attribution, and the environmental impact of any activities.**

ECSA's characteristics of citizen science

Introduction

Citizen science is a common name for a wide range of activities and practices. It is possible to understand it by considering the characteristics of those activities and practices, which are described in this document. These are found in different scientific disciplines – from the natural sciences to the social sciences and the humanities – and within each discipline, the interpretation of citizen science can be slightly different. Yet despite these differences, citizen science is an emerging area of research and practice, with evolving standards on which different stakeholders are developing methodologies, theories and techniques. It is, therefore, useful to establish some level of shared understanding, across disciplines and practices, as to what to expect from an activity or a project that is set out to be a citizen science one.

There is little doubt that a project with an open call to a wide range of volunteers to take part in either data collection or data analysis of a clearly defined research hypothesis will be recognised as citizen science. However, this is only one type within a large set of activities, practices and forms of participation, resulting in diverging views about what is – and isn't – citizen science. Because of these differences in disciplinary and cultural contexts, attempting to define a universal set of rules for exclusion or inclusion is difficult, and might even limit the advancement of the field.

Instead, this document attempts to represent a wide range of opinions in an inclusive way, to allow for different types of projects and programmes, where context-specific criteria can be set. The characteristics outlined below are based on views expressed by researchers, practitioners, public officials and the wider public. Our aim is to identify the characteristics that should be considered when setting such criteria (e.g. a funding scheme), and we call upon readers to determine which subset of these characteristics is relevant to their own specific context and aims.

These characteristics build on (and refer to) the [ECSA 10 principles of citizen science](#)¹ ("the 10 principles") as a summary of best practice – and projects are expected to engage meaningfully with them. Where it is especially pertinent, we refer to them in the characteristics below.

The rest of the document covers the characteristics of citizen science under five sections: (1) core concepts; (2) disciplinary aspects; (3) leadership and participation; (4) financial aspects; and (5) data and knowledge. Further explanation and background are provided in the 'ECSA's characteristics of citizen science: explanation notes' document. Note that we use the terms 'scientific research' and 'research' interchangeably – and we explain these terms from the perspective of citizen science practices.

ECSA ten principles of citizen science

Involvement



Outcome



Benefits



Participation



Feedback



Democratisation



Open access



Acknowledgment



Impact



Ethics





Share, initiate and learn citizen science in Europe



eu-citizen.science



ECS platform

For sharing knowledge, tools, training and resources for CS - by the community, for the community.

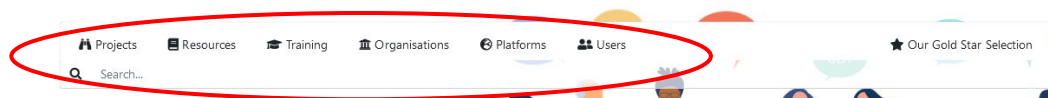
- Search for keywords
- Direct links to projects, resources, training

[eu-citizen.science](#) [Search](#) [Blog](#) [Events](#) [Moocs](#) [Forum](#) [FAQ](#) [About](#)

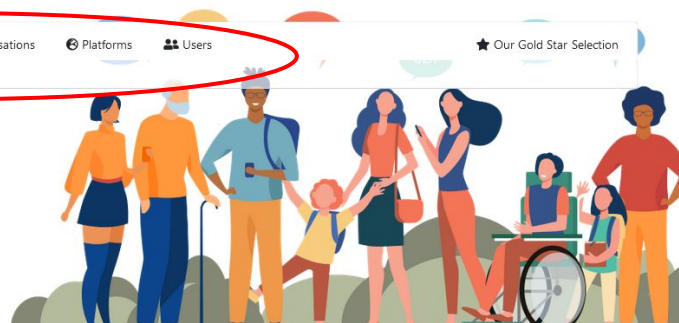
- Search for users

eu-citizen.science

Welcome to the platform for sharing citizen science projects, resources, tools, training and much more

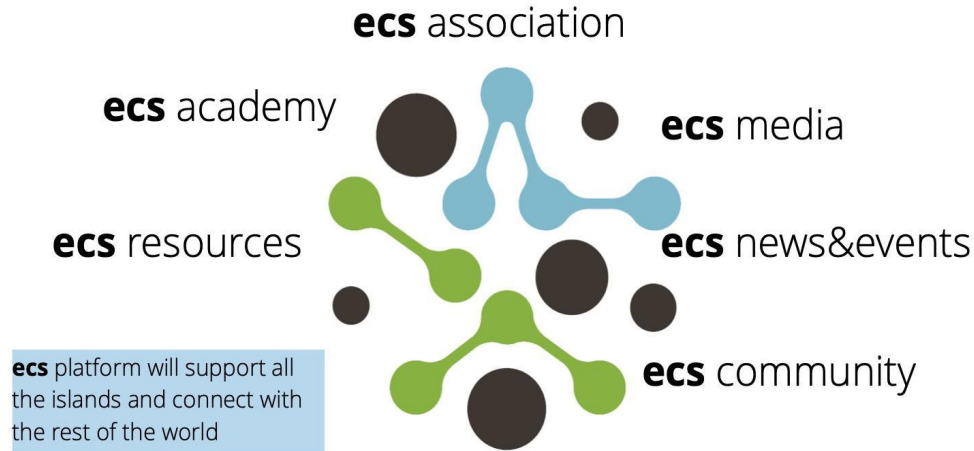


join the community
and participate





The **ecs** archipelago



On the **ECS platform, sailors** (CS practitioners, citizen scientists, general public, researchers, educators, policy makers, funding bodies, decision makers, the press, etc.) **will find the map** of the archipelago:

Access to all available resources and opportunities to connect with the community.

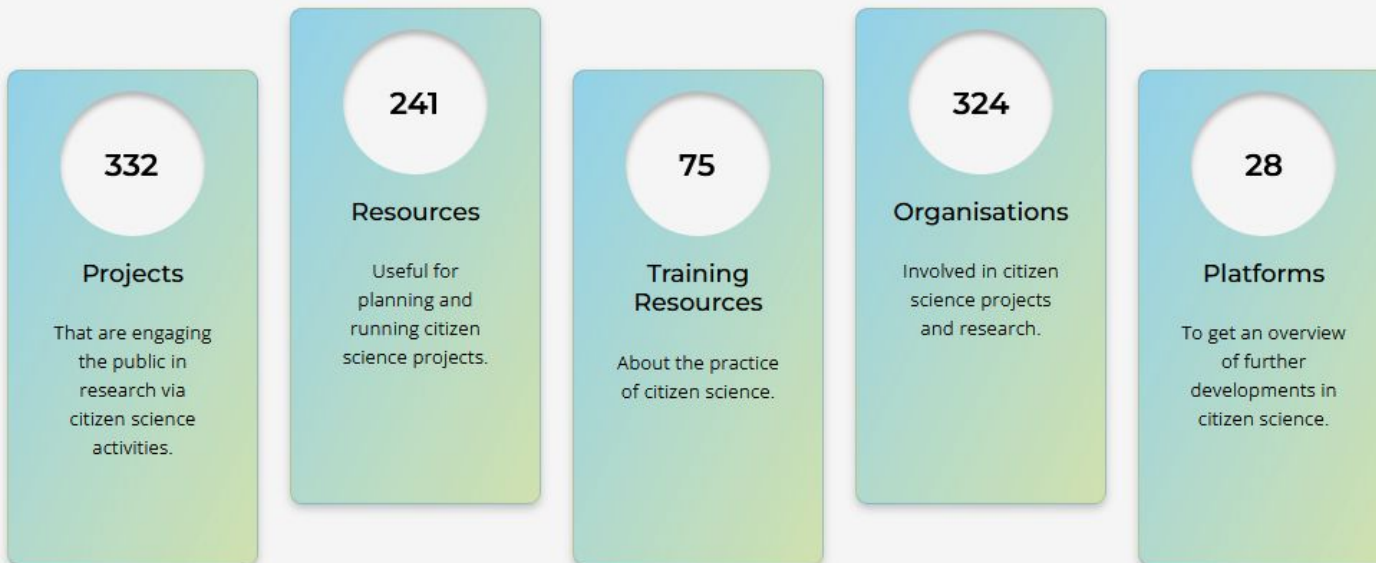




ECS Platform Vision :


To serve as a **Knowledge Hub** and to become the **European reference point for CS** in aid of its mainstreaming.

what can you find here?





Personal area






eu-citizen.science Search Blog Events Moocs Forum Final Event About



Submitted training

-  Designing for learning through...
Oct. 26, 2021, 12:21 a.m.
-  Leading a 'Train the Trainer...
Oct. 26, 2021, 12:21 a.m.

Submitted events

-  ¿Por qué promover la participación de los pacientes y de la ciudadanía en proyectos de mejora clínica y de investigación en salud?
-  Unleashing the potential of Citizen Science Data for monitoring the SDGs
-  Webinar: Blueprint for reducing plastic pollution in rivers through citizen science
-  Citizen Science for the Oceans: From observation to information - towards digital twins of the ocean
-  The future of citizen science: sharing experiences from the European community

Claudia
Germany

- Personal profile
- Submissions**
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Additional Resources

European Citizen Science Platform

10 Principles of CS

Characteristics of CS

CS Toolkits & roadmaps:

- CS roadmap and benefits for local governments
- CS Toolkit: principles, benefits, challenges
- CS Starter Kit: Training Materials
- CS Navigator

Additional adaptation EU-projects working with CS:

- ScienceUs
- EU Sparks for Climate
- AGORA

Thank
you!

Satisfaction survey

Join at [slido.com #2994 650](https://slido.com/join/2994650)
(December, 10) or anytime at this [link](#)



Next Training programme session

Find **Session 8 recording** in the following [YouTube Link](#)

Next session in January, 30, on How to create your engagement strategy

See you next year!

Happy holidays

