



The European Citizen Science Association

ECSA | European Citizen Science Association

Carolina Doran

15th October 2024

Who we are

ECSA is a **non-profit organisation**, established in 2014, located at the Museum für Naturkunde, **Berlin** that advocates for public participation in science.

ECSA wants science to be more socially robust, inclusive and democratic.

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

Our members represent all sectors of society and our mission is to mainstream citizen science in our network of **citizens, politicians and policy-makers, scientists and SMEs**, and beyond.



ECSA vision

A world where people are empowered to make a positive change through science.



ECSA mission

We make science and research open,
accessible and valuable for everyone.

This is what we do



Empower Citizen Scientists

ECSA promotes scientific literacy and the democratisation of science for citizen scientists.



Citizen Science in Europe

Provide the European reference point for CS through cross-network knowledge sharing for citizen science participants, practitioners, researchers, policy makers and society across Europe

This is what we do



Connect the CS Community

ECSA working groups, social media channels, bi-annual conference and more facilitate connections and growth in the citizen science community.



Advocate for citizen science

“Ten principles of Citizen Science”
“Characteristics of Citizen Science”,

ECSA Working Groups



Agri-food



Air quality



Aquatic ecosystems



BioBlitz



Citizen science for health



Citizen science networks



Citizen science and open science



Citizen science and universities



Empowerment, inclusiveness and equity



European Citizen Science Platform



Green spaces and citizen science



Impact assessment



Learning and education in citizen science



Policy, strategy, governance and partnerships



Projects, data, tools and technology



Sharing best practice and building capacity



Storytelling and other arts



ECSA conferences

2016 Berlin, Germany

2018 Geneva, Switzerland

2020 Trieste, Italy (online)

2022 Berlin, Germany

2024 Vienna, Austria

2026 Oulu, Finland

ECSA 2023 Projects



The projects have received funding from the European Union's Horizon 2020 and Horizon Europe research and innovation programme, as well as Erasmus+.





ecs european
citizen
science

ECS project and the
EU-Citizen.Science platform

Carolina Doran (ECSA)

1st August 2023



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.

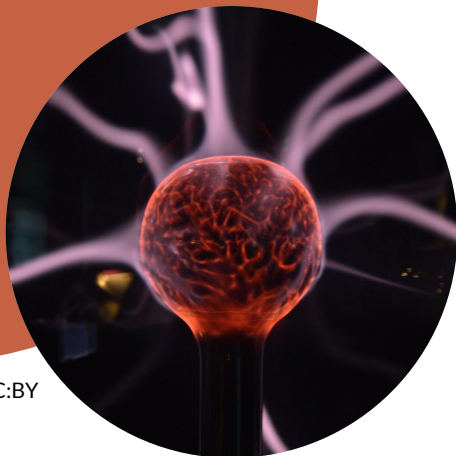


Photo: Simona Cerrato | CC:BY

ECS Goal



Widening and strengthening the European citizen science community through capacity building and awareness raising activities is the main goal of the European Citizen Science (ECS) project.

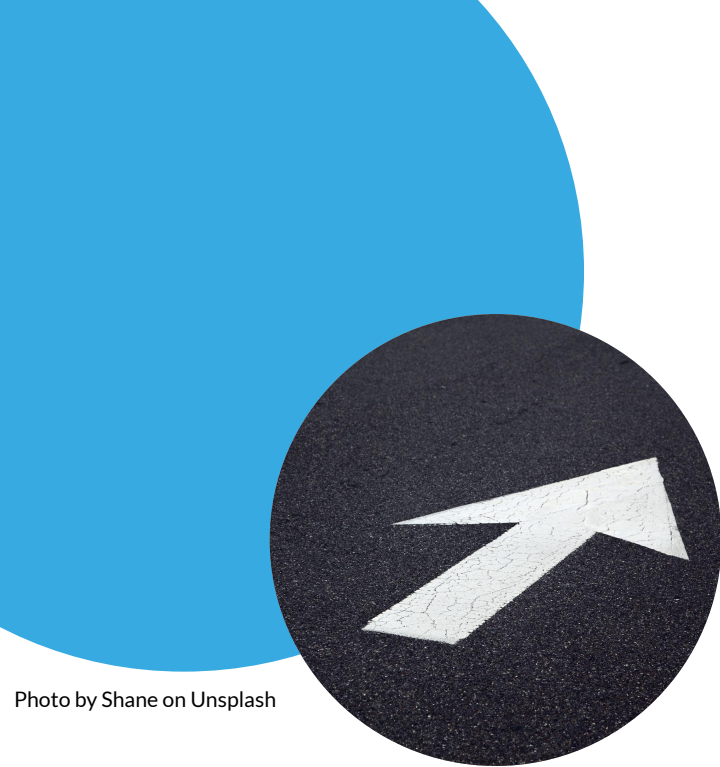


Photo by Shane on Unsplash

ECS Vision



A globally connected, inclusive and strong citizen science community for societal change in Europe.





ECS 5C Mission

Changing today's societal challenges into future opportunities through citizen science

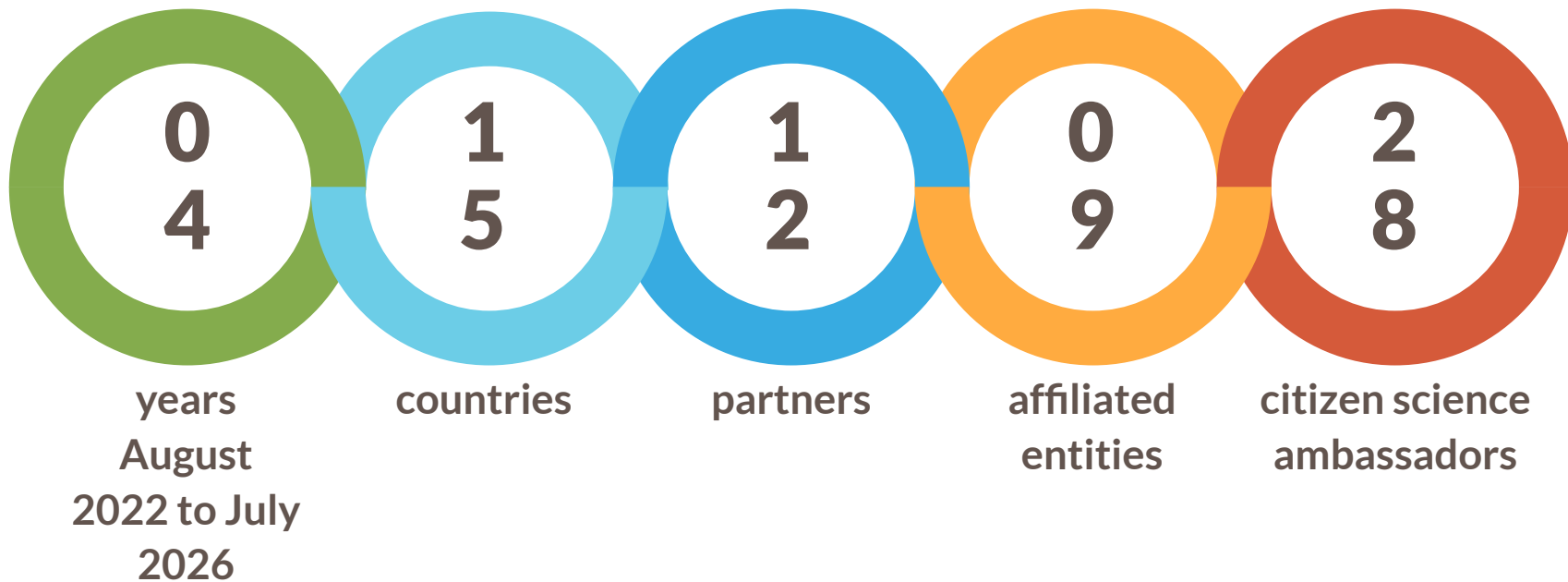
Capacity building and training services

Creating and sharing of citizen science data and knowledge

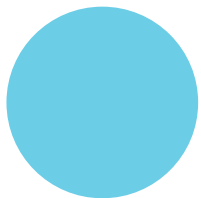
Contributing to European policy making

Common platform uniting diverse European actors

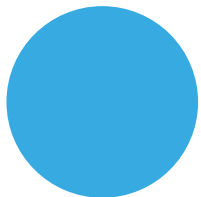
ECS at a glance



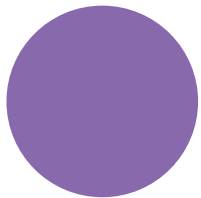
What ECS does



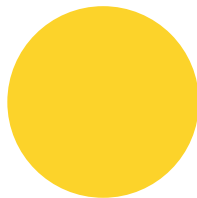
Expanding the reach of citizen science by strengthening the community



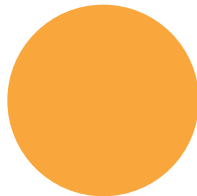
Enhancing digital skills for FAIR and open science communities



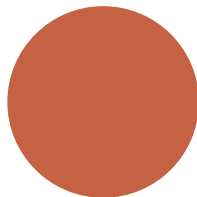
Further developing the EU-Citizen.Science platform through co-design



Developing the ECS Academy with free training to increase the capacity to conduct citizen science



Boosting inclusion and diversity for mainstreaming citizen science



Advocating for citizen science and working on policy impact



Investigating the impact of citizen science on research, society and economy - Check out our new [Impact stories booklet](#)

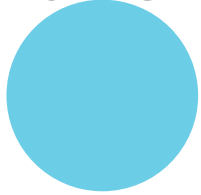
Main Challenges



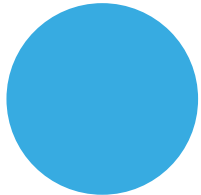
Photo by Simona Cerrato

- **Institutionalization of CS**
 - Recognition of citizen scientists contribution in scientific publications
 - Measuring impact: What is measurable and what is not
- **Engagement**
 - Long term engagement of communities of interest
 - Defining clear ways of giving back to the community
- **Data**
 - Trust in CS collected data by public bodies
 - Data standardization
 - Addressing potential biases in data collection, such as observer bias or selection bias.

European and Estonian Citizen Science



Reach out to our ECS
Estonian Ambassador

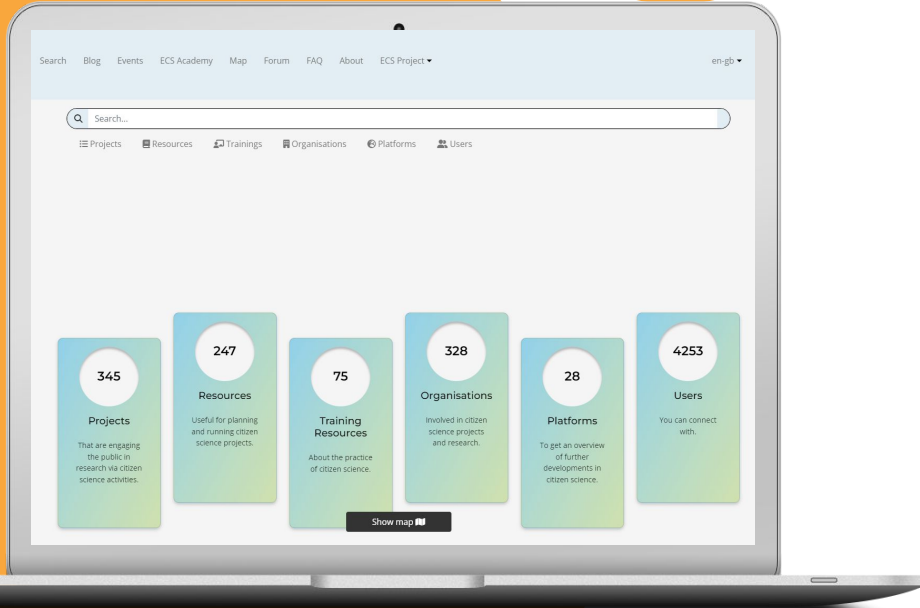


Engage with the
European Citizen Science
platform

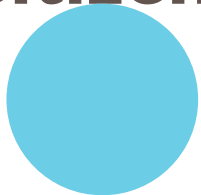
EU-Citizen.Science platform



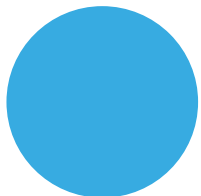
- **260+ projects**
- **220+ resources**
- **60+ training resources**
- **250+ organisation profiles**
- **24 training modules**
- **an events calendar and a blog**
- **platform/network and user profiles**
- **4500+ registered users**



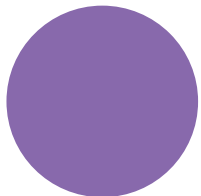
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Empowerment, inclusiveness and equity



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Green spaces and citizen science



Impact assessment



Learning and education in citizen science



Policy, strategy, governance and partnerships



Projects, data, tools and technology

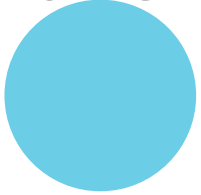


Sharing best practice and building capacity

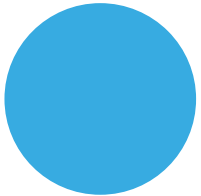


Storytelling and other arts

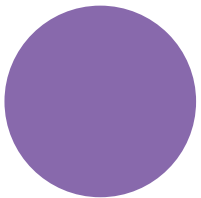
European and Estonian Citizen Science



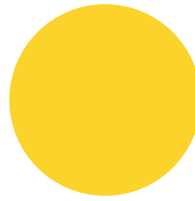
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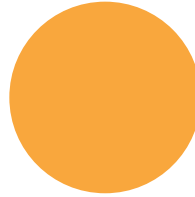
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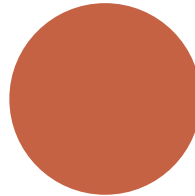
Join a working group



**Become a member and
create your own.**



**Use our open source code
to build your own
platform**



**Lets advocate for Citizen
Science together**

European and Estonian Citizen Science

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Harrastusteaduse kümme põhimõtet

Harrastusteadus on pändlik mõiste, mida saab kohandada ja rakendada erinevatele olukordadele ning uurimisaladele. Alljärgnevad põhimõtted koondas kokku Euroopa Harrastusteaduse Assotsiatsiooni (*European Citizen Science Association*) juures tegutsev hea tava ja võimekuse arendamise tüüriüh Londoni loodusmuuseumi juhtimisel ja paljude assotsiatsiooni liikmete osaluse, sooviga esitada mõned olulisemad põhimõtted, mida meie kogukond peab harrastusteaduse hea tava aluseks. Eesti keelde on põhimõtted tõlkinud Tartu Ülikooli loodusmuuseumi töötajad.

1. Harrastusteaduse projektid loovad harrastajate aktiivsel osalusel uut teaduslikku teadmist ja mõistmist. Projekti saab osaleda iga teadushuviline, kes soovib jagada oma tähelepanekuid või teha kaastööd muul viisil, näiteks olla abiks projekti juhtimisel.

2. Harrastusteaduse projektidel on otsene teaduslik väljund. Näiteks leitakse vastus mõnele teadusküsimusele või kogutakse teavet looduskaitseliste ja maakorralduslike tegevuste ning keskkonnapoliitika planeerimiseks.

3. Osalemisest on kasu nii tipp-teadlastel kui ka harrastajatel. Väärtus võib seisneda uurimistöö tulemuste avaldamises, õppimisvõimalustes, kaasatamise lustis, ühiskondlikus toetusel, eneseteostuse teadusliku andmestiku täiendamise kaudu, aga ka võimaluses rääkida kaasa kohaliku, rahvusliku või rahvusvahelise tähtsusega probleemküsimustes, mõjutades seeläbi ka poliitika kujunemist.

4. Harrastajad võivad soovi korral osaleda teadusliku uurimistöö mitmes erinevas järgus. See võib seisneda uurimisküsimuse täpsustamises, meetodi väljakujundamises, andmete kogumises ja analüüsimises, tulemuste sõnastamises.

5. Harrastajad saavad oma tegevustele tagasiside. Näiteks, kuidas on kasutatud nende kogutud andmeid ja millised olid uurimistulemused ning töö ühiskondlikud ja poliitilised väljundid.

6. Harrastusteadus on üks teadustöö viise. Sellel on oma piirangud ja eeldused, mida tuleks arvesse võtta ning tähele panna. Siiski võimaldab harrastusteadus erinevalt traditsioonilistest teadusmeetoditest enam kaasata avalikkust ja muuta teadust demokraatlikumaks.

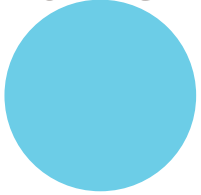
7. Harrastusteaduse projektide andmed ja meta-andmed tehakse kõigile kättesaadavaks ning tulemused avaldatakse avatud juurdepääsuga väljaannetes. Andmeid võib jagada projekti ajal või pärast projekti lõppu juhul, kui ei ole vajalik kaitsta kellegi julgeolekut või privaatsust.

8. Harrastusteadlaste osalusele viidatakse projekti tulemustes ja publikatsioonides.

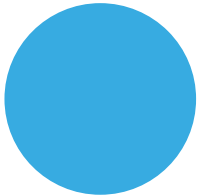
9. Harrastusteaduse projektide juures hinnatakse nende teaduslikku väljundit, andmete adekvaatsust, osalejate kogemust ning laiemat ühiskondlikku ja poliitilist mõju.

10. Harrastusteaduse projektide juhid arvestavad seaduslike ja eetiliste piirangutega, mis puudutavad autoriõigust, intellektuaalset omandit, andmete jagamise kokkuleppeid, salastatust, viitamist ja mistahes tegevuste mõju keskkonnale.

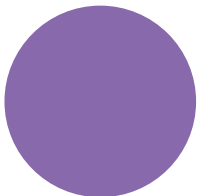
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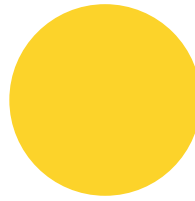
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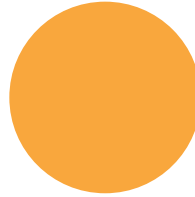
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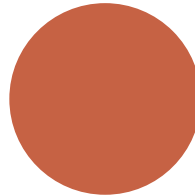
Join a working group



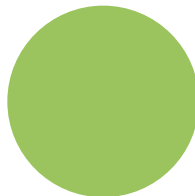
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**Reach out to me or
anyone in our HQ so that
we work together**



ecs

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Carolina Doran, ECSA
Project manager of ECS
Contact: carolina.doran@ecsango

**Follow us and join the ECS
community for future events
and project developments**



euCitSciProject

<https://eu-citizen.science/>



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