



TIME4CS

SUPPORTING SUSTAINABLE INSTITUTIONAL CHANGES TO
PROMOTE CITIZEN SCIENCE IN SCIENCE AND TECHNOLOGY

D4.5: Report on all webinars

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List of Abbreviations

CS	Citizen Science
ECSA	European Citizen Science Association
FRs	Front-Runners
GA	Grounding Action
IA	Intervention Area
Is	Implementers
RPOs	Research Performing Organizations
RRI	Responsible Research and Innovation
WP	Work Package

Executive Summary

The current document, titled 'D4.5 Reports on all webinars', has been developed within the framework of the TIME4CS project which is funded by the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No 101006201.

The purpose of this Deliverable is to report on the production of 10 webinars under Task 4.3. The webinars were part of the TIME4CS training program (D4.1, D4.2 and D4.3 First - Second and Final respectively - versions of the Description of TIME4CS training programs) and as such were developed taking into consideration the key concepts, capabilities and infrastructures that are essential for researchers and other staff engaged in the design, execution, support and evaluation of citizen science activities.

The document firstly provides information about the objectives and methodologies applied for the webinars' development (Chapter 2) and then it provides information about the concept, format, target, collaboration with other EU initiatives and webinars' promotion (Chapter 3). For each webinar, reference material is provided in Chapter 4. Finally, details of webinar participation are provided in Chapter 5 and the strategy for the webinars' sustainability is outlined in Chapter 6.



1. Overview of the project

TIME4CS – Supporting sustainable Institutional Changes to promote Citizen Science in Science and Technology – is an H2020 project funded under the Science with and for Society Work Programme in the call SwafS-23-2020 “Grounding RRI in society with a focus on citizen science”.

The project aims at supporting and facilitating the implementation of sustainable Institutional Changes in Research Performing Organizations (RPOs) to promote Public Engagement and Citizen Science in science and technology. To achieve its overall aim, TIME4CS has identified 4 Intervention Areas (IAs) that alone or combined can stimulate the Institutional Changes necessary to promote Citizen Science in Research and Innovation processes: 1) Research, 2) Education and Awareness, 3) Support resources and Infrastructure and 4) Policy and Assessment. TIME4CS analyzed these areas to consolidate the knowledge about the institutional adoption, establishment and maintenance of Citizen Science capacity and to establish a model for Citizen Science expansion through Institutional Changes.

For each Intervention Area, TIME4CS has identified an organization that has already undergone some Institutional Changes to promote Citizen Science showing therefore a comprehensive knowledge and expertise on the matter. The knowledge of these partners, called Front-Runners (FRs), contributes to the definition of a set of practical actions aimed at paving the way to Institutional Changes, defined as Grounding Actions (GAs). Front-Runners interact with and mentor four organizations willing to face the challenge of introducing Citizen Science more and more in their structures. These organizations, defined as Implementers (Is), within TIME4CS lifetime develop tailored roadmaps including a specific set of Grounding Actions to carry out, benefitting from the constant support of FRs. The interaction between FRs and Implementers takes place during the whole TIME4CS lifetime through the development of a Mutual Learning and Knowledge exchange framework designed to support the implementation and the evaluation of the GAs leading to Institutional Changes, with the ultimate goal of encouraging public engagement and Citizen Science in science and technology (see Figure 1).



Figure 1 - TIME4CS methodology

2. TIME4CS trainings

2.1 Objectives

TIME4CS methodology comprises the organization of training activities to support the implementation of Grounding Actions by Implementers, via the organization of: 1) face-to-face workshops at Implementers' premises (see D4.4 Report on all workshops¹) and 2) at least 10 webinars open to the public in order to inspire and facilitate an increasing number of RPOs to embrace the institutional transformation to promote Citizen Science (CS) in their organizations.

The training activities are organized in the framework of Work Package 4 (WP4) "Building capacities within institutions to engage and support Citizen Science activities" which aims at expanding TIME4CS activities beyond the consortium members engaging researchers and other research support staff members in RPOs to develop the required capacities to design, execute, support and evaluate CS projects. The training activities include raising awareness and increasing knowledge of all aspects of conducting responsible CS projects. They also integrate the knowledge gathered by TIME4CS activities, in particular the Implementers' experience in carrying out the actions described in the roadmaps (see D2.3 Final version of the Compilation of roadmaps and Grounding Actions for the Implementers²)

2.2 Methodology

The design of the TIME4CS webinars was originally based on the information described in the D4.1 First version of the Description of TIME4CS training programs³ (July 2022). The document, starting from a mapping of the current trends of CS training programs in Europe, identified the key concepts, capabilities and infrastructures for CS training as the basis for TIME4CS training programs. In its first version, the document identified 12 training modules (three for each of the four Intervention Areas - Research, Education & Awareness, Support Resources & Infrastructure, and Policy & Assessment) that could be combined into training programs depending on the needs of the RPOs providing the training. Based on this information, APRE drafted the first version of the webinars' schedule (namely 'TIME4CS webinars plan', available in TIME4CS sharepoint, shown in Table 1) including the following information:

1. **Title/theme:** topic of the webinar
2. **Who:** speakers of the webinar
3. **When:** date of the webinar
4. **How:** modality of the webinar (e.g. pre-recorded, live, etc.)
5. **Partner:** TIME4CS partner(s) involved
6. **Format:** interactive, panel, roundtable, etc.
7. **Comments**

¹ <https://doi.org/10.5281/zenodo.8083037>

² <https://doi.org/10.5281/zenodo.5743298>

³ <https://doi.org/10.5281/zenodo.6906330>

The initial plan was presented and discussed with the whole consortium during the General Assembly held in Brussels in December 2022. APRE presented the initial plan and gathered input from partners about possible topics, projects and initiatives to collaborate with and format of each webinar.

The webinar plan was considered as a living document to be updated depending on the project's needs and activities, in particular taking into consideration the evolution of the TIME4CS training program updated in January 2023 (see D4.2 Second version of the Description of TIME4CS training programs⁴). The update included an evolution of the initial 12 training modules into 4 training courses (one for each of the four Intervention Areas - Research, Education & Awareness, Support Resources & Infrastructure, and Policy & Assessment). Also, the initial plan of 10 webinars was revised taking also into account the opportunities for collaboration with other EU projects, to maximize the impact of the activities and minimize the risk of low participation. Via the collaboration with similar projects, we realized indeed that many similar events were planned, targeting the same relatively small community (see D6.7 Final version of TIME4CS Clustering activities and user engagement activities report⁵).

Table 1 - TIME4CS final webinars plan

	Title/theme	Who	When	How	Partner	Format
1	Driving changes to embed Citizen Science at your institution	TIME4CS	06/12/2022	Live	APRE, ESF, AU	Interactive workshop
2	The Citizen Science funding landscape	IMPETUS	09/03/2023	Live	UCL	Panel discussion
3	Citizen science in the dialogue between science and society	ECSA	27/04/2023	Live	UniSR	Interactive workshop
4	Ethical aspects of Citizen Science: good practices and institutional interventions	ETHNA JoinUs4Health	16/05/2023	Live	APRE	Panel discussion
5	Monitoring and evaluating the impact of Citizen Science Hubs (CSHs)	INCENTIVE MICS	30/05/2023	Live	ZSI	Panel discussion
6	Opening research to society in Horizon Europe. How to set up citizen science projects?	INCENTIVE ECSA SOCIO-BEE COMPAIR	08/06/2023	Live	APRE	Panel discussion
7	What transformations are needed for research	INCENTIVE	27/06/2023	Live	AU, UCL	Interactive workshop

⁴ <https://doi.org/10.5281/zenodo.7560973>

⁵ <https://doi.org/10.5281/zenodo.5807250>

	institutes to support citizen science?					
8	Co-production of the TIME4CS statement	ECS	03/07/2023	Live	ESF, UCL	Interactive workshop (session of the ECS Cluster Event 2023)
9	CS Hubs explained: needs, resources, best practices	INCENTIVE	29/08/2023	Live	KTU	Panel discussion
10	Citizen Science and Artificial Intelligence Technologies: Collaborating for an Innovative and Unbiased Future	BIAS	09/10/2023	Live	CHX, APRE	Helix Event

3. TIME4CS webinars' structure

For each webinar, APRE developed internal guidelines for running the webinar. The document contained information about the following:

1. **Concept:** general overview of the webinar objectives, including the link to specific TIME4CS IA(s) and main outcomes for the participants
2. **Target audience(s):** to whom the webinar was mainly addressed
3. **Format:** overview of the specific format chosen
4. **Link with other initiatives:** overview of similar projects/initiatives to collaborate with
5. **Promotion:** information about the promotion of the event (e.g. promotional text, agenda, etc.)

3.1 Concept

TIME4CS webinars were linked to at least one of the TIME4CS IAs, namely 1) Research, 2) Education and Awareness, 3) Support resources and Infrastructure and 4) Policy and Assessment, and each concept was based on the TIME4CS training program detailed in D4.1 First version of the Description of TIME4CS training programs⁶. In each webinar, a specific aspect of the TIME4CS project was addressed and deepened with the goal of sharing the knowledge gained in the project activities with the relevant target audience identified for the webinar.

The concept includes information about the learning goals and outcomes of the webinar and how the participants will benefit from their participation in the training activity.

3.2 Target audience(s)

For TIME4CS webinars, 6 main categories of potential target audience(s) were identified:

⁶ <https://doi.org/10.5281/zenodo.6906330>

- **Researchers:** they are the ones meant to apply CS in their research activities but often they lack knowledge on basic principles, or have common misunderstandings to overcome (e.g. confusion with science communication and outreach activities).
- **Research Support staff:** they can provide support to researchers in grant proposals and project preparation and implementation. They have a specific interest in knowing more about CS methodologies, funding opportunities and the kind of support they can provide to researchers adopting it as a research methodology.
- **Communication officers:** they provide support to researchers in coordinating communication and outreach activities of research projects towards non-academic audiences (e.g. industry, policy-makers and the general public).
- **Research library staff:** Library staff is in charge of institutional repositories and data policy within institutions, and they can become an internal contact point for researchers on this aspect, as CS projects may include gathering of data coming from the public. They are also a possible contact point to reach the public.
- **Research Managers:** they can have a big impact on facilitating the adoption of CS by the establishment of support structures for researchers, but often have little knowledge about CS as a research methodology.
- **Students:** Master and PhD students often receive little formal education on CS, but they may be interested in the impact of science on society and they can apply CS methodologies to their future research activities.

3.3 Format

The format of each TIME4CS webinar was chosen depending on the specific objectives and learning outcomes for participants, taking into account the importance of interacting with the audience and promoting the exchange within the community. The following formats were used:

- **Interactive workshops:** the webinar was usually composed of a first part to introduce participants to the topic and provide some background information, followed by a second part where participants could work together on interactive tools (e.g. MIRO) and directly test some of TIME4CS tools and main results (i.e. TIME4CS reflection tool⁷).
- **Panel discussion/roundtable:** this format was used for webinars with more than one speaker, usually organized in collaboration with other CS projects and initiatives to capitalize on common knowledge and share with participants a more comprehensive overview of the subject.
- **Helix event:** clustering event to trigger and stimulate the collaboration between participants.

3.4 Collaboration with other EU initiatives

Based on the well-established collaboration with EU initiatives within the CS field, as described in D6.6 Second version of TIME4CS Clustering activities and user engagement activities report⁸, TIME4CS

⁷ <https://doi.org/10.5281/zenodo.7022933>

⁸ <https://doi.org/10.5281/zenodo.5807250>

collaborated with several CS projects in the organization of joint events. In particular, TIME4CS directly collaborated with the INCENTIVE project⁹, funded under the same call, and therefore sharing similar scope and objectives. A close collaboration was established by sharing the webinar plan with the INCENTIVE team and working together to align objectives and activities to maximise the outreach of each single webinar, targeting the same community. In total, 4 webinars were organized jointly, and both projects were equally represented in terms of speakers, moderators and activities foreseen.

Beyond the INCENTIVE project, some webinars were organized in collaboration with the European Citizen Science Association (ECSA) and with 6 other EU-funded projects. More details about the collaboration with other CS initiatives are available in see D6.7 Final version of TIME4CS Clustering activities and user engagement activities report¹⁰.

3.5 Promotion

A comprehensive and dedicated strategy was put in place in order to guarantee an effective promotion of all webinars, thus reaching out to the TIME4CS community as well as any potential stakeholders interested in them. The strategy was mainly built around three pillars:

- Graphic recognizability in line with TIME4CS' established visual identity
- Strategic planning of promotion steps and timing
- Coherence, both in visual and layout terms, among all webinars

Accordingly, promotion of each webinar followed a defined sequence of steps that can be summarized as follows:

- Development of a promotional card with visual elements highlighting the webinar's concept and focus
- Setup of the registration page and online meeting using Zoom
- Early promotion of the webinar via the Events page on TIME4CS website
- Finalization of the promotional card around 3 weeks before the actual date of the webinar
- First promotion of the webinar on TIME4CS social media (Twitter, LinkedIn) in the form of a "SAVE THE DATE" post
- Weekly promotion (twice per week) of the webinar with a call to action to encourage people to register
- Further promotion of the webinar through the Citizen Science Helix, ECSA newsletter, mailing to similar projects and initiatives
- On a constant basis, public promotion of the series of webinars or the upcoming one at each conference/event where one or more TIME4CS partners had a session or presentation

This promotion strategy and its related activities proved to be extremely effective in maximising the reach of WP4 webinars, building a solid and recognisable identity around them, which in turn let people from the CS community become loyal to the "series" of events, as well as to the project as a whole.

⁹ <https://incentive-project.eu/>

¹⁰ <https://doi.org/10.5281/zenodo.5807250>

4. Reference material

4.1 Webinar 1 - Driving changes to embed Citizen Science at your institution

Date: 6th December 2022

Concept

This online interactive workshop provided participants with an overview of the concept of institutional roadmaps and possible Grounding Actions (GAs) that can be carried out within RPOs to stimulate the institutional change necessary to promote the adoption of CS as a research methodology. Participants had the opportunity to interact with TIME4CS partners and to learn more about the GAs and get inspired about possible steps to be replicated within their own context. During the workshop, participants focused on their challenges and opportunities for implementing CS in their organizations, discussing how to overcome challenges and exploit opportunities with the use of the TIME4CS reflection tool.

Target audiences:

- Research Support staff and Managers
- Researchers

Learning goals for participants:

- Identify institutional resources and support needed for CS
- Concrete examples and suggestions on how to stimulate institutional changes to promote CS

Format: Interactive workshop

Link to the webinar page on the website: <https://www.time4cs.eu/webinar-1>

4.2 Webinar 2 - The Citizen Science funding landscape

Date: 9th March 2023.

Concept:

This event provided participants with an overview of different funding opportunities for CS projects, on a national and international scale. The event consisted of a discussion with representatives of different funding sources at local, national and international levels, with a discussion on similarities and specificities between the different approaches. By attending this event, participants had the opportunity to explore the wide-ranging Citizen Science funding landscape and got acquainted with new opportunities for Citizen Science initiatives.

Target audiences:

- Researchers



- Students
- Research support staff (funding offices)

Learning goals for participants:

- Describe funding bodies and calls that include CS
- Analyse existing research portfolios to identify new funding opportunities within CS
- Discuss changes needed to qualify for CS funding

Format: panel discussion with funders representatives

Collaboration with: IMPETUS¹¹

Link to the webinar page on the website: <https://www.time4cs.eu/webinar-2>

4.3 Webinar 3 - Citizen science in the dialogue between science and society

Date: 27th April 2023.

Concept:

Citizen science has the potential to bring together science, policymakers, and society as a whole in an impactful way. In this process, communication is key. But what is it meant by “communication”?

In this webinar it was explored how dialogical and participatory communication, where all parties are actively involved, is strategic both for research and for society.

A journey through science in recent decades to grasp its rapid and incredible transformations and understand how science communication has welcomed and interpreted them was taken. It was seen how citizen science can be a truly revolutionary approach to democratise science and make it truly inclusive and open to diversity.

Target audiences:

- Communication officers
- Researchers

Learning goals for participants:

- Inspiration about CS awareness-raising campaigns from experienced partners
- Sample pathways to design their own communication strategies and plan events on CS, leading to recruitment of project participants

Format: Interactive workshop

¹¹ <https://impetus4cs.eu/>

Collaboration with: European Citizen Science Association (ECSA)¹²

Link to the webinar page on the website: <https://www.time4cs.eu/webinar-3>

4.4 Webinar 4 - Ethical aspects of Citizen Science: good practices and institutional interventions

Date: 16th May 2023.

Concept:

This webinar provided participants with a specific Citizen Science (CS) case study, which implies different levels of ethical and legal challenges, including GDPR compliance and various ethics dimensions (i.e. research integrity, gender perspective, open access, public engagement, etc.). JoinUs4Health presented the project's methodology and the case study as a whole, highlighting the most sensitive aspects of its implementation to focus the participants' attention on the needed interventions.

ETHNA System then presented its flexible ethical governance system, illustrating its optimal composition for the chosen case: which "columns" should be considered (code of ethics and good practices, ethics committee on R&I, ethics line) and which building brick to be implemented (research integrity, gender perspective, public engagement, open access), according to the issues raised by the case study as well as the institutional commitment and capabilities of the hosting organisation in these terms.

This event served a dual purpose: on one hand it gave participants an understanding of the necessary framework within which embedding particular CS projects/activities (as the chosen case study), on the other hand it outlined a customized "lookalike" institutional intervention to address the ethical and legal challenges arising from the case study.

Target audience:

- Research Support staff and Managers

Learning goals for participants:

- Provide ethical/legal protocols tailored to the institution/national requirements
- Develop protocols on implementation of CS activities
- Develop plans for ethical and legal approval of CS projects

Format: Panel discussion

Collaboration with: JoinUs4Health¹³, ETHNA System¹⁴

¹² <https://www.ecsa.ngo/>

¹³ <https://joinus4health.eu/>

¹⁴ <https://ethnasystem.eu/>

Link to the webinar page on the website: <https://www.time4cs.eu/webinar-ethics>

4.5 Webinar 5 - Monitoring and evaluating the impact of Citizen Science Hubs (CSHs)

Date: 30th May 2023.

Concept:

The webinar was a combined effort of the TIME4CS and INCENTIVE projects. During the webinar, participants had the opportunity to dive into aspects of monitoring and evaluating the impact of Citizen Science Hubs, including (i) a step-by-step approach to how to create an M&E framework to assess the impact of the Hubs; (ii) an evaluation approach to monitor and evaluate the impact of the institutional changes made by Research Performing Organisations that aim to lead to a better and more effective engagement of citizens in research. Furthermore, (iii) a guest speaker from the MICS project guided the participants through the MICS impact assessment tool and its utilities.

Target audience:

- Research Support staff and Managers

Learning goals for participants:

- Get information about monitoring and evaluating the impact of Citizen Science Hubs
- Get familiar with bringing evidence for institutional changes supporting CS in RPOs
- Get familiar with MICS impact assessment tool

Format: Panel discussion

Collaboration with: INCENTIVE¹⁵, MICS¹⁶

Link to the webinar page on the website: <https://www.time4cs.eu/webinar-evaluation>

4.6 Webinar 6 - Opening research to society in Horizon Europe. How to set up citizen science projects?

Date: 8th June 2023.

Concept:

Open Science is a core strategy of the European Commission that involves widening participation and collaboration as well as sharing research processes and outcomes to improve research and innovation. The

¹⁵ <https://incentive-project.eu/>

¹⁶ <https://mics.tools/>

collaborative and inclusive characteristics of Open Science allow all social actors to engage in scientific processes, including through citizen and participatory science.

This webinar provided an overview of citizen science as part of the Open Science strategy and presented how citizen science projects are set up within that framework. Participants had the opportunity to interact with speakers and get first-hand information on how to effectively integrate citizen science in research methodology and what aspects to take into account in the proposal development.

Target audiences:

- Researchers
- Research support staff

Learning goals for participants:

- Get to know the landscape of Open Science within Horizon Europe.
- Get information about how to address HE template requests about Open Science and how CS can play a central role.
- Learn about the unique set up of CS projects and will become aware of which aspects to consider and pay special attention to.
- Get to know different sources, materials and open tools/platforms for CS projects.
- Learn about ongoing CS projects and concrete tasks associated with them and their set up.
- Get to know one of the INCENTIVE Hubs and the projects that are being realised.

Format: Panel discussion

Collaboration with: INCENTIVE¹⁷, ECS¹⁸

Link to the webinar page on the website: <https://www.time4cs.eu/webinar-open-science>

4.7 Webinar 7 - What transformations are needed for research institutes to support citizen science?

Date: 27th June 2023.

Concept:

The process of integrating citizen and community science within research institutions and universities is full of challenges and opportunities. This webinar, from the European TIME4CS and INCENTIVE projects, explored lessons learned from a range of institutions and their experiences, from their symposium on the topic at the CSA's C*Sci conference in May 2023, and from webinar participants on the day.

¹⁷ <https://incentive-project.eu/>

¹⁸ <https://eu-citizen.science/>

Participants can also share their own experiences and contribute to the creation of a resource to share possible pathways to integrate activities to promote and embed citizen science in research performing organisations (RPOs), hopefully supporting this often difficult process. The final resource will, of course, be openly available on the EU-citizen.science platform, project websites and shared widely.

Target audiences:

- Researchers
- Research support staff

Learning goals for participants:

- The opportunity to hear about and discuss potential strategies for embedding citizen science within institutions.
- Contribute to the creation of a resource to share possible pathways to integrate activities to promote and embed citizen science in research performing organisations (RPOs)

Format: Panel discussion

Collaboration with: INCENTIVE¹⁹

Link to the webinar page on the website: <https://www.time4cs.eu/webinar-transformations>

4.8 Webinar 8 - Co-production of the TIME4CS statement

Date: 3rd July 2023, in the context of the ECS clustering event.

Concept:

The TIME4CS project participated in the ECS Cluster Event 2023 and led one of the co-creation activities focusing on the co-production of the TIME4CS statement.

This online event was for everyone (such as academics, educators, university staff, citizen science practitioners, early career researchers, policymakers, civil servants, the general public and industry representatives) interested in learning about and discussing the role of citizen science in transforming universities in Europe.

The second part of the event (i.e. Recommendations and solutions to better support the integration of citizen science in universities) aimed to build together suggestions for the European Commission and other stakeholders in ways of supporting citizen science in the higher education sector. In groups, participants were invited to discuss together some questions. TIME4CS led the discussion around what are the incentives or measures (from individual to policy level) needed for effectively integrating citizen science into universities'

¹⁹ <https://incentive-project.eu/>

education and research activities. The participants supported TIME4CS to co-create a statement for institutions willing to pursue institutional change on citizen science²⁰.

Target audiences:

- Researchers
- Research support staff and managers

Learning goals for participants:

- The opportunity to hear about and discuss potential strategies for embedding citizen science within institutions.
- Contribute to the creation of a resource to share possible pathways to integrate activities to promote and embed citizen science in research performing organisations (RPOs)

Format: Interactive workshop

Collaboration with: ECS²¹

Link to the webinar page on the website: <https://www.time4cs.eu/events/ecs-cluster-event-2023>

4.9 Webinar 9 - CS Hubs explained: needs, resources, best practices

Date: 29th August 2023.

Concept:

The objective of the webinar was to have a discussion on the need for one or more Citizen Science Institutional Contact Points (CS-ICPs) inside Research Performing Organisations (RPOs). Firstly, participants were provided with a detailed description of what CS-ICP is, how it should be structured, what are the resources needed, and who should take care of – and work for – it. Then, they were given examples of different RPOs organisational structures and governances, which do include a CS Hubs.

In this context, and building on the mentioned examples, TIME4CS and INCENTIVE provided recommendations on where CS Hubs would fit best within an organisation's organigram, best practices and operating models for established contact points to carry out their role the best way and represent an added value for the organisation as a whole.

Target audience:

- Research support staff and managers

Learning goals for participants:

²⁰ <https://doi.org/10.5281/zenodo.10201229>

²¹ <https://eu-citizen.science/>

- Know-how on identifying an institutional contact point for CS
- Establish facilities to support CS activities (e.g. CS Hubs)

Format: Panel discussion

Collaboration with: INCENTIVE²²

Link to the webinar page on the website: <https://www.time4cs.eu/webinar-contact-point>

4.10 Webinar 10 - Citizen Science and Artificial Intelligence Technologies: Collaborating for an Innovative and Unbiased Future

Date: 9th October 2023.

Concept:

This webinar aimed to bring together the power of citizen participation and the potential of emerging technologies.

In this era of rapid technological advancements, citizen science provides a unique opportunity to engage individuals from diverse backgrounds in scientific research and innovation. By involving citizens in data collection, analysis, and problem-solving, we can tap into the collective intelligence of the crowd, accelerating scientific discovery and fostering a deeper understanding of our world.

Interdisciplinarity in these areas unlocks new possibilities for addressing complex challenges in areas like the labour market, environmental conservation, public health, and urban planning. This collaboration enables harnessing the power of technology to amplify the impact of citizen-driven initiatives, facilitating real-time data collection and data sharing. At the same time, practices and methodologies inspired by citizen science can be used to consult and engage users and stakeholders in AI research, and make sure computer scientists get input and feedback that contribute to increasing the inclusiveness and trustworthiness of the systems they design.

Target audience:

- Researchers

Learning goals for participants:

- Know-how on power of citizen participation and the potential of emerging technologies

Format: Helix event

Collaboration with: BIAS²³

²² <https://incentive-project.eu/>

²³ <https://www.biasproject.eu/>

Link to the webinar page on the website: <https://www.time4cs.eu/helixevent-csai>

5. Statistics

A total number of 1018 people expressed interest in TIME4CS webinars by registering to the online events, with a participation rate of 53% (Figure 2). The topics of most interest for the community were:

1. Citizen Science and Artificial Intelligence Technologies: Collaborating for an Innovative and Unbiased Future (189 registered)
2. The CS funding Landscape (187 registered)
3. Citizen science in the dialogue between science and society (145 registered)

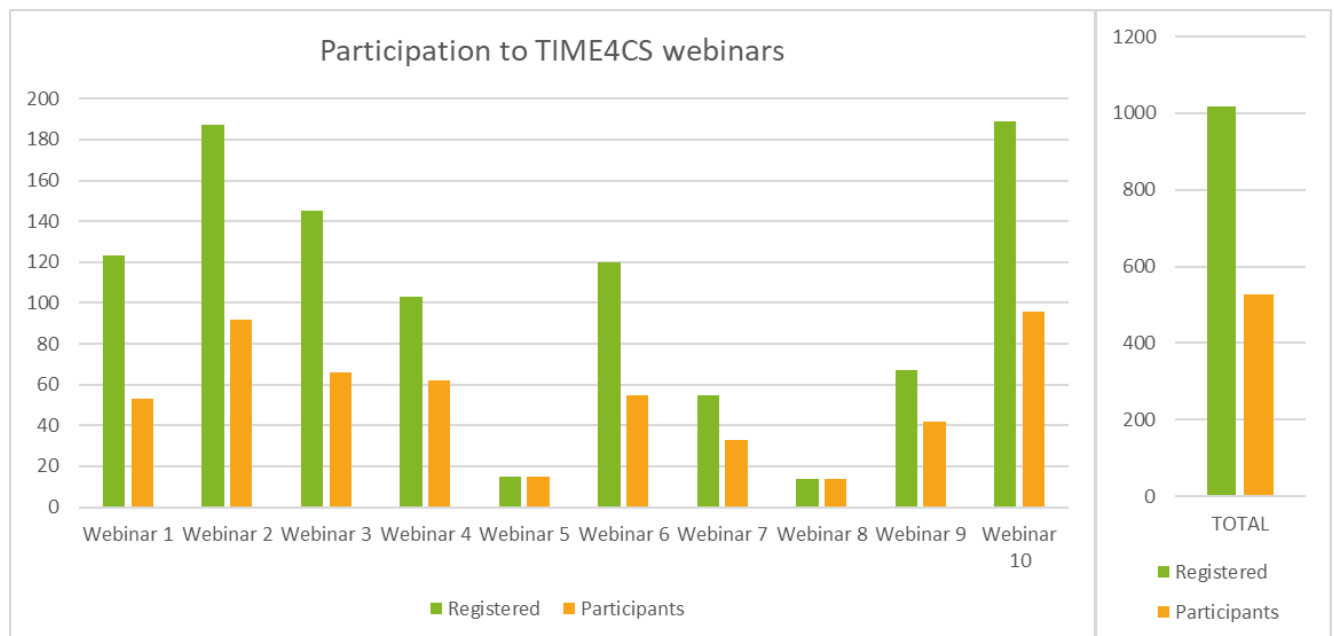


Figure 2 - Participation to TIME4CS webinars

The participation to TIME4CS webinars was also analysed according to the categories of registered participants, based on the self-identification provided in the registration form (Figure 3). TIME4CS webinars mainly targeted the scientific community comprising both researchers and research support staff, while the interest of other categories was more dependent on the specific topic of the training.

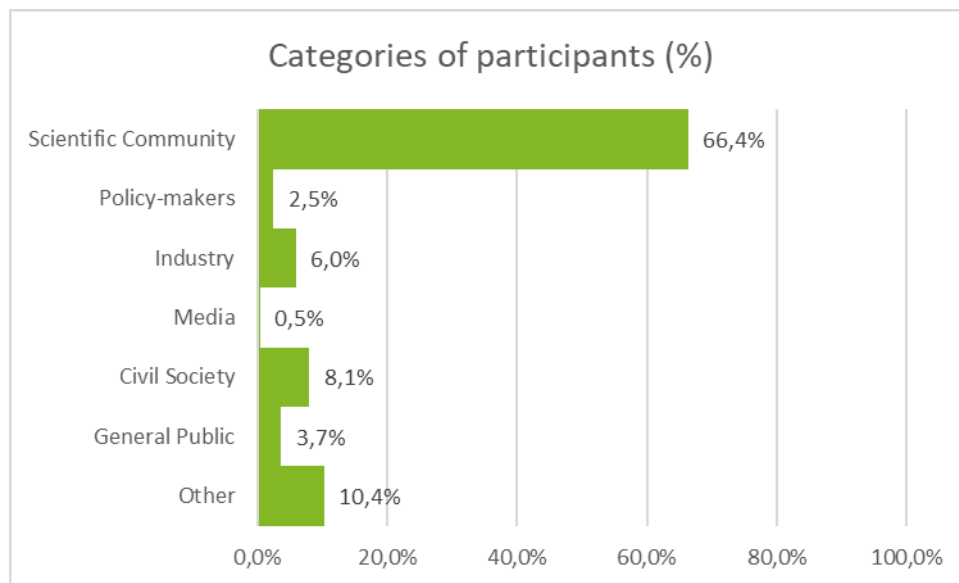


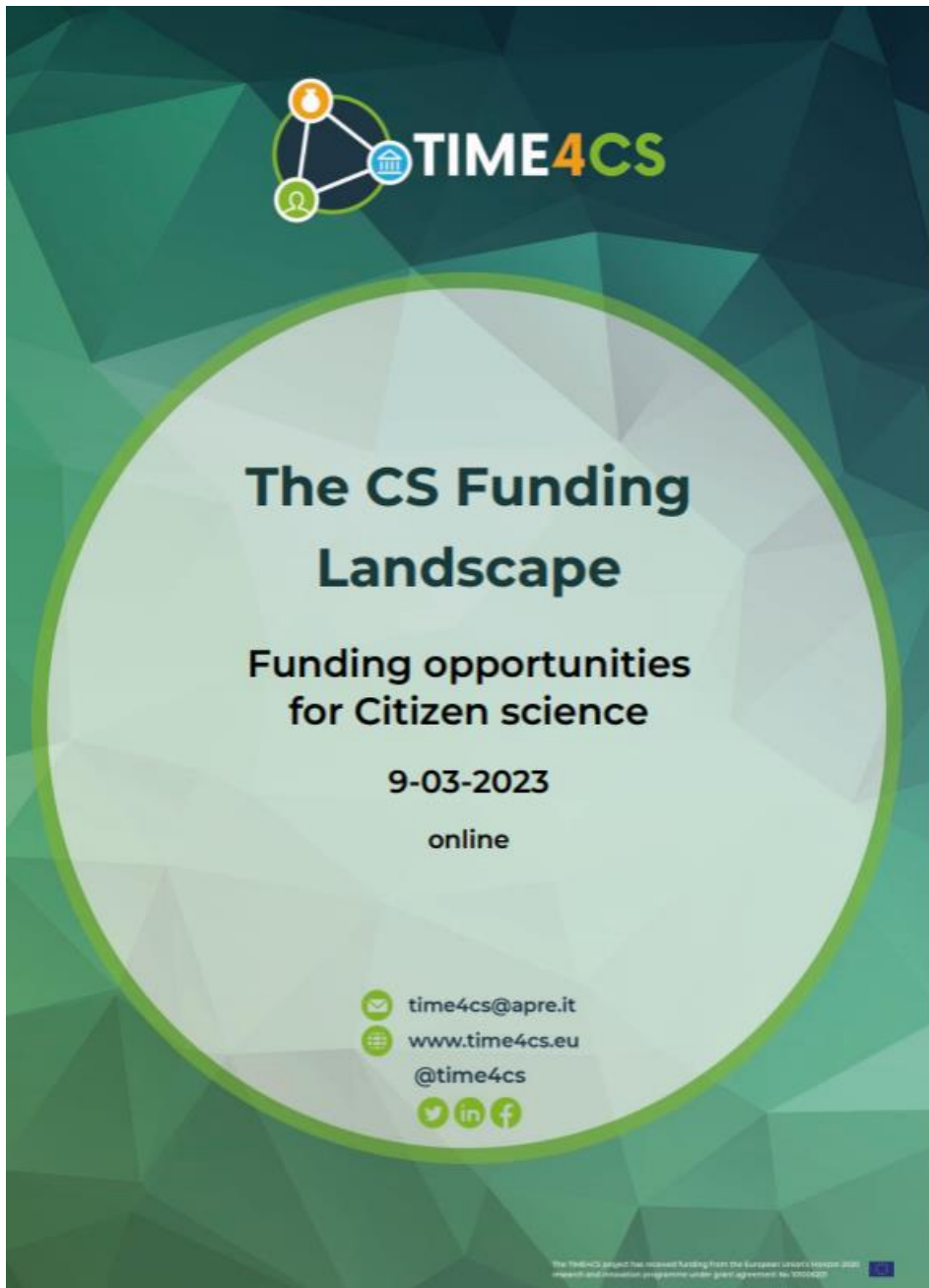
Figure 3 - Typologies of participants to TIME4CS webinars

6. Sustainability of the webinars

All TIME4CS webinars were recorded and they are openly accessible on the TIME4CS website. To ensure sustainability beyond the end of the project and to maximise the outreach of the webinars, all webinars are also individually listed on the EU-citizen.science platform with links to the relevant TIME4CS Resources webinar webpage.

The sustainability of the webinars is aligned with the sustainability strategy of the TIME4CS training program described in D4.6: TIME4CS sustainability plan of the capacity building program.

APPENDIX A | Template of a TIME4CS webinar agenda





The CS Funding Landscape

Funding opportunities for Citizen Science

09-03-2023 online

DESCRIPTION:

This event will provide participants with an overview of different funding opportunities for CS projects, on a national and international scale. The event will consist of a discussion with representatives of different funding sources at local, national and international level to discuss similarities and highlight specificities between the different approaches to integrate Citizen Science in research projects. By attending this event, participants will have the opportunity to explore the wide-ranging CS funding landscape and get acquainted with new opportunities for Citizen Science initiatives

TARGET:

Researchers
Research support staff

CONTACTS:

time4cs@apre.it

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 www.time4cs.eu

The TIME4CS project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101006201 



TIME	TITLE	SPEAKER
10.00 – 10.10	Welcome by TIME4CS	APRE
Moderator: Muki Haklay UCL		
10.10 – 10.25	Citizen Science at European Level: Mutual Learning Exercise outcomes	Rosa Arias Science for Change
10.25 – 10.40	Citizen Science opportunities at national level: Sparking Science 2.0	Marika Cieslinski OeAD
10.40 – 10.55	Citizen Science going local: IMPETUS project	Gefion Thuermer King's College
10:55 – 11:15	Q&A	
11:15 – 11:30	Wrap up and Conclusion	APRE



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TIME4CS

Consortium:

- APRE
- UCL
- SCIENCE CONNECT
- CRG
- ZSI
- CITIZEN SCIENCE CENTER ZÜRICH
- AARHUS UNIVERSITY
- CrowdHelix
- Tyndall
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