

D6.3 Final version of the Communication, Dissemination and Exploitation Plan (CDEP)

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List of abbreviations

AU	University of Aarhus
APRE	Agenzia per la promozione della ricerca europea
CS	Citizen Science
CRG	Centre for Genomic Regulation
ECSA	European Citizen Science Association
ESF	Fondation Européenne de la Science
GA	Grounding Action
IA	Intervention Area
KTU	Kaunas University of Technology
OS	Open Science
RFO	Research Funding Organisation
RPO	Research Performing Organisation
R&I	Research and Innovation
RRI	Responsible Research and Innovation
Tyndall	Tyndall National Institute University College Cork
UCC	University College Cork
UCL	University College London
UniSR	Università Vita Salute San Raffaele
UZH CC-CS	Competence Center Citizen Science, University of Zurich
WP	Work Package
ZSI	Zentrum für Soziale Innovation



Executive Summary

Due to the need of communicating and disseminating to different types of target groups, a structured Communication, Dissemination and Exploitation Plan (CDEP) has been designed in order to ensure a wider communication of the TIME4CS mission and disseminate its results and activities among the beneficiaries as well as among the target audiences of the project activities.

This document represents the third and final version of the CDEP, submitted in its first release in June 2021 (M6) and then in its 2.0 version in June 2022 (M18). Building on the previous versions and integrating them with achieved results, relevant facts and figures coming from the activities performed during the whole project duration, this final CDEP presents a revised structure. In every relevant section, it provides a brief summary of the strategies and progress related to the first 18 months, and an highlight of the results in the last 18. D6.3 aims at reporting what has been done so far as well as providing an overview of TIME4CS legacy, its composition and the related strategy to keep fostering it beyond the project lifespan, exploitation-wise but also in terms of dissemination.

Dissemination concerns only the results of the project which are disseminated within the action's own community (e.g. presentation at scientific conferences, and/or peer reviewed publications). Promoting the action and its results on the other hand goes beyond that, as it means taking strategic and targeted measures for communicating about the action and its results to a multitude of audiences, including the media and the public, and possibly engaging in a two-way exchange.

The final plan has a quadruple function:

- the section dedicated to **communication** defines the communication goals, target audiences, main messages that have been conveyed and the strategy adopted to overcome the barriers that could have negatively affected the communication of TIME4CS and improved the engagement of the primary and the secondary target audiences about the activities of the project.
- the **dissemination** section gives an overview of the results reached by the project's, for which a spectrum of proper dissemination channels has been used and constantly adapted to the targeted groups.
- the **exploitation** section shows the instruments and strategy adopted to favour the exploitation of project results beyond TIME4CS lifespan.
- the **monitoring** section provides final figures about the reaching of KPIs.

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 aimed at **supporting and facilitating the implementation of sustainable Institutional Changes in Research Performing Organizations** to promote Public Engagement and Citizen Science in science and technology. Institutional Changes can be defined as a type of change triggered in an organization and characterized by being *irreversible, comprehensive, inclusive and contextualized*. TIME4CS did not aim at exploring Institutional Changes as a general phenomenon but the project focused on the specific Institutional Changes needed to embed Citizen Science in RPOs. Therefore, 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. The knowledge of these partners, called **Front-Runners**, contributed to the definition of a set of practical actions aimed at paving the way to Institutional Changes, defined as **Grounding Actions**. Front-Runners interacted with and mentored four organizations willing to face the challenge of introducing Citizen Science more and more in their structures. These organizations, defined **Implementers**, within TIME4CS lifetime developed tailored roadmaps including a specific set of Grounding Actions to carry out, benefitting from the constant support of Front-Runners. The interaction between Front-Runners and Implementers took 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 implementation of Grounding Actions leading to institutional changes with the ultimate goal of encouraging public engagement in science and technology.

2. Introduction to the Communication, Dissemination and Exploitation Plan (CDEP)

Measures to maximise impact – communication, dissemination and exploitation activities – have been undertaken by the project consortium with the overall goal of increasing awareness about the relevance of Institutional Change as a driver for Citizen Science among the potentially interested parties, in particular academia, research funding organisations and policy makers. Furthermore, strategic steps were taken to promote participation of citizens in research activities, thus facilitating their involvement in science and technology.

While communication activities mainly focused on reaching the larger public and keeping them constantly informed and engaged with the project activities all along the project lifecycle, TIME4CS dissemination aimed at facilitating the widespread of project results as soon as they were available during the project's journey. Finally, targeted activities were designed and implemented to ease the uptake of the project outputs by end-users, such as Research Performing Organisations willing to implement the institutional change or policy makers interested in introducing policy measures to foster Citizen Science (exploitation).

To this end, a structured Communication, Dissemination and Exploitation Plan (CDEP) was designed (D6.1) in line with the overall project objectives and taking into consideration the expected impacts. The Plan was drafted (and was regularly updated) in cooperation with all beneficiaries, setting out an efficient timetable of activities to be followed by each partner. The CDEP defines:

- the target audiences, considering their needs and interests,
- communication and dissemination's messages to be conveyed and activities to be implemented,
- proper timing and level of intensity of the activities,
- communication, dissemination and media channels to be addressed, as well as the related performed activities
- exploitation tools.

A community-building approach (being a Coordination and Support Actions) was adopted when planning the TIME4CS dissemination, communication and exploitation activities, leveraging and aggregating networks and communities of interest already existing. This was done by, inter alia, using the facilities offered by Crowdhelix, through the creation of a dedicated Citizen Science Helix as well as networks of other TIME4CS partners.

3. Communication and Dissemination objectives

The main goal of the dissemination and communication strategy is to increase the use of results produced during the project. The critical element for this is that the project’s outcomes must be critically and thoroughly assimilated, and the target audience must fit the new information with her/his prior understandings and experience. For this reason, during the project, the beneficiaries are constantly involved in two types of activities in order to maximise the impact: dissemination and communication.

Dissemination concerns the results of the project which are often disseminated within the action’s own community (e.g. presentation at scientific conferences, peer reviewed publications). Promoting the action and its results on the other hand goes beyond that, as it means taking strategic and targeted measures for **communicating** about the action and its results to a multitude of audiences, including the media and the public and possibly engaging in a two-way exchange.

For this reason, the objectives are divided into two groups: Dissemination and Communication.

DISSEMINATION OBJECTIVES	COMMUNICATION OBJECTIVES
<ul style="list-style-type: none"> • to maximize the impact of the project’s results • to transfer the project’s results to a wider audience to share the tools and knowledge developed by the project. 	<ul style="list-style-type: none"> • to improve the visibility of activities and services offered by TIME4CS, • to improve and stimulate the communication flux among the beneficiaries and with the identified target groups, • to stimulate dialogue concerning institutional changes in the field of Citizen Science, • to establish a dialogue among collaborative European projects or initiatives focused on Citizen science, • to improve the visibility of EU Commission’s support.

4. Target groups

All Dissemination, Communication and Exploitation activities were designed to ensure that the information and knowledge necessary for implementing Institutional Changes is available to those who can most benefit from it. With such a view, TIME4SC efforts were primarily focused on transferring project results to the following **relevant target groups**:

- **TG1. Academia and education:** researchers, research managers and members of RPOs Governance, including public and private research bodies; universities, research organisations; research libraries; science and technology parks; technology transfer offices
- **TG2. Research Funding Organisations:** European Commission, national Ministries of Research, Higher Education and Innovation, Banks, public and private foundations at local, national and international levels (e.g. Agencies for Management of Universities and Research Grants).
- **TG3. Policy Makers:** Ministries for research, higher education and university, including policy makers at local, regional, national, European and international level with interest and influence on Research Performing Organisations and Research Funding Organisations.
- **TG4. Civil Society:** Associations, Interest Groups and members of the public (e.g European Citizen Science Association (ECSA), national Citizen Science networks, associations of citizens promoting science).
- **TG5. Business:** Companies working in R&I, SMEs developing Citizen Science projects (e.g. developing ICT platform for CS projects).
- **TG6 Citizen Science Initiatives:** European or National projects, local and international initiatives related to Citizen Science and/or RRI (e.g. Super MoRRI project).

The selection of primary and secondary target groups is important to describe the scope and characteristics of the "potential users" that dissemination and communication activities are designed to reach, for each objective. The primary target group for TIME4CS was closely linked to activities and services offered by the project while the secondary target group was not directly involved or affected by TIME4CS activities but it influenced the primary target group.

Primary Target	Secondary Target
<p>TG1. Academia and education</p> <p>TG2. Research Funding Organisations</p>	<p>TG3. Policy Makers</p> <p>TG4. Civil Society</p> <p>TG5. Business</p> <p>TG6 Citizen Science Initiatives</p>

5. Key messages

Information may be overwhelming to the audience. Everyday life tends to pack a lot of information into a limited space and time. For the purpose of project communication and dissemination, it is more effective to focus on a few clear messages that the project can convey. The Message Framework below provides a common lexicon for TIME4CS partners as well as external actors (e.g. media agencies) to draw from. It consists of words and phrases to describe, in a consistent way, TIME4CS’s most important characteristics across all communication medians (news and magazine articles, videos, university platforms, etc.).

Positioning	TIME4CS activities work to stimulate institutional change to promote citizen science and public engagement in science and technology.
Tagline (e.g.: intro in the website or social media profile).	TIME4CS aims at supporting and facilitating the implementation of sustainable Institutional Changes in Research Performing Organizations to promote Public Engagement (citizens and citizens associations) and Citizen Science in science and technology.
Payoff	Supporting sustainable Institutional Changes to promote Citizen Science in Science and Technology
Elevator speech for external using	<p>TIME4CS (Supporting sustainable Institutional Changes to promote Citizen Science in Science and Technology) aims at supporting and facilitating the implementation of sustainable Institutional Changes in Research Performing Organizations (RPOs) to promote Public Engagement (citizens and citizens associations) and Citizen Science in science and technology. TIME4CS has identified 4 Intervention Areas (IAs) that alone or combined can stimulate the Institutional Changes necessary to promote Public Engagement in R&I activities: i) Research; Education and Awareness; iii) Support resources and Infrastructure; iv) Policy and Assessment.</p> <p>Institutional Changes should be: i) irreversible, ii) comprehensive, iii) inclusive and iv) contextualized. Bearing this in mind, TIME4CS will establish a knowledge transfer and mutual learning programme between Front-Runners (FRs) and Implementers (Is). The first ones are RPOs with a comprehensive expertise in Citizen Science and that have already undergone Institutional Changes. The latter are TIME4CS beneficiaries still in the early stages of the implementation of Institutional Changes to support Citizen Science, willing to face the challenge of introducing CS activities in their structures.</p>

Besides the message framework, two key communication concepts have been extracted to act as guiding principles for any specific circumstance. These concepts must be clear and consistent across all kinds of communications such as leaflets, brochures and websites, but also for media interviews or conversations with stakeholders:

- TIME4CS activities work to stimulate institutional change to promote citizen science and public engagement in science and technology,
- TIME4CS will shape a framework replicable in Europe to stimulate the Research Performing Organizations in the adoption of Citizen Science methodology when implementing their research activities

6. Strategy

In each communication effort, there are some elements that could potentially prevent the message from reaching the targeted audience or minimize its impact. These elements are barriers that the communication and dissemination strategy should recognize, and propose effective instruments to bypass.

In accordance with the risk analysis carried out during the proposal writing phase, the following communication and dissemination barriers were identified:

- The project had a reputation to build (B1)
- Lack of interest of stakeholders (and in particular other Research Performing Organisations) to be involved in the activities of the project (B2),
- Lack of interest of Research Funding Organisations and other Research Performing Organisations to use the TIME4CS statement (see D1.4 “TIME4CS statement to encourage Institutional Changes to promote Citizen Science”¹) (B3),
- Overload of information about Citizen Science coming from other actors and potential competitive initiatives that could consider TIME4CS as a threat (B4),
- Rigidity in the introduction of teaching modules/courses on Citizen Science in the scientific curriculum (B5),
- Lack of trust by citizens in science and scientists (B6).

The strategy adopted by TIME4CS has been crucial to overcome these barriers. It consisted in three missions that ran simultaneously, with the second and third mission having a particular weight because their potential failure could have compromised the overall strategy:

1. Increase the brand awareness,
2. Engagement and Community building,
3. Consistent communication with the target audience engaged.

6.1 Increase the brand awareness

TIME4CS invested a lot of effort in Communication and Dissemination in order to increase the visibility of the project and its results, also among the citizens. For this purpose, a project video, project website and social media have been the main channels used. Consequently, in the first 18 months of the project life major effort

¹ <https://doi.org/10.5281/zenodo.10201230>

has been devoted to the consolidation of our position in web channels, considering also the pandemic period linked to COVID-19, which limited our possibility to organize physical events to present TIME4CS project.

In the first months of the project lifetime, the creation of a buzz among the network of each beneficiary has been crucial in order to explain the objective and the potential results of TIME4CS and to improve the brand awareness of the project. After the launch of the website, social media and the Citizen Science Helix, awareness-raising campaigns have been launched (see [Section 7.8](#)) designing specific activities addressing our target audience. This mission gave TIME4CS the possibility to overcome the following barriers: B1; B3; B6.

Furthermore, a set of updated and revised promotional materials was created (see [Section 7.2](#)), to boost the brand awareness and recognizability once more, with some brand new templates, motifs and graphics that, integrated within the already existing visual identity can guarantee even more attractiveness.

During a project implementation, flexibility and easiness of adaptation are key in order to keep the community created in its first month alive, keep increasing the level of interest, as well as establishing a high-quality public disclosure of results.

6.1.1 Results and achievements in the last 18 months

After the update and refinement of TIME4CS visual identity, as well as the creation of new dedicated materials and templates (see [Section 7.2](#)), the project has consolidated its presence and recognizability online and among the CS community . Being able to rely on such a strong brand awareness, dissemination activities of all kinds gathered interest and consistently increasing participation during the last 18 months.

Nonetheless, all materials, resources, video recordings, as well as the project website and the social media feeds, that will be kept alive beyond the project's lifespan, will benefit from a coherent and well-known visual identity, facilitating in turn their sustainability over time and potential exploitation by others.

6.2 Engage and Community building

Engaging stakeholders and building an energetic community around TIME4CS has been crucial to maximize the impact of the project results. It has been developed on the basis of two main communication and dissemination channels, namely the project website and the Citizen Science Helix. Furthermore, feeding this community with resources and opportunities useful for the participants has been essential to guarantee its steady growing and long-term sustainability.

In order to increase the dimension of this community, TIME4CS continuously aimed to engage the relevant initiatives (i.e. European projects, associations, national initiatives, working groups) to join efforts, exchange experiences and share with them the results, and inviting them to use TIME4CS results to provide new knowledge for their clients.

This mission gave the possibility to TIME4CS to overcome the following barriers: B2; B3; B4; B6.

6.2.1 Results and achievements in the last 18 months

Engagement and community building have become stronger along the way, representing a fundamental asset in the second half of the project especially. Building on the always increasing results and dissemination activities performed, the project could rely on a solid community participating in its initiatives. Furthermore, close collaborations with other projects and initiatives (mainly INCENTIVE², ECSA³, ECS⁴, ETHNA System⁵) have been established and consolidated, enabling an even wider engagement. Importantly, the engagement with projects such as ECS provided a way to ensure that the results will continue to be shared well beyond the lifetime of the project. This has been particularly relevant in the dissemination of the webinars organized under WP4 (see D4.5 “Report on all webinars”⁶).

6.3 Establish a constant communication with the target audience

Through the creation of constant engagement and interaction with the primary and secondary target groups, TIME4CS was able to maintain a high and uninterrupted interest towards TIME4CS activities and results. For this reason, and especially at the beginning of the project, the communication activities performed through the channels described in [Chapter 7](#) of this document played the main role.

Consistent and updated information and news about TIME4CS activities were a powerful retention tool for both old and possible new target audience members in order to empower them and build a solid informative base and community.

It was important to establish a continuous flux of bi-directional information between the project and the target group. This way the project could collect feedback and information useful to adapt the TIME4CS’s dissemination and communication strategy, but also to gain the loyalty of the target groups.

This mission gave the possibility to TIME4CS to overcome the following barriers: B1; B2; B3; B4; B5; B6.

² <https://incentive-project.eu/>

³ <https://www.ecsa.ngo/>

⁴ https://eu-citizen.science/ecs_project

⁵ <https://ethnasystem.eu/>

⁶ <https://doi.org/10.5281/zenodo.10402306>

7. Communication and Dissemination Channels and activities

7.1 Visual identity

A coordinated visual identity of the project has been developed to ensure consistent and recognizable communication throughout different media and channels, including:

- A dedicated style guide (available in the project SharePoint) establishing and summarizing standards style requirements to improve the project’s communication by ensuring consistency both within a document and across multiple documents or materials



Figure 1 – TIME4CS style guide

- Project logo



Figure 2 – Project logo

- Web banners to be included in partners websites as needed



Figure 3 – Project web banner

- A graphic template for deliverables and reports

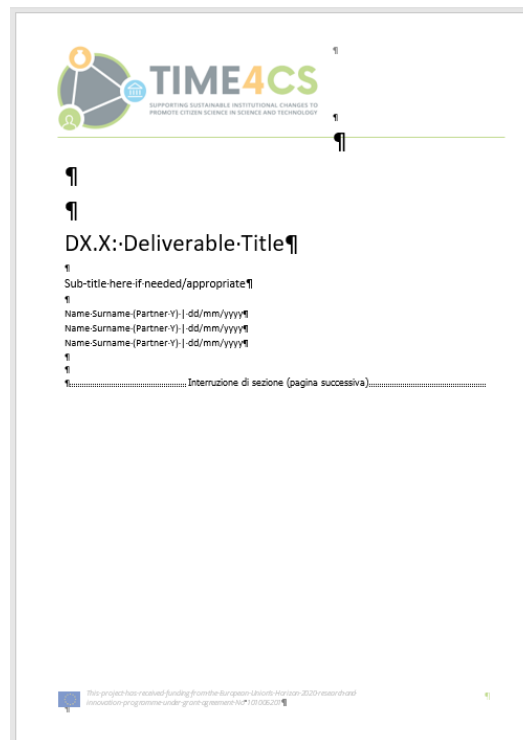


Figure 4 – Project template for deliverables and reports

7.2 Promotional material

In line with the standards set by the style guide and building on the project's growing visibility and increasing number of activities, new materials were created by M18 and some of the already existing ones were revised, to keep improving the overall TIME4CS's attractiveness, while at the same time preserving its consistency and recognizability throughout its entire lifetime.

Each partner was asked to use only the dissemination materials approved by the consortium. These consisted of the following:

- Improved **project's general description PowerPoint slides**, following the overall visual identity established for the project;
- Improved **template of PowerPoint presentation**, following the overall visual identity established for the project;
- A dedicated **virtual background** for video calls, with the upper portion filled with a green triangles motif in line with the main logo and the visual identity, while the lower section has a darker element to focus the attention on the subject talking during online meetings;
- **Project flyer**, with the front presenting the project's logo, slogan and channels along with the new distinctive green triangles motif, while the back highlights the main information through clear messages following a hierarchy given by the different shades of the colours included in the official palette;
- A **roll-up** to be used in conferences, with the distinctive green triangles motif accompanying the main logo at the top, a middle rounded dark portion catching the viewer attention towards the project's channel included in the circle, a lower section with a light background, to clearly showcase the partners and make them recognisable;
- **Promotional video** to give a general presentation of the project, its objectives, methodology and expected results; it embeds all the distinctive characteristics of the visual identity, with the addition of smooth and attractive effects, transitions and soundtrack;

All the above-mentioned materials are available in the TIME4CS Teams and SharePoint Group; most of them are also available on the *Communication* page of the website. An overview of all of them is provided in [Annex I](#).

7.3 Website



The project website (<https://www.time4cs.eu/>) was published on 21/05/2021, as part of D6.4 “TIME4CS website and Citizen Science Helix”⁷, due Month 6 (June 2021). Its development was led by Crowdhelix, with continued support from APRE.



Figure 5 - Main page of TIME4CS website

The website's visual aspect is in keeping with the project's colour palette and its logo. It includes relevant links to TIME4CS social media accounts, the Citizen Science Helix, contact details as well as the EU emblem and statement. A contact form was set up as a straightforward manner to reach out to the consortium. The required information is limited to Name, Email and Message, and the user is aware of how their data will be processed.

At month 5, the website included three sections:

- **About:** Specifies the project's vision, objectives, and methodology.
- **Partners:** Each partner is featured either as coordinator, front runner, implementer, or impact partners. Further details about each consortium partner (institution, role in the project, team members) will be added in due course.
- **News:** This section includes short articles and updates on the project's developments.

Since then the website has been developed and as of M18 it also included:

- **Events:** This section includes details about events organised by the consortium (workshops, helix events), or in which the project is represented by any of the partners.
- **Resources:** This section is split into two categories:

⁷ <https://doi.org/10.5281/zenodo.5031594>

- **Project results** - where public deliverables are presented and where the viewers are introduced to the TIME4CS Zenodo community;
- **Communication** - where visitors can find communication materials such as an overall presentation of the project, flyers, newsletters issues and other information presented in an easily accessible format for the general public.
- **Networking:** The content of this section is directly linked to *Task 6.5 Exploitation of project results and clustering activities with other Citizen Science Projects*. Once relationships have been established with relevant projects and initiatives, they will be featured in this section.

More information and details about the TIME4CS website are available in the D6.4 “TIME4CS website and Citizen Science Helix”⁸.

7.3.1 Further improvements in the last 18 months

In order to boost even more the overall TIME4CS’ brand awareness, as a last visual update, the cover picture on the website’s homepage has been replaced with a new version, in line with the above-mentioned improved brand style guide and promotional material. Being the very first element people encounter when getting in touch with the project, it played a crucial role in the last months of 2023, while organizing TIME4CS Final Conference, with a consequent significant increase of web traffic on the website, due to the description of the event and the related registration page.



Figure 6 - TIME4CS website cover picture

Furthermore, a new sub-section under the **Resources** section has been created, to host descriptions, information, agenda and relevant links (including recordings and materials) of all webinars and workshops held mainly in the last year of the project (see D4.5 “Report on all webinars”⁹). This page, named **Workshops and Webinars** is extremely relevant, serving a double crucial purpose: on one side, it represents the main

⁸ <https://doi.org/10.5281/zenodo.5031594>

⁹ <https://doi.org/10.5281/zenodo.10402306>

repository to consult after an event to get presentations and resources; consequently, on the other side, it will constitute one of the main assets in terms of sustainability of the project.

7.4 Newsletter

Website users were encouraged to sign up for the TIME4CS newsletter via a pop-up that appeared on the website. A subscription form is also included on the main page and on the Citizen Science Helix. To ensure the security of the stakeholders' data and to comply with the GDPR regulations, a dedicated mailing list for direct e-mailshots was established and used to manage during its lifetime.

In order to reach the corresponding KPI whilst ensuring that readers remain interested, the newsletters were short and straight-to-the-point. A brief description of the most recent news were included in each newsletter issue, as well as the latest project results, resources and future events. The readers were also invited to read more about what they were interested in and they were then redirected to the project website. The readers were also encouraged to read more about the sister EU-funded projects and in some cases their events and initiatives.

7.4.1 Results and achievements in the last 18 months

As of M18, we had distributed four newsletters and had 115 members subscribed to our newsletter. Since then, we have made significant progress, publishing a total of 12 newsletters, and our newsletter subscriber base has grown to 271 members. We have collectively achieved 937 views on all 12 newsletters. The average open rate for the newsletter is 51%.

Latest news!

TIME4CS at the Open Science Fair

The 4th Open Science Fair Conference took place in Madrid, from the 25th to the 27th September, as an initiative of OpenAIRE and FECYT.

TIME4CS took part in the event with a poster, named "Driving institutional changes in Research Performing Organisations to support CS", illustrating the project's background, concept and main findings so far...[Read more](#)



Where will you find us in 2023?

**INCENTIVE – TIME4CS Joint Final
Conference – Grounding CS in
Research Institutions: Science
with and for Citizens**

1st November, 2023, 9am - 6pm,
DesignLab, University of Twente,
Netherlands
Final agenda available [here](#)



Figure 7. - TIME4CS newsletter snippets

7.5 Editorial Plan

In order to ensure a regular and organized update of the website about the project's process and activities, an editorial plan was discussed and developed on a monthly basis during the WP6 Communication meetings. As of M18, this approach was changed with a publishing plan in which partners took turns on a monthly basis to update the [News section](#) of the website. All project partners contributed to the editorial production to capitalize on their expertise and competences in Citizen Science and project activities. A calendar that covered the weekly turns from M18 to M24 was shared internally, with each partner being allocated 2 turns (summer holidays were considered when creating this plan). At the consortium meetings in M24, this publishing plan was revised and adjusted if needed. Moreover, as a general rule, the partner who was responsible for a project public deliverable also contributed with a summary of the deliverable, written in an accessible language, in the form of a blog post. CHX was responsible for sending reminders and making sure that editorial content was delivered in a timely manner.



How To Ensure Sustainability Of Training Resources

A key concern in most projects, and anything else meaningful we engage in, is the question of sustainability. How can we ensure that our outputs are sustained and used even after projects end and we move on to new initiatives?

[Read More](#)

12/11/23

A workshop at UniSR to promote collaborations between funding bodies, patients and researchers

Within TIME4CS, one of the last initiatives for Implementers such as UniSR was to organise a stakeholder workshop with the involvement of external actors, focusing on the sustainability of the initiated institutional changes, grounding actions and on our medium to long-term vision for the project.



Figure 8 - TIME4CS partner articles

7.5.1 Results and achievements in the last 18 months

The TIME4CS website now has an expanded collection of 50 articles, demonstrating significant growth and content enrichment.

7.6 Training Activities

TIME4CS developed new and improved standards and a new set of quality and effectiveness criteria to assess the implementation and the impact of Institutional Change to promote public engagement in science and technology.

Physical trainings and webinar sessions have been the channels to share knowledge acquired during the first steps of the project. They also provided educational strategies for CS actors and addressed, among other things, scientific procedures, technical issues, community management, sociological aspects or learning methodologies, as well as specific training for policy makers on Citizen Science methodologies and potential impact.

In particular, such training activities followed two main organizational pillars, via: 1) face-to-face workshops at Implementers' premises (see D4.4 "Report on all workshops"¹⁰) and 2) at least 10 webinars open to the public in order to enlarge the number of RPOs embracing the institutional transformation to promote Citizen Science (CS) in their organizations (see D4.5 "Report on all webinars"¹¹).

For what concerns dissemination purposes and results, it is important to highlight that 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. Eventually, the results were extremely positive, with more than 1000 people expressing interest in TIME4CS webinars and almost 600 people actively participating. Besides what exclusively related to WP4 activities and aims,

¹⁰ <https://doi.org/10.5281/zenodo.8083037>

¹¹ <https://doi.org/10.5281/zenodo.10402306>

these results allowed, in turn, an extensive dissemination and promotion of most of TIME4CS main resources and results, taking advantage of the time and audience of each webinar held, including: the Reflection tool, TIME4CS Zenodo Community, the Citizen Science Helix.

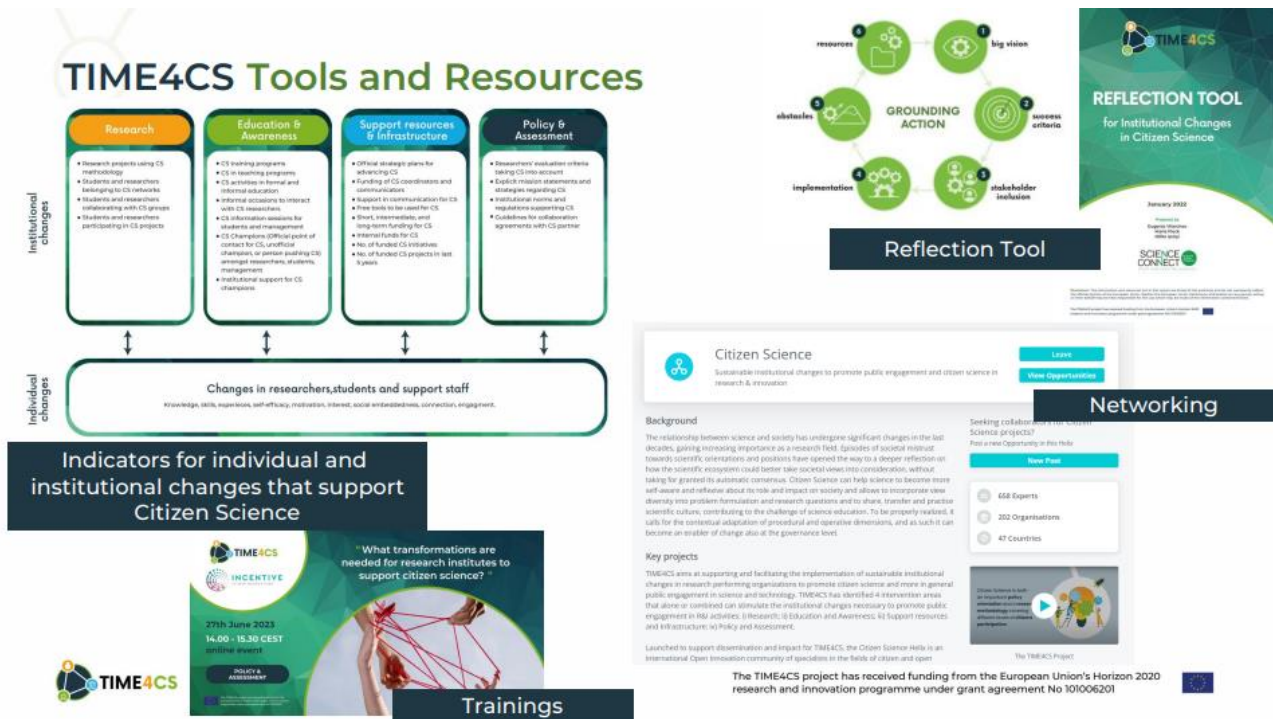


Figure 7 - Promotional slide presented during TIME4CS webinars to boost main resources and results' dissemination

Furthermore, the series of training activities represented a unique opportunity to consolidate existing – and establish new – synergies with similar projects and initiatives. With a total of 10 webinars held, TIME4CS collaborated with: IMPETUS¹², ECSA, ETHNA, JoinUs4Health¹³, INCENTIVE, MICS¹⁴, SOCIO-BEE¹⁵, ECS, BIAS¹⁶.

7.7 Technical publications and conference presentations

TIME4CS is a Coordination Support Action, therefore the activities planned during the project are not specifically designed for research purposes.

TIME4CS results were mainly shared with the research community through participation at relevant conferences, shows and industry events, where project researchers could present project results, shine a light on the project itself, and connect to the large community of stakeholders.

¹² <https://impetus4cs.eu/>
¹³ <https://joinus4health.eu/>
¹⁴ <https://mics.tools/>
¹⁵ <https://socio-bee.eu/>
¹⁶ <https://www.biasproject.eu/>

Below a list of the main conferences where TIME4CS participated:

- **Engaging Citizen Science Conference 2022**, hosted in Aarhus University on 26th April 2022. The conference, promoting knowledge sharing among the citizen science community, was interdisciplinary in scope, including workshops, dialogue roundtables, posters, and demos from all main areas of research (natural and technical sciences, life and health sciences, and social sciences and humanities). TIME4CS held the workshop “Institutional Changes required to support CS in RPOs”, which provided the participants with an overview of the concept of institutional roadmaps and possible GAs that can be carried out within RPOs (see [Section 7.11](#)).
- **ECSA Conference 2022**, hosted in Berlin on 5th-8th October 2022. The Conference gathered researchers from all disciplines, civil society actors, citizen scientists, policy decision-makers and all interested in the topic in Europe and worldwide to reflect, discuss and network around the topic of “Citizen Science for Planetary Health”. In this context, TIME4CS presented a poster on “Institutional Changes supporting Citizen Science in Research Performing Organisations” to provide an extensive overview of how the concept of institutional roadmap and GA can be applied to stimulate the adoption of CS as a research methodology in RPOs (see [Annex II](#) – TIME4CS posters presented at conferences).
- **C*Sci 2023**, the annual conference of the Citizen Science Association, hosted by Arizona State University in partnership with SciStarter on 22nd-26th May 2023. The conference was interdisciplinary in scope, inviting abstracts for cross-cutting symposia, interactive workshops, engaging talks, and dynamic posters to share the traditional and innovative practices that lead to powerful partnerships for discovery, learning, and action. TIME4CS held the symposium “What transformations are needed for research institutions to support citizen and community science?”, which provided participants with an overview of what TIME4CS learned from understanding how RPOs can better support citizen and community science, as well as with an opportunity to share experiences and enhance the project’s database of cases and activities. Moreover, two TIME4CS’ posters were included in the poster session (see [Annex II](#) – TIME4CS posters presented at conferences).
- **OPEN SCIENCE FAIR 2023**, hosted in Madrid on 25th-27th September 2023. The conference aimed to bring together and empower open science communities and services; to identify common practices related to open science; to see what the best synergies are to deliver and operate services that work for many; and to bring experiences from all around the world and learn from each other. TIME4CS presented the poster “Driving institutional changes in Research Performing Organisations to support CS” providing an extensive overview of TIME4CS journey, its method, outcomes and findings (see [Annex II](#) – TIME4CS posters presented at conferences).

7.8 Social Media Accounts



In order to maximise the outreach activities and to appropriately use the available resources, and after careful consideration of the various options available, it was decided that TIME4CS will initially be present on three platforms only: Twitter, LinkedIn and Facebook.

The following profiles were established at month 2 (February 2021):

- Twitter/X <https://twitter.com/TIME4CS>
- LinkedIn <https://www.linkedin.com/company/time4cs>
- Facebook <https://www.facebook.com/time4cs.project>

In addition, a YouTube channel was also created in April 2022, to host the first project's promotional video and any other future ones:

- YouTube: <https://www.youtube.com/channel/UCLaQFrzBlgg02JbbUrut0hA>

These four media were considered by the consortium members to be the most relevant channels for social media communication, bearing in mind the wide and varied target audience. When posting on behalf of TIME4CS, partners used short and clear messages to communicate their ideas. Whenever possible, partners included specific hashtags in their posts (e.g. #citizenscience #publicengagement #knowledgetransfer, #institutionalchange etc.) in order to increase their reach, and the audience has been pointed towards the project's website. CrowdHelix led the project's activities on social media, but all partners contributed and shared relevant content.

To attract more attention on the public deliverables and the project accounts, two social media campaigns were launched with a particular emphasis on research, education and awareness, support resources and infrastructure, and policy and evaluation.

- **The #BestPractice** for implementing sustainable Institutional Change Campaign – focused on D1.2 “Best practice repository”¹⁷.

¹⁷ <https://zenodo.org/records/5017362>

SUPPORT RESOURCES & INFRASTRUCTURE
HOW/WHERE TO ESTABLISH A CS CONTACT POINT, AND WHICH ARE ITS RESPONSIBILITIES?

#2 Staff in the initial phase should include a person who provides support with the methodology and tools.

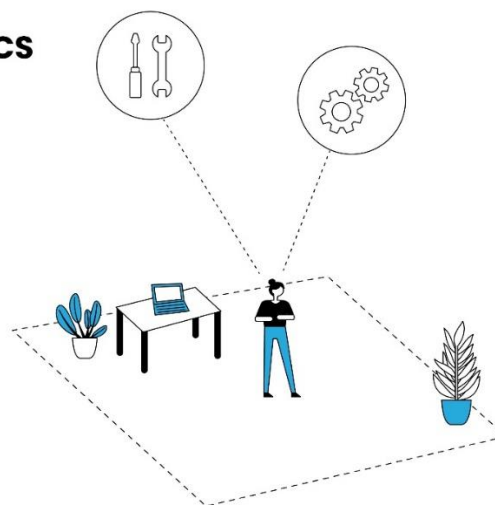


Figure 8 - #AskTheExpert SM campaign post

- **#AskTheExpert** – focusing on D3.4 Report on TIME4CS Knowledge Transfer from Front-Runners to Implementers



#BestPractice
 for implementing sustainable Institutional Change



Tip of the day



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

Figure 119 - #BestPractice SM campaign post

The campaigns had a very good impact on the number of followers the project had on the 3 social media platforms, with the total number of followers growing to 670 in M18. Thus, the consortium decided to use this approach for other future deliverables as well.

All the materials from these campaigns are also available on the *Communication* section of the website.

During the 2nd reporting period, the top-performing posts based on impressions across all social media platforms were posts that focused on events promotion. The example below showcases an event post gaining 566 impressions. The average impression on a TIME4CS post is 108. This is an increase of 423%, indicating a positive growth in the social media presence.

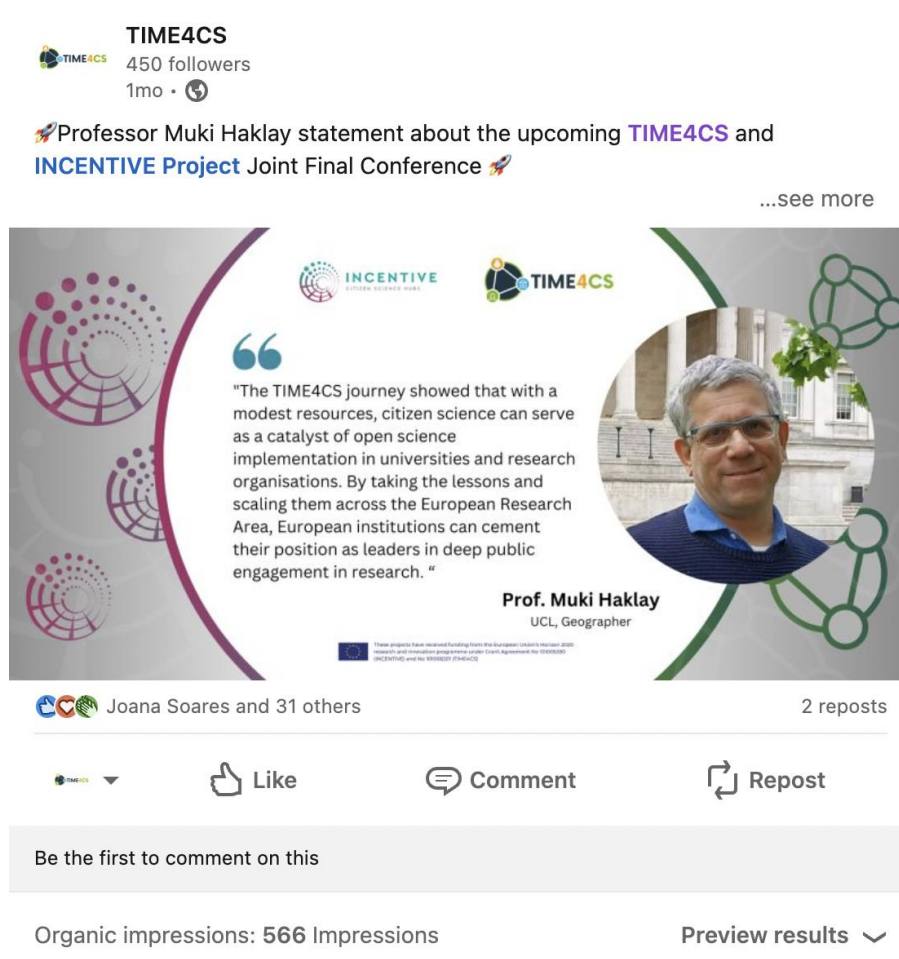


Figure 12 - SM event post

7.9 Clustering activities

In order to maximize the impact of project results, TIME4CS supported close cooperation and joint dissemination strategies with other EU projects or European Initiatives tackling similar issues (as for D6.7 “Final Version of TIME4CS Clustering activities and user engagement activities report”¹⁸). Formal (e.g.

¹⁸ <https://zenodo.org/doi/10.5281/zenodo.5807250>

Memoranda of Understanding) and informal agreements were planned and implemented to ensure regular networking with the relevant projects and initiatives.

The TIME4CS project has supported other initiatives from three critical perspectives: human resources, communication and dissemination, and outcomes. The TIME4CS consortium, consisting of an international, interdisciplinary team of experts, collaborated to advance knowledge on actions leading to institutional changes in RPOs to promote public engagement and citizen science in science and technology. Leveraging their expertise, the consortium assisted other initiatives through joint activities such as workshops, events and joint documents.

TIME4CS played a crucial role in increasing the visibility of other projects by using their social media platforms, such as Twitter, LinkedIn, and Facebook, for communication and dissemination purposes.

In the past year, TIME4CS also successfully implemented its project results, providing mature products that are now available to other projects and initiatives. The TIME4CS Statement¹⁹ and Training Programs²⁰ are valuable assets, representing significant achievements beyond their initial stages. By learning from others in the ecosystem and adapting based on shared experiences, the project consortium aimed to achieve higher quality results.

To implement this, coordinators were first contacted by email to try and establish links with the various sister projects. The introductory email provided a brief overview of TIME4CS and introduced potential collaboration opportunities, such as profiling projects on the TIME4CS website, supporting dissemination through social media, featuring projects in TIME4CS newsletters, and extending invitations to join the Citizen Science Helix community. Following the initial engagement, project representatives were invited to online meetings to discuss the opportunities and explore potential synergies in more detail.

Relevant information about TIME4CS initiatives, including tools and events, was provided to the selected projects. The projects were encouraged to register for events, actively engage with the tools, and promote information within their networks. This approach consisted of two stages: initial contact and ongoing communication. The objective was to promote productive collaborations and establish a network of shared resources and experiences.

TIME4CS actively expressed its commitment to fostering synergies with other Citizen Science initiatives through a dedicated networking section on the project website. This section served not only as a communication and dissemination tool, but also as a means for TIME4CS to raise awareness of various EU-funded citizen science and/or institutional change projects. Each project featured in this section had a dedicated space with a brief introduction and links to their respective websites and/or social media platforms. In addition, relevant details of events and workshops were included. By M36, the networking section of the TIME4CS website featured profiles of 11 sister projects, creating a valuable hub for collaboration and information exchange.

¹⁹ <https://doi.org/10.5281/zenodo.10401971>

²⁰ <https://doi.org/10.5281/zenodo.6906329>

A robust social media relationship was established with several sister projects, resulting in consistent support through the dissemination (re-sharing) of news, events and project outputs. From a cluster perspective, TIME4CS used its regular newsletter as a tool to promote the project's openness to collaboration and to help other citizen science initiatives increase their impact and visibility. Collaboration activities were mainly focused on events, with TIME4CS actively promoting various events and participating in workshops and conferences organised by sister projects. In particular, sister projects were invited to participate in TIME4CS events whenever possible, resulting in various collaborative activities such as panel discussions, webinars and joint conferences, fostering a dynamic exchange of ideas and experiences in the citizen science community. Further collaboration took place in online environments, where projects supported each other in promoting updates and results through various channels, including social media, websites, newsletters and the Citizen Science Helix community.

Below, a list of actual sister projects is presented (in alphabetical order).

Acronym – Name Related page on TIME4CS website	Duration	Website
Co-Change – Co-Create Change in Research Funding and Performing https://www.time4cs.eu/networking/cs-track	2020-2023	https://cochangeproject.eu/
CS-Track – Expanding our knowledge on Citizen Science through analytics and analysis https://www.time4cs.eu/networking/cs-track	2019-2022	https://cstrack.eu/
ECSAnVis – Extreme Citizen Science: Analysis and Visualisation https://www.time4cs.eu/networking/ecsanvis	2016-2022	https://www.geog.ucl.ac.uk/research/research-centres/excites/projects/extreme-citizen-science-analysis-and-visualisation-ecsanvis
ETHNA-System – Ethics Governance System for RRI in Higher Education, Funding and Research Centres https://www.time4cs.eu/networking/ethna-system	2020-2023	https://ethnasystem.eu/
EU-Citizen.Science https://www.time4cs.eu/networking/eu-citizen-science	2019-2021	https://eu-citizen.science/

<p>GRACE – Grounding RRI Actions to Achieve Institutional Changes in European Research Funding and Performing Organisations https://www.time4cs.eu/networking/grace</p>	2019-2021	http://grace-rri.eu/
<p>GRRIP – Grounding RRI Practices in Research Performing Organisations https://www.time4cs.eu/networking/grrip</p>	2019-2022	https://grrip.eu/
<p>HEIDI – Digital action at HEIs as a catalyst for social change in the COVID-19 crisis https://www.time4cs.eu/networking/heidi</p>	2021-2023	https://erasmus-plus.ec.europa.eu/projects/search/details/2020-1-UK01-KA226-HE-094667
<p>INCENTIVE – Establishing Citizen Science Hubs in European Research Performing and Funding Organisations to drive institutional change and ground Responsible Research and Innovation in society https://www.time4cs.eu/networking/incentive</p>	2021-2024	https://incentive-project.eu/
<p>MICS – Developing metrics and instruments to evaluate citizen-science impacts on the environment and society https://www.time4cs.eu/networking/mics</p>	2019-2022	https://mics.tools/
<p>ResBios – RESponsible research and innovation grounding practices in BIOSciencies https://www.time4cs.eu/networking/resbios</p>	2020-2022	https://resbios.eu/

7.10 Workshops, webinars, participation in fairs

In order to support the dissemination of the project, the consortium partners attended and/or organized various events, workshops and training activities. All events were announced on the project’s website and communicated via social media. These dissemination and communication channels are customized on the basis of the expected target group. Not only self-hosted events are considered to improve the brand awareness and build a network. The TIME4CS beneficiaries, where possible, should promote the project activities and its results during events organized by other actors.

Below a list of the main workshops organized:

- The **1st Citizen Science Helix Event** (as for Task 6.4) on “The Role of Citizens in EU Missions Implementation”, held on the 8th of February 2022. The workshop aimed at anyone interested in

Citizen Science and in participating in a project targeting one of the forthcoming Mission Calls. The event included presentations from 2 representatives of the EU Commission (Neville Reeve and Gabriela Leo) as well as a round table where representatives from 5 sister projects were invited to present their experience in a discussion on Citizen Science Activities in the EU Mission. The event also touched on the institutionalization of Citizen Science and included elevator pitch sessions. The event has been promoted on Social Media, as well as in the *Events* section on the website and the Citizen Science Helix.

- **“Institutional Changes required to support CS in RPOs”** workshop, held on the 26th April 2022 in the context of the Engaging Citizen Science Conference 2022, hosted in Aarhus University (see [Section 7.7](#)).
- **“What transformations are needed for research institutions to support citizen and community science?”**, held in the context of the annual conference of the Citizen Science Association, hosted by Arizona State University in partnership with SciStarter on 22nd-26th May 2023 (see [Section 7.7](#)).
- The 2nd [Citizen Science Helix Event](#) **“Citizen Science and Artificial Intelligence Technologies: Collaborating for an Innovative and Unbiased Future”** took place in October 2023, as an online webinar with a focus on "Citizen Science and Artificial Intelligence Technologies." The aim of this virtual gathering was to combine the efforts of citizen participation and the potential of emerging technologies. This webinar is a combined effort of the TIME4CS and BIAS projects, bringing together the Citizen Science Helix and the Trustworthy AI Helix communities.
- The 3rd **Citizen Science Helix Event "Empowering Research Organisations with Citizen Science: Good practices, funding success and beyond"** took place in November 2023 with the objective of demonstrating how integrating Citizen Science into all R&D activities within research organizations can enhance the likelihood of securing funding. The aim was to discover the ways in which such integration can deliver success. The main highlight of the event was the unveiling of the 'TIME4CS Statement.'

7.11 Communication and Dissemination activities

During the whole duration of the project, all partners constantly attended and/or organized several events, workshops and training activities, made publications (newsletters, articles, etc.) and other various communication and dissemination activities, singularly on behalf of the project itself or as a consortium. All activities were regularly announced on the project’s website and promoted via social media. The TIME4CS beneficiaries, where possible, promoted the project activities and its results during events organized by other actors.

To monitor these activities (including the project being featured in external sources), each TIME4CS beneficiary involved in their organization was asked to report about them during the monthly Communication Team meetings. Moreover, a related C&D monitoring table, available in the project’s

SharePoint, has been created to keep track of all the above-mentioned activities and have a living picture of TIME4CS actions and promotion outside the consortium.

7.11.1 Results and achievements in the last 18 months

The solid commitment shown by all partners for the above mentioned activities and the high level of reach gained by the project (especially in the second half of its lifespan) resulted in the amazing final record of over 100 relevant dissemination activities registered in the C&D monitoring table at M36.

Among the others, it's particularly relevant to mention TIME4CS and INCENTIVE joint Final Conference. Held at the DesignLab's facilities at the Twente University, in the aftermath of the Citizen Science 4 Health Conference, and titled "Grounding Citizen Science in Research Institutions: Science with and for Citizens", the event represented the last milestone of the collaboration between the two projects. Shaped as a journey of the two projects, grounding citizen science hand-in-hand for the past three years, the event included presentations, interactive sessions, open roundtables, as well as, inspiring talks about Citizen Science and institutional changes by honorary speakers.



Figure 10 - TIME4CS and INCENTIVE Final Conference "SAVE THE DATE" card

All C&D records (up to M36) are presented down below²¹.

²¹ Additional C&D activities of any kind taking place after December 2023 will be included in TIME4CS final technical report

D6.3 Final version of the Communication, Dissemination and Exploitation Plan (CDEP)



Partner(s)	Type of activity	Title	Date	Level of dissemination activity	Short description/Comments
CRG	Internal meeting	Joint Sessions Priorities 2021 (internal meeting)	19/03/2021	Local	This was an internal meeting of heads of admin departments to plan and present priorities and projects of the institute for 2021.
UnISR	Article	UnISR partner of the TIME4CS project to promote Citizen Science	09/06/2021	National	This article has been published both in Italian and in English on our website and disseminated also through social media.
APRE, AU	working group (networking)	Joint SwafS Citizen Science Working Group	from 09/06/2021 onwards, monthly held	International	it's a working group held monthly that provides updates about the activities of the different CS projects
UZH	Newsletter	CC-CS June Newsletter	30/06/2021	International	promotion of the TIME4CS project and its new webpage
APRE, UCL, ESF, CRG	Event	Clustering Event Institutional Changes organized by EC	01/07/2021	European	
AU	Workshop (networking)	Citizen Science @ AU	20/08/2020	Local	First event to bring together citizen science researchers at Aarhus University and AU Research Library
APRE	Newsletter	APRE weekly - promotion of case studies	06/09/2021	National	promotion of the TIME4CS case studies
AU, CRG	Conference	ORION Open Science Final Conference	27/09/2021	International	I was just an attendee at the conference, so don't have details on how many participants there were. But I did mention and share the link to the TIME4CS website, as their lessons on Open Science & RRI are very valuable for us. They welcomed contacting them to learn more. Now just discovered that Marta Solis (CRG) is part of both consortia, so we have a direct link :)
APRE	focus group (networking)	focus group is aimed at those interested in policy related to Citizen Science	28/09/2021	International	focus group is aimed at those interested in policy related to Citizen Science
APRE	event (networking)	Cross-SwafS Stakeholder Forum for Responsible OS	from 30/09/2021 onwards, regularly held every 3 months	International	This Forum aims to share knowledge & experience, discuss challenges and opportunities, and strengthen the knowledge base about RE/RI in open science and further.
APRE/UCL	Newsletter	ECSA newsletter-October 2021	04/10/2021	International	Promotion of TIME4CS-Case Studies Repository
AU	Event	Open University Seminar	12/10/2021	Local	I gave an invited talk about citizen science in the Open University Seminar Series for the School of Earth, Environment and Ecosystem Sciences and (of course :)) Included a slide on TIME4CS with an ask to become a case study (which they apparently already are), get in touch and link to project website
Crowdhelix	Event	Crowdhelix RTO Members Event 2021	15/11/2021	International	The project was showcased on the Crowdhelix Events App, in the project gallery section.
Tyndall	Stakeholder consultation about the creation of citizen science module	Embedding Citizen Science in Learning, Teaching and Research	28/10/2021	Local	As a partner in the TIME4CS initiative, Tyndall is proposing to establish a Citizen Science module, which will provide a training programme for researchers, community partners, citizen scientists and students. The workshop introduced the wider UCC community to the Time4CS project and brought together inter and transdisciplinary stakeholders to contribute to the design of a citizen science module in UCC.
AU	Event	Folkeforskning i Norge (Citizen science in Norway)	19/11/2021	National	Invited to talk about setting up and experiences of the Danish CS Network. Obviously mentioned TIME4CS as a solution to one of the challenges that keep coming up: institutional support :)
APRE	workshop (networking)	Analysing Citizen Science Projects using Web-based Tools	19/11/2021	International	This workshop is about exploring a web-based tool ("analytics workbench") that can be used to collect information about citizen science projects.
AU, UCL	Conference	EU-citizen.science final conference	24/11/2021	European	Participated as attendee. Mentioned TIME4CS in chat comments
APRE	Video	EU-citizen.science final video	24/11/2021	International	TIME4CS is mentioned as project collaborating with EU-Citizen.Science
APRE	Publication	Enabling open science and societal engagement in research	29/11/2021	International	TIME4CS is mentioned in the report that it's the outcome of the clustering event organizes in July



D6.3 Final version of the Communication, Dissemination and Exploitation Plan (CDEP)



CRG	Publication (Deliverable)	Action plans to embed Open Science	02/11/2021		TIME4CS is mentioned in the CRG action plan as an activity that will contribute to embed Open Science in the centre through innovative public engagement methods.
CRG	Internal meeting	Highlighted projects during 2021 at the CRG	17/12/2021	Internal	TIME4CS was highlighted and briefly explained during the internal year-end meeting of the CRG.
CRG	Website	Supporting sustainable Institutional Changes to promote Citizen Science in Science and Technology	01/01/2021		
AU	Webinar	ECSA Working Group on Citizen Science and Universities	28/10/2021	European	Presentation of TIME4CS as part of internal knowledge sharing among working group members
UCL	Website	TIME4CS Case Studies	Ongoing		
KTU	media article	KTU siekia įtraukti įvairias piliečių grupes aktyviai prisidėti prie mokslo iniciatyvų	22/10/2021	National	The article introduces TIME4CS project and its activities at KTU.
KTU	media article	KTU SIEKIA ĮTRAUKTI ĮVAIRIAS PILIEČIŲ GRUPES AKTYVIAI PRISIDĖTI PRIE MOKSLO INICIATYVŲ	22/10/2021	National	The article introduces TIME4CS project and its activities at KTU.
Activities 2022					
APRE	blog&newsletter	1 year into TIME4CS (news on EU-Citizen.Science newsletter)	mid January 2022	International	News about TIME4CS achievements and future plans
APRE	Newsletter	APREweekly - 1st CS Helix event	17/01/2022	National	promotion of TIME4CS 1st CS Helix event
APRE	Newsletter	ECSA newsletter-February (promotion 1st CS helix event)	01/02/2022	International	promotion of TIME4CS 1st CS Helix event
ZSI	Presentation	Austrian Citizen Science Conference 2022	29/06/2022		
				European	the benefits and challenges of engaging researchers in Citizen Science projects, and how the Time4CS project hopes to provide the support and guidance needed to instil these ideas into the minds of academics and students so that how researchers engage with citizens is at the forefront when planning research projects, not an afterthought.
UnISR	podcast interview	Engaging research with Citizen Science	05/04/2022		
KTU	Poster session	Engaging Citizen Science Conference 2022	25/04/2022	International	
UCL	Poster session	Engaging Citizen Science Conference 2022	25/04/2022	International	Case studies WP1
APRE, UCL, ESF, UZH	Conference Workshop	Institutional Changes required to support CS in RPOs	25/04/2022	International	In the context of the Engaging Citizen Science Conference 2022, TIME4CS held a workshop focused on the Reflection Tool, with group work with participants encouraged to go through the whole process of building a roadmap, starting from a chosen IA
AU	Conference organization	Engaging Citizen Science Conference 2022	25/04/2023	International	International CS conference
CRG	Blog article	Finding the fun in cancer research- Citizen Science the game!	17/05/2022	European	Article-interview to Elisabetta Broglia about Genigma, a CS project led by the CRG. TIME4CS is mentioned as the way for the CRG to take the CS forward.
UZH	Newsletter	CC-CS June Newsletter	27/06/2022	International	News about the TIME4CS meeting in Aarhus, the conference and the promotion video.
APRE, CHX, UCL	Blog article	Collection of Case Studies of Institutional Adoption of Citizen Science	05/09/2022	International	
AU	Blog article	Citizen Science training to support institutional change	15/09/2023	International	Introducing the TIME4CS training modules
AU	Workshop	Citizen Science Community swap shop	09/11/2022	International	Joint workshop for knowledge exchange on embedding CS in organisations
				European	General description of TIME4CS and presentation of its results so far, with a focus on sustainability of the activities carried out by implementers, in the context of ETHNA System's workshop on their first implementation results
APRE	Participation to sister project's workshop	First result from ETHNA System implementation process	24/11/2022		
APRE	Newsletter	APRE weekly	21/11/2022	National	Promotion of 1st WP4 webinar
AU	Presentation	Citizen science: Origins, challenges and opportunities	28/11/2022	Local	Citizen science Knowledge Exchange seminar at Department of Management
APRE	Newsletter	APREsegnala	29/11/2022	National	Promotion of 1st WP4 webinar
KTU	Seminar	Lithuanian Sociological Association on Citizen Science and institutional ch	02/12/2022	National	TBC
Activities 2023					
APRE	Dissemination event	CATALISI Kick-off Meeting - Lessons learnt from TIME4CS	27/01/2023	European	General description of TIME4CS and presentation of its results so far, with a focus on institutional transformations, in the context of CATALISI (HE project) Kick-off Meeting
APRE	Newsletter	APRE weekly	20/02/2023	National	Promotion of webinar of 9th March
				National	In the context of CitSciHelvetia 23, TIME4CS gave a short presentation about TIME4CS and the 29 recommendations on how to institutionalise CS in institutions which was part of D3.4.
UZH	Conference Speed Talk	CitSciHelvetia 23 (Swiss CS Conference)	29/03/2023		



D6.3 Final version of the Communication, Dissemination and Exploitation Plan (CDEP)



APRE	Newsletter	APRE weekly	17/04/2023	National	Promotion of webinar of 27th april
	Newsletter	REA newsletter	20/10/2023	European	Promotion of Final Conference
APRE	Dissemination event	CATALISI CoP meeting	07/10/2023		
APRE	Oral presentation	GenOA Open Access week	24/10/2023	National	
UniSR	Oral presentation	GenOA Open Access week	24/10/2023	National	Description of UniSR experience for the promotion of CS thanks to TIME4CS
UniSR	Poster session	Citizen Science for health	29/10/2023	European	Description of UniSR experience for the promotion of CS thanks to TIME4CS
UniSR	Blog article	TBD	end Nov/early Dec	European	Lessons learned during a stakeholder workshop with researchers, funding agencies and patient associations
ESF, UCL, APRE	Moderation of an interactive session	ECS Collaboration group cluster event	03/07/2023	European	ESF and UCL: moderation of an interactive session to co-create TIME4CS statement
ESF	Roundtable	YouCount final conference	05/12/2023	European	Participation in the roundtable to present Time4CS statement
ESF, UCL, APRE	Oral presentation	INCENTIVE/Time4CS policy roundtable in REA	18/09/2023	European	Presentations of Time4CS project and findings of the Time4CS statement
ZSI	Blog article	Celebrating the Grand Finale: Our Journey to Project Success	14/09/2023		
UZH	Oral Presentation	Presentation to EURICE project consortium	11/05/2023		
Tyndall	Mentoring visit	Mentoring visit	27/03/2023		
Tyndall, AU	CS workshop	CS workshop led by Aarhus for researchers/students	28/03/2023		
Tyndall	CS workshop	joint Tyndall CONNECT workshop; Introduction to CS (researchers)	11/12/2023		
KTU	Mentoring visit	Mentoring visit (TIME4CS consortium)	14/03/2023		
KTU, AU	CS workshop	CS workshop led by Aarhus University	13/03/2023		
KTU	Oral presentation, round table discussion	INCENTIVE – TIME4CS Joint Final Conference – Grounding CS in Research Institutions: Science with and for Citizens	01/11/2023		
KTU	Online workshop /project presentation	LibOCS KTU Workshop 1	24/11/2023		
KTU	Online workshop /project presentation	CITIZEN SCIENCE HUBS EXPLAINED:NEEDS, RESOURCES,BEST PRACTICES	29/08/2023		
KTU	Poster presentation	C*Sci 2023	22-26/05/2023		
APRE	Poster presentation	C*Sci 2023	22-26/05/2023	International	Poster as part of a conference on citizen science
KTU	Poster presentation	The conference "Connect.Collaborate.Create. Bridging Communities for Participatory Research and Citizen Science 2023"	19-21/10/2023		
CHX	event	Empowering Research Organisations with Citizen Science	30/11/2023		
CHX	event	INCENTIVE – TIME4CS Joint Final Conference – Grounding CS in Research Institutions: Science with and for Citizens	01/11/2023		
CHX	event	Citizen Science and Artificial Intelligence Technologies: Collaborating for an Innovative and Unbiased Future	09/11/2023		
CHX	Newsletter	Development & dissemination	02/02/2022		
CHX	Newsletter	Development & dissemination	06/06/2022		
CHX	Newsletter	Development & dissemination	22/09/2022		
CHX	Newsletter	Development & dissemination	30/11/2022		
CHX	Newsletter	Development & dissemination	08/02/2023		
CHX	Newsletter	Development & dissemination	13/04/2023		
CHX	Newsletter	Development & dissemination	07/07/2023		
CHX	Newsletter	Development & dissemination	24/08/2023		
CHX	Newsletter	Development & dissemination	25/10/2023		
CHX	Newsletter	Development & dissemination	coming soon		
CHX	Article	Updates from the Citizen Science Helix	17/08/2023		
CHX	Article	The Citizen Science Helix Community reaches 150 organisations!	11/09/2022		
CHX	Citizen Science Helix	Maintenance of helix	28/11/2023		
CHX	Oral presentation	CHX presentation in Twente	01/11/2023		



D6.3 Final version of the Communication, Dissemination and Exploitation Plan (CDEP)



CRG	Internal emailing to all the CRG staff	CS resources available developed in the frame of the TIME4CS project	30/10/2023		
UCL, APRE, AU	Conference Workshop	C*Sci 2023	22/05/2023	International	Workshop as part of a conference on citizen science
UCL	Online workshop	UCD engaged research seminar	08/03/2023	European	Seminar as part of the engaged research series of University College Dublin
UCL	Online lecture	University of Wisconsin Mayer Lecture	17/03/2023	International	A lecture and long interaction with members of the department on citizen science and participatory research
UCL	Presentation	Luxembourg Institute of Socio-economic research	20/11/2023	European	Talk The role of citizen and participatory science in environmental knowledge production
CRG	Blog article	Training & mentoring visits at the CRG: an impactful immersion in Citizen Science that raised awareness and awakened interest	17/05/2023		
CRG	Blog article	Beyond the Grounding Actions: the valuable impact of the TIME4CS project in the CRG citizen science landscape	06/11/2023		
CRG	Oral presentation	INCENTIVE - TIME4CS Joint Final Conference – Impact of the CRG Roadmap implementation	01/11/2023		
UCL	Blog article	The TIME4CS Statement: How we plan to co-create a message to the world	09/05/2023		
AU	Blog article	Train-the-trainers to support institutional change towards citizen science	05/01/2023	International	Introducing the Train-the-Trainer TIME4CS module
AU	Blog article	C*Sci 2023 conference contributions to discussions of implementing and embedding citizen science in research performing organisations (RPOs)	23/06/2023	International	Blog post about our TIME4CS C*Sci conference workshop, run in May 2023
AU	Workshop	Citizen Science Research & Methodology	02/10/2023	National	Pilot workshop based on TIME4CS training programme
AU	Workshop	Citizen Science Education & Awareness-raising for Research Performing Organisations	27/10/2023	National	Pilot workshop based on TIME4CS training programme
AU	Workshop	Citizen Science Support Resources & Infrastructure	07/11/2023	National	Pilot workshop based on TIME4CS training programme
AU	Workshop	Citizen Science Policy & Assessment	27/11/2023	National	Pilot workshop based on TIME4CS training programme
AU	Presentation	Citizen science tools and AI	09/10/2023	International	
AU	Workshop	Breaking Down Barriers	13/01/2023	Local	AU workshop to map, discuss and prioritize barriers to address in relation to embedding citizen science at AU
AU	Symposium	Citizen Science i Midten	22/08/2023	National	Conference bringing together stakeholders for inspiration, networking and setting up future CS projects
AU	Workshop	Morgenmad med Mening (Meaningful Breakfast)	16/11/2023	Local	Workshop on citizen science in municipalities
AU	Collaboration/mentoring meeting	ECS - Denmark Public Library meeting	14/11/2023	Local	Linking in with the EU-funded European Citizen Science project, mentoring a local public library in citizen science (initial meeting)
APRE	Poster presentation	OS FAIR 2023	22-26/05/2023	International	"Driving institutional changes in Research Performing Organisations to support CS" providing an extensive overview of TIME4CS journey, its method, outcomes and findings.



8. Exploitation Strategy

The Exploitation and Sustainability Strategy of the TIME4CS project served several key objectives:

- Emphasize the positive impact of the project on the defined target groups.
- Showcase project results with significant exploitation potential and devise plans for their effective use and dissemination
- Ensure the sustainability of the project results, paving the way for their continued relevance and impact.
- Contribute to the ongoing development, improvement, and expansion of materials, activities, and outcomes achieved within the TIME4CS project.

The table below presents the **project results** that have a higher exploitation potential:

Result	Type	Organisations Involved	Main Target Audiences	Exploitation Potential
TIME4CS Statement	Report	ESF	RPOs, RFOs	Results will be used to empower and drive organizational change to initiate, or expand their involvement with Citizen Science through: i) Active use of the Statement and training resources by other organizations ii) Use of resources in other already funded projects, e.g., EU-funded PATTERN project and Circle U-funded new capacity-building project
Reflection tool for Institutional Changes in Citizen Science	Tool	ESF	RPOs	
Case Studies Repository	Report	UCL	RPOs	
Driving changes to embed Citizen Science at your institution	Webinar recording/ Training resource	APRE, ESF, AU	Research support staff and Managers, Researchers	
The Citizen Science Funding Landscape	Webinar recording/Training resource	APRE, UCL + Science for Change, OeAD, IMPETUS	Students, Research support staff (funding offices)	
Citizen Science in the dialogue between Science and Society	Webinar recording/Training resource	APRE, UniSR + ECSA	Communication officers, Researchers	
Ethical aspects of Citizen Science: good practices and institutional interventions	Webinar recording/Training resource	APRE + ETHNA, JoinUs4Health	Research support staff and Managers	

Monitoring and evaluating the impact of Citizen Science Hubs (CSHs)	Webinar recording/Training resource	ZSI + INCENTIVE, MICS	Research support staff and Managers	iii) Other future projects and initiatives
Opening research to society in Horizon Europe. How to set up citizen science projects?	Webinar recording/Training resource	APRE + INCENTIVE, ECS	Researchers, Research support staff	
What transformations are needed for research institutes to support citizen science?	Webinar recording/Training resource	APRE, AU, UCL + INCENTIVE	Researchers, Research support staff	
Citizen Science Hubs explained: needs, resources, best practices	Webinar recording/Training resource	APRE, KTU + INCENTIVE	Research support staff and Managers	
Citizen Science Helix	Online Community	CHX + All Partners	RTOs Academia and Education, Policy makers Citizen Science Initiatives	

8.1 The Citizen Science Helix as a tool for exploitation

By establishing and continuing to improve the core TIME4CS exploitation strategy, with the Citizen Science Helix as a key factor, the overall strategy aimed to

- Identify stakeholders with the potential to engage in and/or support the exploitation of TIME4CS results.
- Establish a network of stakeholders to facilitate international, cross-disciplinary and cross-sector partnerships to maximise opportunities for exploitation.
- Maintain this network as a self-sustaining community (Helix) beyond the life of the project, thereby supporting the long-term impact of the TIME4CS project.

- Evaluate key exploitable outcomes as they emerged from the project to identify specific actions that would support their exploitation through the TIME4CS Helix.

The exploitation activities in TIME4CS were centred on the creation of the Citizen Science Helix, which was set up by Crowdhelix at month 3 (March 2021).

CHX is a pan-European Open Innovation Network that connects and enables universities, research organisations, SMEs, large corporates and other industry stakeholders to collaborate, innovate and grow. The Citizen Science Helix allowed for bringing together a community of 150+ cross-disciplinary and cross-sector stakeholders/actors from across Europe, interested in implementing Institutional Changes to foster Citizen Science.

The Crowdhelix platform facilitates connections between stakeholders from all areas funded by Horizon 2020, and now for Horizon Europe. For TIME4CS, we specifically target the groups identified in [Chapter 4](#): SMEs/industry organisations, research organisations/researchers, NGOs, associations and networks, government and policy makers that are interested in and are promoting and facilitating sustainable and long-term institutional changes in Research Performing Organization (RPO) and Research Funding Organisations (RFOs) to promote citizen engagement in science and achieving European leadership in this area. As described in [Section 7.9](#), the Helix is also used as a tool for clustering with aligned Citizen Science ‘sister’ projects, available as a facilitator and accelerator for their exploitation activity.

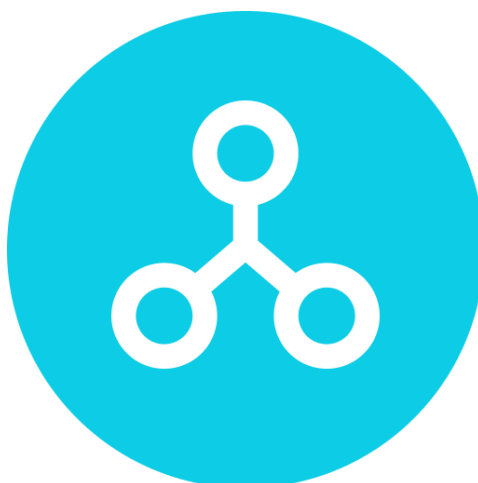


Figure 1411- The Citizen Science Helix Logo

A unique feature of the Crowdhelix platform is the matchmaking algorithm (recommender engine) that adds value to both the Helixes and the organisations registered. This tool connects the posted opportunities with researchers and institutions possessing the required expertise or infrastructure. Once an organisation or an individual researcher registers for the Citizen Science Helix and profiles their expertise, the platform's recommender engine will help the Crowdhelix team flag their expertise to suitable, available opportunities within the Helix. The matchmaking algorithm can also be used to connect with various stakeholders and will be used to find specific collaborators for the project's future needs.



Figure 12- Illustration of the recommender engine

In the last year Crowdhelix also launched its innovative **Results feature**, allowing members to showcase research results on the open innovation platform. This upgrade aimed to encourage interaction. The Results function, which can be accessed by all platform users, aims to speed up the sharing of actionable results across different value chains, fields and sectors. More details about the structure and functions of the TIME4CS helix are available in the D6.4 TIME4CS website and Citizen Science Helix.

To guarantee sustainability and impact after the project, Crowdhelix will commit to maintaining the Helix in the long run after the project ends. The CS Helix will continue to be hosted on Crowdhelix platform, and everyone signed up during the project will be able to retain their accounts for free (as external organizations), and will also have the option of their organizations joining as full members of the network.

8.2 Status of the Helix at M36

As of month 36 (December 2023), the Citizen Science Helix has already established a significant stakeholder network, with 797 users from 249 current member organisations and 50 countries. The consortium used this key audience to make the community members aware of TIME4CS outputs and key achievements.

At present, this takes place through 3 main mechanisms:

- Posting an opportunity - a direct call to action for seeking and offering specific expertise, the recommender engine suggesting then the best match for the opportunity;
- A list of resources linking to dissemination and communication outputs.
- A set of TIME4CS Results that support results exploitation facilitate the uptake of the project results by the Helix members.

8.3 Horizon Results Booster applications

In order to maximise the opportunities for exploitation, TIME4CS joined two applications to the Horizon Results Booster to increase future opportunities of concrete use of the main results achieved, as well as to keep collaborating with similar initiatives.

The first application, under the name of “Grounding Citizen Science in Research Institutions” was led by INCENTIVE on July 2023. The second, still under conclusion at the time of submitting the current deliverable, was submitted together with YouCount²².



Figure 1613 - Preview of INCENTIVE and TIME4CS HRB factsheet

8.4 Pilot activity with University of Bari

Starting from May 2023 and taking advantage of its network made of more than 150 members including all Italian universities and research organisations, APRE launched a pilot based on TIME4CS methodology with the University of Bari. The main aim was to exploit TIME4CS methodology by testing, after almost three years of successful implementation, its replicability on a smaller scale (i.e. with a simplified version of the Roadmap definition) and within a shorter timeframe.

The whole organization followed these main steps:

- An event with APRE's members, held in May 2023, to present TIME4CS, its methodology and opportunity of replication, also taking advantage of the participation of UniSR to the consortium as an example of “success story” among members

²² Additional details about this application will be included in TIME4CS final technical report

- A follow-up questionnaire, based on the LERU document “Open Science and its role in Universities” circulated among all participants to assess the status of knowledge about – and implementation of – CS within involved organisations
- Analysis and processing of all replies, in order to select one University to become a pilot
- Selection of University of Bari based on their current status, knowledge and level of interest about Citizen Science

Afterwards, the pilot activity itself was structured along 3 main steps/meetings:

1. In September 2023, APRE and UNIBA met online to introduce the activity and its planning over time. In this some meetings with them and working together with the reflection tool to identify at least 1 GA, they decided that in the next year they would like to organize a public event about Citizen Science.
2. In October 2023, APRE and UNIBA met online for the Reflection Workshop, a session where the core team from the University had the chance to co-create their Grounding Action of choice using the Reflection Tool
3. In December 2023, as a final step of the pilot activity, UNIBA’s core team will meet online one of TIME4CS’ Front-Runners, namely AU, to discuss with them about their Grounding Action and get guidance and advices on how to implement it properly

Overall, the pilot activity was successful, because of the high level of interest demonstrated by 15 Italian universities and the fruitful exchange with the University of Bari, which will organize in 2024 their first ever public event to promote CS, thanks to this experience.

9. Monitoring, reporting and evaluation

The TIME4CS CDEP used KPIs to identify and quantify the most effective communication and dissemination activities. The initial list (D6.1) of Communication KPIs is listed in the table below, along with the status at M36.

Targets were expanded during the implementation of the project to ensure that all potential communication, dissemination and exploitation objectives were addressed. Each approach was carefully designed, tailored to the target audience and assessed to maximize its impact. An online monitoring tool was shared within the consortium, where each partner was requested to insert information about all communication and dissemination activities implemented by them, including specific information about events attended, brochures/factsheets distributed, etc.

A tracking tool on the TIME4CS website and social media allowed the monitoring of the number and type of persons taking part in online activities (e.g. webinars), downloading documents, etc.

Table 1 Dissemination KPIs

	Audience / Goals	Timing	Outreach / KPIs	Current status
Website. Through the TIME4CS website the project results will be promoted and freely downloadable.	TG1, TG2, TG3, TG4, TG5, TG6	M6-M36 and beyond	~1000 total downloads from the website repository	3,722 total downloads from the website repository Zenodo
Training activities. Physical Trainings and webinars will be the channels to share knowledge acquired during the first step of the project.	TG1, TG2, TG4, TG6	M10 onwards	At least 4 physical trainings At least 10 webinars At least 200 trainees	10 webinars 4 workshops at Implementers' premises 631 participants in total
Technical publications and conference presentations: peer-reviewed scientific papers, submitted to open-access scientific journals, technical papers or/and grey literature.	TG1, TG2, TG3, TG4, TG6	M10 onwards	At least 1 peer review publication	1 conference workshop proceedings

<p>Roadmaps: TIME4CS statement for institutions outside the TIME4CS consortium that are willing to pursue institutional change on CS and would like to follow a validated approach.</p>	<p>TG1, TG2, TG3, TG4, TG6</p>	<p>M20 onwards</p>	<p>At least 200 downloads from the website repository At least 100 hand-deliveries. At least 4 events where the document will be presented</p>	<p>108 downloads²³ Presented at 5 events²⁴</p>
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Table 2 Communication KPIs

	Audience / Goals	Timing	Outreach/KPIs	Current status
<p>Website. An advanced website, providing information about the project’s results, including a detailed list and overview of all good practices collected by the consortium. In addition, the website will publish project news and will act as a communication channel for the stakeholders.</p>	<p>TG1, TG2, TG3, TG4, TG5, TG6</p>	<p>M6-M36 and beyond</p>	<p>~10000 total visits, 12 newsletters sent, 250 newsletter signed members</p>	<p>15,755 visits 12 newsletters 257 newsletter signed members</p>
<p>Visual Identity. visual identity, comprising a logo, standard presentation, brochure and roll-up in line with the H2020 visual guidelines.</p>	<p>TG1, TG2, TG3, TG4, TG5, TG6</p>	<p>M4-M36 and beyond</p>	<p>1500 Brochures distributed during external events</p>	<p>100 distributed at Aarhus 50 distributed at the Final Conference</p>

²³ Statement has been submitted on 30th November 2023 and reached already 108 downloads at the time of submitting this deliverable, which is an impressive result considering that it has been achieved in less than a month. Final number of downloads from the Zenodo community will be provided during TIME4CS final review meeting, considering also that further Statement promotion is already planned for the coming months (early 2024).

²⁴ 2 online events: i) draft version - ECS Collaboration Group cluster event, 3rd July 2023; ii) final version - 3rd Helix event (30 November 2023). 3 offline events: i) Time4CS/INCENTIVE policy roundtable in REA, 18th September 2023; ii) Time4CS/INCENTIVE final conference, 1st November 2023 and iii) YouCount final event, roundtable, 5th December 2023.

Social Media Accounts. The project activity will be distributed on Twitter, LinkedIn and Facebook	TG4	M4-M36 and beyond	1000 total followers among social medias	1318 followers
Media presence, provided by interviews, journalistic articles, a video news release, complemented by info-graphics and fact sheets.	TG1, TG2, TG3, TG4	M4-M36 and beyond	10 journalistic articles / interviews	2 published, 2 awaiting publication
External events such as fairs and conferences that provide opportunities for in-depth discussions and exchange of knowledge.	TG1, TG2, TG3, TG6	M4-M36 and beyond	Participation in 5 external events	7 external events
Clustering activities to support close cooperation and joint dissemination strategies with other EU projects tackling similar issues. Periodic bilateral exchange of news & results, joint presence in events.	TG6	M4-M36 and beyond	Cooperation with 5 initiatives	11 sister projects
Workshops, webinars, participation in fairs. In order to support the dissemination of the project, the consortium partners will attend and/or organize various events, workshops and training activities. All events will be announced on the project's website and communicated via social media.	TG1, TG2, TG3, TG4	M4-M36 and beyond	Organization of 4 workshops Organization of 10 webinars	26 dissemination events among workshops, webinars, participation in fairs
Citizen Science Helix. A virtual ecosystem/community tailor made for the TIME4CS Consortium as a launching pad to consolidate their ideas, harvest expertise from the wider CHX Network, build collaborative partnerships and to continue to function as a Citizen Science focused online community	TG1, TG2, TG3, TG4, TG5, TG6	M4-M36 and beyond	150 stakeholders engaged on the helix	249 organisations, 797 users

Annex I – Promotional material

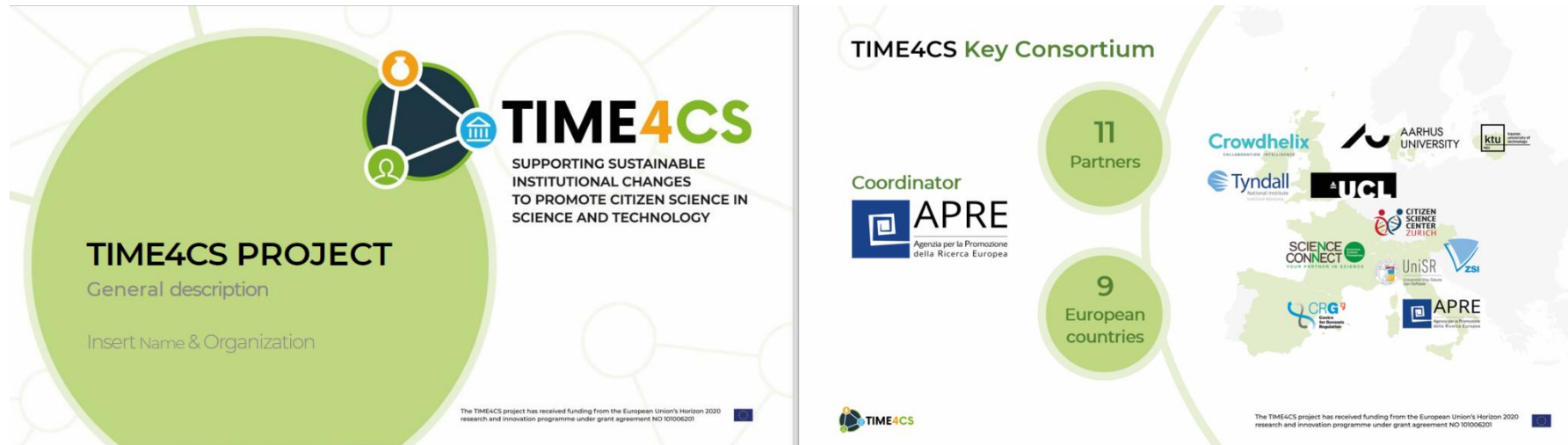


Figure 14 - Improved project's general description PowerPoint slides



TIME4CS How to use this template?

1. click on «insert new slide»
2. choose the desired layout (only title, title and text, title and picture, etc)
3. if you need to edit the structure of the slides go to «slide masters» (click on «view» in the toolbar and then «slide masters») and you can check the structure of slides
4. to edit the footnotes, go to footnotes and edit accordingly



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



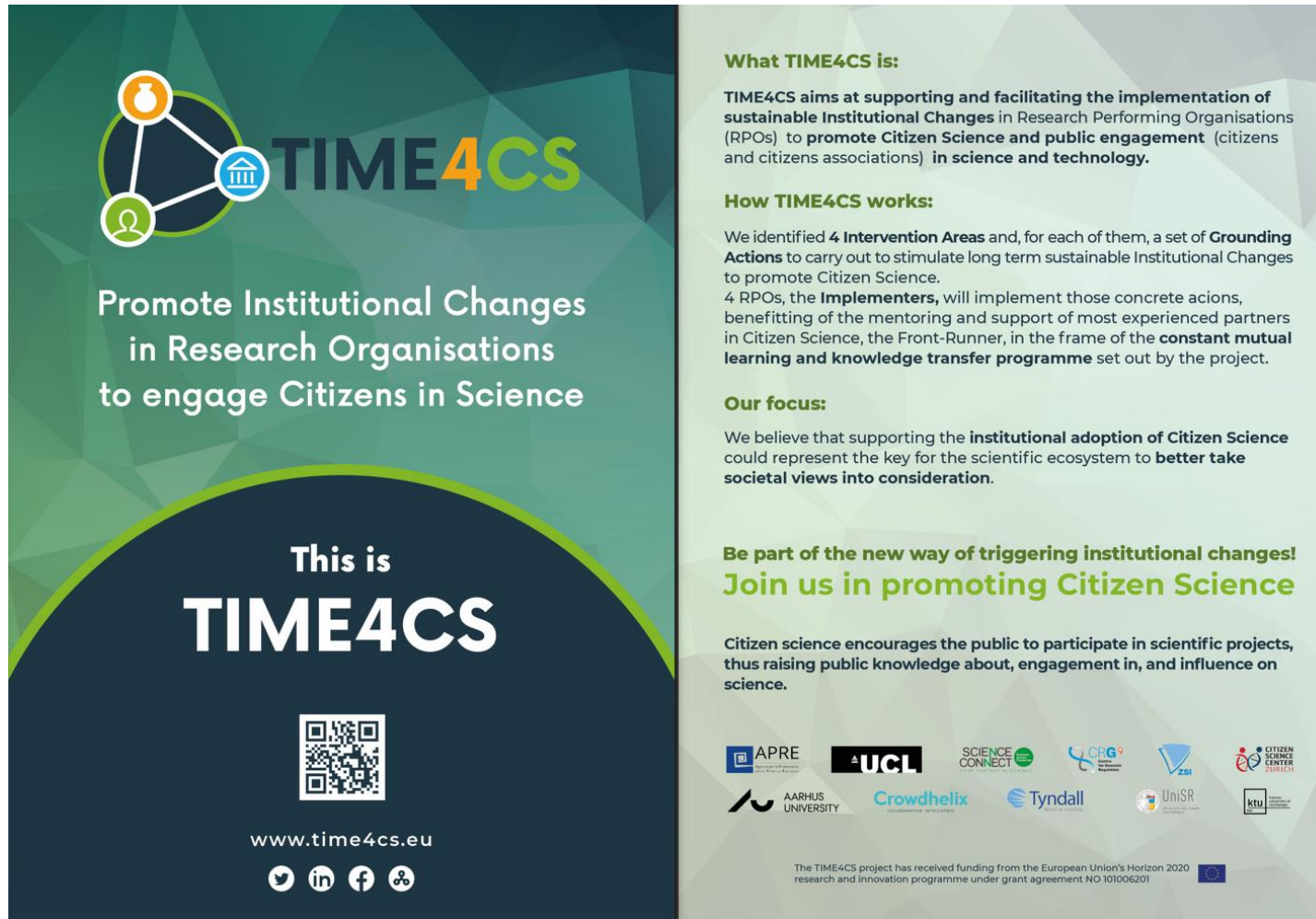
Figure 15 - Improved template for Presentation slides





Figure 16 - Dedicated virtual background for video calls





TIME4CS

Promote Institutional Changes
in Research Organisations
to engage Citizens in Science

This is
TIME4CS

www.time4cs.eu

What TIME4CS is:

TIME4CS aims at supporting and facilitating the implementation of sustainable Institutional Changes in Research Performing Organisations (RPOs) to promote Citizen Science and public engagement (citizens and citizens associations) in science and technology.

How TIME4CS works:

We identified 4 Intervention Areas and, for each of them, a set of Grounding Actions to carry out to stimulate long term sustainable Institutional Changes to promote Citizen Science.

4 RPOs, the Implementers, will implement those concrete actions, benefitting of the mentoring and support of most experienced partners in Citizen Science, the Front-Runner, in the frame of the constant mutual learning and knowledge transfer programme set out by the project.

Our focus:

We believe that supporting the institutional adoption of Citizen Science could represent the key for the scientific ecosystem to better take societal views into consideration.

**Be part of the new way of triggering institutional changes!
Join us in promoting Citizen Science**

Citizen science encourages the public to participate in scientific projects, thus raising public knowledge about, engagement in, and influence on science.

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

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

Figure 17 - Project flyer





TIME4CS

Promote Institutional Changes in Research Organisations to engage Citizens in Science

Join us



www.time4cs.eu
time4cs@apre.it

**This is
TIME4CS**




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

Figure 18 - Project roll-up



Annex II – TIME4CS posters presented at conferences

TIME4CS
Eugenia Vilarchao [evilarchao@esf.org] & Ildiko Ipolyi
European Science Foundation, Strasbourg, France

Institutional Changes supporting Citizen Science in Research Performing Organisations

What you will find in this poster :

- an extensive overview of how the concept of institutional roadmap and GA can be applied to stimulate the adoption of CS as research methodology in RPOs;
- concrete examples and recommendations;
- the most common expected challenges and suggestions on how to overcome them.

1 - Sustainable institutional changes, essential features :

- Irreversibility
- Inclusiveness
- Comprehensiveness
- Contextualisation

2 - Grounding Actions & Institutional Roadmaps :

Grounding Actions are any action aimed at implementing or favouring Institutional Change.

To ensure effective institutional change, the Grounding Actions should be embedded in a broader strategy : the roadmap.

3 - TIME4CS concept :

Implementers :

- Centre for Genomic Regulation (CRG), Spain;
- Università Vita-Salute San Raffaele (UNISRF), Italy;
- Kaunas University of Technology (KTU), Lithuania;
- Tyndall National Institute, University College Cork (T-UCC), Ireland.

KNOWLEDGE TRANSFER

Front-Runners :

- Aarhus University (AU), Denmark
- Competence Center - Citizen Science, University of Zurich (UZH), Switzerland
- University College London (UCL), United Kingdom

4 - Examples of Grounding Actions per Intervention Area :

Research:

- Establish connections with CS networks
- Implement changes in organisational structures

Education and Awareness:

- Set up information initiatives for researchers and training programs for students
- Create a working group on CS

Support Resources & Infrastructure:

- Identify an institutional contact point for Citizen Science
- Facilitate the set up of pilots/tests for the methodology

Policy & Assessment:

- Develop Strategic CS guidelines
- Implement reward mechanisms for CS practices

5 - Main challenges & possible solutions :

Challenges	Possible solutions
Lack of interest/time from researchers	
Lack of funding for CS projects	
Resistances to change	

6 - Recommendations :

- ✓ Build a **core team** of motivated people from your institution
- ✓ **Map all the existing (or past) initiatives** in Citizen Science, Public Engagement and/or Open Science
- ✓ **Find inspiration** from others (champions in CS, EU-funded projects)
- ✓ Use **TIME4CS Reflection tool** to develop your Grounding Actions and define your roadmaps
- ✓ **Monitor the implementation** of the actions and measure their impact
- ✓ **Keep the whole institution informed** of the new actions and the ongoing institutional changes!

Resources

Follow us

- @time4cs
- time4cs

www.time4cs.eu
zenodo.org/communities/time4cs/

Figure 19 - TIME4CS poster at ECSA Conference 2022

D6.2 Second version of the Communication, Dissemination and Exploitation Plan (CDEP)

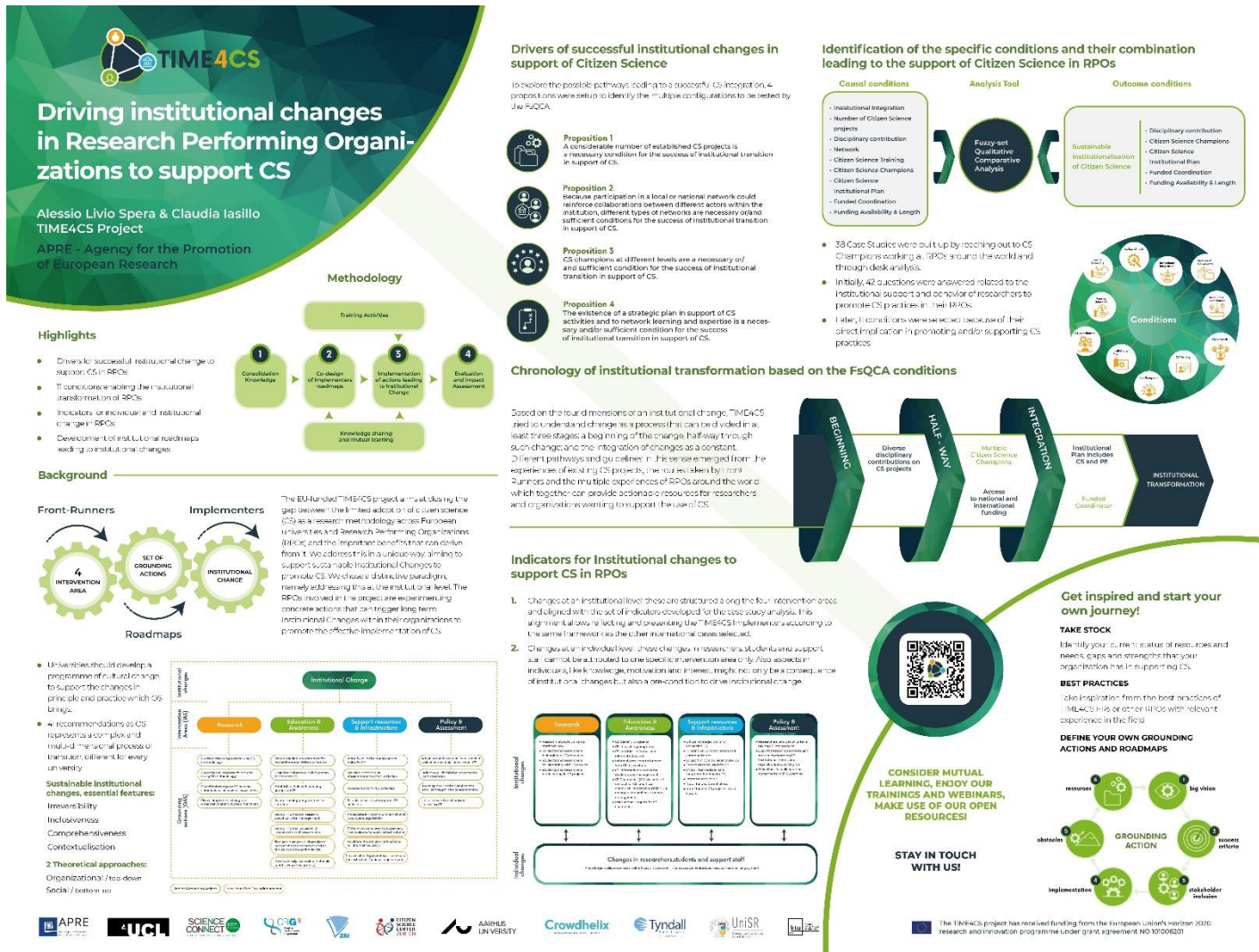
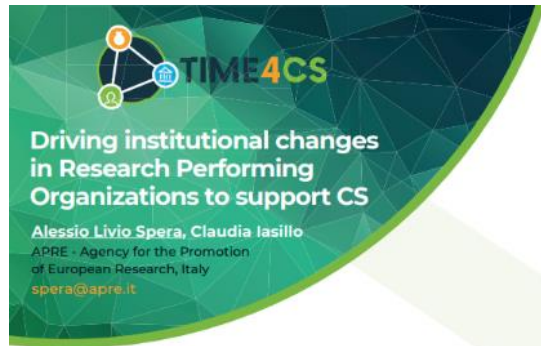


Figure 20 - TIME4CS poster at C*Sci 2023



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

D6.2 Second version of the Communication, Dissemination and Exploitation Plan (CDEP)



Background

Front-Runners



Implementers

The EU-funded TIME4CS project aims at closing the gap between the limited adoption of citizen science (CS) as a research methodology across European universities and Research Performing Organizations (RPOs) and the important benefits that can derive from it. We address this in a unique way, aiming to support sustainable Institutional Changes to promote CS through a distinctive paradigm. The RPOs involved in the project are experimenting concrete actions that can trigger long term Institutional Changes within their organizations to promote the effective implementation of CS.

Roadmaps

- Universities should develop a programme of cultural change to support the changes which CS brings in principle and practice.
- All recommendations as CS represents a complex and multi-dimensional process of transition different for every university.

Sustainable institutional changes essential features:

- Irreversibility
- Inclusiveness
- Comprehensiveness
- Contextualisation

2 theoretical approaches:

- Organizational / top-down
- Social / bottom-up

Drivers of successful institutional changes in support of Citizen Science

To explore the possible pathways leading to a successful CS integration, 4 propositions were setup to identify the multiple configurations to be tested by the F4QCA.

- Proposition 1**
A considerable number of established CS projects is a necessary condition for the success of institutional transition in support of CS.
- Proposition 2**
Because participation in a local or national network could reinforce collaborations between different actors within the institution, different types of networks are necessary and sufficient conditions for the success of institutional transition in support of CS.
- Proposition 3**
CS champions at different levels are a necessary and sufficient condition for the success of institutional transition in support of CS.
- Proposition 4**
The existence of a strategic plan in support of CS activities and to network learning and expertise is a necessary and/or sufficient condition for the success.

Identification of the specific conditions and their combination leading to the support of Citizen Science in RPOs

- 38 Case Studies were built up by reaching out to CS Champions working at RPOs around the world and through desk analysis.
- Initially 42 questions were answered related to the institutional support and behavior of researchers to promote CS practices in their RPOs.
- Later, 11 conditions were selected because of their direct implication in promoting and/or supporting CS practices.



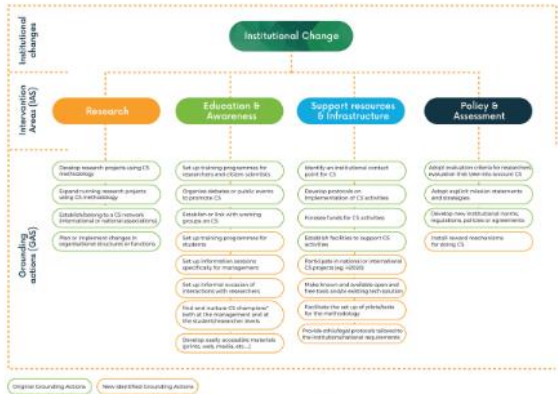
Chronology of institutional change as a process

Different pathways and guidelines emerged from the experiences of existing CS projects, the routes taken by Front-Runners and the multiple experiences of RPOs around the world which together can provide actionable resources for researchers and organizations wanting to support the use of CS.



Indicators for Institutional changes to support CS in RPOs

- Changes at an institutional level structured along the four intervention areas and aligned with the set of indicators developed for the case study analysis. This alignment allows reflecting and presenting the TIME4CS Implementers according to the same framework as the other international cases selected.
- Changes at an individual level: changes in researchers, students and support staff that cannot be attributed to one specific intervention area only. Also, aspects in individuals, like knowledge, motivation and interest, might not only be a consequence of institutional changes but also a pre-condition to drive institutional change.



Get inspired and start your own journey!

- TAKE STOCK**
Identify your current status of resources and needs, gaps and strengths that your organization has in supporting CS.
- BEST PRACTICES**
Take inspiration from the best practices of TIME4CS FIRs or other RPOs with relevant experience in the field.

DEFINE YOUR OWN GROUNDING ACTIONS AND ROADMAPS



CONSIDER MUTUAL LEARNING, ENJOY OUR TRAININGS AND WEBINARS, MAKE USE OF OUR OPEN RESOURCES!

STAY IN TOUCH WITH US!

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Figure 21 - TIME4CS poster at OS FAIR 2023



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