

# IMPETUS

## Deliverable D1.1

### Open call documentation 1

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## Log of changes

Date	Who	Description
30/11/2022	Gefion Thuermer (KCL)	First full draft of the document.
12/12/2022	María Anguiano (Zabala)	Quality review
13/12/2022	Gefion Thuermer (KCL)	Final version

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# 1. Executive Summary

The purpose of this document is to provide an overview of the documentation for the first open call for funding in the IMPETUS project, which includes the following documents:

- Challenge Definition
- Guide for Applicants
- Frequently Asked Questions (FAQ)
- Application form
- Declaration of Honour
- Call Announcement

These documents will be used for the open call, which will run from 10<sup>th</sup> January to 13<sup>th</sup> March 2023. Especially the FAQ will be continuously updated as we receive questions during the call period; all other documents will be revised at the end of the call period, in preparation for the second open call, schedule to run January through March 2024.

Please note that, while the timeline for the open call for funding is aligned with the call for nominations for the European Union Prize for Citizen Science, this document refers to the call for funding *only*.

## 2. Contribution towards project objectives

This deliverable is key to achieving milestone 1 of the project: Open Call 1. has contributed to the following objectives/key results: “Call challenges defined (including with citizen panel), relevant criteria and processes (i.e. evaluation) defined, and call and related documentation published.”

It includes all the documentation relevant to run the call, which will be in place on our project website by the time the call launches on 10<sup>th</sup> January. In this first open call, we aim to reach 300 applications, and recruit 30 kickstarting and 5 sustaining citizen science initiatives.

Results of the call will be summarised at the end of the selection period in D1.4 *Open call summary report 1*.

## 3. Methods

This document was created primarily by KCL who will implement the open call for funding. The call documentation is largely based on the documents used successfully by the ACTION project (<https://actionproject.eu/apply-2020/>), which was also authored by KCL.

### 3.1 Challenge definition

The first challenge for the IMPETUS open call was defined by the consortium, based on the indicators for sustainable development goals and goals of the European Green Deal. The theme *Citizen Science for a Healthy Planet* was set out in the Grant Agreement. Both goals frameworks and indicators were revised to select the most appropriate elements which could be addressed through citizen science.

The second challenge as defined by the IMPETUS Citizen Panel. The panel was recruited from citizen science practitioners in October 2022, and launched on 16<sup>th</sup> November.

The purpose of the citizen panel is threefold:

1. define challenges for the open accelerator call – the method we use to recruit citizen science initiatives that will receive funding and support;
2. contribute to the nomination and selection of the European Union Prize for Citizen Science; and
3. help spread the word about citizen science in Europe, and Impetus' mission.

The panel members are citizen science practitioners from across Europe, and consists of ten members, who were selected based on a variety of criteria, including gender, expertise and geographical diversity. Individual member profiles are available on the IMPETUS website: <https://impetus4cs.eu/about/citizen-panel/>.

The panel met online and worked through collaborative online tools (such as Google Docs and Google Groups). The group brainstormed to define a list of topics that they felt would be relevant for citizen science to address. The initial list included:

1. Open-source development for citizen science
2. Litter mapping
3. Liveable, sustainable & inclusive cities
4. Nature-friendly agriculture
5. Education - students doing & learning about citizen science

## 6. Human Health

In addition, KCL provided the panel with a list of relevant statistics and topics selected from Eurobarometer publications in 2022, highlighting potentially relevant topics for their consideration.

The panel discussed and ranked the different challenge options on 5<sup>th</sup> December, and settled on *Cities for Life* as the second challenge. The challenge text was then developed by the consortium, and approved by the panel. It is provided in Annex 1.

We will continue to work with the citizen panel, and plan to expand it by ten members every year.

## 3.2 Relationship with other WPs

The Guide for applicants especially was developed in close alignment with all other WPs. It includes a timeline of the negotiation and acceleration, as well as commitments of the participants during these periods, such as training and reporting requirements, which were discussed and aligned with WPs 2 (Accelerator), 4 (Policy), 5 (Impact) and 7 (Project Management).

The timelines between the open calls for the accelerator, and nominations for the *Prize* were aligned, in order to maximise the effectiveness of outreach activities, and increase the number of applications for both areas. This required detailed discussions between WPs 1 and 3.

## 4. Description of work accomplished

The relevant documents are available from our website, where they will also be made available to applicants during the call:

- Challenge Definitions (see Annex 1)
- Call Announcement (see Annex 2)
- [Guide for Applicants](#)
- [Frequently Asked Questions \(FAQ\)](#)
- [Application form](#)
- [Declaration of Honour](#)

## 5. Results

The open call will launch on 10<sup>th</sup> January 2023 and close on 13<sup>th</sup> March 2023.

Results of the open call will be reported in D1.4 *Open call summary report 1*.

## Annex 1 – Challenge Definitions

### Challenge 1: Citizen Science for a Healthy Planet

Citizen Science engages volunteers in a range of scientific activities. This helps educate and inform citizens in the subject matter and leads to greater public understanding of how science and scientists work. Participation in Citizen Science can increase trust in science and expert opinions, enhance critical thinking, and ultimately fight misinformation, disinformation and fake news. Scientists can learn from Citizen Science about what people genuinely care about, the impact their work has or should have in society, and become more participatory, by involving volunteers early on in co-designing the research, collecting, cleaning, and analysing the data, documenting the results, and sharing the recognition. Citizen Science is playing an ever more important role in how researchers and innovators engage with society, and how they contribute to common concerns. However, Citizen Science sometimes struggles to achieve recognition and impact because citizen and ‘professional’ science practices differ, and citizen scientists have a harder time gaining access to local stakeholders and policy makers. Results of Citizen Science are chronically underutilised, although we know that they can add value to virtually everything from meeting Green Deal and UN Sustainable Development Goal (SDG) targets to boosting social and environmental innovations, all while being closely aligned with local communities. While Green Deal and SDG targets may seem abstract for many citizen scientists, their projects may already be working toward monitoring them, through activities such as environmental measurements (for example air, water or soil quality), or monitoring (for example insect or bird observations).

#### What we are looking for

In our Open Call 2023, IMPETUS is looking for Citizen Science projects that contribute to sustainable development goals related to the theme of a “Healthy Planet for all”. Specifically, we are interested in projects that address one or more of the following topics, which are related to SDGs #3, #6 and #15:

- **Water:** Water-related ecosystems and their use, water-use efficiency, water quality or pollution
- **Land:** Quality and pollution of soil, sustainable use of soil and woodlands
- **Biodiversity:** Natural habitats, invasive species, flora and fauna species monitoring and conservation

Applicants should contribute to at least one of these topics, and enable the monitoring of at least one [established indicator](#), by providing monitoring data, or directly contributing to their achievement at local, regional, or national level. Note that in this call, we are *not* looking for projects addressing air pollution, as this will be covered by a future call.

We particularly welcome applications from projects that are led by women or non-binary persons, and that are run by, or actively involve, underrepresented groups and their public representation. This includes those belonging to groups at risk of social exclusion and discrimination, such as refugees, ethnic minorities, the LGBTQ+ community, those with

disabilities; or from [lower-middle income countries](#); as well as projects that focus on inclusion dimensions of their research.

All projects will also be assessed against criteria of equality, diversity, equity, and openness. IMPETUS has an [inclusive view of Citizen Science](#) initiatives, which can have a wide-ranging scope of scientific and social activities that engage citizens and aim to deliver scientific advancement and social benefits, support communities, and foster an open and inclusive civil society.

Eligible projects could include but are not limited to:

- Citizen engaged in digital humanities research
- Initiatives that incorporate characteristics of Citizen Science as defined by ECSA
- Science and research communication with citizens
- Participatory artistic-led research
- Science education that engages citizens

## What we offer

Successful applicants will receive funding and support to deliver a six-month project. Support will include training and expert guidance from a range of experts within and beyond the IMPETUS consortium, as well as peer-to-peer support and exchange.

Projects can apply for two kinds of grants, depending on their current development stage:

- Projects that are no more than six months into their Citizen Science journey and are yet to establish a community and/or data collection and processing procedures, can apply for a **Kickstarting grant**, worth 20,000 €.
- Projects that are more advanced, with established processes, an engaged community, and initial evidence of impact, can apply for a **Sustaining grant**, worth 10,000 €. We expect these grants to be awarded for the continuation, enhancing of impact, and/or further establishment of existing projects.

The funds provided can be spent on salaries, equipment, consumables, travel, subcontracting to other entities, and indirect expenditure (calculated as 25% of the total direct costs), in accordance with Horizon Europe guidelines.

## Challenge 2: Cities for Life

Europe is highly urbanised. Currently, according to the European Commission, our urban areas are home to around 75% of EU citizens, and estimates predict that this will rise to 80 % by 2050. Therefore, urban areas play a key role in ensuring a good quality of life for the majority of European citizens.

Cities are complex systems, bringing communities and the environment together in a living, continuously evolving setting. They are social, cultural and economic centres, embedded in the regions surrounding them. Despite these commonalities, each European city and town is unique. They have unique features developed through history, shaped by their geography, inhabitants and socio-political systems. Consequently, the challenges faced by cities vary significantly.

Despite their unique features and challenges, there are transversal issues that all cities face: they need to prepare for climate impacts, contribute to climate neutrality, circular economy and biodiversity objectives, while ensuring a cleaner and healthier environment and providing better social and economic opportunities for their inhabitants.

Citizen Science initiatives based in an urban context can be crucial, especially to addressing local issues caused by the unique features of their cities, or to counter misinformation about the cities. Local communities, NGOs, research institutes and other local stakeholders are often best placed to take local action, provide evidence and have impact on policy-making, and tackle and resolve local challenges, whatever their nature.

### What we are looking for

This IMPETUS challenge calls for Citizen Science projects that have the capacity to help make European cities more liveable, productive and resilient, for a more sustainable and inclusive Europe. It will focus on three key challenges that cities face, and can be addressed through Citizen Science:

1. Tackling **health issues** (including but not limited to the impacts of the COVID-19 pandemic),
2. Dealing with the **climate and ecological emergency**, and
3. Addressing **social and economic inequalities**.

Applicants should support and accelerate the socio-cultural, socio-economic and technological transformation of an urban context in at least one city or town in an eligible country. Projects that address topics in social and health sciences are explicitly included in this call. We want to support local communities and empower them to take an active role in accelerating local developments in their cities, as a contribution to wider social and green transformation.

We particularly welcome applications from projects that are led by women or non-binary persons, and that are run by, or actively involve, underrepresented groups and their public representation. This includes those belonging to groups at risk of social exclusion and discrimination, such as refugees, ethnic minorities, the LGBTQ+ community, those with disabilities; or from [lower-middle income countries](#); as well as projects that focus on inclusion dimensions of their research.

All projects will also be assessed against criteria of equality, diversity, equity, and openness.



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The funds provided can be spent on salaries, equipment, consumables, travel, subcontracting to other entities, and indirect expenditure (calculated as 25% of the total direct costs), in accordance with Horizon Europe guidelines.

## Annex 2 – Call Announcement

### TEMPLATE for FP7 Competitive Calls and H2020 Financial Support to Third Parties

To publish a call on the Funding & Tenders Portal (F&TP), the Project Officer must send to the F&TP team at least the following information:

	Information to be provided by the project consortium
Call title:	IMPETUS Citizen Science Challenge 2023
Full name of the EU funded project:	IMPETUS
Project acronym:	IMPETUS
Grant agreement number:	101058677
Call opening date:	10/01/2023 at 12:00 (Brussels time)
Call deadline:	13/03/2023 at 12:00 (Brussels time)
Expected duration of participation:	Participation for successful applicants will last 6 months
Total EU funding available:	Approximately 650,000 EUR Funding for kickstarting projects: 20,000 EUR Funding for sustaining projects: 10,000 EUR
Submission & evaluation process:	<p>Submission process:</p> <p>Applications will be made in English, online via the following platform: <a href="https://easychair.org/my/conference?conf=impetus4cs">https://easychair.org/my/conference?conf=impetus4cs</a></p> <p>Applications will consist of a short proposal presenting the idea, implementation, resources and impact, as well as administrative information and a declaration of honour. The short proposal should follow the template available in the IMPETUS 'guide for applicants' and must not exceed 4 pages.</p> <p>Evaluation process:</p> <p>The evaluation will be divided into the following stages:</p> <ol style="list-style-type: none"> <li>1. Eligibility check: the funding is available to legal entities established in a country or territory eligible to receive Horizon Europe grants. Every entity is allowed to participate in one application, either on its own or as part of a consortium.</li> <li>2. Proposal review: each proposal will be assessed against four criteria: idea, implementation, team and community, and impact.</li> <li>3. Applicants will be informed of the results and short-listed candidates will be invited to an online interview with an expert panel.</li> </ol> <p>See IMPETUS' 'guide for applicants' accessible from the submission platform for more details on the evaluation process: <a href="http://www.impetus4cs.eu/opencall">www.impetus4cs.eu/opencall</a></p>
Further information:	<a href="mailto:opencall@IMPETUS4cs.eu">opencall@IMPETUS4cs.eu</a>
Task description:	The IMPETUS Open Call is intended to support the implementation and sustainability of citizen science projects addressing the IMPETUS

	<p>challenge. For this call we are focussing on projects that focus on the themes of <i>Citizen Science for a Healthy Planet</i>, as well as <i>Cities for Life</i>.</p> <p>Successful applicants will be expected to design, implement and present the findings from a related citizen science projects over the course of six months.</p> <p>Applications which engage citizens in scientific activities producing new results, which are of mutual benefit to citizen scientists and project administrators alike will be prioritised. We particularly encourage projects that address marginalised, disadvantaged or vulnerable groups to engage in citizen science and expect that where possible, projects funded through the IMPETUS open call should be openly accessible to all.</p>
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