

## Preliminary Market Consultation Announcement

in preparation for the procurement of R&D and innovation services  
to build a “**Green and Climate neutral Hub**” in the City of Ioannina



**Date of the consultation:** July 14, 2023 – 08:30-11:30 CEST

**Venue:** Ioannina City Hall - Averof 1, Ioannina 452 21, Greece  
(<https://goo.gl/maps/uCcuvdHXM6ZfV6Zw9>) )

**URL for remote participation:** The link will be sent after registration

**URL for (mandatory) registration:** <https://www.eventbrite.it/e/climaborough-preliminary-market-consultation-announcement-ioannina-tickets-657718633137>

This document including its Annex details both the technical and administrative terms and conditions of this Preliminary Market Consultation held in the city of Ioannina. Its contents may change without notice.

This final version is dated 21 June 2023. Its original version is kept in the contracting authority's records.

For further information and a copy of it in the native language of the country where the consultation is hosted, please contact:

@ANCI Toscana: [climab@climaborough.eu](mailto:climab@climaborough.eu)

@the City of Ioannina: [xkalogirou@ioannina.gr](mailto:xkalogirou@ioannina.gr)

In case of discrepancies, the English version will prevail over any available translation.

After the finalisation of this Market Consultation, a Report with the general conclusions and its audio/video proceedings will be published in the project website <https://climaborough.eu/public-procurement/open-calls/>

At the same URL one can retrieve comparable information from the other 7 Preliminary Market Consultations held in parallel to this one.

### 1 Introduction



Co-funded by  
the European Union

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

ANCI Toscana is the Association of Tuscan Municipalities, based in Florence.

ANCI Toscana coordinates the CLIMABOROUGH innovation project, “Building Green and Climate Neutral City Hubs”, the purpose of which is to achieve a systemic transformation of Cities, supported by customised climate services, accompanied by a strategic, holistic and long-term focused investment approach, together with a new governance framework for climate.

By climate services we mean socio-technical systems that assist individuals in taking climate friendly decisions and actions, supported by specific data and information on the carbon footprint of human activities in the selected environments.

The project is co-funded by the European Union through its agency CINEA, under the Horizon Europe programme for research and innovation.

You can find more information on the project at this URL: <https://climaborough.eu/>

However, neither the European Union nor CINEA can be held responsible for any part of the process described herein.

In the context of CLIMABOROUGH, a public call for tender will be launched in September 2023, using the instrument of Innovation Partnership (as per art. 31 of the procurement directive 2014/24/EU) for the experimentation of a new and innovative concept of “Green and Climate Neutral Hub” in 8 EU cities, built on climate services and/or other socio-technical systems.

Involved cities are: **Athens** (EL), **Cascais** (PT), **Differdange** (LU), **Grenoble Alpes Metropoles** (FR), **Ioannina** (EL), **Maribor** (SI), **Sofia** (BG) and **Torino** (IT).

The Cities are clustered in **two thematic hubs**, one focused on the transition "*from waste to circularity*", the other addressing the shift "*from isolated energy and mobility systems to integrated services*".

Each City has formulated a specific Challenge – or problem to be solved – which will be presented in more detail during the respective Preliminary Market Consultation. There, the advice will be sought of economic operators, public authorities, R&D institutions, individual experts and professionals, including start up entrepreneurs and SME owners, on the possible existence in the state of the art of suitable solutions, which may tackle the challenges as they have been identified, or suggest reshaping some of them to ensure they can be fulfilled by the deployment of climate services and/or other socio-technical systems.

At the end of the procurement procedure, **there will be two awarded solutions per city**. Indicatively, the call for innovation partnerships will have a budget (VAT excluded) of €287,500.00 for each urban challenge.

## 2 Venue of the Preliminary Market Consultation

This document refers to the Preliminary Market Consultation in the City of Ioannina.

The event is scheduled for the 14<sup>th</sup> July 2023 at 08:30-11:30 CEST and will be hybrid.

Until that time, participants can also send inquiries in writing, to: [climab@climaborough.eu](mailto:climab@climaborough.eu).

All received inquiries, duly anonymised, and their respective answers will be published at the URL: <https://climaborough.eu/public-procurement/open-calls/faq>.

Participation is free, upon registration at: <https://www.eventbrite.it/e/climaborough-preliminary-market-consultation-announcement-ioannina-tickets-657718633137>.

Remote attendance is also welcome. The link to connect will be sent to participants upon registration.

Participants can also provide an idea in writing and/or book a speaking slot in the Q&A session using the template provided as Annex to this document.

The event will be audio/video recorded and its proceedings, together with the list of participants, will be

published online at the URL: <https://climaborough.eu/public-procurement/open-calls/ioannina>.

Working language will be English. However, it is possible that this document and its Annex may also be made available in local language. The venue host reserves the right of not providing live translation and interpretation services.

Those who, for any reason, are in the impossibility of attending the event, can send written contributions, using the template provided as Annex, to the following address: [xkalogirou@ioannina.gr](mailto:xkalogirou@ioannina.gr).

Contributions will be accepted until **31 July 2023**. Unless otherwise requested, for reasons of business confidentiality (see Section 7) they will be published together with the event proceedings at the same URL mentioned above.

### 3 Purpose of the Preliminary Market Consultation

The purpose of the Preliminary Market Consultation is to acquire information regarding potential solutions that already exist in the market or result from ongoing/past research and innovation efforts, for the problem (or Challenge) stated in the next section of this document.

Economic operators, including research institutions in the domain of the Challenge, SMEs and start-up enterprises and/or natural persons are invited to participate and provide inputs. The feedback received in the frame of this consultation will be used to support the design and launch by ANCI Toscana, on behalf and upon mandate of the City, of a call for tender using the instrument of Innovation Partnership (as per *art. 31 of directive 2014/24/EU*). It is expected that the procurement will be launched in September 2023.

The principles of equal treatment, transparency, and non-discrimination will be duly enforced by ANCI Toscana and the City of Ioannina for all participants. This to avoid creating unfair advantages or undue penalizations and ultimately distorting competition. For the avoidance of any doubt, responding to this consultation is entirely optional and without prejudice to the right of participation in the future public procurement.

Likewise, the description of the problem (or Challenge) is intended solely for the purpose of providing context information to the participants. The actual definition of the tender requirements will only be made available in the call's Terms of Reference.

Finally, the (oral or written) contributions provided in the context of this consultation are only suggestive and cannot be considered in any way binding on the preparation of the procurement documentation.

### 4 Problem to be solved (aka Description of the Challenge)

Ioannina is the capital and the largest city of Epirus, a north-western region of Greece. Ioannina has a small, inhabited island within its area, which includes the so-called lake Pamvotis where there are regular transportation services, using small boats, between the island and the city, with an important presence of tourists. Moreover, the lake "attracts" activities such as sports, livestock farming or agricultural ones.

The Municipality aims to make this lake as green as possible, in collaboration with the island's local community, as well as other stakeholders with activities in the lakeside area, improving the behavior of various target groups (tourists, residents, businesses, farmers etc.).

### 5 Expected characteristics of the solution(s) looked for

As there is no data to monitor the impact of urban wastewater and rainwater runoff on the lake's water quality and ecosystem, the gap to fill in is to collect this data and develop some kind of monitoring tool to assess the current situation and see how anthropogenic activities are turning the lake into a greenhouse gas emissions production plant. A possible solution could be a combination of data collection, environmental impact monitoring, and behavior change aimed at tourists or other stakeholders such as small boat owners, hotels, restaurants, farmers, livestock owners etc.

Additionally, based on data about the factors of human activity that turn the lake into a greenhouse gas factory, an application could be developed that will be used by tourists visiting the islet and the area surrounding the lake, restaurants, hotels, or other businesses and residents of the same place, etc. and figure out their footprint in the lake's greenhouse gas emissions factory, based on their choices, like waste management, transportation, food management, agricultural activities, lake sports, etc.

The gathered data could be available to the Municipality for decision-making based on data for the protection of the lake's ecosystem and reducing the carbon footprint of the City. Also, our goal is to establish a co-creation mechanism that will support a systematic and productive collaboration of all local stakeholders.

In parallel, pilot applications of innovative technical solutions which contribute to the improvement of the water quality are also desirable e.g. water filtering of shallow eutrophic lakes, recycling/cleaning/removal of sediment, absorption of phosphorus /nitrogen and circular economy, barriers/collectors for organic load transported by rainwater runoff.

## 6 Agenda of the event

08.30 - 09.00: Attendee identification, technical rehearsals, welcome greetings.

09.00 - 09.30: Presentation of the challenge (by Christina Kalogirou, from the City of Ioannina)

09.30 - 10.00: Q&A and free discussion of the challenge details

10.00 - 10.30: Presentation of the Procurement Call mechanism (by Francesco Molinari, from ANCI Toscana)

10.30 – 11.15: Q&A and discussion (possibly with pre-booked talks by selected members of the audience, including from remote locations, presenting state of the art solutions and/or prototypes)

11.15 – 11.30 Conclusions and final greetings.

## 7 Confidentiality clause

ANCI Toscana and the City of Ioannina shall not disclose information provided by economic operators and/or natural persons in the framework of this Market Consultation which they have designated as confidential, including, but not limited to, technical or trade secrets and the confidential aspects of the feedback received. However, please note that the contents of the Annex will be made public at the following URL: <https://climaborough.eu/public-procurement/open-calls/ioannina/>.

It is therefore advisable to specifically mention the information or data that should be kept confidential and removed from the Annex prior to its publication.

However, please note that business confidentiality protection does not apply if it can be easily verified, using common sense and accessible sources, that the contents designated as confidential do, in fact, already belong to the public domain.

## 8 Data Protection

Any personal data shared in the context of the present market consultation will be processed in accordance with the *Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC*.

**Personal Data Controller:** ANCI Toscana: Mr Simone Gheri – [simone.gheri@ancitoscana.it](mailto:simone.gheri@ancitoscana.it)

**Data Protection Officer:** ANCI Toscana: Mr Besnik Mehmeti – [besnik.mehmeti@ancitoscana.it](mailto:besnik.mehmeti@ancitoscana.it)

### **Rights/questions/complaints**

You are entitled to access, rectify, limit, delete, transfer data or object to the processing of your personal data. If you wish to exercise any of these rights regarding the storage/use of your data, please contact our Personal Data Controller.

If you want to know how your personal data is used, or you feel that we have used your personal data in a way that violates the current legislation, please contact our Data Protection Officer.

## **9 Annex**

Solution proposal form template including Permission to publish and Request for a speaking slot