

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 Torino



CITTA' DI TORINO

Date of the consultation: July 6, 2023 – 14:30-17:30 CEST
Venue: CSI NEXT, Corso Unione Sovietica 214, Torino

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-torino-tickets-654029338357>

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

This final version is dated 14 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

@the City Hall of Torino: elena.deambrogio@comune.torino.it

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.



**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.

1 Introduction

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 Torino.

The event is scheduled for the 6th July 2023 at 14:30 – 17:30 CEST and will be hybrid.

Until that time, participants can also send inquiries in writing, to: 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-torino-tickets-654029338357>.

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/torino> .

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: elena.deambrogio@comune.torino.it. 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 Torino 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)

Currently, there is the need to improve the collection and disposal of WEEE/textile waste, favouring at once sustainable, innovative circular models.

In fact, in the City of Turin, the amount of WEEE/textile waste that is not properly disposed of and recycled is still too high, particularly small WEEE and non-wearable textiles.

For this reason, the City of Turin, in accordance with AMIAT-Iren (waste collection provider of the City), would like to stimulate proper disposal and recycling/reuse of non-wearable textiles (e.g. linens, towels) and small WEEE (e.g. smartphone, small appliances, earplugs).

In fact, these products represent the least tracked and properly-dismissed categories of waste but still contribute to the overall emission of CO₂ - locally and globally. Working on these waste categories can also help stimulate citizens' action and to raise awareness.

To improve the situation, a better understanding of the entire waste management system and the overall impact (negative and positive) of the end-of-product chain might help detect areas of intervention, to calculate emissions and to act through punctual policies. Furthermore, it could help raise awareness and engage key stakeholders.

For this reason, the City of Turin, in collaboration with AMIAT-Iren is planning to act on different levels:

- A more systematic, continuous and thorough collection of **data** (different sets), related to the production, use and - most of all - disposal of these types of products, to identify gaps, calculate CO2 eq. emissions related and opportunities coming from different aspects/moments/actors involved at the end of life of such categories (WEEE/textiles) to better understand the current situation, predict future trends and act through punctual policies and participatory actions.
- Increase **knowledge** and raise awareness, among citizens and other key stakeholders, on the impact of WEEE/textile waste and the existing/potential opportunities to recycle, reuse and regenerate at local level, supporting circular economy also through cross collaboration. In this sense, the use of data (also regarding small appliances and non-wearable textiles) might help calculate and communicate the impact of such waste categories (both positive and negative).
- Favour **recycling/reuse and collection** of textile and WEEE waste, both through AMIAT and the innovative actions of local enterprises/organisations, particularly of small WEEE products and non-wearable textiles
- Favour **participatory actions** and the development of innovative solutions, including those with digital elements and gamification.

To improve collection capacity, reuse and circular opportunities of WEEE/textile waste, it is necessary to support collaborative, cross-sectoral effort through active exchange of knowledge, dissemination, targeted communication and educational activities aimed at different groups - all contributing at different levels to the use, production and - consequently - reduction of waste. In particular, the use of different types of data and digital services could be successfully used to improve the collection and reuse of WEEE/textile waste by triggering behavioural change.

5 Expected characteristics of the solution(s) looked for

The expected proposals will include digital solutions for monitoring/data production and dissemination, taking into account the entire WEEE and textiles waste management (with a focus on small WEEE/non-wearable textiles).

Some data not available today is to be constructed through the engagement of stakeholders who are not included in the compulsory counts required by law.

As a result of the data analysis and the increased understanding of the problem, awareness-raising campaigns will be designed for the key players identified (e.g. large-scale distributors, NGOs, SMEs, association networks, schools, citizens).

The service will enable the city to:

- Build a new data collection system that can independently/continuously be fed by the stakeholders involved (including citizens)
- Set up a data monitoring system with different sets of data to help better understand areas of intervention and gain a better understanding of the situation at City level
- Produce evidence of the value generated through proper disposal, recycling and reuse for dissemination
- Promote and facilitate cross-sectoral circular opportunities
- Actively engage key stakeholders and favour participation throughout the process
- Help tackle issues and develop strategies both at district and/or at city level

- Align with and feed the overall City communication strategy
- Help populate the Climate City Contract of the City of Turin.

In other words, the activities will produce a constant flow of data, to be used also in communication outputs, that will favour a shift in behaviour through dissemination and the development of concrete participatory actions and collaborative strategies (for data production or concrete territorial actions).

Such initiatives are considered particularly successful if key stakeholders and citizens are actively engaged in the production of data (and if these are easy to understand also for a general audience).

If the actions are successful, citizens and businesses/enterprises will have open access to easy-to-read and up-to-date data at different levels, contributing actively to the production of data. Together with other key stakeholders, the citizenship will have a better understanding of how waste management of WEEE and textile works.

Successful solutions will also trigger behavioural change favouring a more efficient separation of WEEE and textile waste and the increase of collection in quantity and variety.

Together with the Municipality, key stakeholders and citizen groups will be able to shape together new strategies and actions to favour circularity and reduce the impact of waste on the territory.

Immediate results might include:

- An increase of the waste quantity collected
- An increase of the ability to quantify and favour the reuse of materials
- Number of citizens and key stakeholders supporting such collaborative data-collection and strategy effort
- Capacity of the City and the waste management provider to study/monitor the waste and collection trends.

6 Agenda of the event

14.30 - 15.00: Attendee identification, technical rehearsals, welcome greetings (by Chiara Foglietta, Councillor for Ecological and Digital Transition of the City of Torino and Gaetano Noè, Director of the Environmental Dept. of the City of Torino).

15.00 - 15.30: Presentation of the challenge (by Laura Ribotta, from the City of Torino)

15.30 - 16.00: Q&A and free discussion of the challenge details

16.00 - 16.30: Presentation of the Procurement Call mechanism (by Francesco Molinari, from ANCI Toscana)

16.30 – 17.15: 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)

17.15 – 17.30 Conclusions and final greetings.

7 Confidentiality clause

ANCI Toscana and the City of Torino 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/torino>

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

Data Protection Officer: ANCI Toscana: Mr Besnik Mehmeti – besnik.mehmetii@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