Call for offers   15 June 2020

Agile pilots of mobility services (Jätkäsaari Mobility Lab)

Background

The agile pilots sought through this call for offers are part of the Jätkäsaari Mobility Lab project, in which several municipal actors take part, including departments of City of Helsinki, Jätkäsaari District development project, Forum Virium Helsinki, Port of Helsinki, and Helsinki regional traffic (HSL).

Jätkäsaari Mobility Lab is an umbrella project for smart mobility development in Helsinki. It creates an urban testbed for piloting novel mobility services and technologies in the West Harbour area. Jätkäsaari Mobility Lab is running 2019-2021 and receives funding from the innovation fund of the City of Helsinki. Forum Virium Helsinki is responsible for the agile piloting programme in the project.

This procurement of agile pilots aims to create understanding of novel mobility solutions by experimenting with the innovations and evaluating the possibilities and potential impacts of these solutions. The agile pilots must be novel beyond commonly available solutions and pilots conducted earlier.

Focus of the call

The target of this procurement is agile pilots of new smart mobility solutions in the area of West Harbour (including Jätkäsaari, Hernesaari, Ruoholahti, Salmisaari, Telakkaranta). The focus is on the following topics.

Agile pilots that promote healthy, safe and/or sustainable mobility, for example:

- Solutions raising awareness, interest and attractiveness of safe and other desired routes
- Gamification, incentives and presentation of data to support sustainable mobility choices
- IoT solutions for travellers, commuters, etc.

Agile pilots that enhance the use of local services and companies and/or increase their accessibility, for example:

- Mobility solutions facilitating and enhancing the use of local services and companies
- Solutions facilitating ordering, picking up and/or delivering of groceries and other goods
- Solutions easing the discovery, accessibility and/or use of local services

The pilots can utilise available open data. Examples of potential data sources are listed on the website of Jätkäsaari Mobility Lab: https://mobilitylab.hel.fi/materials/.

The solution may focus on residents and companies in general, or it can focus on mobility challenges of specific groups or use cases (e.g. safe school routes, mobility for the elderly, or solutions for other groups).

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Description of open call and leaving an offer

With this call for offers, Forum Virium Helsinki seeks agile pilots providing solutions to the two topics described above.

More than one agile pilot may be selected. Maximum of three agile pilots will be selected.

The maximum cost of one agile pilot is 15,000 euros (VAT 0%). The maximum total cost of all agile pilots is 45,000 euros (VAT 0%).

The total price, and the content of the costs, should be described in the offer.

Companies and other actors with a business ID can take part in the open call. Two or more actors may leave a joint offer together.

The minimum duration of the agile pilot is one month and the maximum duration six months.

The open call seeks agile pilots that can be implemented with end users during the piloting period in September 2020 - March 2021.

Forum Virium Helsinki reserves the right to conduct or authorise a third party to conduct an evaluation of the functionality and impact of the agile pilots in cooperation with the City of Helsinki.

The selected service providers must provide certificates of taxes paid, pension insurance policies and other insurance policies arranged, as required in The Act on the Contractor's Obligations and Liability.

Annex 1 describes the pilot-related materials that the selected service provider commits to deliver to the City of Helsinki and Forum Virium Helsinki.

The offers should be submitted by 18 August 2020 at 23:59 (EET).

Offers for pilots are submitted with the electronic form found on the website of Jätkäsaari Mobility Lab. The offer form and the materials related to the call can be found here:

https://mobilitylab.hel.fi/call-for-agile-pilots-2/

Selection and evaluation criteria

The expert jury of Jätkäsaari Mobility Lab evaluates the offers submitted by the deadline. Forum Virium Helsinki, the City of Helsinki, the Port of Helsinki and Jätkäsaari-Seura (local neighbourhood association) are represented in the jury.

The agile pilots will be evaluated on the basis of the following criteria: 1) Novelty and innovativeness, 2) feasibility, and 3) impact. The offers will be scored according to the criteria described below.

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Each criterion will be evaluated on a scale of 0-4 points. The highest possible total score of an offer is 12.

Scoring

0 p. minimum requirement not fulfilled
1 p. minimum requirement fulfilled
2 p. requirement fulfilled
3 p. requirement fulfilled well
4 p. requirement fulfilled excellently

Criteria

Novelty and innovativeness (0-4 p.)
- Service or product has true novelty value and is innovative
- Pilot creates new practices, solutions and perspectives to the topics described above
- Through the pilot, it is possible to create new meaningful knowledge for the use of traffic planning, urban planning and other key actors (including open data)

Feasibility (0-4 p.)
- The provider demonstrates that it has the necessary expertise and resources, and co-cooperation partners, implement the agile pilot
- The description of activities, schedules and resources indicates that the pilot can be implemented in a high-quality fashion and on schedule
- The service or product is user-oriented, and the plan to reach end users, and the plan for other communications in the pilot is described clearly

Impact (0-4 p.)
- The desired impact of the solution, and the way to demonstrate that through the pilot, is described clearly
- The service or product creates concrete solutions to topics described above
- It is possible to apply the solution in other environments and with other end-users and cooperation partners.

The offers receiving the best score will be selected for implementation. The offers that do not fill the minimum requirement on one or more criteria, will not be selected for implementation.

The expert jury reserves the right to not choose service providers.

Further information

Two info events will be organised regarding the open call: 23 June at 9.00-10.00 and 11 August at 14.00-15.00 (EET). The content of the two events is the same. The events will be organised online, and the link for participation will be published on the website of the open call: https://mobilitylab.hel.fi/call-for-agile-pilots-2/

Any questions regarding the open call should be sent in written form to janne.rinne@forumvirium.fi by 6 July 2020 (with the message title "Jätkäsaari Mobility Lab, agile pilots"). The questions and answers to them will be compiled and published in the website of the open call on 9 July 2020: https://mobilitylab.hel.fi/call-for-agile-pilots-2/.

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Forum Virium Helsinki

Janne Rinne
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Annexes

Annex 1. Information about agile piloting

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Annex 1. Information about agile piloting

Agile pilots in Jätkäsaari Mobility Lab

Agile piloting is a challenge-based model for experimenting with new services and technologies in a real-world urban environment with real end-users. Agile pilots in Jätkäsaari Mobility Lab respond to real mobility and traffic-related challenges in the West Harbour area.

Aims of agile piloting

Co-creation is an essential part of agile piloting. The solutions are developed together with the City representatives, companies, residents, research partners and other stakeholders. The objective is to learn from experimentation and to share learnings widely with different actors and networks.

For the City and other municipal actors it is crucial to gather learnings and results about the feasibility of new technologies and services in relation to the identified challenges, and to the development of activities in general. Agile piloting aims to create and share new knowledge and understanding, not to result in subsequent procurements or customership with the City.

For companies, agile pilots provide an opportunity to trial new solutions in a real-world urban environment with real end-users – thus creating a reference of the service or product being piloted.

What does Jätkäsaari Mobility lab provide?

Forum Virium Helsinki and Jätkäsaari Mobility Lab support companies in experimentation. The company receives support in the practical implementation of the pilots, finding end-users, planning and coordination, administrative issues and permits, documentation and communication. Forum Virium Helsinki supports cooperation with the key stakeholders.

The company may use existing available smart infrastructure and mobility data from the piloting area. The smart infrastructure investments will not be directed to individual agile pilots.

More information about Jätkäsaari Mobility Lab is found on website: https://mobilitylab.hel.fi/

What is required from the companies?

The company conducting the agile pilot commits to provide the following materials to the City of Helsinki and Forum Virium Helsinki. The procedure is planned to be light from the viewpoint of the company.

- Open data produced in the pilot
- Pre-info of the pilot: Basic information for the communication, goals and hypothesis of the pilot, implementation plan
- Public foreground: Basic statistics from the pilot, light assessment of mobility impacts (smoothness, safety and/or air quality), key results, and conclusions
- Company's experience of the pilot: report on the progress (mid-term report), end-report (end of pilot), post-assessment of the pilot (e.g. one year after the pilot)

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