

Pre-Commercial Procurement

Cities as large scale Internet of Everything labs

Hugo Tamagnini Gonçalves
Project coordinator
Forum Virium Helsinki

SELECT for Cities Challenge

“To design, prototype and pilot a platform capable of linking cities’ Smart infrastructure in order to allow for new IoE scalable products and services”

Prototypes piloted through Cities use-cases

Some urban challenges:

- Helsinki - City IoE service provisioning at Smart homes
- Antwerp - Managing city traffic congestion with Mobility RTI
- Copenhagen - Integrating IoT City sensor networks
 - real-time mobility
 - air quality



Who we are & project Factsheet

- Forum Virium Helsinki (FI):
Coordinator and member of the Buyers' group
- Københavns Kommune (DK): member of the Buyers' group
- Digipolis (BE): Lead procurer and member of the Buyers' group
- Stad Antwerpen (BE): City user
- iMinds (BE): Living Lab expert
- 21c (UK): Communication expert

**FORUM
VIRIUM
HELSINKI**



Duration:
Budget:

4 years
5.6 million EUR

Pre-Commercial Procurement (PCP)

... is the procurement of **research and development** of new **innovative solutions** before they are commercially available

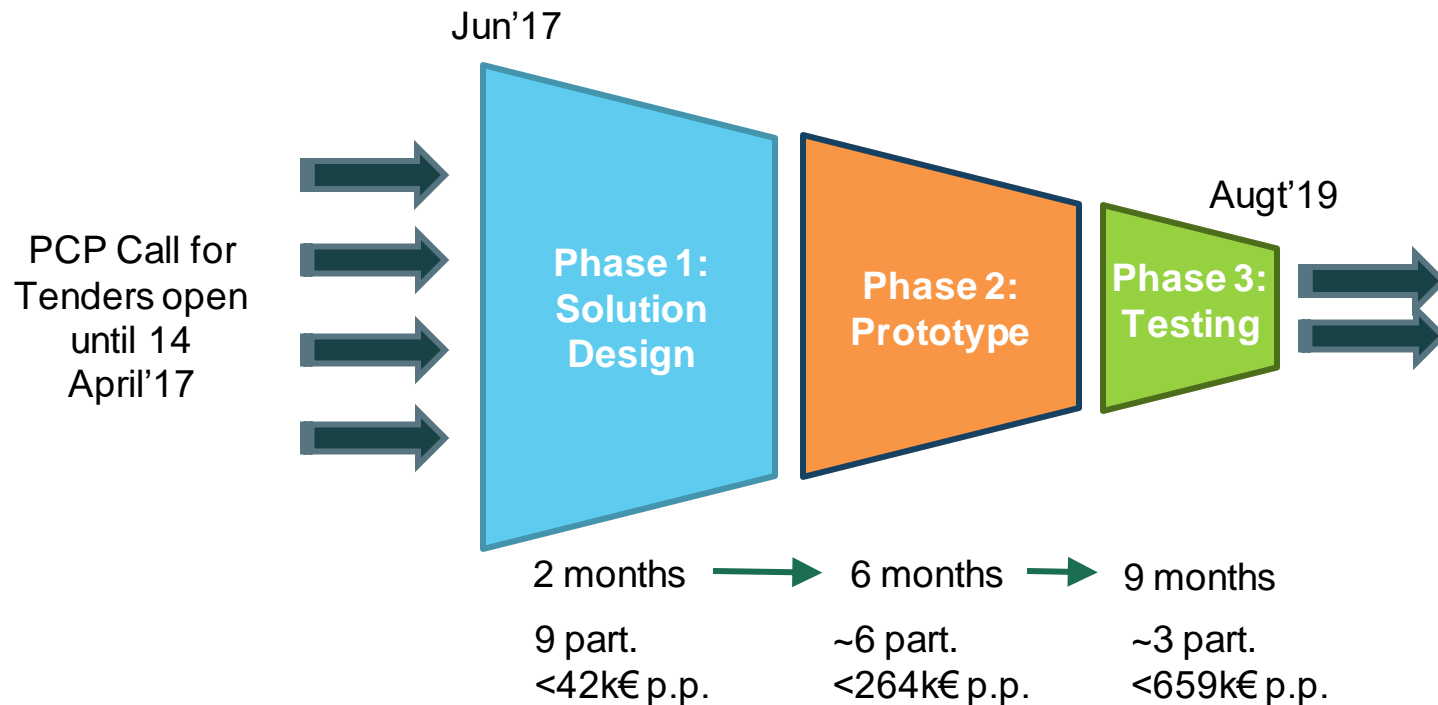
...R&D is **split into phases** (1) solution design, (2) prototyping, (3) testing of the prototyping

...with the number of **competing R&D providers** being **reduced after each evaluation phase**

Special legal framework Horizon 2020 ...exempted from the EU public procurement directives: procurers do not retain all the benefits of the R&D (IPR stays with the contractors)

PCP phases

Total PCP budget: ~4 Million EURO



Expected Outcomes per phase

Phase 1: Concept Design

Concept design & feasibility study (conceptual, technological, financial). This includes:

- how the platform will implement the different functional criteria,
- how the platform will implement the innovation
- how the architecture of the platform will meet the different quality criteria,
- First business model for future product commercial deployment

Expected Outcomes per phase

Phase 2: Prototype

Functioning prototype, a test roadmap, and a preliminary business plan

The development of the Prototype will be monitored closely by the Buyers Group through a number of monitoring and project progress meetings and briefings, during which the Contractor will present the current Prototype status and will receive feedback from the Buyers Group.

Expected Outcomes

Phase 3: Testing

Living Lab testing of the selected prototypes.

This approach requires Contractors to:

- Ensure their solution can be applied in different cities
- Show their solution is generic enough to support divergent use cases
- Demonstrate their solutions scale across Europe
- Prove they can manage real-life operations on this scale



Interested?
www.select4cities.eu



The SELECT for Cities team provides help and support to potential participants through a range of channels below:



Handbook

Provides an overview of the call for tenders procedure. Please note, the Pre-Commercial Procurement Handbook is **NOT** part of the Tender Document Pack and the information it comprises is for guidance purposes only and should **NOT** be regarded as a substitute for the information provided in the Tender Document Pack.



FAQs

Check out the SELECT 4 Cities FAQ page on this site which will be regularly updated during the call for tenders period.



Webinars

Register to join one of two webinars - 20 Feb & 24 March 2017 - and have an opportunity to ask questions directly to the City buyers group.

Email

Send your questions directly to the cities before 20 March 2017 by emailing: Ask_select4cities@digital.polis.be please put Ref A000429 in the subject line.



Matchmaking Tool

Find another company for collaboration by checking out [SELECT for Cities database](#) of organisations seeking partners specifically for this tender opportunity.



e-Tendering Support

Information about the electronic submission of Tenders is found in the Tender Pack document **TD1 Request for Tenders, Appendix 3 – Electronic submission of the SELECT for Cities Tender.**

Further support for using the e-Tendering platform is accessed [here](#) or call the e-Procurement help desk on +32 (0)2 790 52 00.

**Thank you for your
attention!**

