How to enable innovation in the public service

OASC Workshop Releasing the Power of Procurement - 2/5/2019
Karin Goedheid, Digipolis
How innovation can enter the public sector

The current state of innovative procurement.
Pros and cons of experiments, pilots etc.
→ scale up potential?
→ sustainability?

4 City of Antwerp cases, managed by Digipolis:
• PCP SELECT4Cities
• BfS@Digipolis
• Synchronicity pilots
• Antwerp Circular South
City of Antwerp - Digipolis

Digipolis is the joint IT-organisation and the dedicated ICT-partner of the cities of Antwerp and Ghent. It is a governmental, non-profit organisation, established by the two City Councils.

More information:
https://www.digipolis.be/
https://antwerpen.digipolis.be/en
Pre-Commercial Procurement

Our first encounter with Innovative Procurement / Procurement of Innovation

- Promising views and foundations
- Promoted and co-funded by EU
- International co-creation/cooperation

Framework and legal restrictions
- lead time
- budget/cost
- national legislation
- fixed award criteria
- no scale up potential (= new procedure)

SELECT for Cities has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 688196.
#BuyFromStartups@DigipolisAntwerp

Based on:
PCP & Negotiated procedure without prior publication

- Phased approach
- Manageable projects (≤144K)
- ACPaas EA
- Quadruple Helix IT Tech ecosystem
- MVP rewarded
- IPR on the table
Partnering with startups?

Read: entrepreneurship - innovation - creativity - flexibility - velocity - scale-up potential

😊 Fresh ideas & creativity
😊 Unexpected & innovative solutions
😊 Fast and lower cost
😊 Flexible & agile
😊 Inspirational for all parties
😊 Stepping stone to other (local) governments

‼ Limited time to prepare offer
‼ Startups deliver part of the solution
‼ Less capacity for simultaneous assignments
‼ What if startup disappears?
‼ Startups not focused on support
Synchronicity

49 IoT- and AI-enabled services based on the cities’ needs launched in 18 cities

Common technical ground = Minimal Interoperability Mechanisms (MIMs)

🌞 input for policy
🌞 validation of framework and global standards
☁ roll out of services? scale up potential? viability?

This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 732240
Antwerp Circular South

Position circular behaviour as a community challenge for the New South realty project, a newly created neighbourhood in Antwerp

Piloting of online and offline solutions

- Behavioural nudging
- Smart energy exchange
- Reuse of materials
- Blockchain-based system for online rewarding. Built by consortium and via #BuyFromStartups (cfr. investment budget)

Urban Innovative Actions is an Initiative of the European Union promoting pilot projects in the field of sustainable urban development.
Startup ecosystem

- Publication of *manageable* challenges
- Social media campaigns
- Lean & mean procurement procedures
- Innovative technological biotope
- Mutual inspiration & knowledge exchange
- Coaching of startup companies