

# 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.*

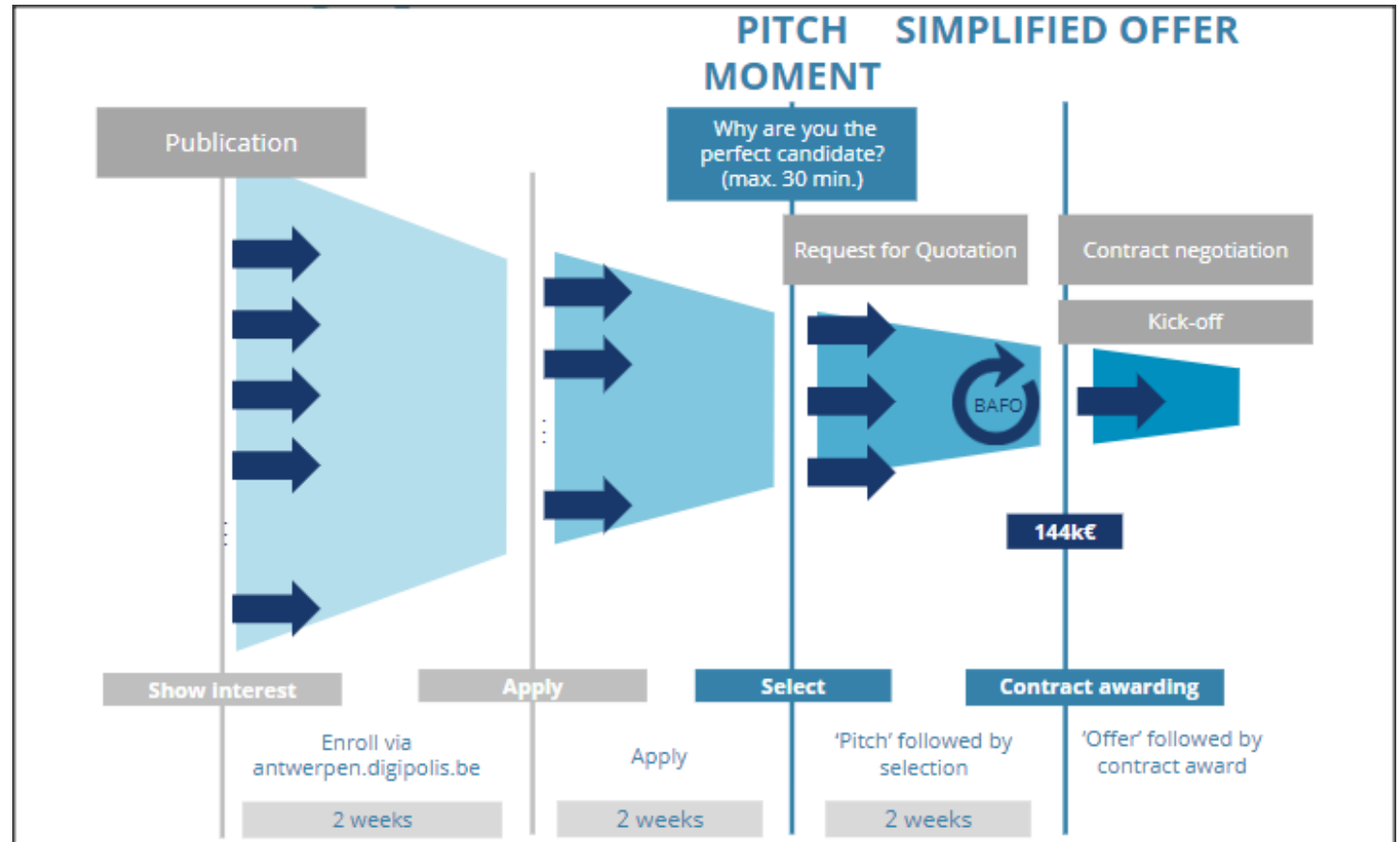


# #BuyFromStartups@DigipolisAntwerp

## Based on:

PCP & Negotiated procedure without prior publication

- Phased approach
- Manageable projects ( $\leq 144K$ )
- [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

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)

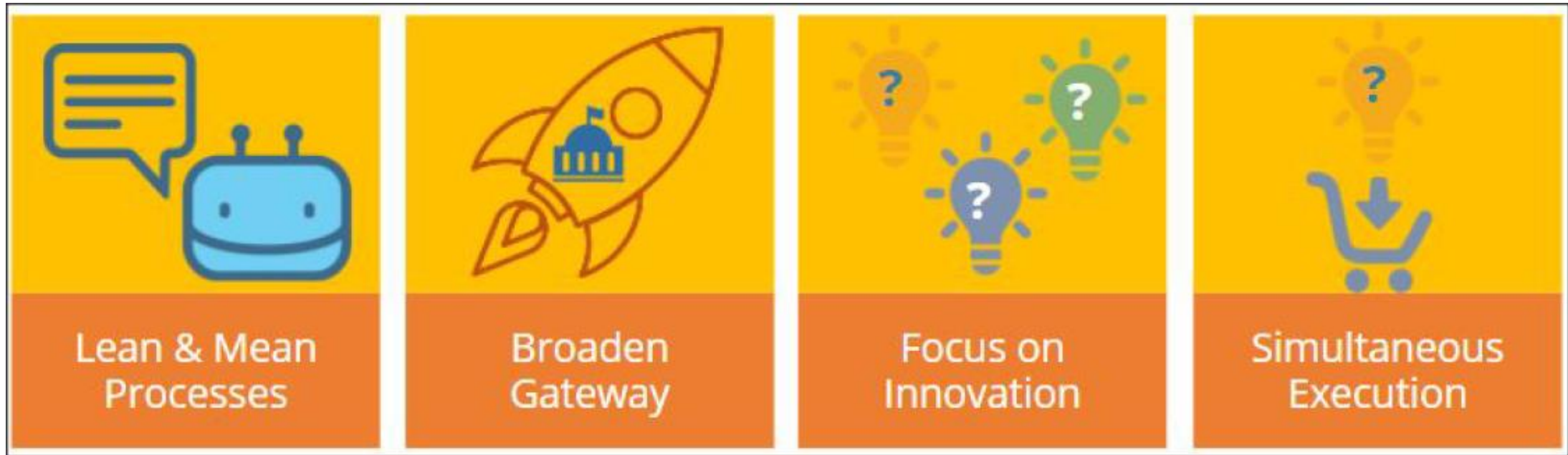


*Urban Innovative Actions is an Initiative of the European Union promoting pilot projects in the field of sustainable urban development.*





# Startup ecosystem



- 🔗 Publication of *manageable* challenges
- 🔗 Social media campaigns
- 🔗 Lean & mean procurement procedures

- 🔗 Innovative technological biotope
- 🔗 Mutual inspiration & knowledge exchange
- 🔗 Coaching of startup companies