

AMSTERDAM'S STARTUP-IN-RESIDENCE PROGRAMME CONNECTING STARTUPS TO URBAN CHALLENGES

INTERREG EUROPE WEBINAR ON **HACKATHONS AND CHALLENGE PRIZES**
17 MAY 2023

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Presentation based on research carried out with the support of the **Regional Studies Association (Fellowship Grant FeRSA)**
A summary report is available here: <https://regions.regionalstudies.org/ezone/article/can-startups-solve-urban-sustainability-challenges/>

SETTING

Beyond the hackathon: how to benefit from the energy and the ideas in a more structured and effective innovation process?

Features:

- Challenge-based: “mini-missions”
- Public procurement of innovation with a buying option vs. off-the-shelf solutions
- Startups: innovators, risk-takers, flexible business models



Startup in Residence



Clean municipal trucks

Come up with an innovative solution to make the municipal's (garbage) vehicles emission-free



Sustainable municipality

Come up with an innovative solution to make the municipal organisation more sustainable



Connect citizens to gas-free living

Come up with an innovative solution for interaction between Amsterdammers and the municipality about gas-free living in Amsterdam.



Heat for later

Find an innovative solution to capture or utilise heat locally (for example, from surface water, air, soil or bricks)



Collect commercial waste over water

Develop a smart solution for waste collection using the waterways for transportation



Entice locals to compost

Develop an innovative solution for local organic waste collection and processing



Green deliveries & waste collection for businesses

Come up with a smart solution for cleaner and more efficient deliveries and waste collection for businesses



Trees in need

Develop an innovative solution to enable trees to 'express their needs'



Green up our car parks!

Come up with an innovative solution to use the municipal car parks for more sustainable purposes



Clean & green energy

Come up with an innovative solution to embed clean energy in the Amsterdam cityscape



Green homeowners' association

Find a solution to make it easier for the members of homeowners' associations to make their homes sustainable



Arena's circular trash

Develop an innovative solution to improve waste sorting and processing in and around the Johan Cruijff ArenA



No waste in this household!

Come up with an innovative solution that motivates residents to recycle their household waste



Sustainable sports city

Come up with an innovative solution to connect sport and sustainability during EURO 2020 and beyond



Food from the hood

Find an innovative solution that brings local food producers closer to Amsterdam consumers



GreenPee's 'liquid gold'

Find a solution to use collected urine in the local circular economy

PROCESS

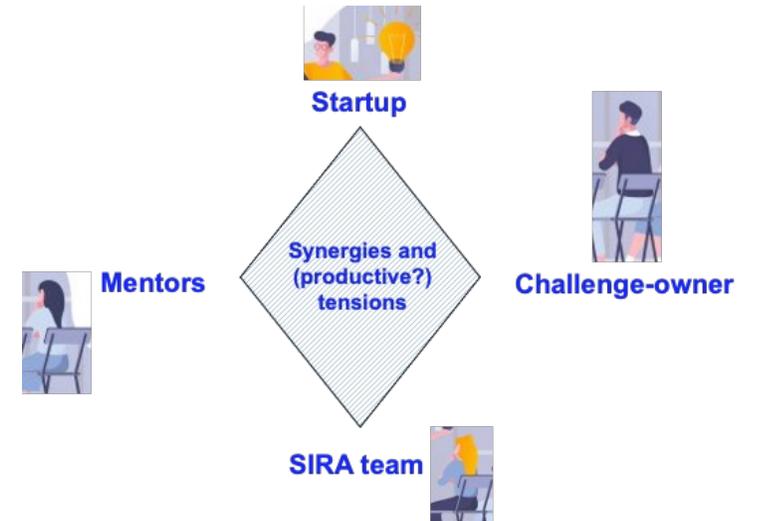
Stage 1: challenge identification

 <p>Clean municipal trucks Come up with an innovative solution to make the municipal's (garbage) vehicles emission-free</p>	 <p>Green up our car parks: Come up with an innovative solution to use the municipal car parks for more sustainable purposes</p>
 <p>Sustainable municipality Come up with an innovative solution to make the municipal organisation more sustainable</p>	 <p>Clean & green energy Come up with an innovative solution to embed clean energy in the Amsterdam cityscape</p>
 <p>Connect citizens to gas-free living Come up with an innovative solution for interaction between Amsterdammers and the municipality about gas-free living in Amsterdam.</p>	 <p>Green homeowners' association Find a solution to make it easier for the members of homeowners' associations to make their homes sustainable</p>
 <p>Heat for later Find an innovative solution to capture or utilise heat locally (for example, from surface water, air, soil or bricks)</p>	 <p>Arena's circular trash Develop an innovative solution to improve waste sorting and processing in and around the Johan Cruijff ArenA</p>
 <p>Collect commercial waste over water Develop a smart solution for waste collection using the waterways for transportation</p>	 <p>No waste in this household! Come up with an innovative solution that motivates residents to recycle their household waste</p>
 <p>Entice locals to compost Develop an innovative solution for local organic waste collection and processing</p>	 <p>Sustainable sports city Come up with an innovative solution to connect sport and sustainability during EURO 2020 and beyond</p>
 <p>Green deliveries & waste collection for businesses Come up with a smart solution for cleaner and more efficient deliveries and waste collection for businesses</p>	 <p>Food from the hood Find an innovative solution that brings local food producers closer to Amsterdam consumers</p>
 <p>Trees in need Develop an innovative solution to enable trees to 'express their needs'</p>	 <p>GreenPee's 'liquid gold' Find a solution to use collected urine in the local circular economy</p>

Stage 2: startup selection



Stage 3: 6-month in-residence



- Dialogue with city departments and public agencies
- Optimal scope for the challenges

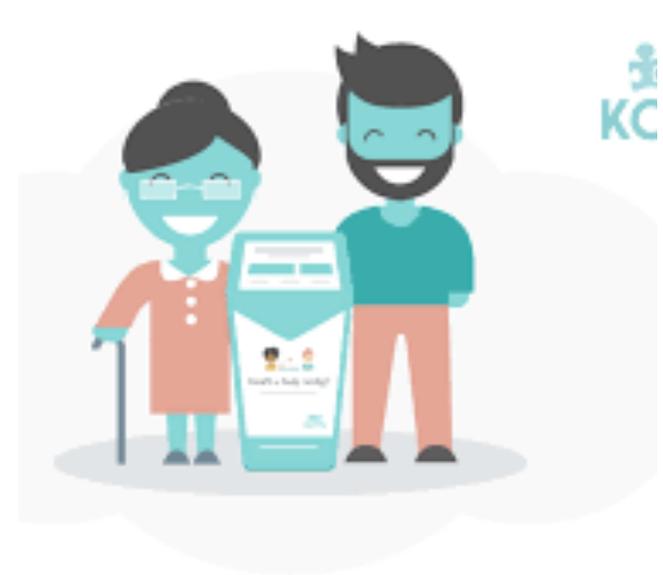
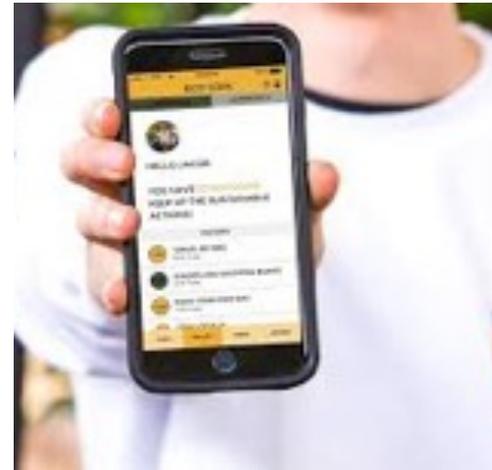
- Reduce cognitive distance
- Idea: “good” for city & startup

Development & learning cycles | Shaping visions & expectations | Weekly follow-up & conflict management | Training | Seed funding | Resource access: infrastructure, stakeholders, users, “brand”



**BOOM
BRIX**
Climate Action Company

**The Great
Bubble Barrier**
from Amsterdam that is saving
the waters from plastic



HIGHLIGHTS

1. Mobilizing entrepreneurial forces vs. pure hobbyism
2. Formal commitment and challenge-owners vs. loose relations
3. Co-creation in special purpose ecosystems, driven by local challenges
4. Systematic maturation, experimentation and evaluation vs. a 2-day effort
5. Seed funding and resources during a process vs. a prize afterwards

THANK YOU

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