SMART CITY
CHALLENGE
LEIPZIG

Digital City Unit Leipzig – „Smart City Challenge Leipzig"

www.digitalcampus-leipzig.de

Smart City Challenge Leipzig – idea

- The City of Leipzig organizes an annual innovation competition with the title „Smart City Challenge Leipzig".

- Founders, start-ups, students and established ventures are called upon to find innovative digital solutions for predetermined questions and challenges in the areas of civil society and municipal administration.

- The competition is realised in cooperation with the Smart City Infrastructure Hub Leipzig and fits seamlessly into the existing activities of Leipzig's start-up ecosystem.

- For each challenge, three submitted solutions and ideas from start-ups are selected to be further developed with the municipality. Afterwards the best of these three ideas will be implemented and practically tested.

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Smart City Challenge Leipzig – ecosystem
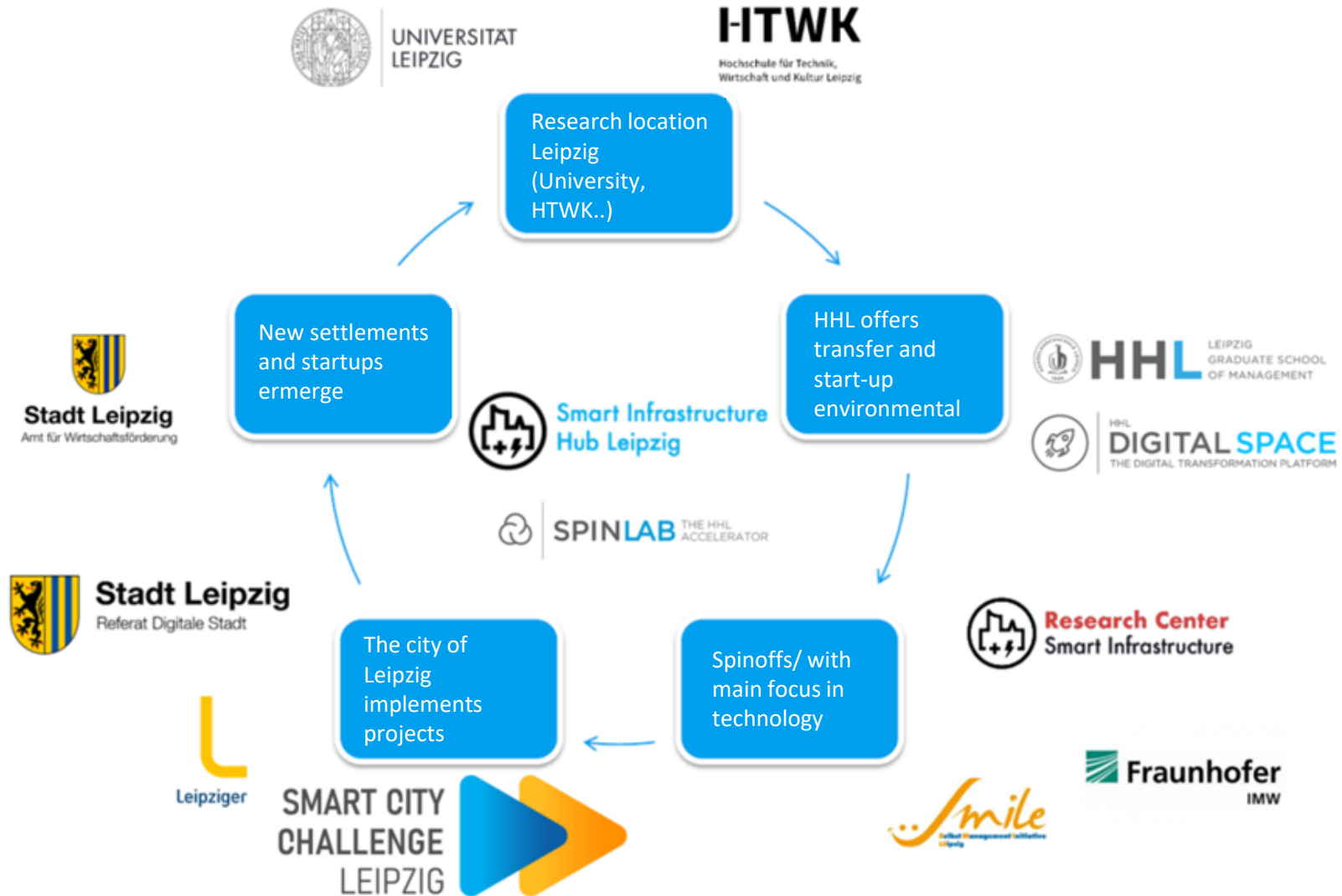
Smart City Challenge Leipzig – process

Call for competition	Development phase	Implementation phase
3 challenges	3 ideas each challenge	1 idea each challenge
2 month	2 month	6 month

The competition takes place in several steps:

- Launch of challenges and call for competition open for 2 month

- Evaluation of the ideas and selection of the **3 best ideas** per challenge for the development phase. Each applicant selected will receive 2.000 EUR (gross price) for the qualification and further development of the proposed solution.

- Development phase includes workshops with start-ups to clarify Framework conditions and requirements e.g. design, interfaces, legal requirements and data protection regulations to be adhered

- Presentation of the further developed ideas at the pitch event and selection of the **best idea per challenge** for 6-month implementation phase. For this, a budget of max. 25.0000 EUR (gross price) is available.

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Smart City Challenge Leipzig - added value and topics 2022

Added value of the InnovationCompetition	
City Administration	**Economy/Start-ups**
▪ Opening of the administration for digital innovation	▪ Possibility of practical testing of ideas and business models with administration
▪ Implementation and practical testing of pilot projects with and within the administration	▪ attractive environment for innovations (attractive location for start-ups)
▪ Making the administration more open to digital innovations and promoting the digital transformation "Digital Mindset"	▪ Synergies and impulses for joint cooperation and projects between established companies and start-ups

- ▪ **Topics 2022:**
  - ▪ "Sustainable mobility bonus for Leipzig"
  - ▪ "Digital metering, monitoring and low-threshold information for users of public buildings".
  - ▪ "Leipzig Municipal Libraries: Online Ordering system for class sets and media boxes".

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2022

Sustainable mobility bonus for Leipzig

- Challenge of the Sustainable Development and Climate Unit & Transport and Civil Engineering Office.

- How can innovative digital solutions create incentives for Leipzig citizens to use sustainable forms of mobility?

- We are looking for an app for all types of mobility that determines the ecological footprint and a personal mobility bonus from the respective mobility behavior.

- Anonymized mobility data should be made available to the city as an additional source for mobility planning.

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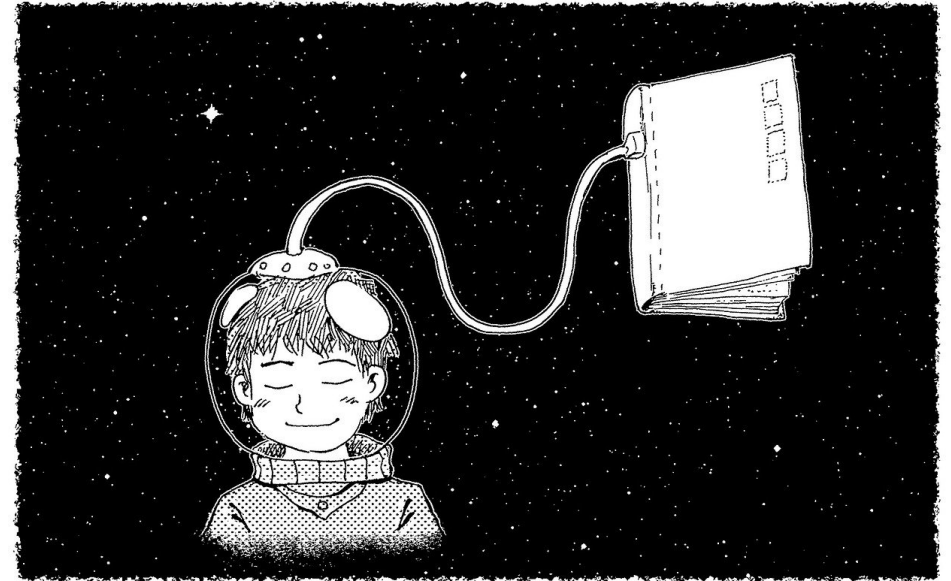In Kooperation mit: Smart Infrastructure Hub Leipzig

Digital metering, monitoring and low-threshold information for users of public buildings

- Challenge: Office for Facility Management and Stadtwerke Leipzig

- How can a comprehensive digital recording of meter readings and consumptions, a further automation of monitoring including a target group oriented provision of consumptions, greenhouse gas emissions and energy costs for user sensitization be achieved?

- The expected result is a concept for a solution to be implemented jointly between the City of Leipzig and the Stadtwerke for the digital recording of meter data, including a target group-oriented information provision in form of an online portal.

SPARCS

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Online Ordering system for class sets and media boxes

- Challenge of the Leipzig Municipal Libraries

- Which digital solutions can be used to make the order management of media boxes and class sets transparent, appealing, and reliable in planning for educators and teachers?

- The current inventory includes about 120 class sets and 60 media boxes with about 10,000 copies

- An effective and secure digital solution is being sought to make the selection and **ordering system transparent, viewable, and informative** for educators.

Smart City Challenge 2022 – timeline and selection

Kick-off Pitch
09. – 13.05.2022

Pitch event
11. – 15.07.2022

Final Pitch SCC 2022
Launch SCC 2023
January 2023

Evaluation & selection
19.04. – 06.05.2022

Deadline
08.04.2022

Further development phase
09.05. - 08.07.2022

Implementation phase
July 2022 – January 2023

Call for competitions

3 Challenges

2 month

Development phase

3 ideas per challenge

2 month

Implementation phase

1 idea per challenge

6 month

- Evaluation criteria stage 1 - development phase

  - Idea/ degree of innovation

  - Realization potential of the pilot project

  - Understanding the task

  - Team

  - Overall impression

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Smart City Challenge Leipzig – experiences and lessons learned

+ procurement and implementation without detailed service description and therefore many new approaches and ideas came up

+ co-creation between municipal partners and start-ups within development phase changed the culture of cooperation (digital mind set)

+ start-ups willing to successfully implement the project, new understanding of cooperation compared to project with large enterprise were you are only one customer under hundreds

- misunderstandings between ideas presented by start-ups in the pitch event and expectations of challenge providers

- main obstacles resulted in case external partners necessary to be involved

- COVID 19 restrictions as important meetings or work sessions could be held face to face

- start-ups had some problems e.g. by staff turnover
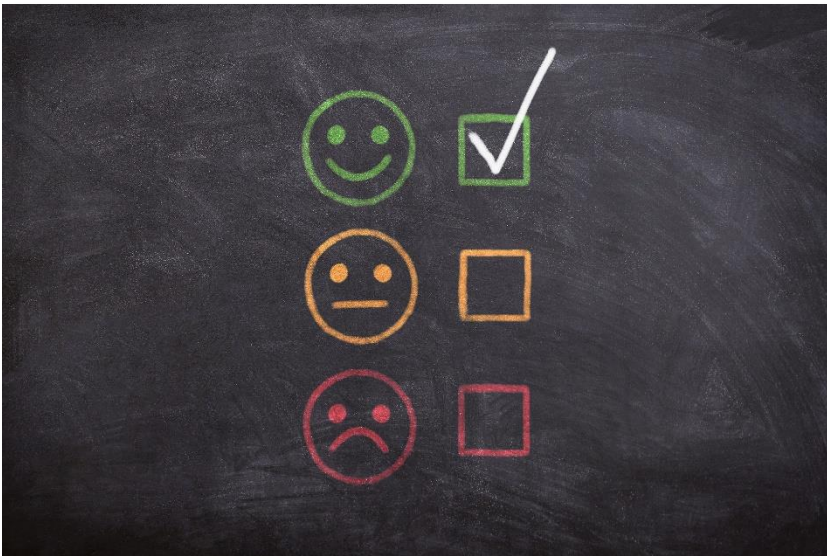
Thank you for your attention!

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Referat Digitale Stadt

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