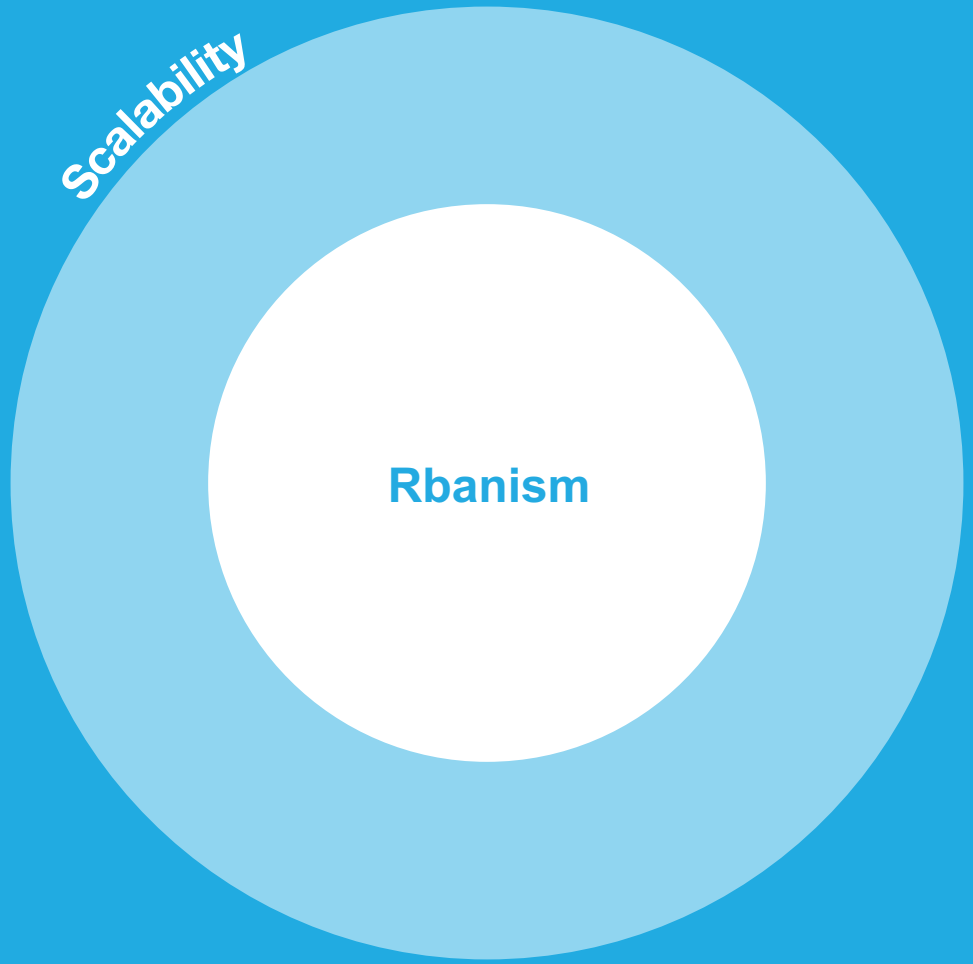

Scalability
Rbanism

Rbanism

Building digital competence for reproducible, automated and scalable research in the urbanism research community

Scalable GIS workshop

22 May 2023

Claudiu Forgaci
Asst. Prof. of Urban Design & Analytics
Section of Urban Design, Department of Urbanism
Faculty of Architecture and the Built Environment
Delft University of Technology

TU Delft Department of Urbanism
BK Bouwkunde

TU Delft | Library

netherlands eScience center

OSCD
Open Science Community Delft

Rbanism

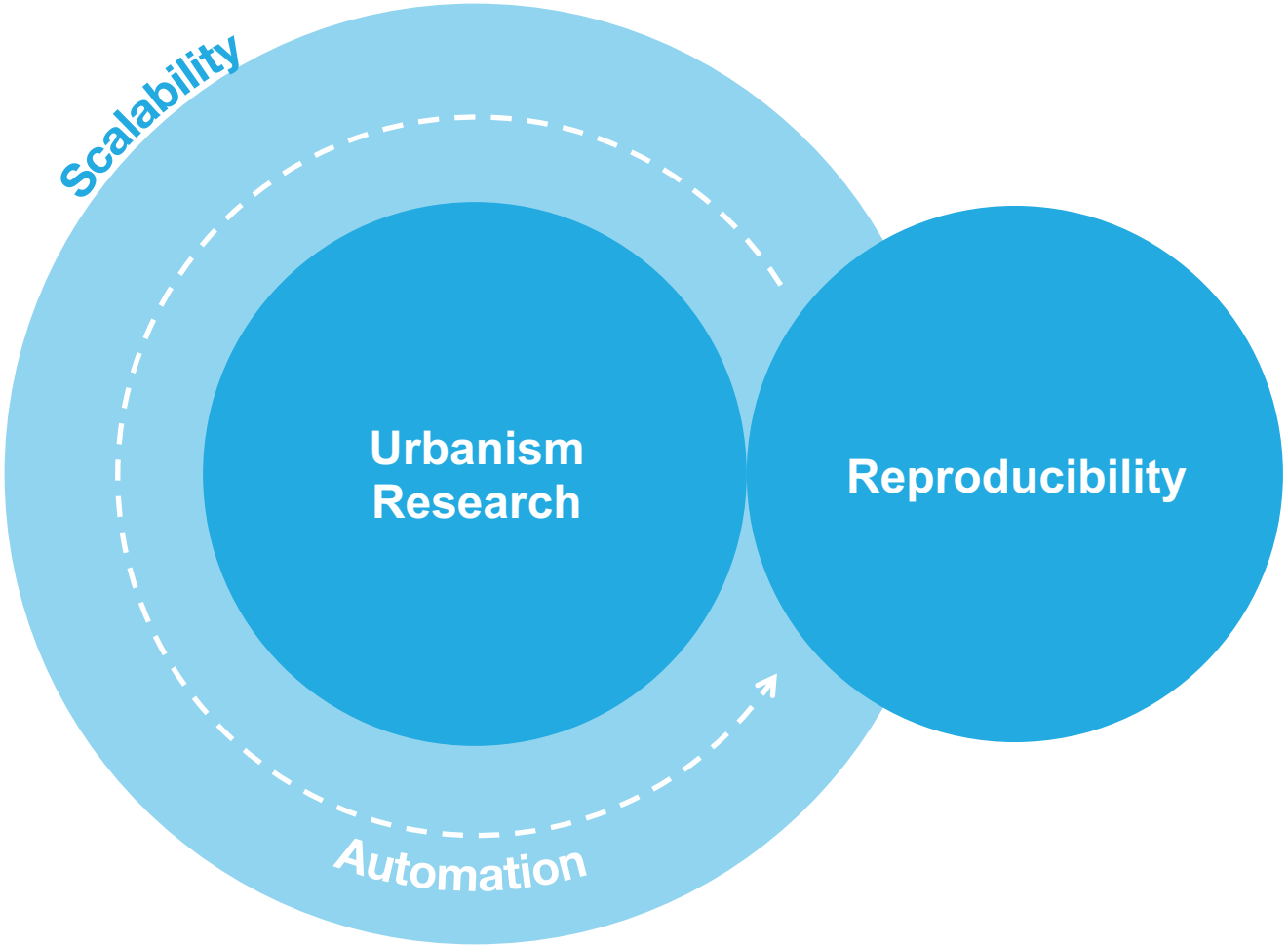
Challenges

Challenges in the urbanism research community

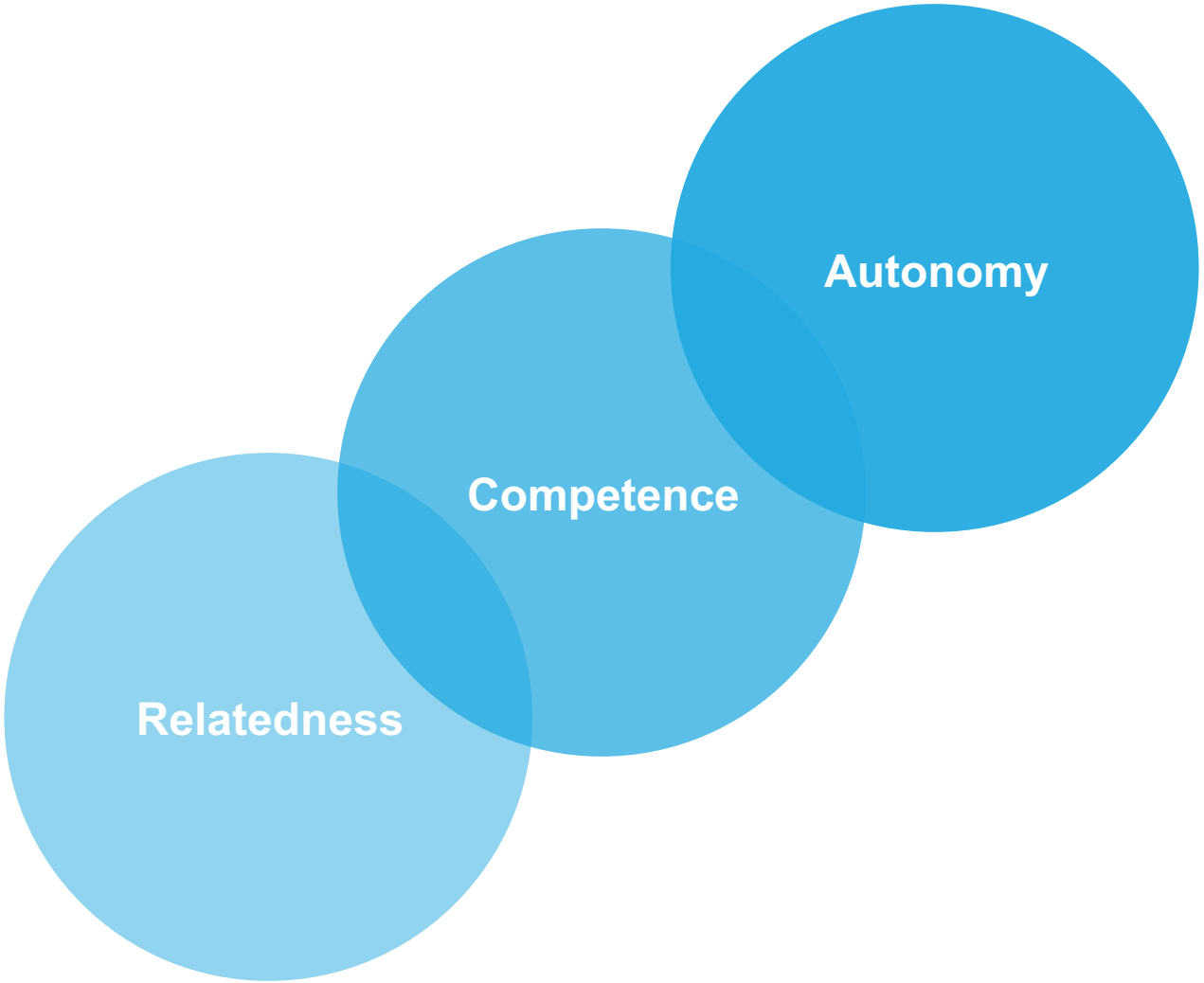
1. Limited awareness of state-of-the-art digital technologies
2. Scarcity of scientific computing and data science skills
3. Scarcity of computational thinking and software management skills

Approach

1. Improving awareness

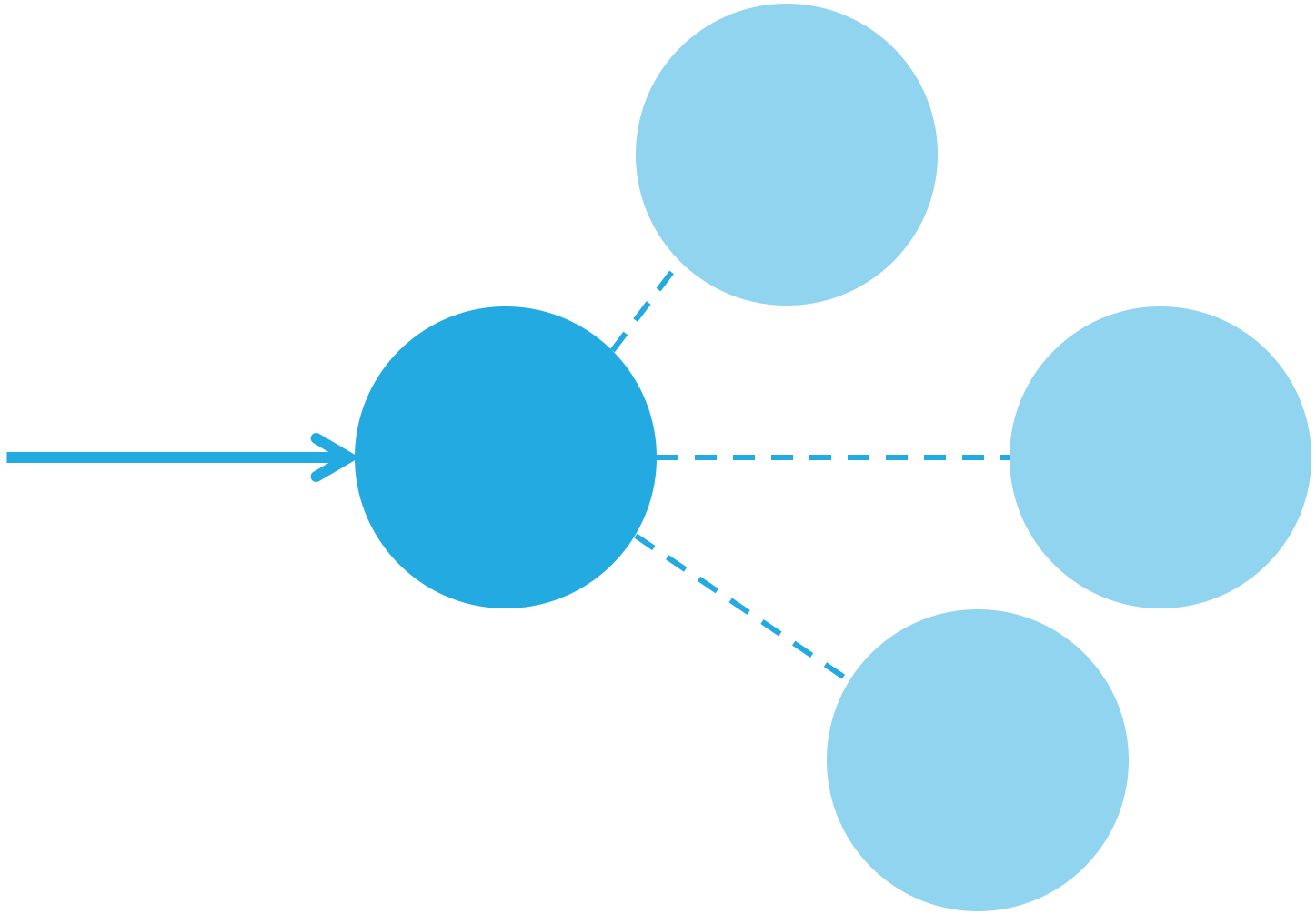


2. Stimulating engagement



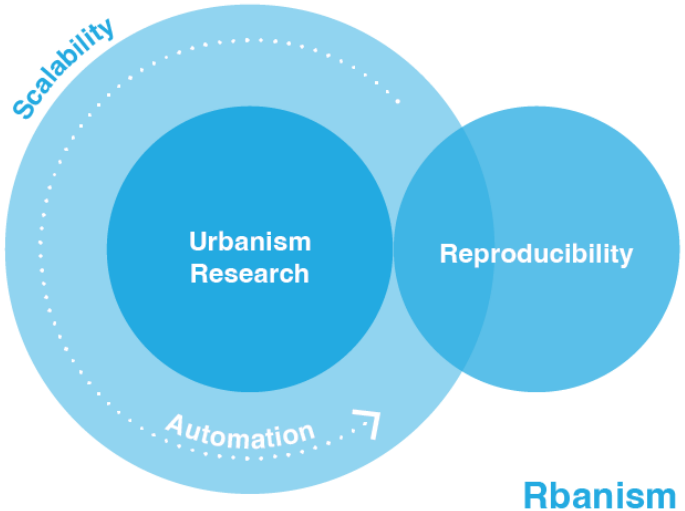
Based on Self-Determination Theory (see Niemiec & Ryan, 2009)

3. Building capacity



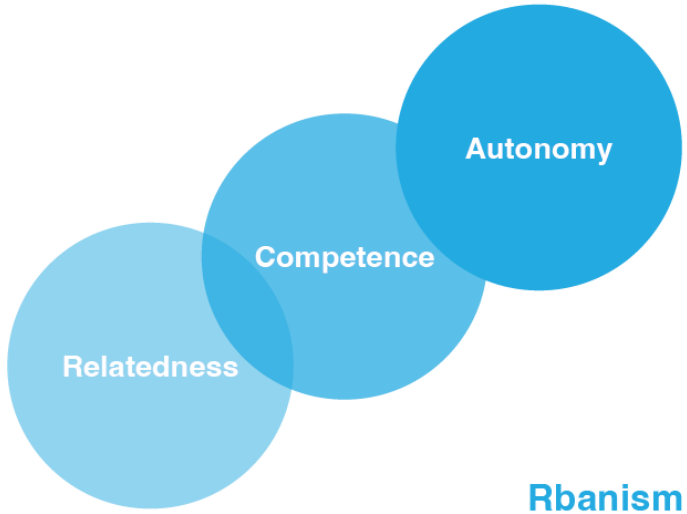
Rbanism

Empowering the urbanism research community to use research softwere effectively and with confidence.



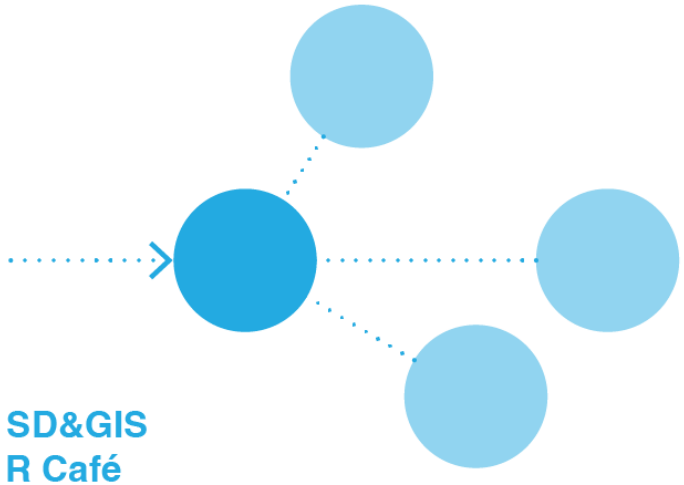
Rbanism Workshops

Improving Awareness



Rbanism Challenges

Stimulating Engagement



SD&GIS
R Café
Carpentries

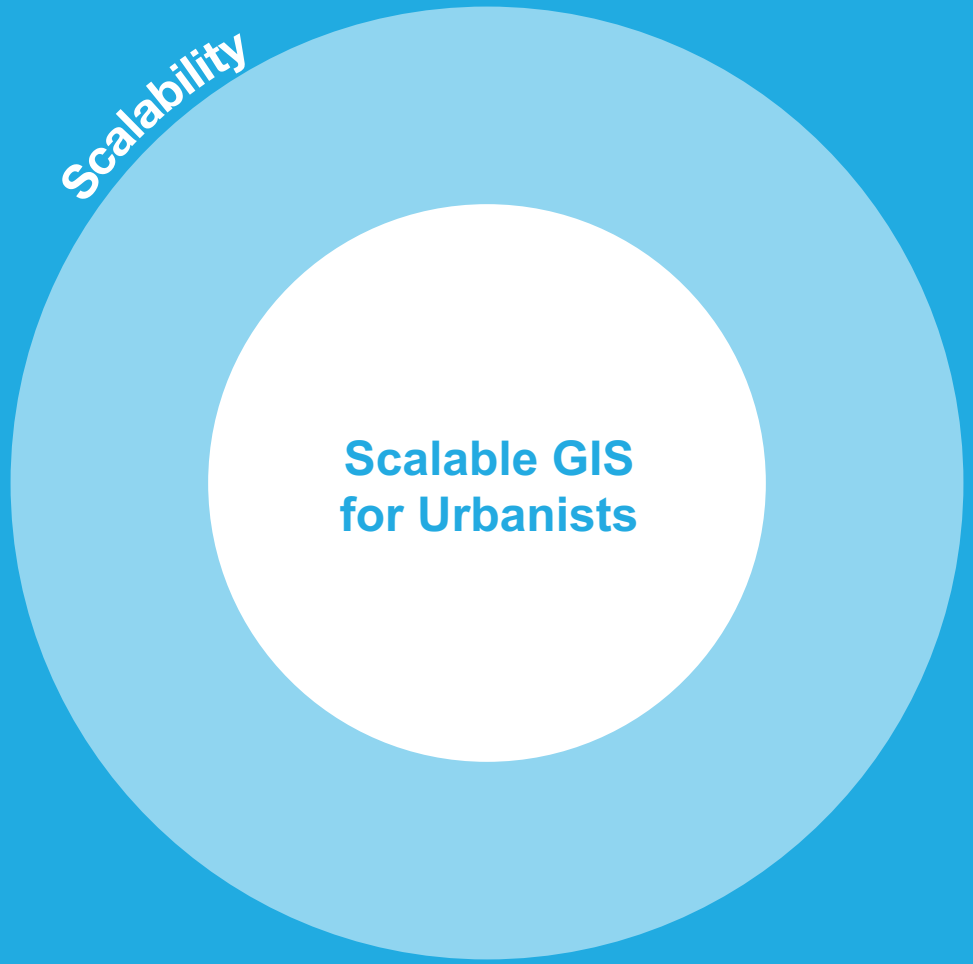
Building Capacity

Activities

Workshops

Challenges

Supported by
Netherlands eScience Center
Open Science Community Delft
TU Delft Library & Digital Competence Centre


Scalability
Scalable GIS
for Urbanists

The Scalable GIS challenge

1st Prize: €400 + 2 mentoring hours
2nd Prize: €300 + 4 mentoring hours
3rd Prize: €100 + 6 mentoring hours

Upcoming events

- **CHALLENGE: Scale Up!** starting on Mon 22 May 2023!

- **WORKSHOP: Geospatial Data Carpentry with R**, Mon 5 & Tue 6 June 2023, 9:00-17:00, TU Delft Library. Registrations are open for researchers at TU Delft: https://www.eventbrite.com/e/596933122037

- **Rbanism community event**, Thu 8 June 2023, 16:00-19:00, TU Delft Campus, open to all community members who can attend in person and partially in a hybrid format.

Rbanism

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Become a member: