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How to set up city-led urban innovation systems?

From project to platform

The purpose with WP 6: establish Urban Innovation Platforms (UIP

6.1   *To establish Innovation platforms that will build capacity and a forum for working with urban innovation and upscaling Smart solutions*

- Establish a organisational structure and a working practice that last after 2021
- Build capacity on three levels: individual, group and organisational
- Handle the tension between innovation (creative and developmental learning) and upscaling (adaptive learning)
- Take local context into considerations.

Upscaling smart solutions

The emergence of a set of new practices learned from practical experiments, with corresponding new structures and cultural elements (Kemp and Grin 2009)

Naber et al. 2017:

1) **Growing** (the demonstration continues with more actors);

2) **Replication** (similar demonstrations take place on different locations);

3) **Accumulation** (links are established to other demonstrations and experiments);

4) **Transformation** (the demonstration shapes wider technological, institutional, cultural, and organizational changes)

Westley et al. (2014) har :

1) **Scaling up**

2) **Scaling out**

3) **Scaling deep**

4) **Scale jumping**

Multi-Level Perspective (Geels 2002)

Three levels: niche, regimes, and landscapes

- Niches are embedded with regimes. Regimes are embedded within landscapes, (dominated socio-technical system).

- Landscapes change very slowly, and changes affect actors within regimes and niches. Regimes often change incrementally. More radical changes can take place at the level of niches.

- Social network building, articulation of visions, and deep and reflexive learning processes (Geels 2004).

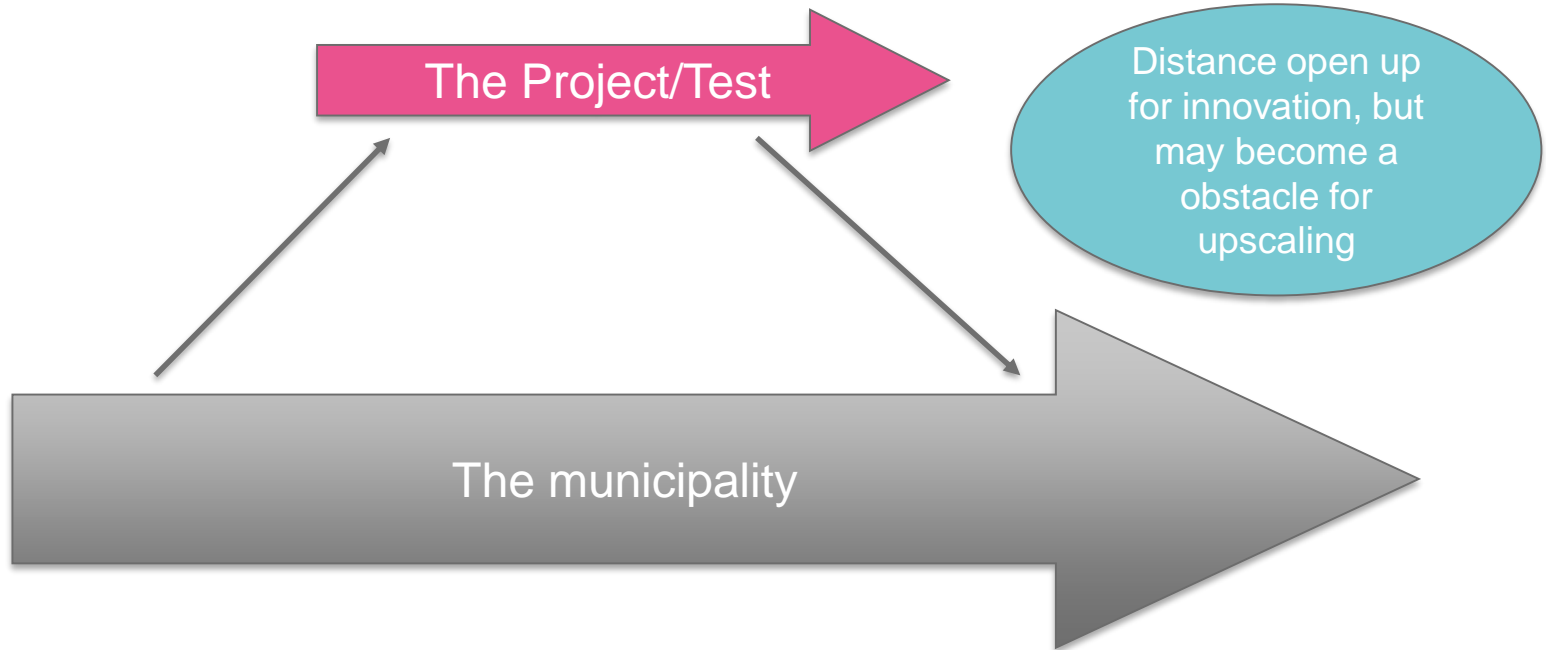# Collaborative Innovation Networks (CoIN) (Torfing 2016)

- Peer-to-peer
- Depends on trust and the members' ability to self-organize.
- Members gain authority based on skills and previous experience, not their position in an organizational chart

- CoIN are particularly valuable for supporting the two more complex forms of upscaling, **accumulation** and **transformation**.

- CoIN could link similar experiments through joint projects, so experience from one demonstration project **could be translated** and scaled up through **co-management** and **co-production of knowledge**
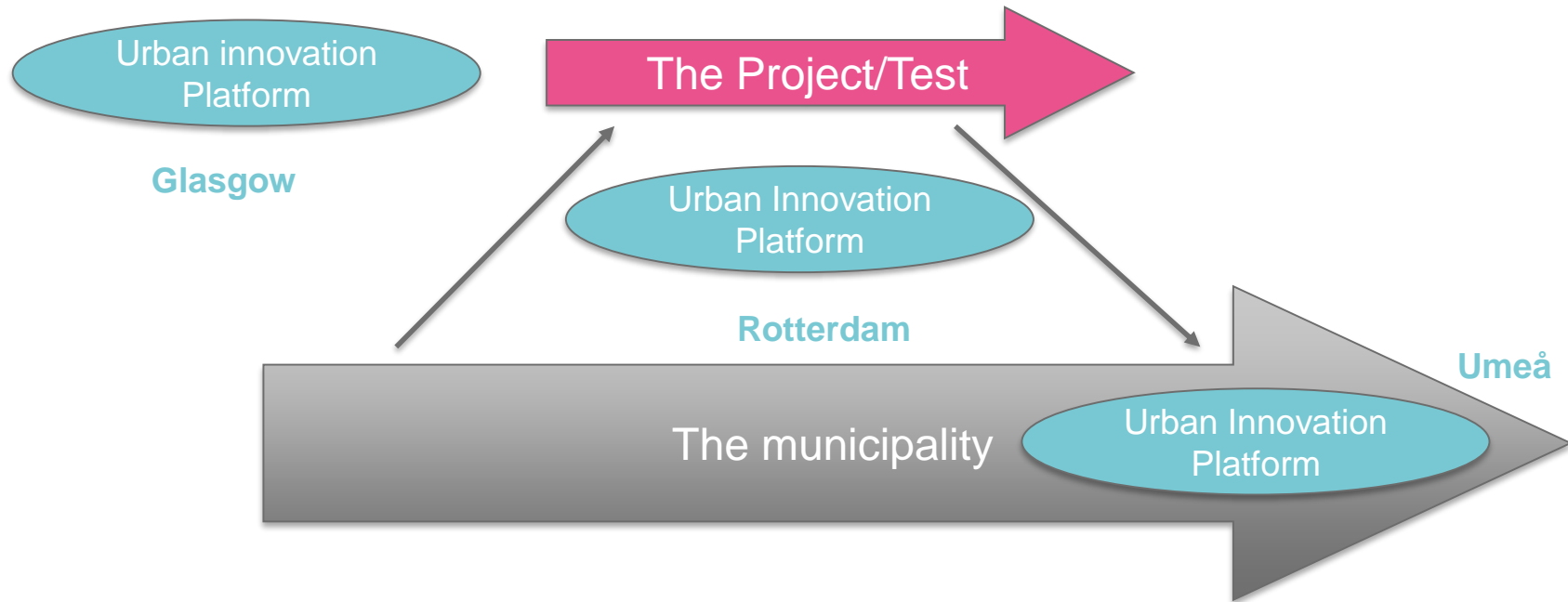
The Innovation Paradox – distance vs. adaption

The Project/Test

Distance open up for innovation, but may become a obstacle for upscaling

The municipality

The Innovation Paradox – where should the platform be…?

Urban innovation Platform

Glasgow

The Project/Test

Urban Innovation Platform

Rotterdam

Umeå

The municipality

Urban Innovation Platform

Urban development are slow – technical development are fast…

"The smart solutions we identified and chose in 2016 are in many cases outdated today"

Planner, Municipality of Umeå

Urban obduracy (Hommels 2008)

Innovation – especially technical innovation - is fast. Infrastructure are slow….
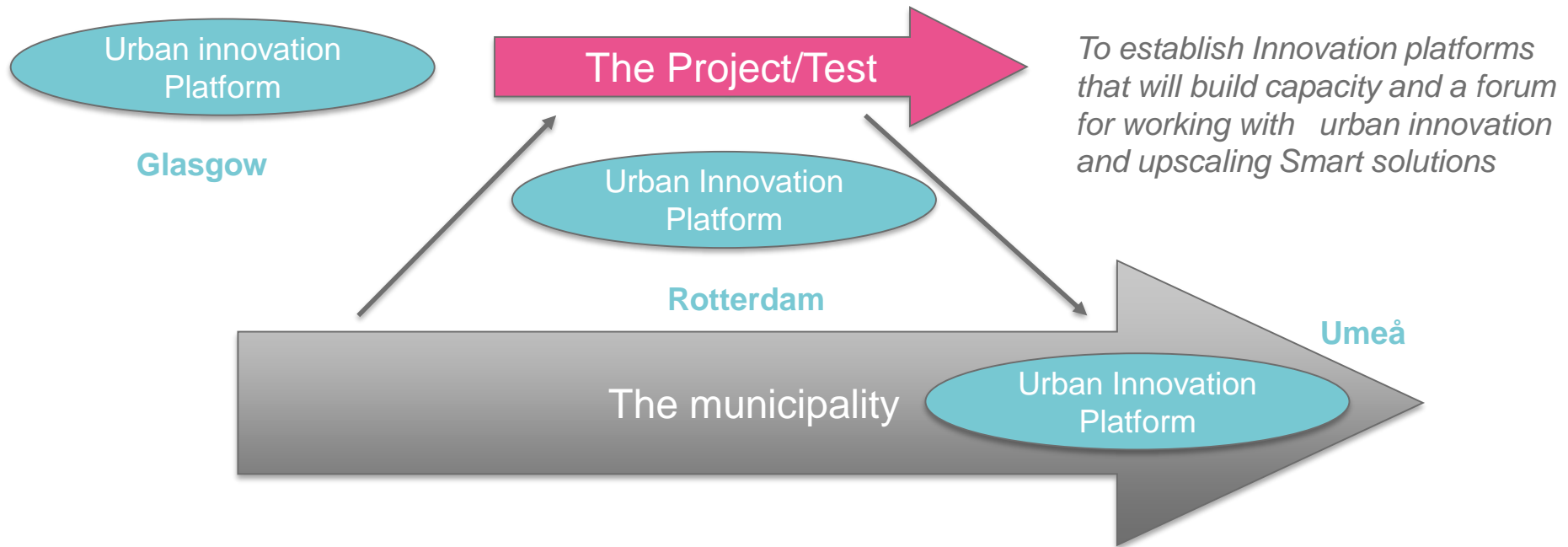
The future city are already built – the city of today will be the city of tomorrow.

Existing infrastructure often block both growing, replication, accumulation and transformation

How could smart solutions have a dialog with exiting infrastructure….?

The Innovation Paradox – where should the platform be…?

Urban innovation Platform

Glasgow

The Project/Test

To establish Innovation platforms that will build capacity and a forum for working with   urban innovation and upscaling Smart solutions

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The municipality

Urban Innovation Platform

Designing smart, resilient cities for all

RUGGEDISED

Vision and goals

Should the main focus be innovation or translation?

Participation and collaboration

To what extent could municipalities form the landscape and support upscaling?

The innovation paradox
Urban Obduracy
Upscaling and learning
Can municipalities affect the landscape?

Voluntary collaboration or employees?

Organization

How "close" to the rest of the organization should an UIP be?

Resources

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