Scaling up & Replication of Smart City and Community Plans

EIP SCC Action Cluster Meeting - 20 June 2017 - Brussels

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Events, workshops and sessions dedicated to Scaling Up and Replication of SCC Plans

Date	Place	Event	Session Title
26 Oct 2016	Brussels	Launch of JPI UE's Stakeholder Involvement Platform	Increasing Impact by leveraging local practices
16 Nov 2016	Barcelona	Smart City Expo	Accelerating Urban Transition Tapping the full potential of Smart City and Community Pilots
22 Nov 2016	Brussels	EIP SCC Action Cluster Meeting	Scaling up & Replication of Smart City and Community Plans
02 March 2017	Brussels	URBIS Workshop	Smart City Governance: building new solutions, exploiting the potentials
30 May 2017	Brussels	JPI Urban Europe Conference:	Enhancing impact and scaling up solutions
16 June 2017	Brussels	SET-Plan Temporary Working Group Meeting	Public sector innovation and frameworks for scaling up

Progress and Archivements of the initiative

- Understanding the process of scaling up and replication of SCC plans/projects

- Analysing the framework conditions and determining factors for successful upscaling and replication

- Consolidation of the framework condition

- Contribution to Smart City Guidance Package

- Successful organisation of/contribution to six events/sessions contributing to the EIP SCC Action Cluster on Integrated Planning and Policy Regulations.
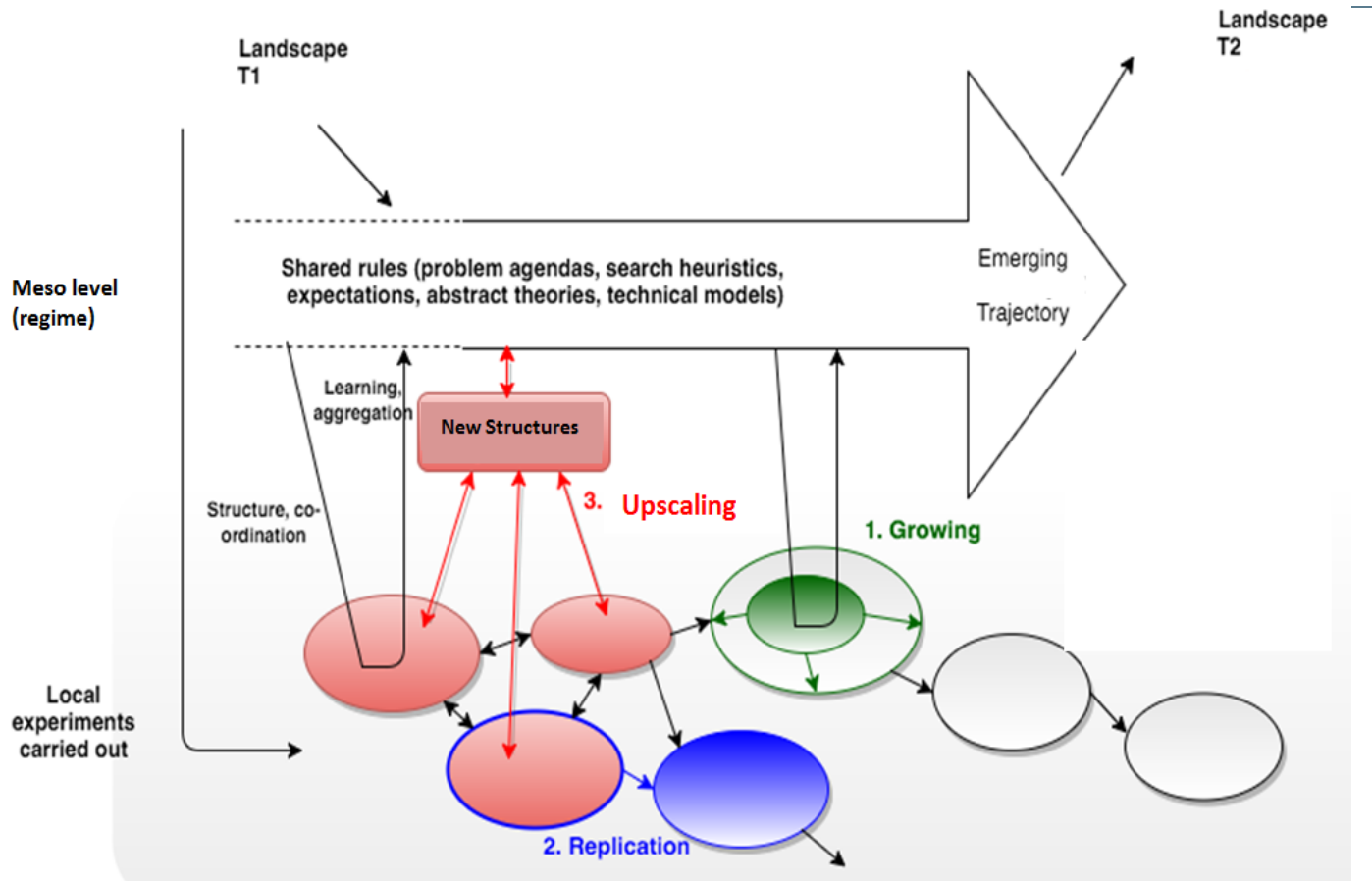
Scaling Up and Repli… WHAT?

Central question: how to come to **larger scale implementation** of Smart Cities and Communities strategies and **exploitation of the pilot project results**?

Scaling Up and Repli… WHAT?

- Upscaling ≠ growing Labs/ diffusion (i.e. the experiment continues with more actors /stuff)

- Upscaling ≠ replication of Labs (i.e. similar Labs on other location(s))

- Upscaling = *the emergence of a set of novel practices* (such as new governance practices or mobility practices), *learned from practical experiments, with corresponding new structure and culture elements*
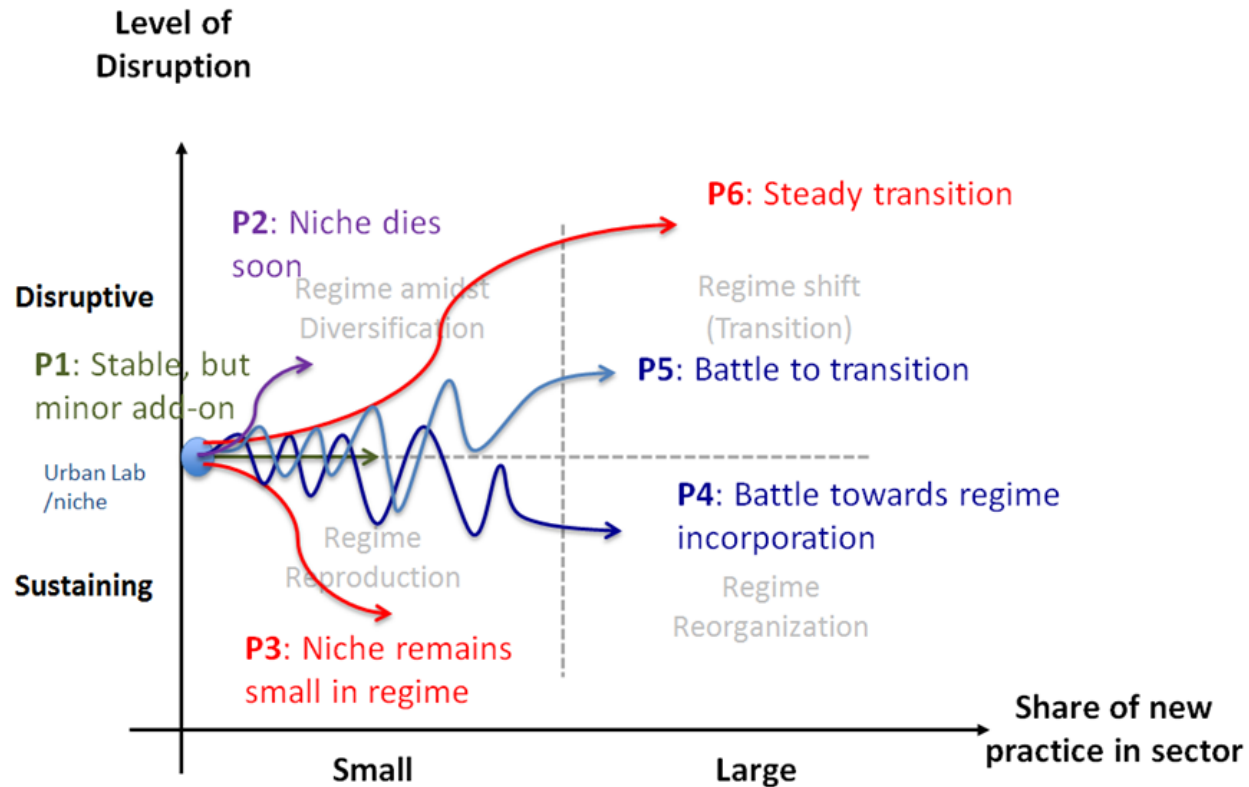
(Dijk, 2016)

Scaling Up and Repli… WHAT?

the figure is an adapted version by Marc Dijk (Maastrich University) of Naber (2016) and Geels and Raven (2006)

Scaling Up and Repli… WHAT?

Marc Dijk (Maastrich University)

Framework conditions to accelerate impact and scaling up

Framework conditions to accelerate impact and scaling up

- Urban areas are complex systems where finding a solution to one challenge might trigger a challenge in another field: **Wicked Problem.**

- Local characteristics determine the appearance and challenges of a city.

- Plurality of contexts AND concepts.

- Due to this plurality of contexts, simple plug and play and copy/pasting SCC solutions do not contribute to achieving the target of sustainable urban development.

- Framework conditions reflecting the plurality of contexts of urban system play the determining role for accelerating impact of SCC pilots, projects and living labs.

Framework conditions to accelerate impact and scaling up

- Need to break silos; allowing for inter- and transdisciplinary projects

- New organisational forms of processes

- Importance of overcoming organisational barriers; allowing new alliances and connections.

- Framework conditions under investigation:

  - business models

  - governance issues

  - stakeholder / citizen participation

Consolidating the framework conditions

- How to handle disruptive innovation and niche markets?

- How to articulate cities' and urban areas' challenges and needs?
  - The main question is what city related business models will look like?
  - Is there a need for new business models for integrated, multi-sectoral solutions, rather than "simple" ICT applications?
  - How to articulate complex challenges in public sector innovation?

- Who is in and out of the ecosystem?
  - Who are the "new" actors for new business models?
  - How to create an ecosystem?
  - Do we need more intermediary kinds of actors?

- What are the keys to unlock the potentials?
  - What is the role of knowledge brokering?
  - Is this an opportunity for a brokering-translation kind of business model?

Workplan, Outlook and planned activities

- Next steps:

  – Drafting report "Accelerating Urban Transition"

  – Contributing a summary to the "Smart City Guidance Package"

  – anchoring of generated content with cases and academic publication/contributions.

  – Supporting the coordination between the EIP SCC AC on *Integrated Planning Policy and Regulation* and the SET-Plan Temporary Working Group on *Public Sector Innovation and Frameworks for Scaling Up*

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