



Human Smart Cities

Rethinking the role of secondary cities in (local) regional economic development.

Martin Venzky-Stalling

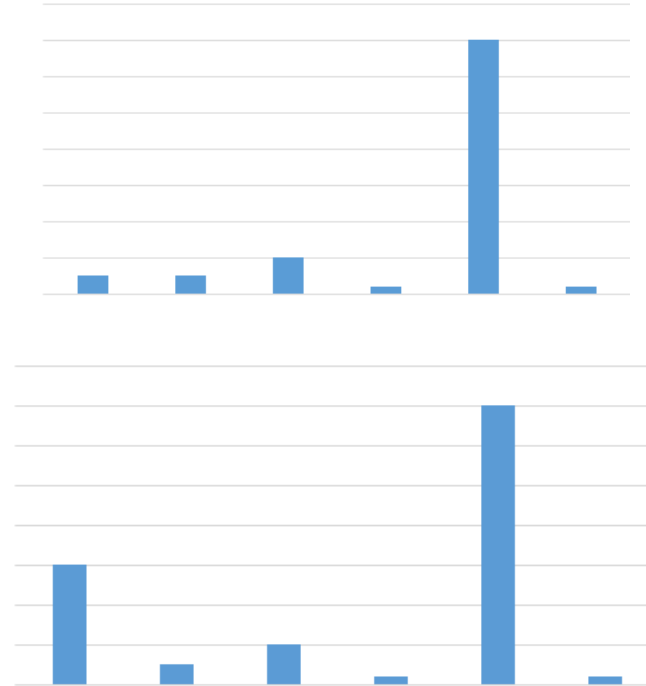
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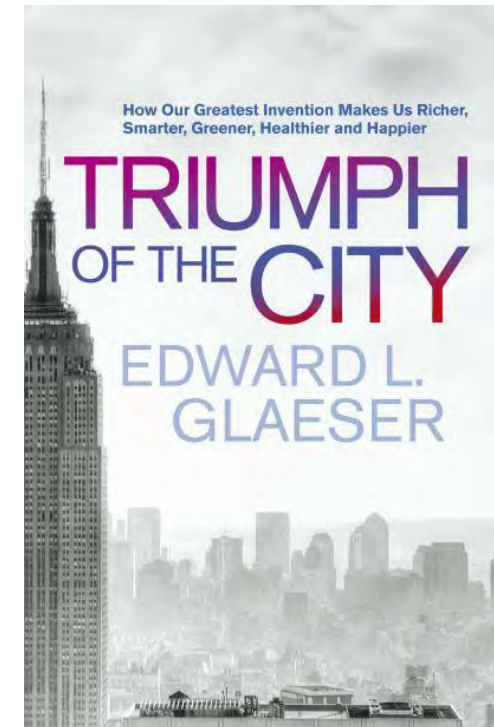
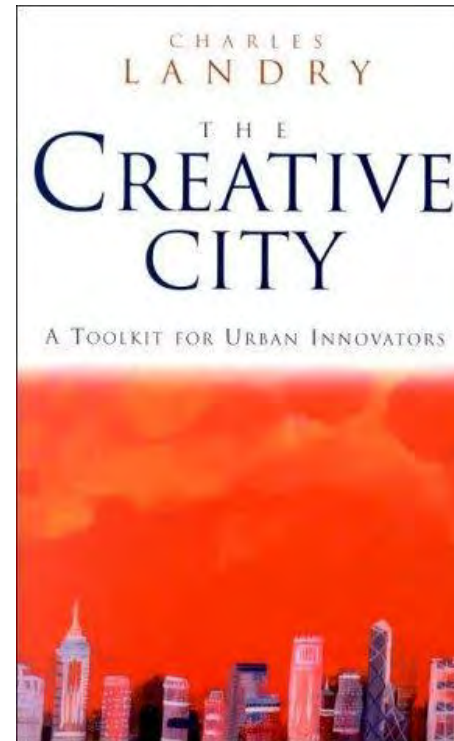
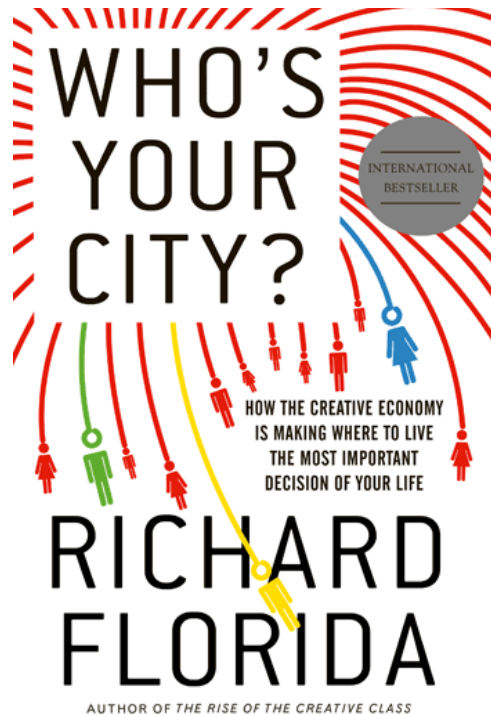
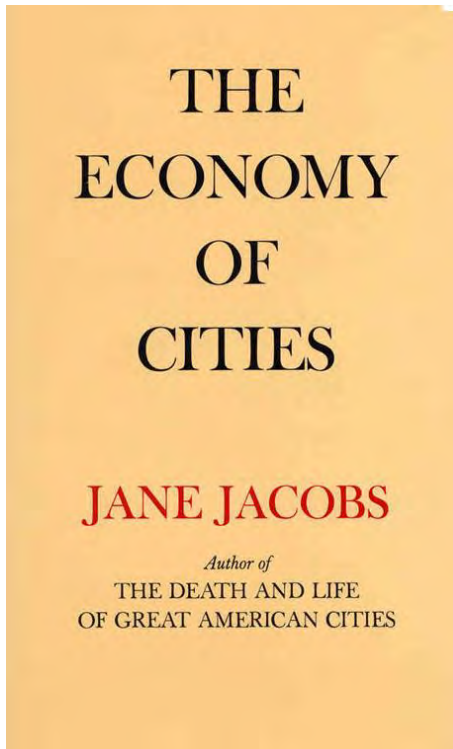
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Main Cities in Southeast Asia



Renewed interest in cities and urban areas



Alex Steffen: The shareable future of cities

http://www.ted.com/talks/lang/eng/alex_steffen.html

Triumph of the City

<http://www.youtube.com/watch?v=Dsofgp01tZs&feature=related>

TEDxLiffey Dylan Haskins - The Creative City

http://www.youtube.com/watch?v=gUq209Dk_Sc

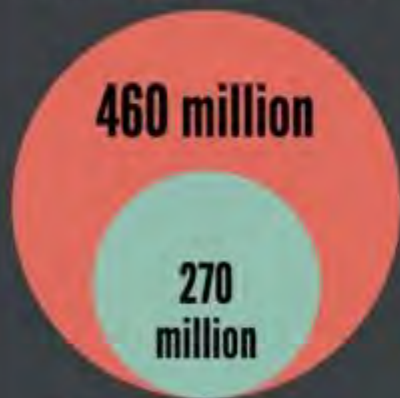


Growth and Economic Status

Anticipated
Absolute Growth 2010-2025

Over 2,400 Secondary Cities Worldwide

with populations of less than 750,000 people



■ Megacities ■ Secondary Cities



Nearly 2/3 are in Africa & Asia

Leading



Innovation
Tourism
Manufacturing
Resources

Lagging



Industry base
Steady growth
Struggle for investment

Laggards



Export-oriented
Growing or shrinking population
High poverty

Most are considered 'laggards'

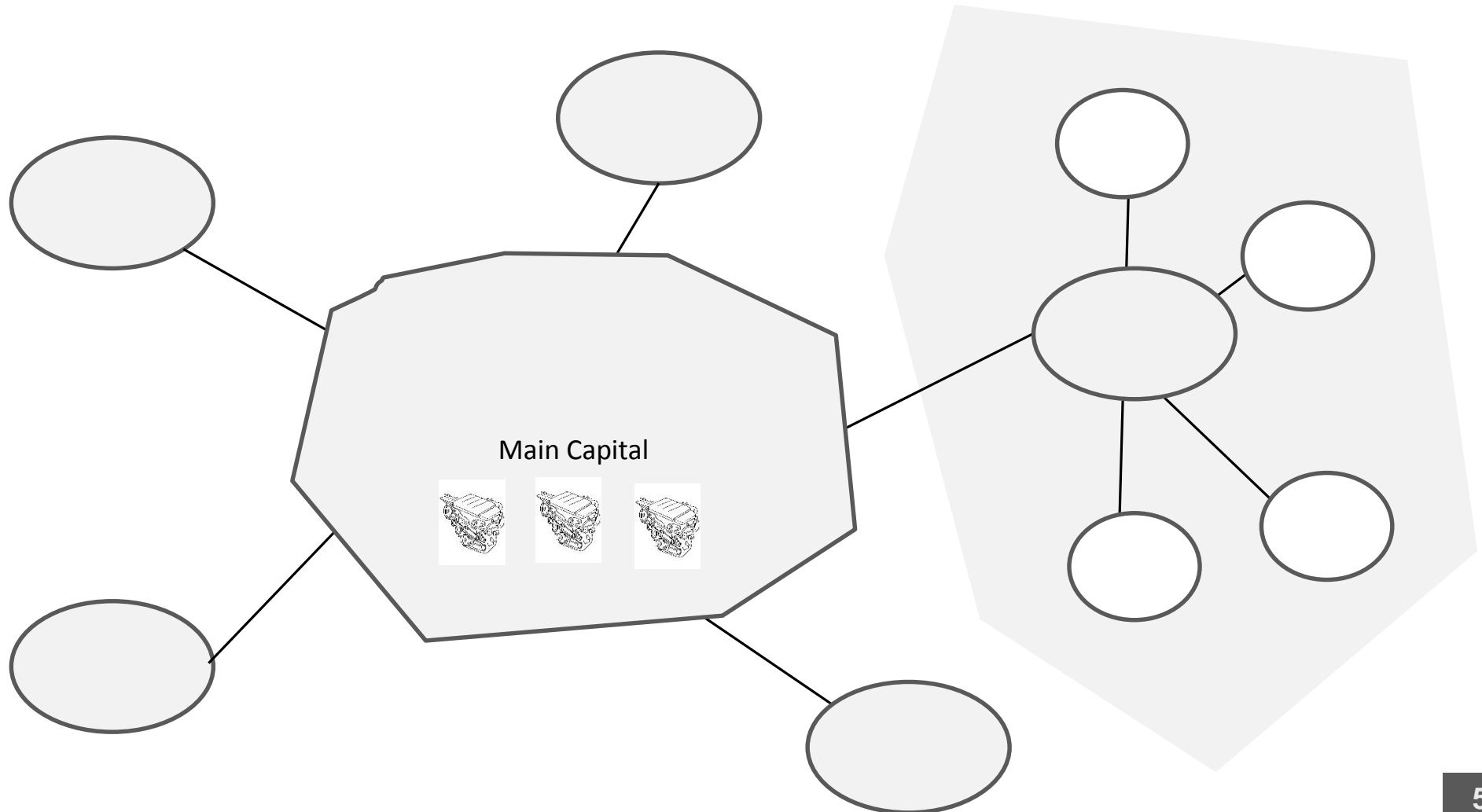
Meeting Sustainable Development Goals

Goal 11: Make Cities Inclusive, Safe, Resilient and Sustainable

Three "Baskets of Challenges" Facing Secondary Cities

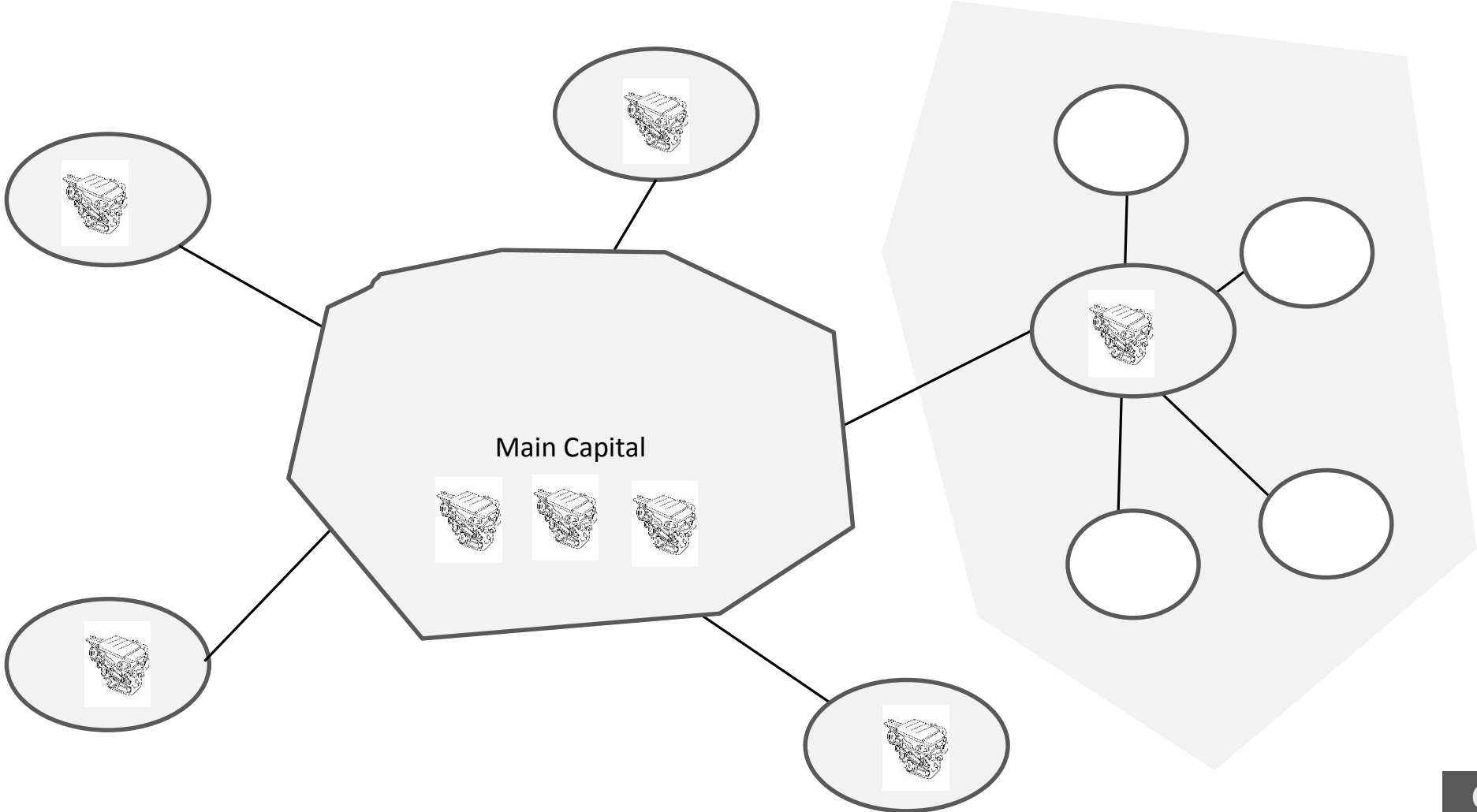
Cities as innovation and idea hub, engines of economic growth

Hierarchical system of cities with different functions & specialisation



Cities as innovation and idea hub, engines of economic growth

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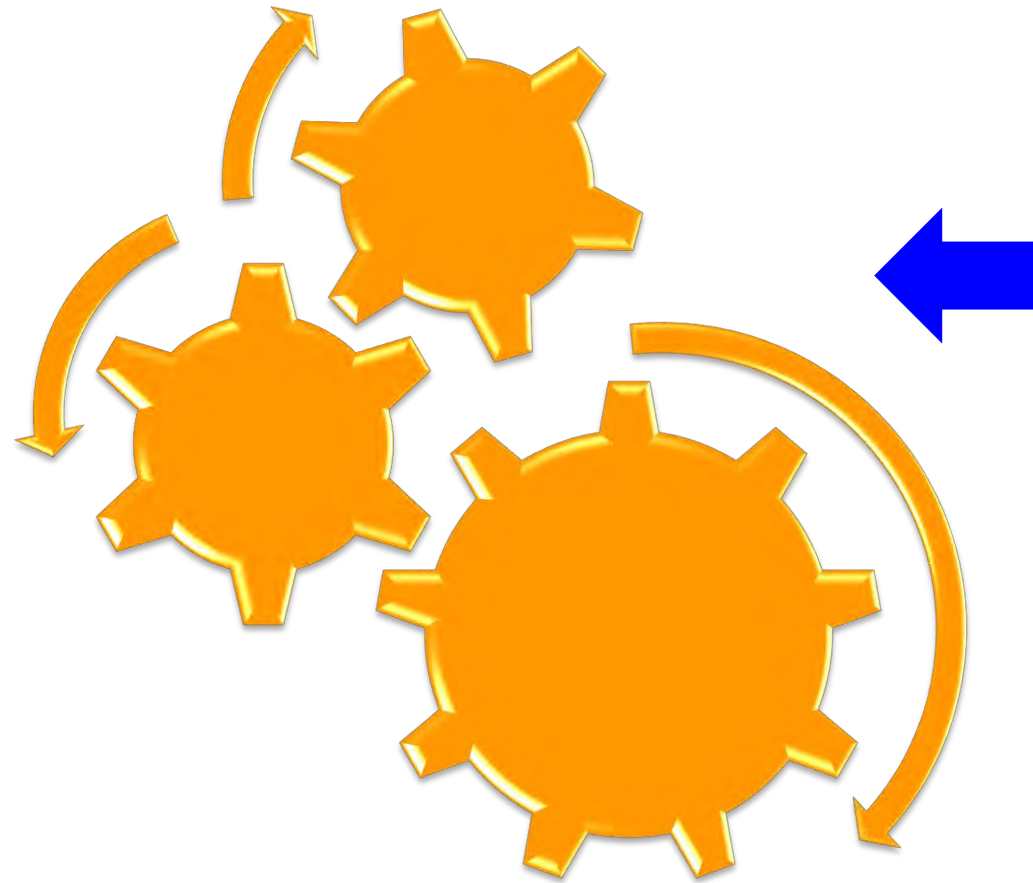



Urban Acupuncture



Ignite through a small set of catalyst actions

Use the urban acupuncture as a catalyst, a small set of significant actions that bring together the various ingredients in such a way that they "ignite" and create sustainable momentum












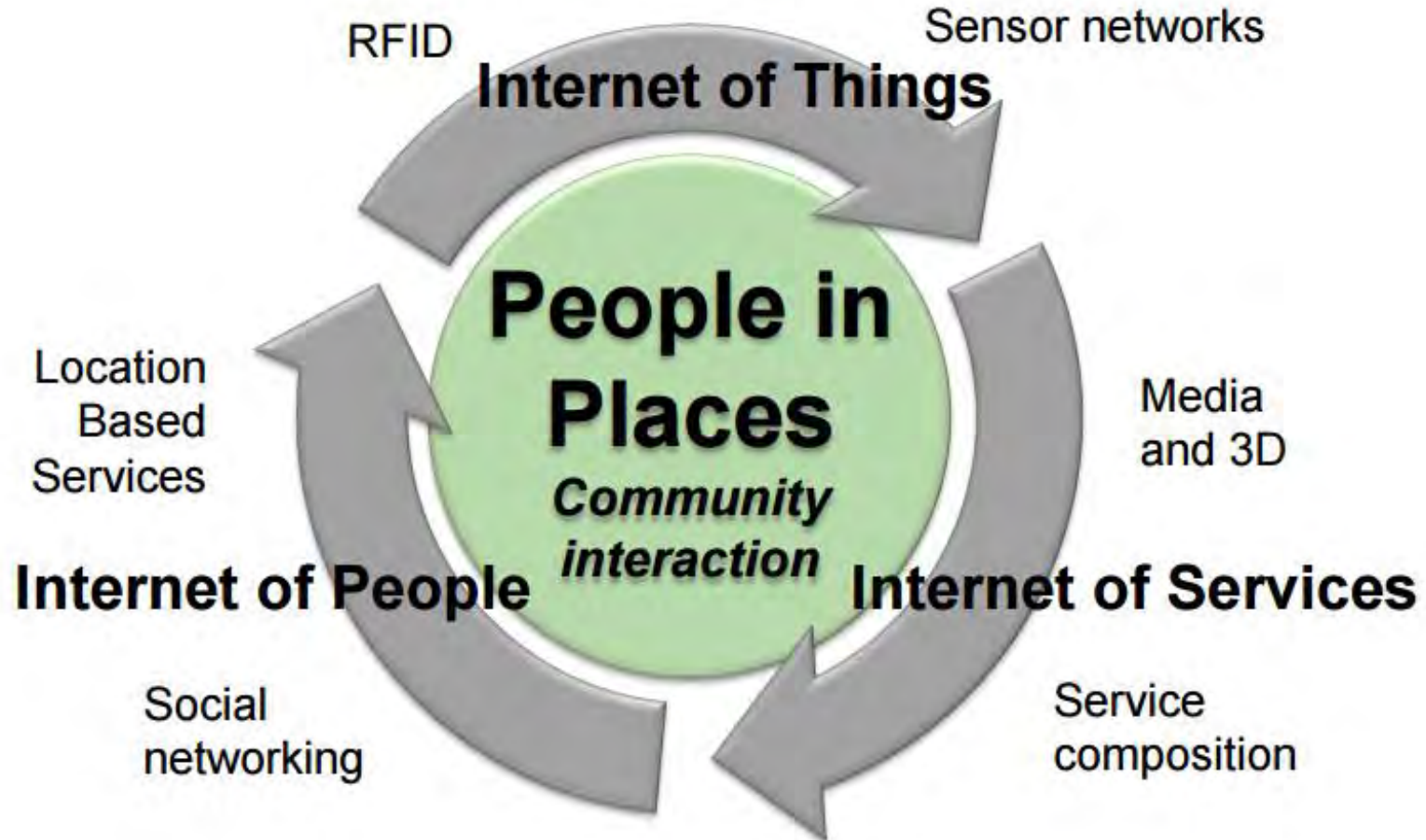
Bring all parts
together and ignite
to create
sustainable
momentum that
changes the
economy 

Archetypal urban settings in which Living Lab stakeholders co-design sustainable new ways of living



Human Smart City Model

SMART CITY SERVICES	DESIGN	TESTING	SCALING UP	SUSTAINABILITY
TOP-DOWN				LOW
CO-DESIGNED				MEDIUM
CO-DESIGNED AND CO-PRODUCED ————— HUMAN SMART CITIES				HIGH



Alternative (?) Smarter Cities Programme Program and Components 1/2

- Government to play a key role as catalysts and initial key investor, but keep operating role to a minimum
- Create a program for smart cities, not one, not two but many (but using a different approach)
- Define strategy for each city: focus, specialization, and differentiation (mix of bottom up and top down guidance) with long-term funding commitment to get started
- Initial step: Government to focus more on e-government services and information to the public related to urban issues
- Relocate some key functions to create ICT related jobs

Alternative (?) Smarter Cities Programme Program and Components 1/2

- City as a lab, innovation / creative / smart city – create an open and creative culture, special economic zone, high ease of doing business
- Open innovation – cities as platforms for open innovation: source solutions from the entire community
- Key infrastructure is important, “being” a smart is more important, not Internet of things -> internet of everything (including and for humans)
- Skill and capacity development in public sector, computer driving license
- Bring ICT closer to the people, not into closed operating center, the “human smart city”



Human Smart Cities

Rethinking the role of secondary cities in (local) regional economic development: “human smart cities as engines of growth and innovation”

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