
Remaking Cities Congress

Pittsburgh, PA

October 16-18, 2013



Major Partners

Remaking Cities Institute,
Carnegie Mellon University

The American Institute
of Architects

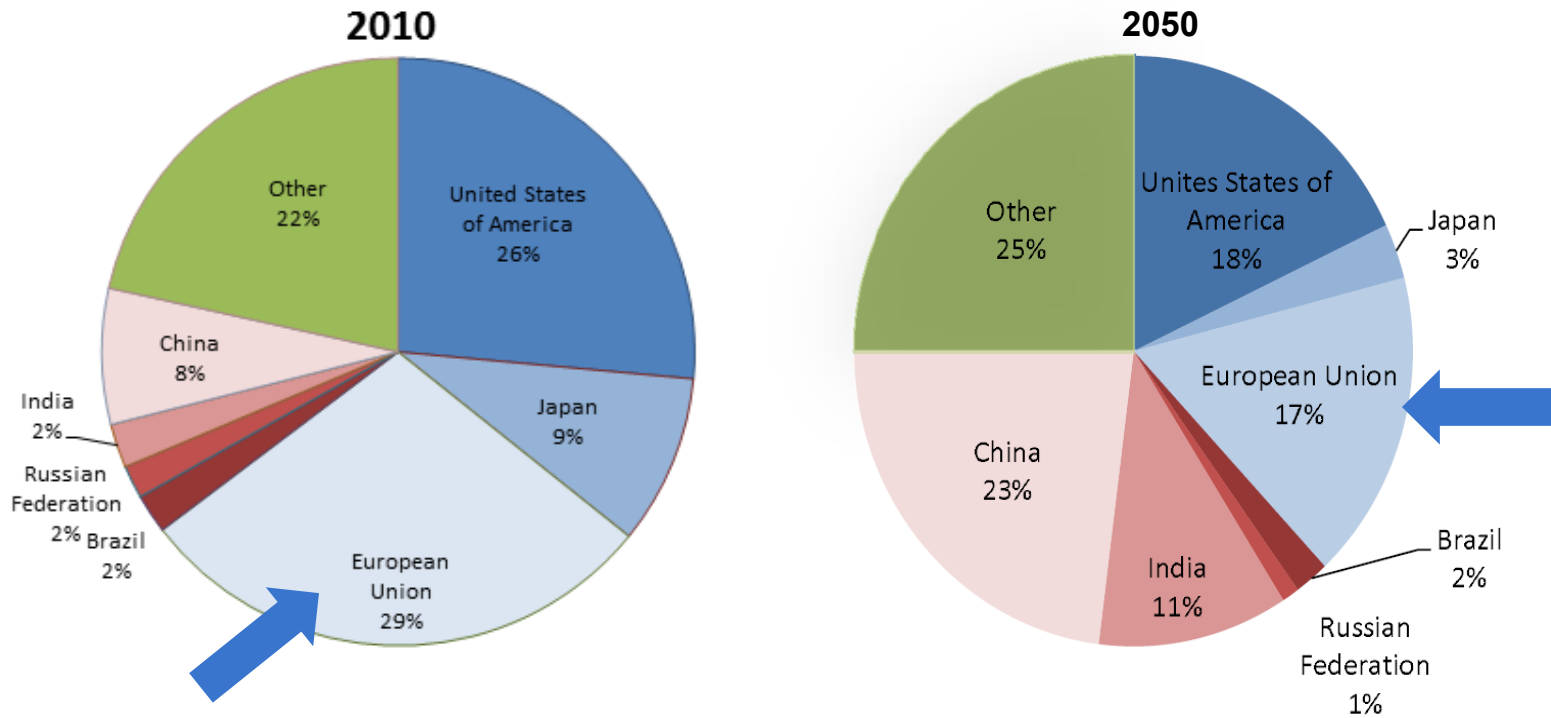


Remaking Cities Congress

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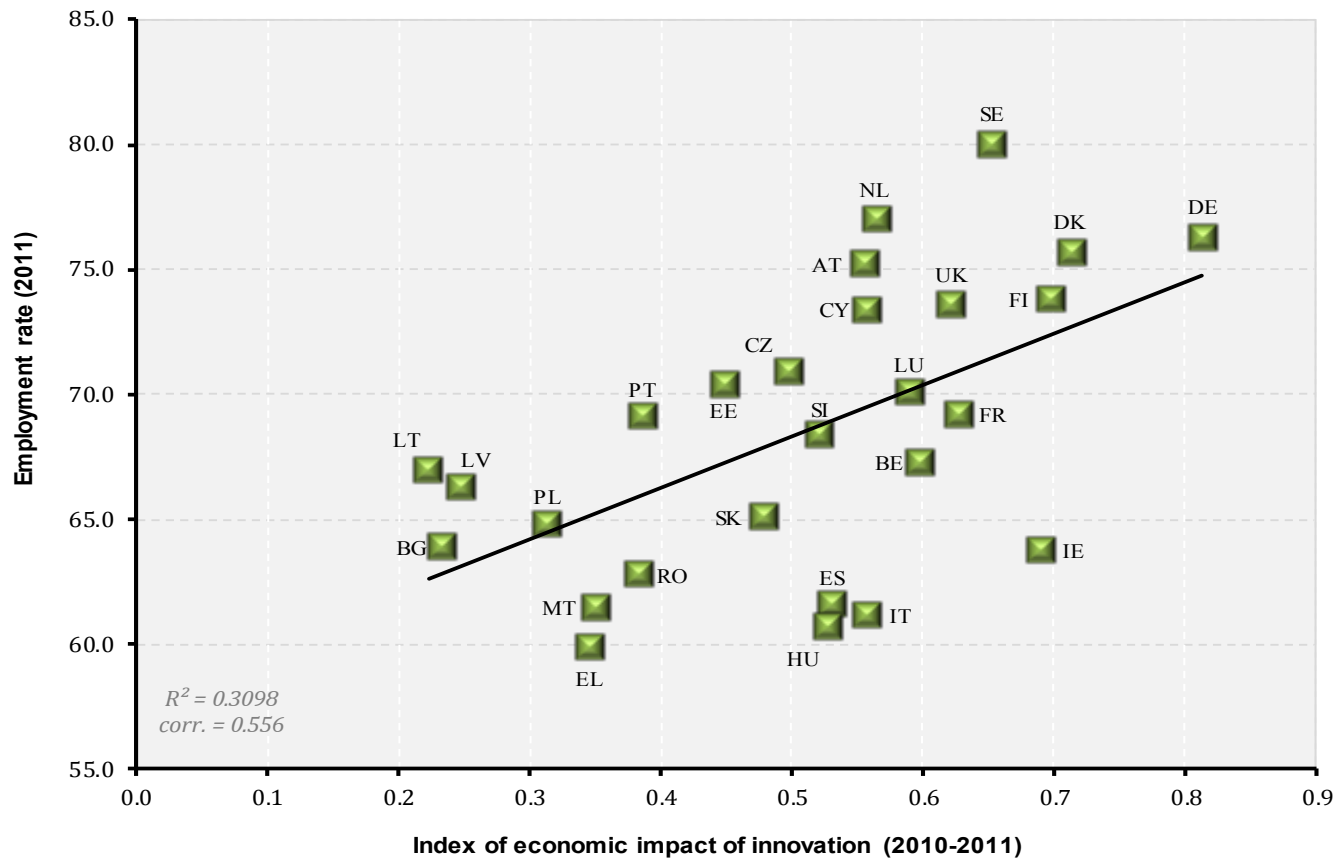
Pittsburgh, October 2013

Scenario 2010 - 2050



World GDP (constant USD), Source: Global Europe 2050

Economic impact of innovation and correlation to employment



Where innovation happens...

Around 50% of the world population live in **cities**

→ *expected to rise to 60% by 2030*

→ *1 million more urban dwellers worldwide every week*

"Urbanization is inevitable...it is a positive force in support of social equality, cultural vitality, economic prosperity and ecological security...it poses tremendous and complex opportunities for a shared, sustainable future"

- Manifesto for Cities, UN Habitat 2012 -



3%
Earth's
land
surface

75%
Energy
consumption

80%
Greenhouse
gas
emissions

75%
Resource
consumption

50%



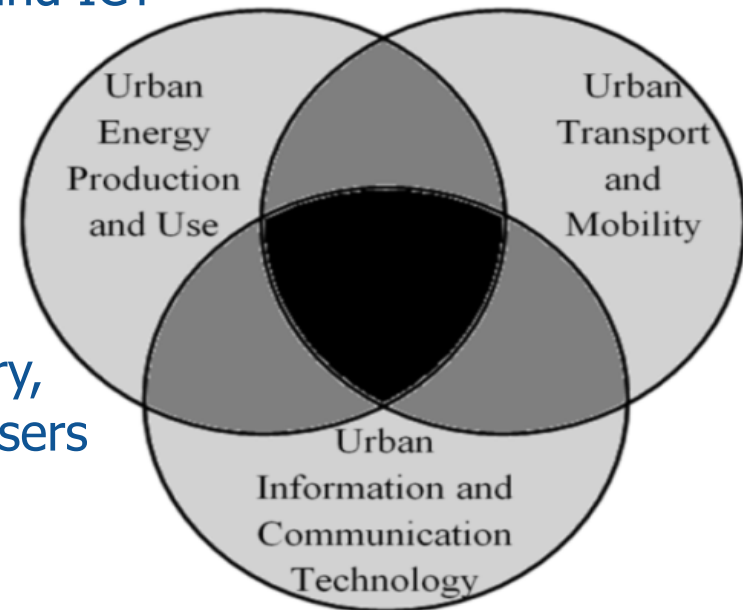
60%
Demand of
drinking
water

The '*Smart Cities and Communities*' European Innovation Partnership

Accelerating full-scale deployment of smart city solutions at intersection of Energy, Transport and ICT

Using many types of actions,
BUT not a funding instrument

Creating stronger cooperation between industry, policy makers research, cities and other end-users



The Smart Cities philosophy

- Identify common challenges
- Develop and deploy innovative, replicable solutions
- Bundle demand from cities
- Attract and involve business and banks
- Create markets!





Challenges: some indicators for success

- Greenhouse gas emissions/20-20-20 targets
- Better quality of life for citizens
- Better public services
- Improving business environment
- Success means: attracting finance

The European Capital of Innovation Award

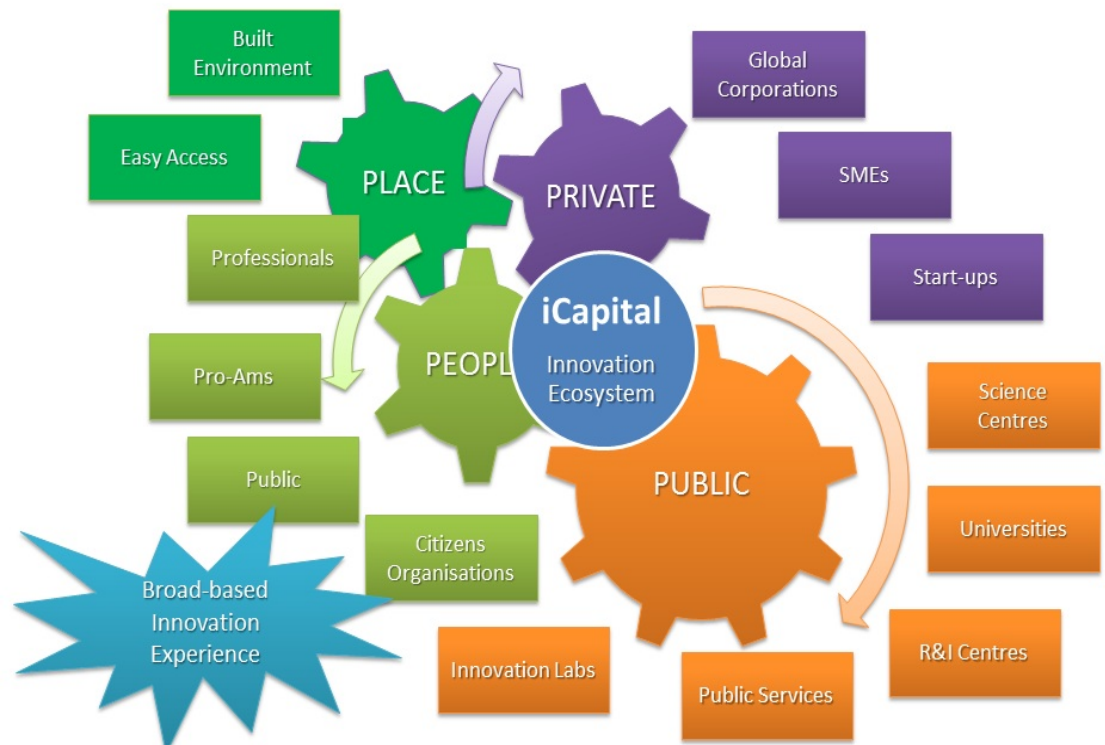
- ☐ Cities following an
 - ✓ **Innovative**
 - ✓ **Inspiring**
 - ✓ **Integrated**
 - ✓ **Interactive** strategy

- ☐ An outstanding achievement in the innovation ecosystem

- ☐ Funds for scaling up this achievement

We are looking for concrete achievements!

Sustainable Innovation Ecosystem



Why these initiatives?

To acknowledge city as game-changer, able to respond to citizens' needs through a multifaceted approach, aiming at:

- *Empowering*
- *Engaging*
- *Enhancing*
- *Enabling*

Do we need a 'city'...

to leverage
more open
models of
innovation?

develop cities
as
interconnected
innovation
HUBS !

to connect the
worldwide
community of
do-it-yourself
innovators?

to design new
relationships,
such as
crowd-
funding?

Re-inventing cities

Cities need to re-invent and make themselves more attractive!

- Dedicated areas
- New buildings
- New urban solutions
- ...



a limited vision of pioneer cities?

vs

a key factor of an efficient economic development strategy?

What is needed

A visionary leadership

=

Administrators fully committed to set up their mission for the future now

resilience

A systemic perspective

=

ways to further involve citizens:

effective

+

'affective'

city

What more?



Thanks for your attention

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http://ec.europa.eu/research/innovation-union/index_en.cfm

<http://ec.europa.eu/icapital>