Cities’ Future Challenges and How to Address Them

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Complex Urban Challenges Require Integrated Policy Implementation

Source: International Science Council: SDGs Guide to Interactions, 2018
Dilemmas as Innovation Drivers for Just, Green AND Productive Cities

How can city authorities exploit the potential of digitalisation for urban planning and governance while avoiding the risks of new inequalities and exclusion as well as addressing the consequences for jobs, value chains and privacy?

How can city authorities get prepared for unexpected, non-linear events and at the same time ensure highest liveability for its inhabitants?

How can city authorities answer the demand for densification and infrastructure provision under the constraints of scarce resources, financial limitations, accessibility and affordability for all?

How can city authorities provide multi-functional public spaces that serve the purposes of all groups of society within the given ownership situations, stakeholder interests, security concerns or densification needs?
Stepping up the Game – Taking Co-design and Experimentation to the Next Level

**Urban Living Labs** are …

…a form of experimental governance, whereby urban stakeholders develop and test new technologies, products, services and ways of living to produce innovative solutions …’¹

…user-centred, open innovation ecosystems based on systematic co-creation integrating research and innovation in real life communities and settings²

- Equity and inclusiveness
- Integration in local and regional ‘proper’ governance
- Capacity building in public administrations and society
- Community and neighbourhood level

¹ [https://www.slideshare.net/openlivinglabs/cities-as-living-labs-and-large-scale-experimentations](https://www.slideshare.net/openlivinglabs/cities-as-living-labs-and-large-scale-experimentations)
² European Network of Living Labs ENoLL, [https://enoll.org](https://enoll.org)
Evidence-based Policy Making Supported by Challenge-driven Research & Innovation

The New Leipzig Charter
The transformative power of cities for the common good

specification of needs for research and innovation, new forms of governance, regulatory frameworks

experimentation and co-development of new approaches, capacity building, good practice

Policy

Research and Innovation

The European Green Deal

JPI Urban Europe project, Smart Urban Isle, https://jpi-urbaneurope.eu/project/smart-urban-isle/

JPI UE project: me², https://jpi-urbaneurope.eu/project/me2/

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