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Contents

adaptability in urban planning whilst throwing into sharp relief the limitations of existing urban governance models, demonstrating the urgency for new solutions. A new urban governance aims to secure the "win-win" policy co-benefits supporting climate change mitigation actions from a top-down perspective, allied to bottom-up open governance promoting co-design and co-development of urban plan solutions. Information and Communication Technologies (ICT) have great potentials to become crucial enablers of this new urban governance supporting the development of tools and methodologies that simultaneously address top-down integrated urban planning and also promote open governance service and the co-design of planning solutions.
This proposal draws on the author's participation in EU-funded smart city governance research and innovation projects over the past decade to explore initiatives by the European research community to realise these new governance potentials via projects including:

- **GREENGAGE** - Innovative governance, environmental observations and digital solutions in support of the Green Deal (Horizon Europe Innovation Action, European Commission, 2023–2025)
- **TAP** - Triple Access Planning for Uncertain Futures (JPI Urban Europe 2021– 2024)
- **CURE –** Copernicus for Urban Resilience in Europe (Horizon 2020 Research and Innovation Action, European Commission, 2020 – 2022)
- **SMARTICIPATE** - Smart Services for Calculated Impact Assessment in Open Governance (Horizon 2020 Innovation Action, European Commission, 2016 – 2019)

Keywords

City planning, 15-Minute city, Governance model, Co-development and design, EU research and innovation projects

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Smart Urban Systems, Radical Planning and Dilemmas of Environmental Justice in India

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Abstract

Smart cities are a new paradigm of developmental transformation in the 21st Century for cities across the world. There is no universally agreed definition or conceptualization of the notion of Smartness and Smart cities, and cities around the world have developed their operational models of Smartness at the intersection of Urban Planning, Technology-based transformations - primarily digital, Urban Municipal Service Delivery, Policy, and Governance, eventually shaping the design of the built environment at all levels.

Smart Cities Mission in India has been a unique endeavor disrupting the conventional planning approaches in the post-independence scenario and bringing a radical shift in the paradigm creating space for multidisciplinary praxis with initiatives such as the place-making marathon, Nurturing

Neighbourhoods Challenge, Integrated Command and Control Centres (ICCCs), Freedom to Walk Cycle Run, etc. This has been instrumental in not only addressing the issues in bigger metropolitan cities but also in smaller cities across diverse geographies making it an unprecedented paradigm for even smaller cities to define their unique visions and priorities and not necessarily follow the developmental pathways of the bigger cities.

However, the questions of environmental justice still cast a dilemma on the effectiveness of this mission in addressing the current challenges faced within India and globally. This research will bring to light the tensions between the emerging multi-disciplinary praxis and its limited responsiveness to the vast environmental sustainability canvas, with specific emphasis on the smaller towns often the sites of extreme ecological contestations.

Keywords

Smart Cities, Radical Planning, Environmental Sustainability Transitions and Justice, Other Smartness, Digital Transitions

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The quest for smart urbanism and transformation of public services. Insights from Poland.

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Abstract

City policymakers implement smart urban solutions and technologies to boost citizen engagement, policy effectiveness, and quality of life. These solutions present vision of the future, with technology as the primary solution, claiming to enhance public services through management optimization while addressing policy dilemmas such as safety vs. privacy and efficiency vs. accessibility (Sadowski and Bendor, 2019; Joss et al., 2019). Additionally, smart urbanism emphasizes citizen-centric design and co-production, raising dwellers expectations toward service quality and efficiency (Cardullo & Kitchin, 2019). However, as city leaders prioritize smart urban solutions, the digitalization of public services may not necessarily lead to improved service accessibility or quality and can foster 'technology conservatism' rather than promised transformation (Tan, Crompvoets, 2022).

Our presentation will discuss the results of the project “Right to the smart city: the impact of new technologies on quality of life, social relations, and urban policy.” The project aimed to examine the effects of technological development on urban life, exploring how technologies influence city development and policies. We focused on exploring citizens’ expectations of technologies and deconstruction of the implementation process of smart urban solutions (IoT, digital platforms) and digital services in different policy branches (health, care, environment, safety, transport) applied in Polish cities.

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