

Making cities inclusive and sustainable in emerging economy: India

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Session II- Group III - Making Cities and Human Settlements Inclusive, Safe, Resilient and Sustainable

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On the one hand, over a billion-and-a-quarter people are still living in poverty. On the other, patterns of unsustainable production and consumption are endangering our planet's eco-systems. This threat presents us with an opportunity to work together....

THE 13TH PRESIDENT OF INDIA, SHRI PRANAB MUKHERJEE
(Oct 6, Inauguration of World Sustainable Development Summit 2016, New Delhi)

Context

- 8th BRICS Summit in 2016 in India called for enhanced cooperation to deal with multi-dimensional challenges/opportunities of urbanisation
- Emphasised on strengthening urban governance, making cities safe and inclusive, improving urban transport, financing of urban infrastructure, and building sustainable cities (Goa Declaration, 2016)
- While select BRICS cities are highly competitive for investment; loci of global business; they are also challenged for socio-economic disparities, income polarization, spatial fragmentation
- Making cities smarter is a collective responsibility of nonstate and state actors
- Political leadership is critical to give greater priority to improving cities, harnessing potential, and excellence in governance.

Smart Cities Mission – India

- 100 Smart Cities Mission – launched in June 2015
- To promote sustainable and inclusive cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of ‘Smart’ Solutions.
- A relatively new phenomenon in India
- Synergises with Urban Competitiveness
- An opportunity to create an accountable framework - well being, equity, efficiency
- Enhance capacity
- Decentralisation
- Reduce development- resources conflicts
- Inclusiveness
- Redevelopment
- Pan City Initiatives and Area Based Projects
- Easier to build new smart cities than transform old ones – Upgrading cities in India is imperative



Smart Cities and Emerging Economies

Competitive advantages & challenges

- Young population
- Newer infrastructure
- Unique talent
- Rich cultural heritage
- Others...

Challenges

- Part to whole
- Comprehension, measures and standardization

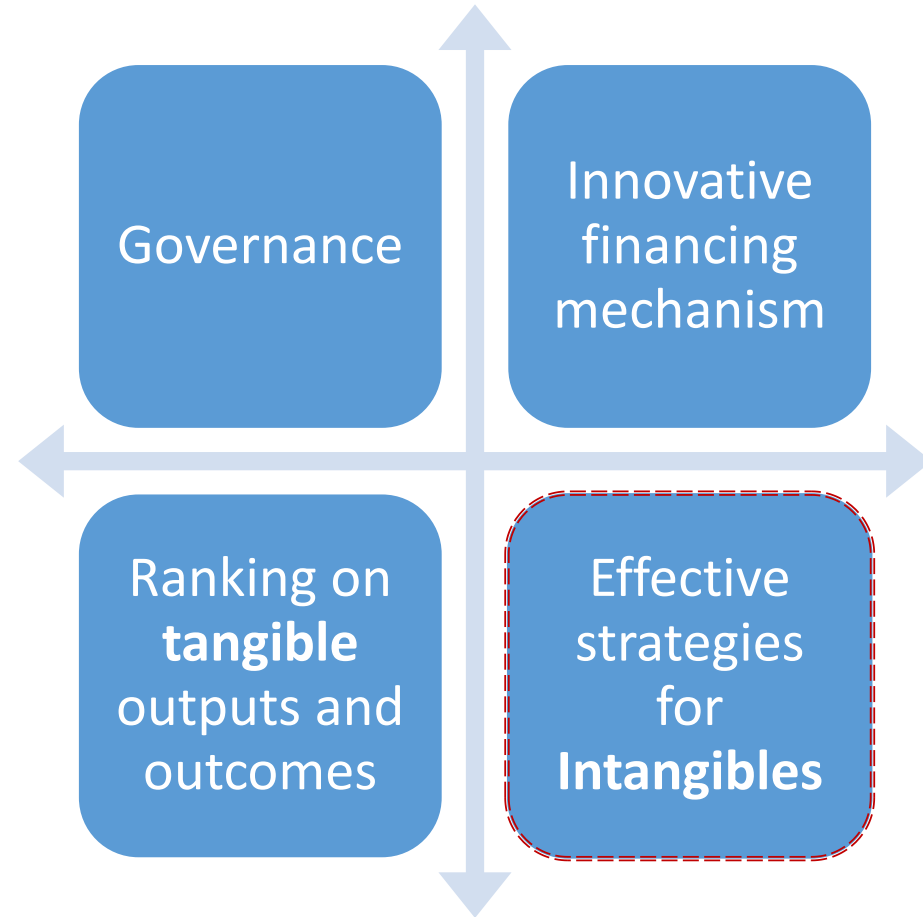
Smart Cities and Emerging Economies

Ongoing momentum

- Local economic development
- Business growth in inner cities
- FDI and inward investment
- Infrastructure development integrating ICT
- Regional network and access to markets
- Basic services as health and education

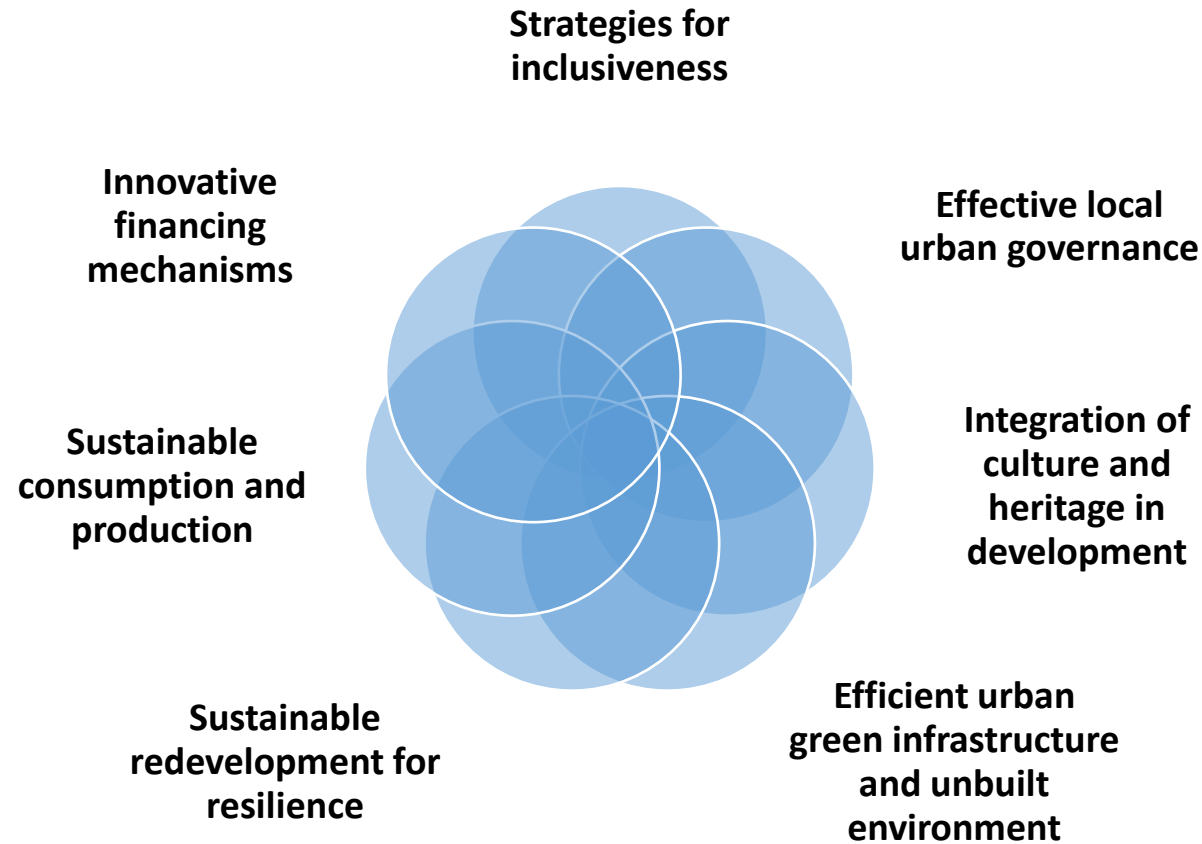
Smart Cities and emerging economies

Need for enhanced focus



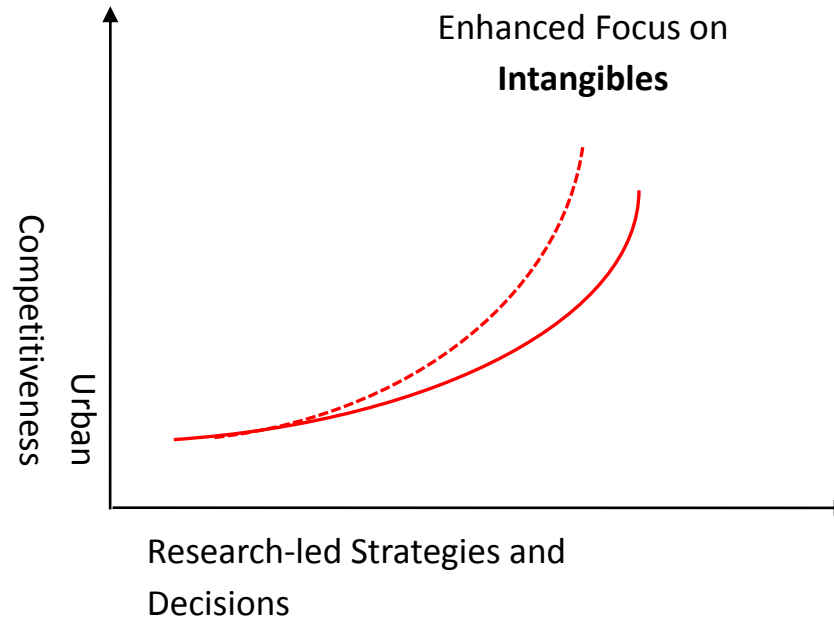
Smart Cities and emerging economies

Intangibles for tangible outcome



Singhal, 2017

UC and emerging economies



- Improving HDIs alongside economic growth
- Engagement and ownership
- Effective knowledge exchange – Research – Leapfrogging for resilience through technological advancement

Urban related ongoing research At TERI School of Advance Studies

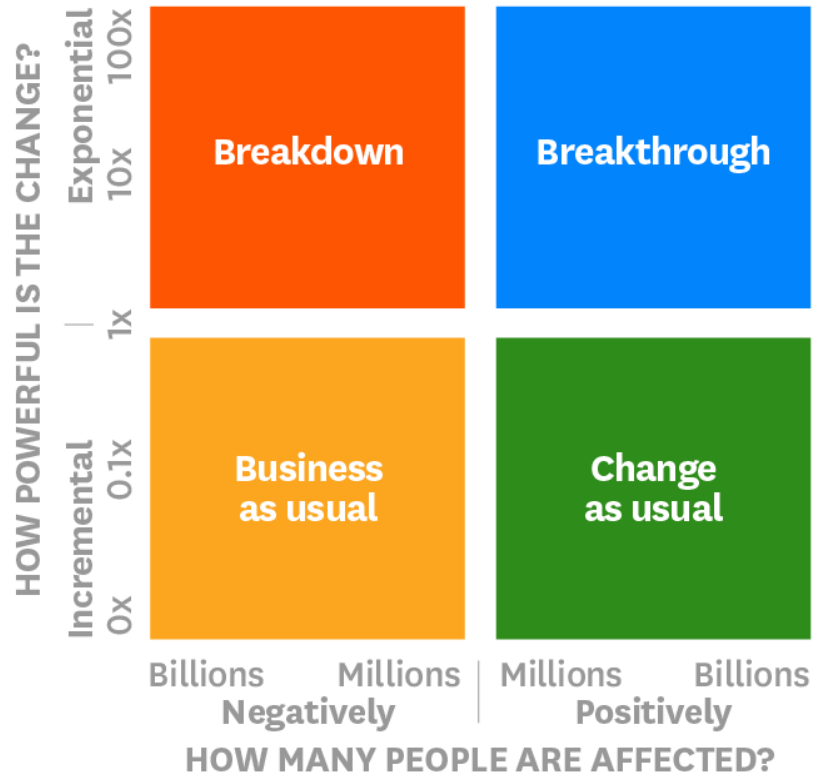
Forth coming publications

- Policy paradigm for sustainable cities in India
- Towards synthesis of culture with urban planning: a framework of inter-linkages for comprehensive planning of pilgrimage towns in India
- Urban Green Infrastructure and Competitiveness of Cities In India
- Inclusive cities: The current and future challenge for urban sustainability - Significance of creativity for inclusive Indian cities
- Analyzing the influence of metro rail ridership on group housing property prices in Delhi (Tyagi and Singhal, 2017)
- Captivity of public transit users in Delhi: analysing access trips of metro and bus users through a case study of Nehru Place business district (Sharawat, Arora and Singhal, 2017)
- Examining synergies between redevelopment, resilience and smart city strategies
- Analysing urban ecology and development conflicts in Delhi through a DPSIR framework
- Higher education framework for mainstreaming Sustainable Consumption and Production in policy making

M Tech Urban Development and Management; MA Public Policy and Sustainable Development (Sustainable Urbanisation)

The Breakthrough Compass

To meet today's biggest challenges, focus on big impact goals that will reach millions.



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Thank you!

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Creating a shared flexible vision focusing to enhance competitiveness of cities in emerging economies