



Urban Infrastructure Requirements and Key areas Requiring Attention

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1. Urban India – Some Basics

- 377 million (32%) urban pop. – to 600 million
- 7935 cities and towns
- 3894 census towns
- 53- million plus pop cities with 42.6% of pop
- 468 cities and towns with one lac or more pop

- 63% of GDP
- 70% of new employment
- 80 to 85% of tax revenue
- 25 Indian cities among 100 fastest growing cities of world
- But per capita spending of \$ 17 only
- 0.25% of GDP gets invested

2. Resource requirements

- HPEC - Rs 39.2 lac cr
Increase urban inv from 0.7% of GDP to 1.1% by 2031-32
- Mckinsey - \$ 1.2 Trillion
Annual capital spending per capita only \$ 17- should reach \$ 134 in 20 years (eight times)
Urban infra spending to be up from 0.55 of GDP to 2% annually

3. Key areas – Basic infrastructure

➤ Water

- Still 30% do not have individual water connections
- No 24x7 water supply city
- NRW at high level of 50%
- Per capita supply between 37 to 298 lpcd
- Supply ranges from 1 to 6 hrs
- HPEC projection – Rs 3 lac 20 thousand cr

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➤ **SWM**

- -World cities generate 1.3 billion tonnes of waste every year
- -Now 1.2 kg per person per day
- -To go upto 1.42 kg by 2025
- -Rates of MSW growth fastest in China and other parts of East Asia

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- -Higher the eco development & rate of urbanisation, greater the solid waste
- -Only 70 to 90% of waste collected
- -Less than 30% waste segregated
- -No scientific disposal of waste
- -HPEC projection - About Rs 49,000 cr

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➤ Sewage

- Even partial sewerage network non existent in 4861 cities
- -45% of houses in Delhi not connected to sewage network
- Sanitation
- -13% of urban households have no access to any latrine facility
- -City sanitation study – none of 423 cities surveyed found healthy or clean
- -HPEC projection – Rs 2 lac 43 thousand cr

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➤ **Housing**

- Shortage of 18.78 million dwelling units
56% EWS 39% LIG
- One out of every six households in urban India a slum
- Over one third of slum households located in cities with pop of one million or more
- HPEC estimated requirement of Rs 4.1 lac cr- for slum rehabilitation

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➤ **Transport**

- Share of public transport at a level of 22%
- Only 20 out of 85 cities with pop of 500,000 or more had city bus service
- 1400 vehicles get added in Delhi every day
- Already 81 lac vehicles and 1.2 million vehicles entering & leaving

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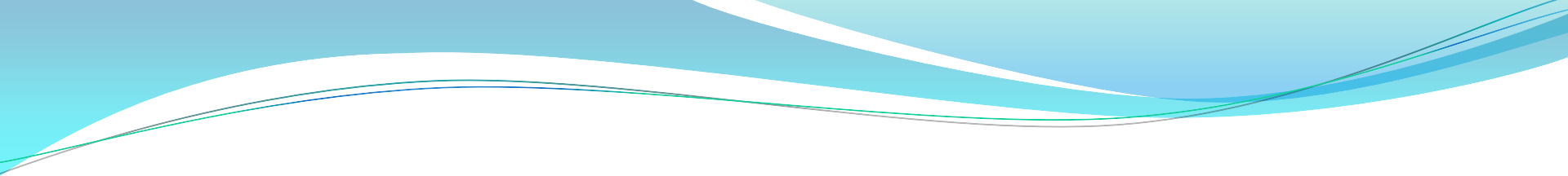
- -Metros in 8 cities
- -BRTS in 15+ cities
- -HPEC estimated Rs 17.28 lac cr for urban roads
Rs 4.49 lac cr for urban transport

4. Governance & Capacity Building

- -HPEC said governance and financing- challenges that cannot be looked at in isolation
- -Projected revenues and expenditure for a 20 year period
- -Deficits to be financed thru market borrowings and new project execution mechanisms like
- -PPP, land based financing instruments
- -Importance of reforms in financing and governance
- -CB a priority in 12th Plan and next phase of Jnnurm

5. 12th Plan strategy

- -5 Enablers
- Governance/Urban Planning/Financing/Building capacity/Leveraging innovation
- -Financing
- ULBs to identify robust revenue streams
- -create robust tax and non tax based revenue streams
- -attract private capital
- -systematically monetise land streams for ULbs

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- institutionalise revenue sharing for states
 - increase user charge collection
 - establish comprehensive approach to facilitate PPPPs
 - set up ring fenced city development fund
 - empower ULbs to leverage municipal bonds
 - bolster SFCs

6. JNNURM so far and what next

- Highlighted urban agenda
- Focussed on challenges facing cities
- 552 projects costing Rs 62,000cr
- About 50 projects with investment of over Rs 5,000 crore through PPP
- During 12th plan, 13 to 23% of total urban investment to come from PPP



Thank You!

