



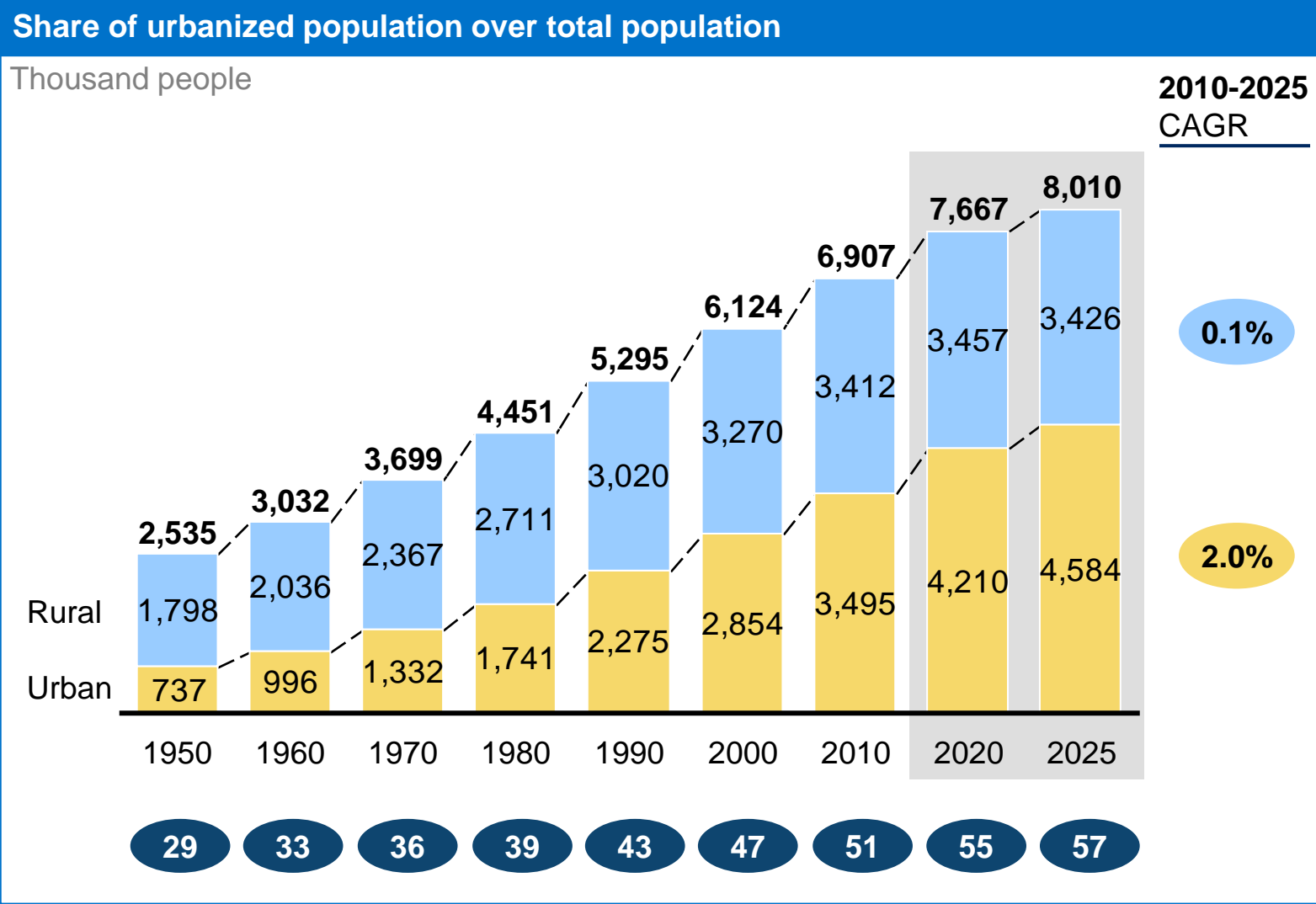
India's urban awakening: Building inclusive cities, sustaining economic growth



July 2012

Worldwide, urban populations are growing 20x faster; 57% of world's population will be in urban areas by 2025

Forecast

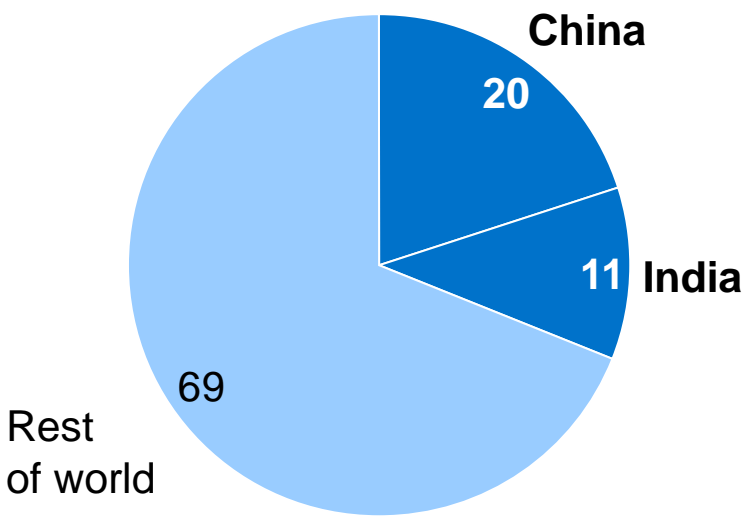


Within Asia, China and India will be at the forefront of urbanization...

Share of global urban population, 2025

Percent

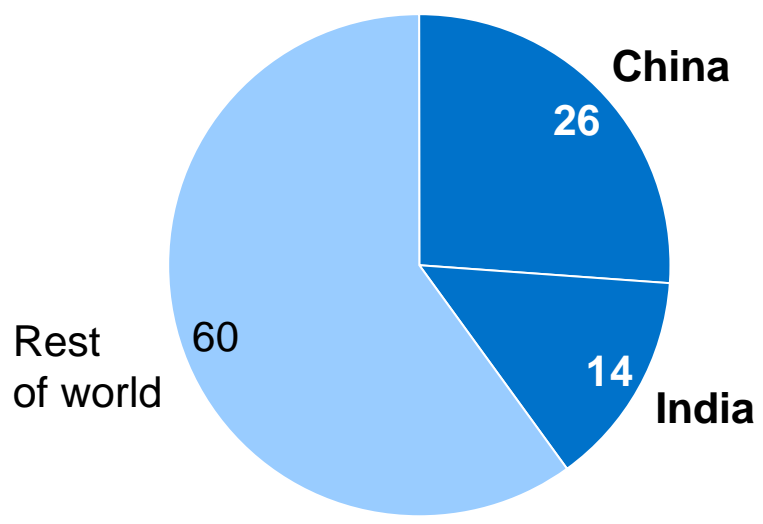
100% = 4.7 billion people



Share of growth of global urban population from 2005 to 2025

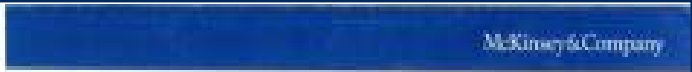
Percent

100% = 1.6 billion people



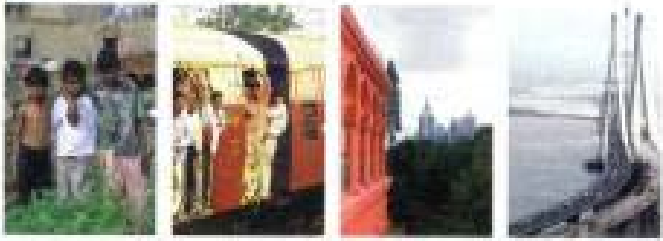
¹ India and China urban population for 2025 are based on MGI estimates; rest of world based on UN estimates.

In 2010, we completed a 21-month study on India's urban development



McKinsey & Company

McKinsey Global Institute



April 2010

India's urban awakening:
Building inclusive cities,
sustaining economic growth

India's Urban Awakening: Building inclusive cities, sustaining economic growth
Duration: August 2008 to April 2010

Meeting with the Prime Minister and members of Cabinet, September 2010 to present the study findings



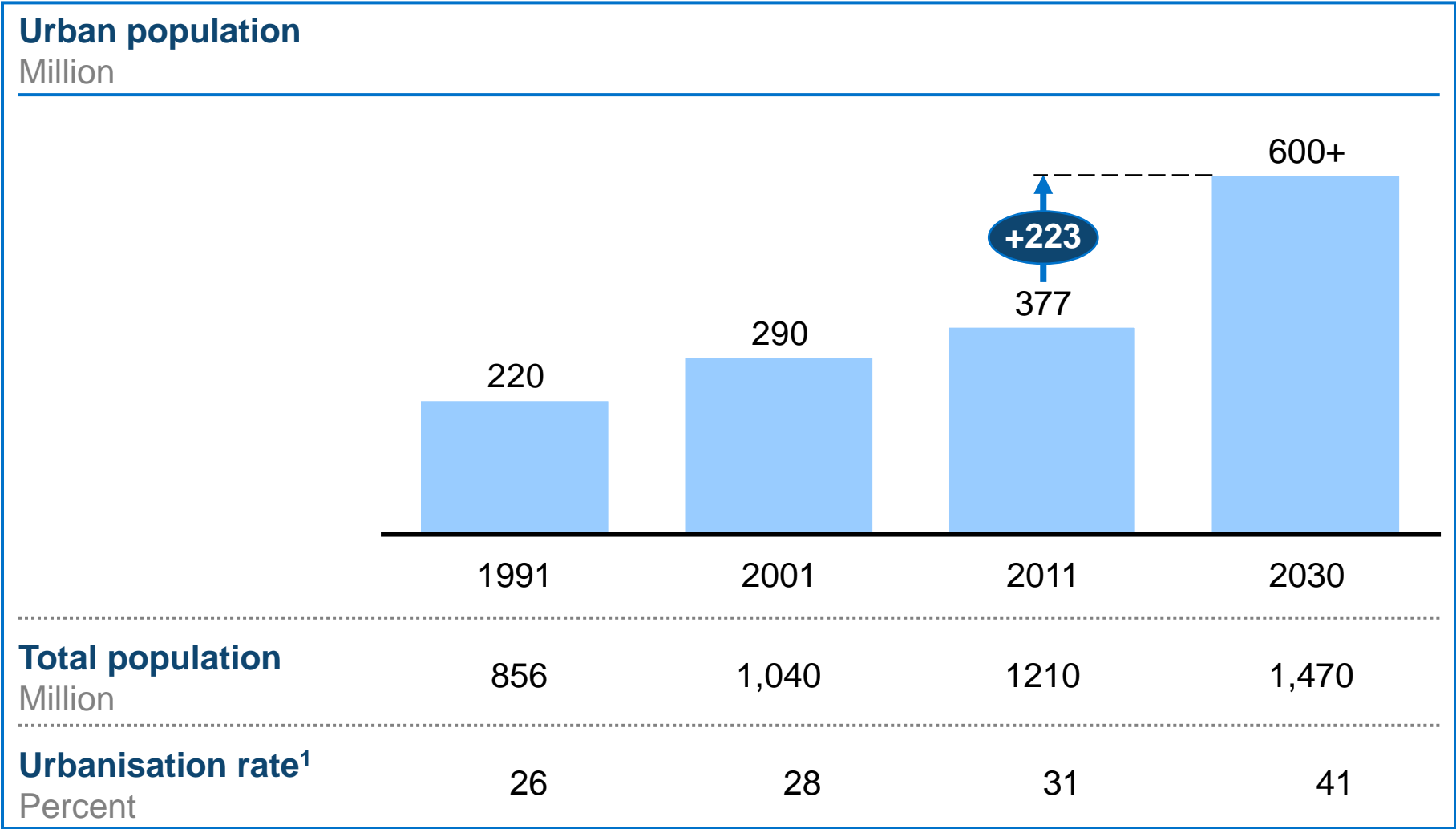
Executive summary

1 Cities are critical to India's future economic growth

2 Significant challenges exist in the current approach to India's urbanisation

3 At the same time, massive opportunities are visible

Cities are likely to house 40 percent of India's population by 2030

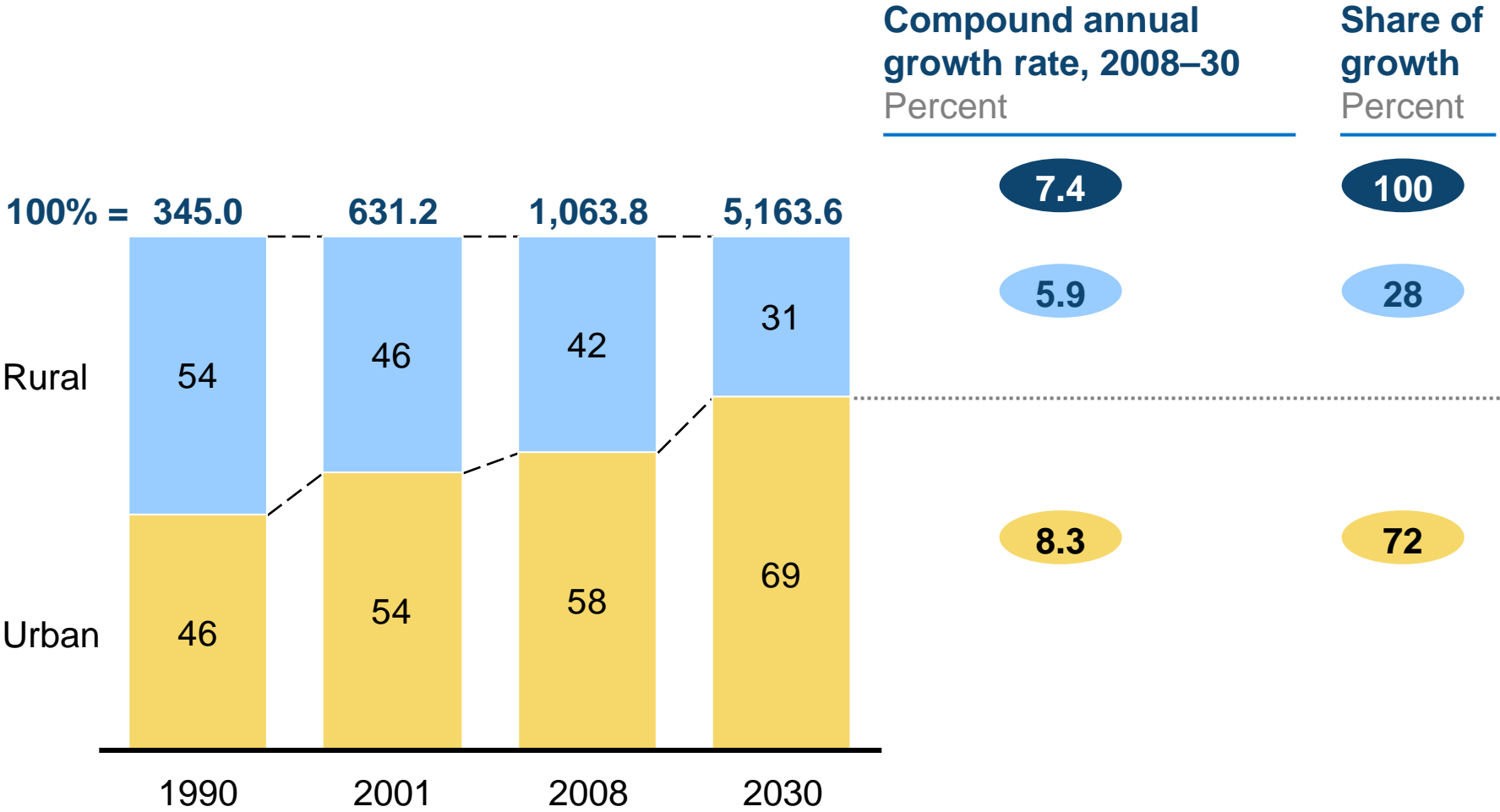


¹ Defined as the ratio of urban to total population based on the census definition of urban areas; population >5,000; density >400 persons per square kilometre; 75 percent of male workers in non-agricultural sectors; and statutory urban areas.

Cities will account for nearly 70 percent of India's GDP by 2030

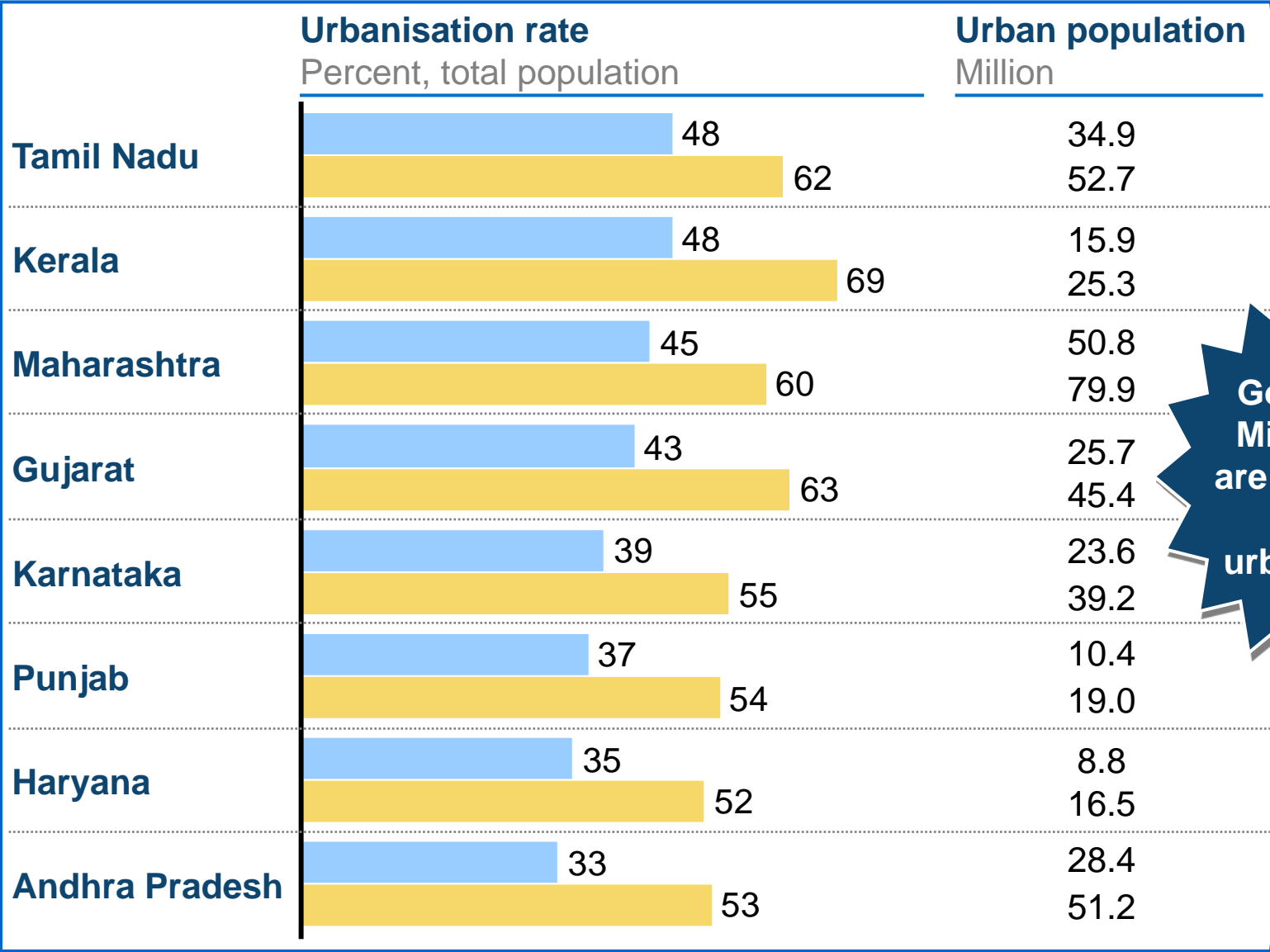
Share of India's GDP

Percent; USD billion, real 2008



SOURCE: India Urbanisation Econometric Model; McKinsey Global Institute analysis

10 states will be more than 50% urbanised by 2030



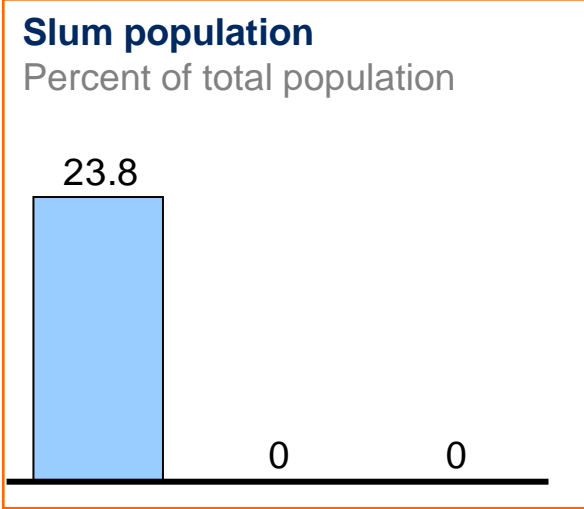
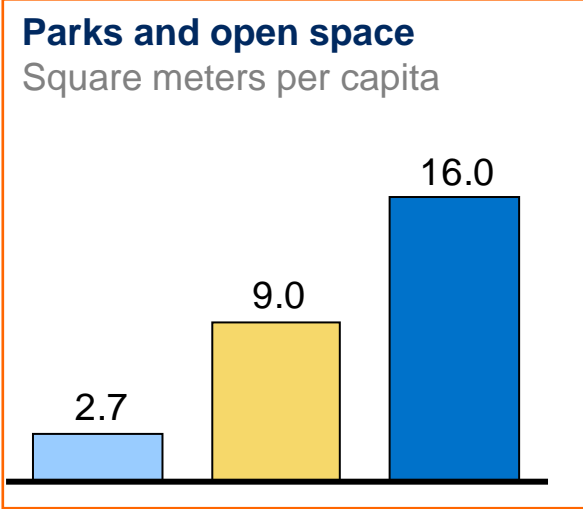
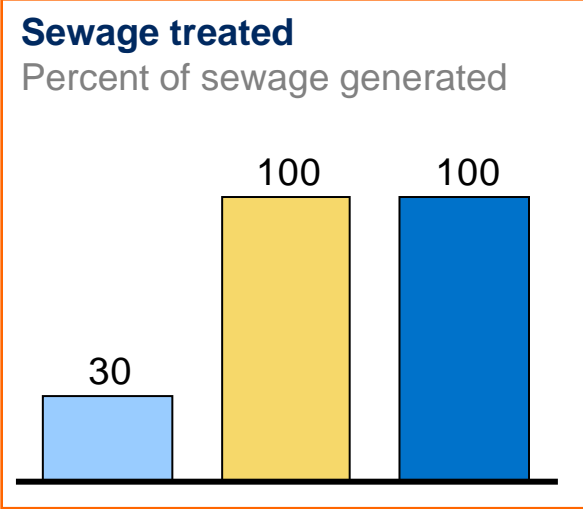
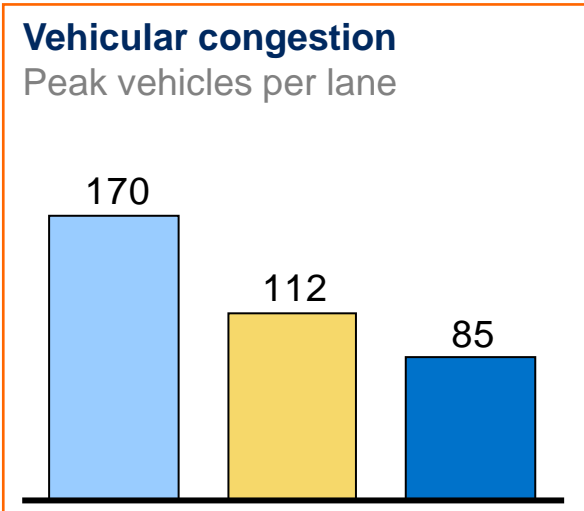
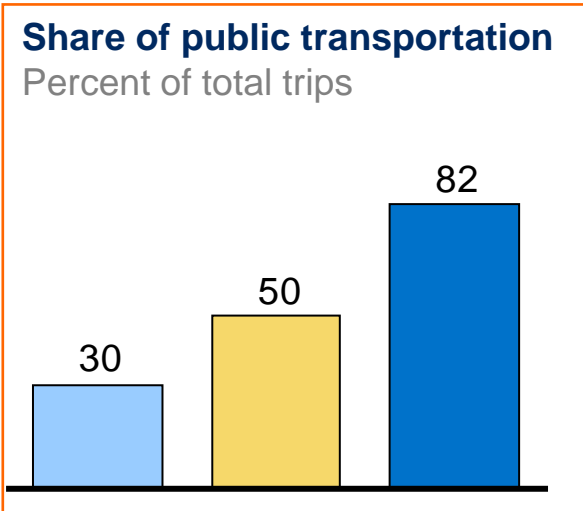
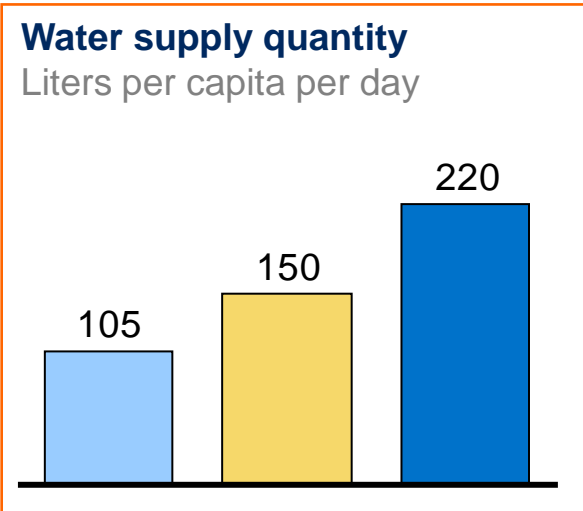
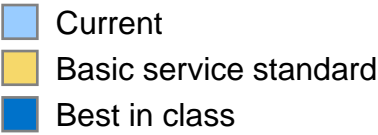
Goa and Mizoram are already 50% urbanised

SOURCE: McKinsey Global Institute India Econometric Model; Census 2011

Executive summary

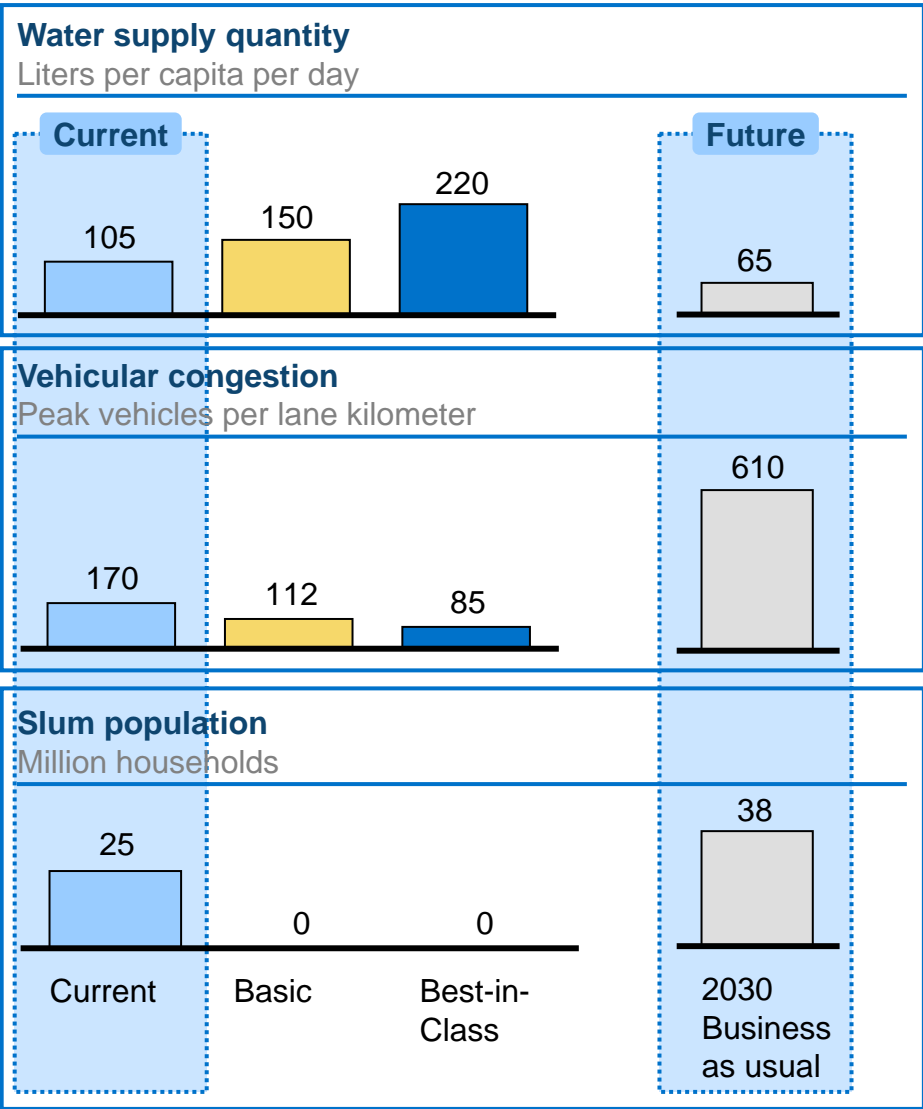
- 1 Cities are critical to India's future economic growth
- 2 Significant challenges exist in the current approach to India's urbanisation
- 3 At the same time, massive opportunities are visible

The current performance of India's cities is poor across key indicators of quality of life



SOURCE: United Nations; press search; City Development Plans (CDP); The Energy and Resources Institute (TERI); Planning Commission; Census 2001; Central Pollution Control Board (CPCB); McKinsey Global Institute analysis

Current trajectory will result in urban decay and gridlock



SOURCE: United Nations; Handbook of benchmarks, Ministry of Urban Development; W. Smith, Transportation Policies and Strategies in Urban India; National Council for Applied Economic Research; McKinsey Global Institute analysis

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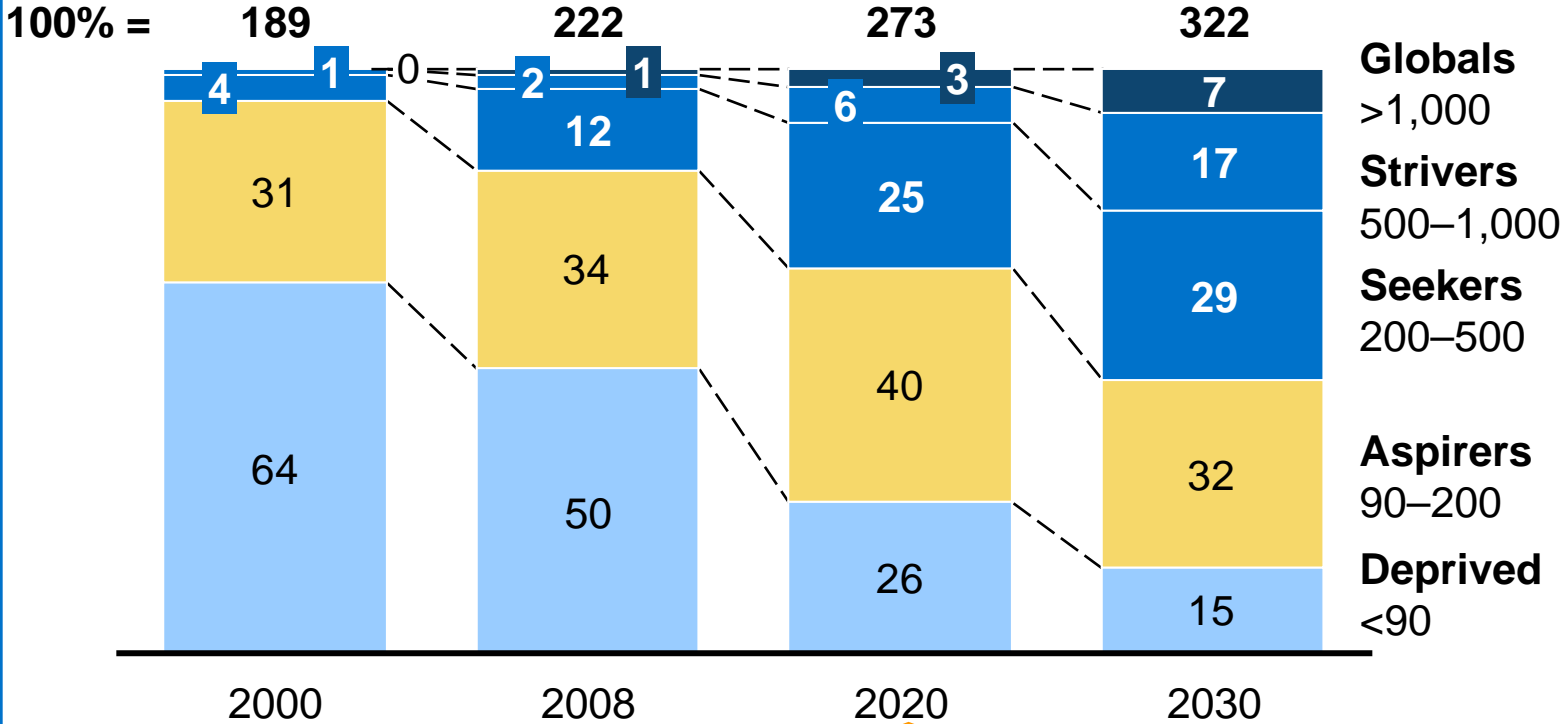
Urbanisation will dramatically increase the size of the Indian middle class

■ Middle class

All India households by income bracket, 2000-30

%, million households, 2000 prices

Income segment
` thousand



Middle class households swells from 10 million in 2000 to 148 million by 2030

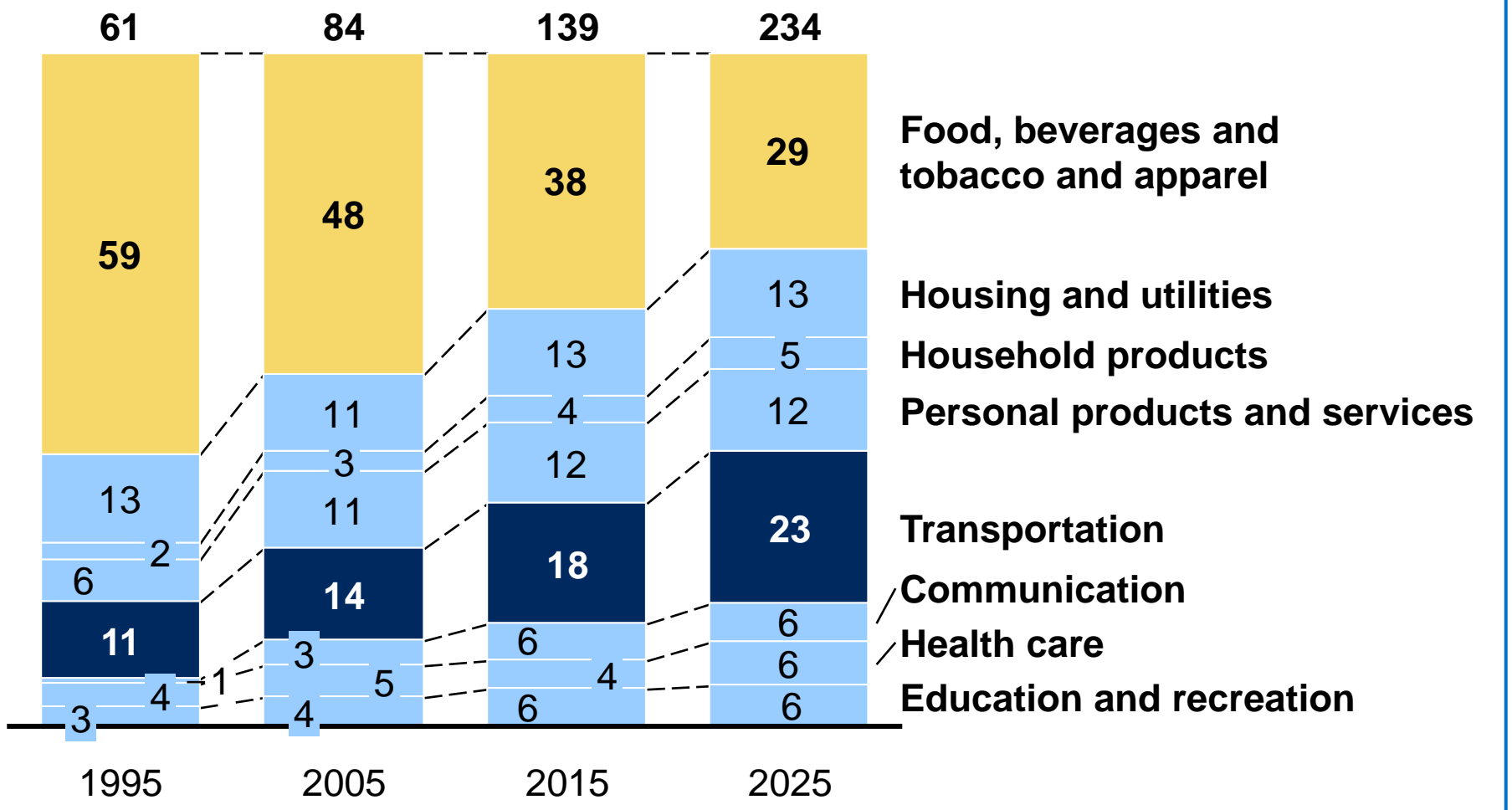
1 Middle-class: Strivers and Seekers category

India's share-of-wallet will shift from basic necessities to discretionary items

Discretionary spending
Necessities

Share of average household consumption

Percent, thousand, ` , at real prices 2000



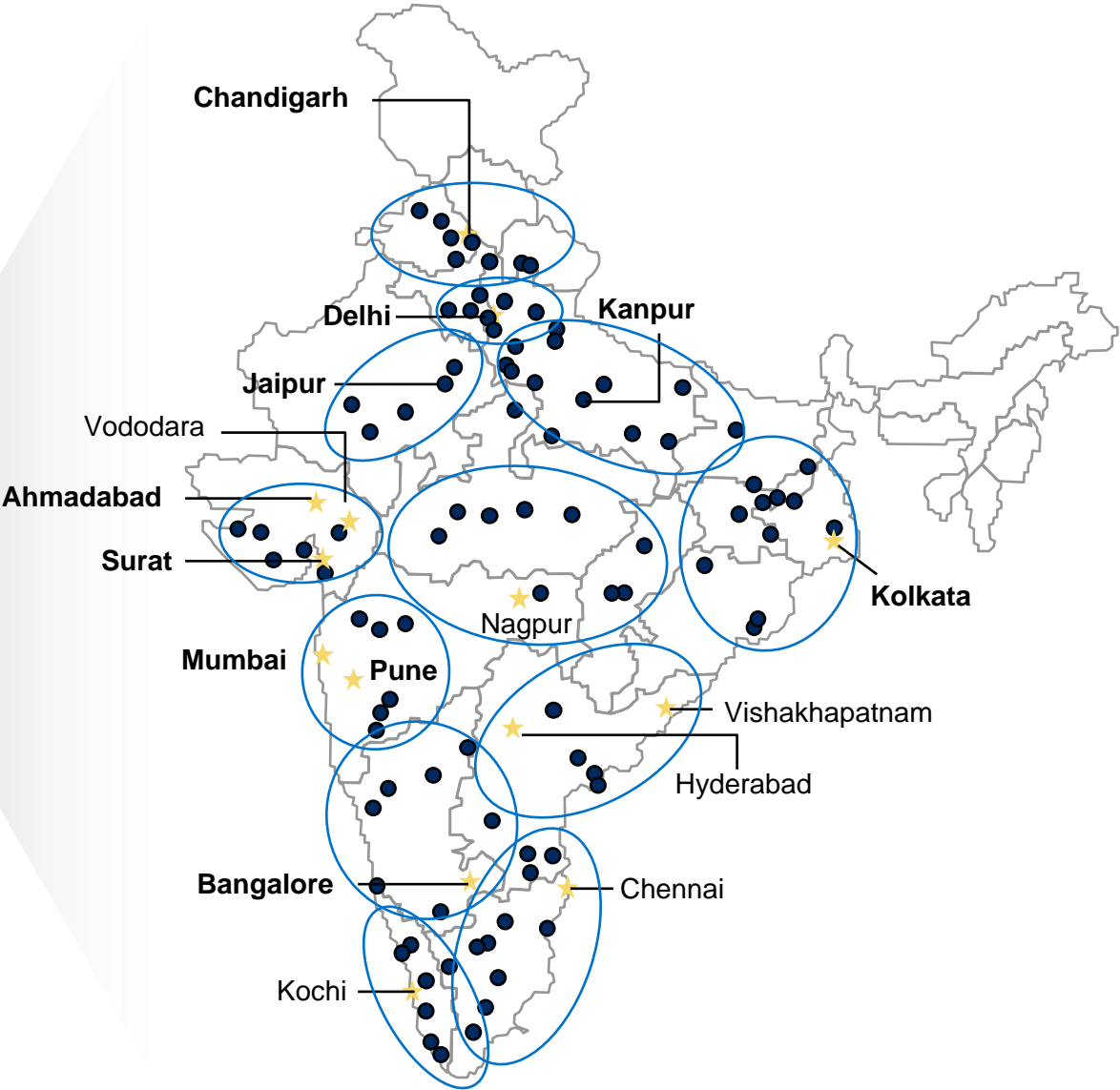
SOURCE: MGI India Consumer Demand Model

12 clusters will give access to 40% of the urban market

PRELIMINARY

Emerging clusters

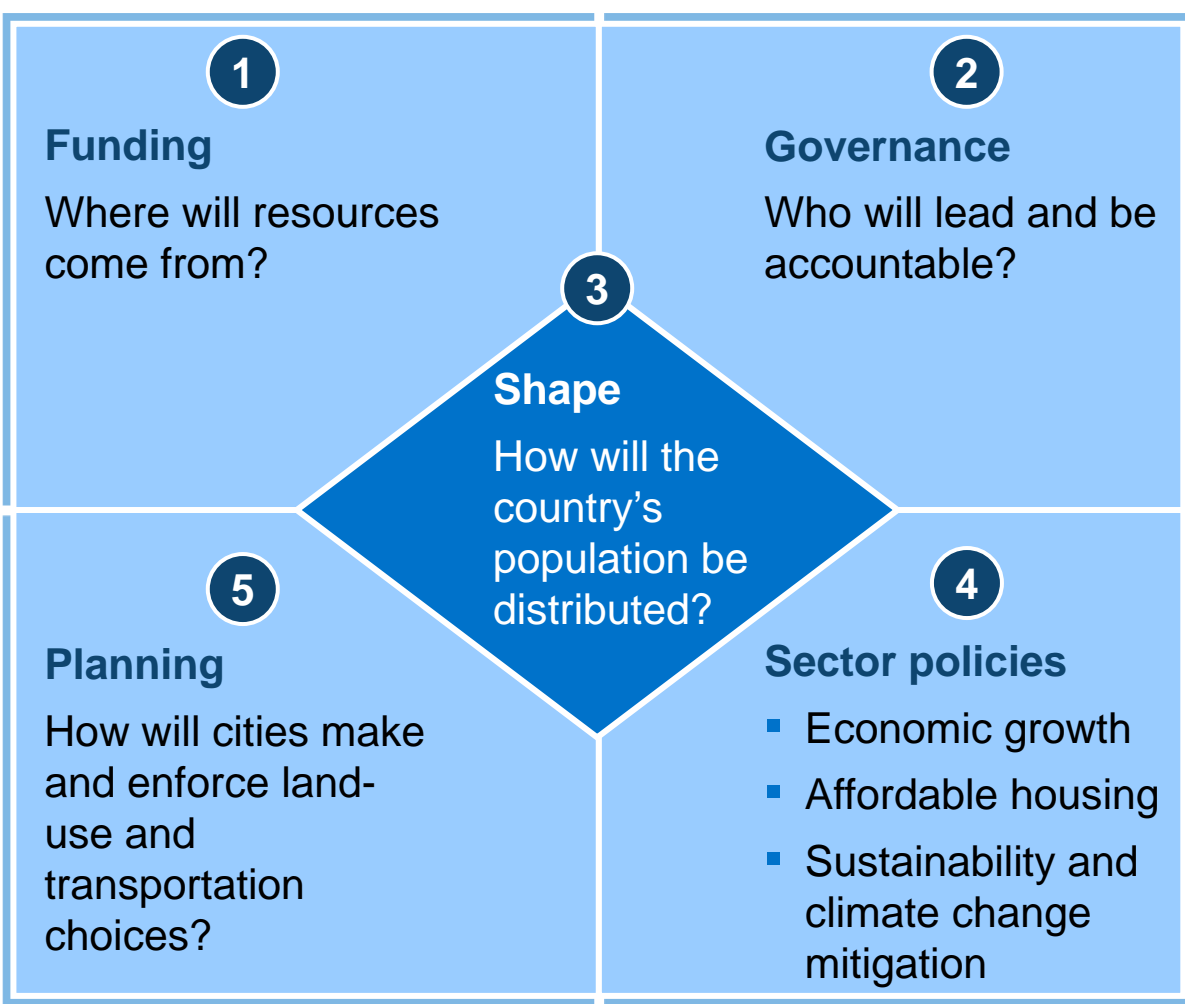
India can be disaggregated into 12 distinct clusters



1 Not included as of now

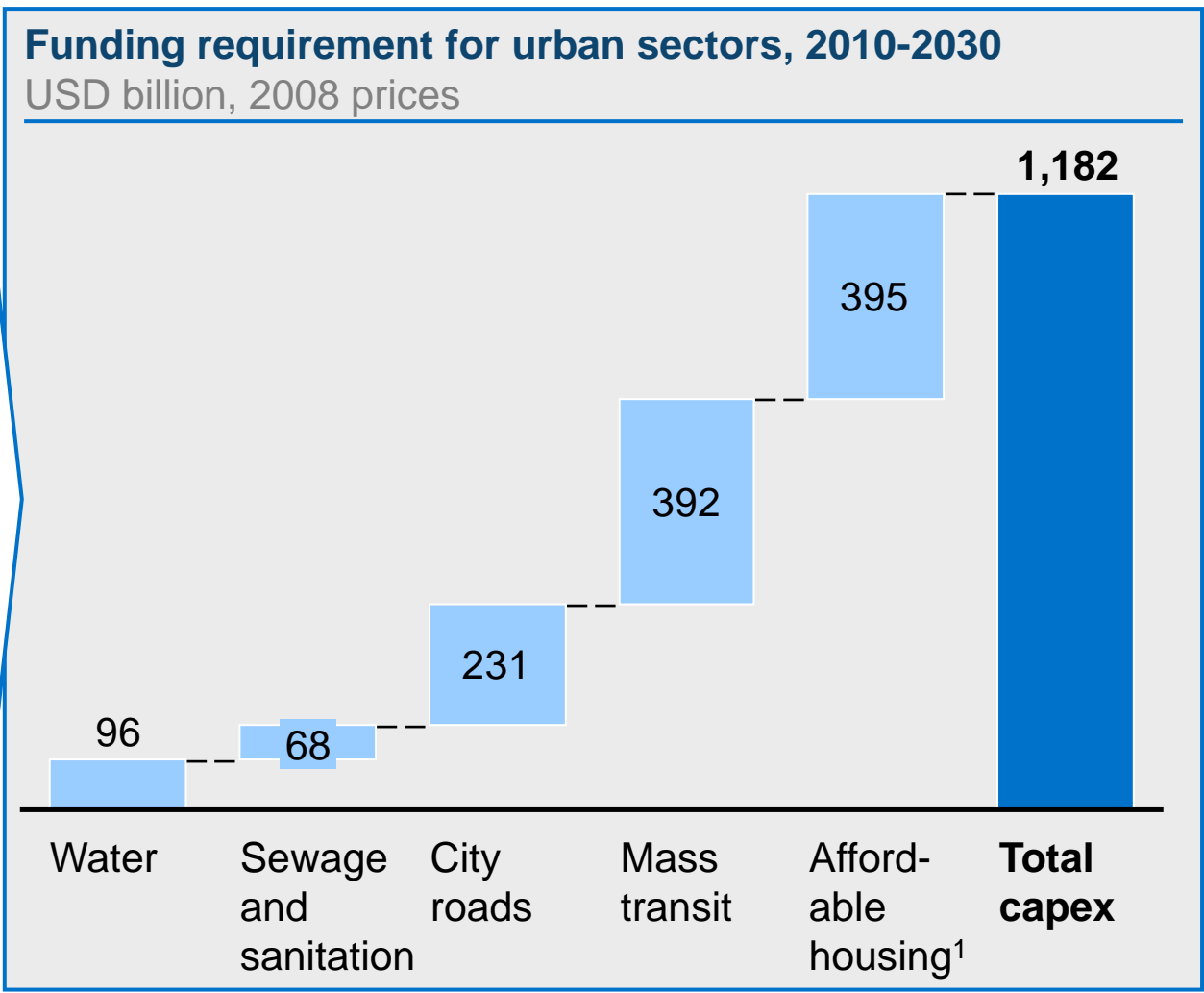
India's urban operating model should focus on five key elements

Elements of operating model



Indian cities need capital funding of USD 1.2 trillion over 20 years

USD per capita per annum

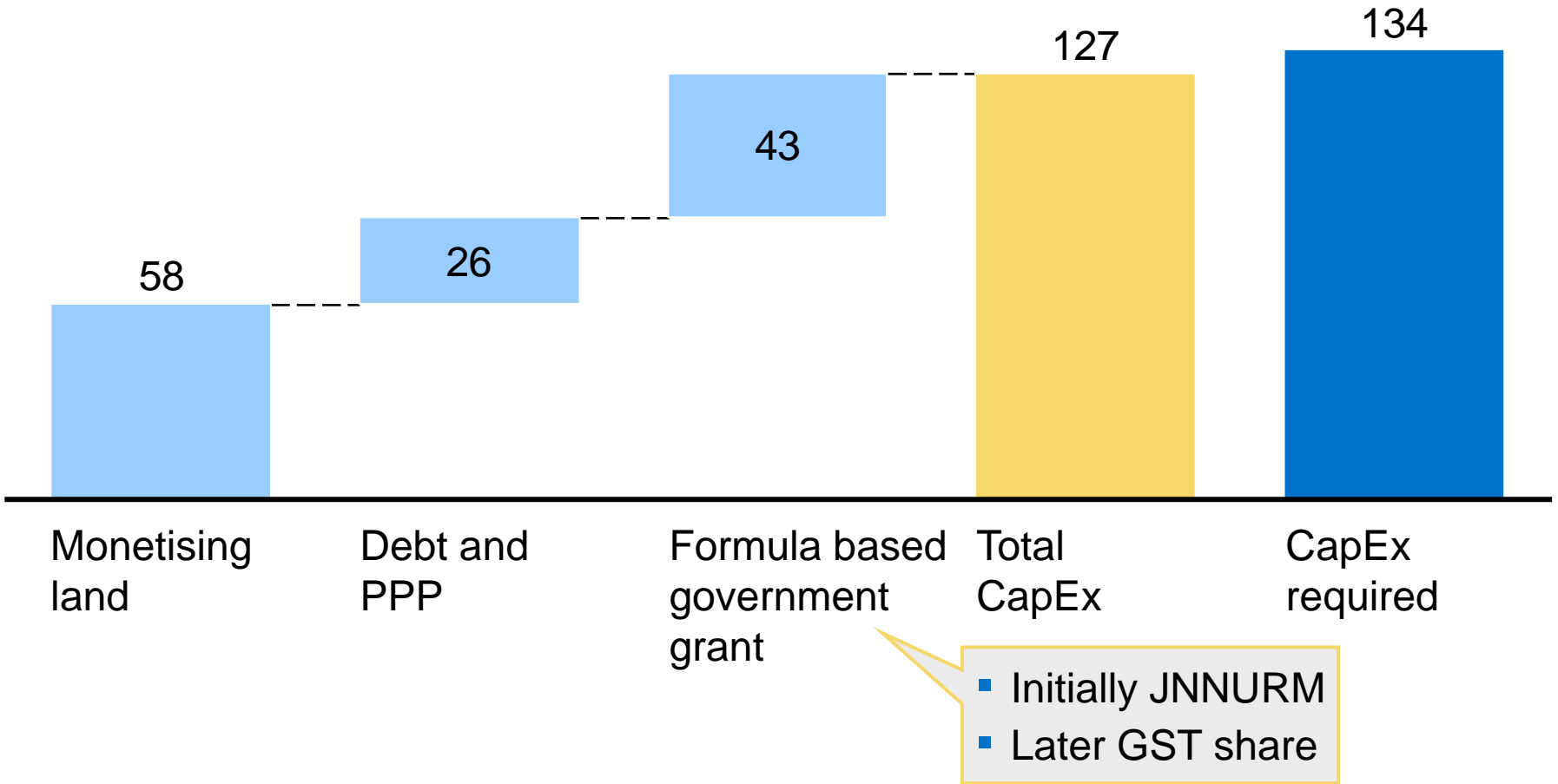


¹ Net of beneficiary contribution

India needs to leverage some new sources to satisfy urban funding requirements

CapEx

USD per capita per annum, 2008 prices



NOTE: Numbers may not sum due to rounding

Robust planning has been at the heart of urban transformations

PLANNING

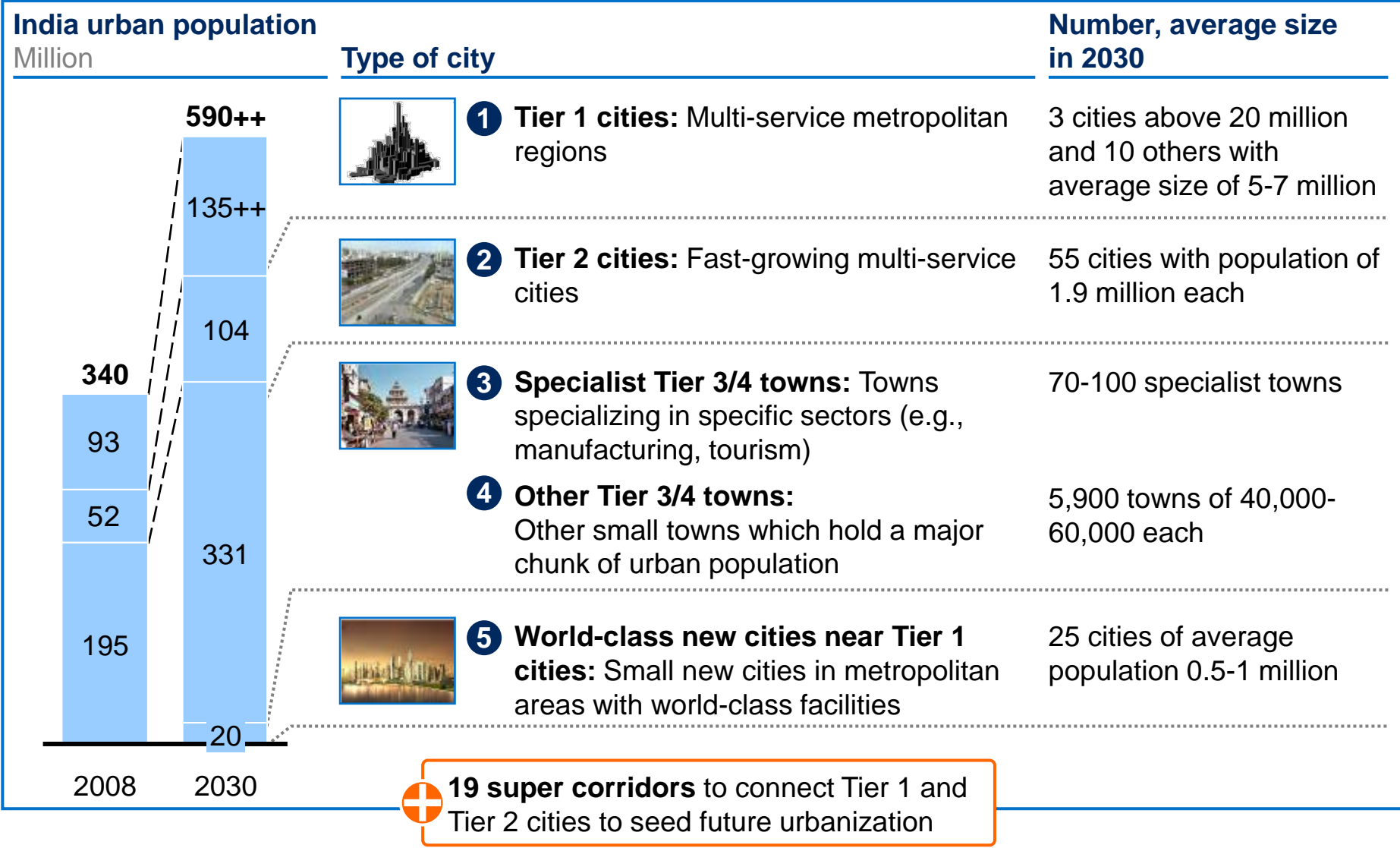
Shenzhen
(China)



Singapore



India needs to facilitate a planned portfolio of cities including greenfield cities

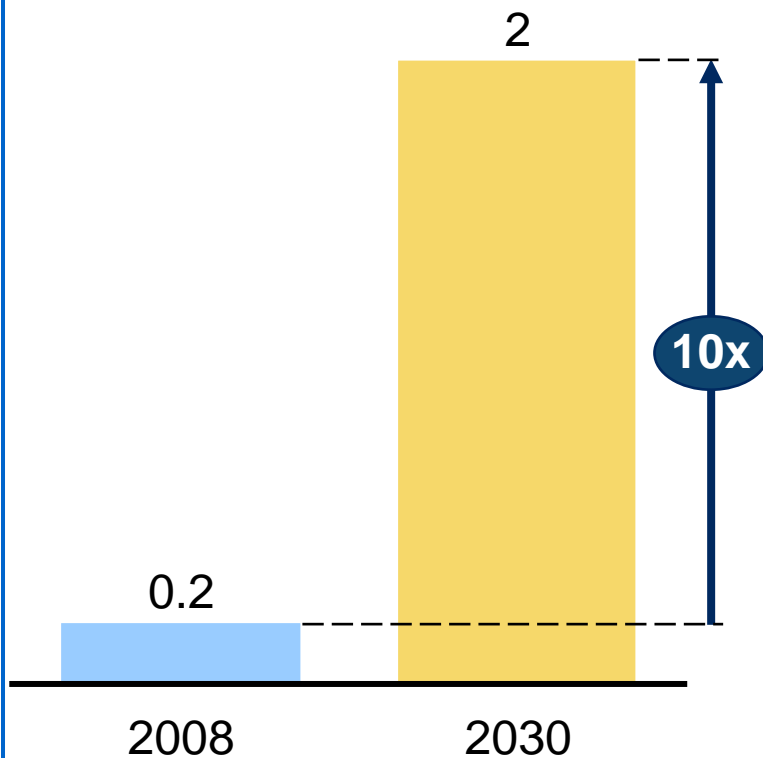


SOURCE: India Urbanization Econometric Model; McKinsey Global Institute analysis

India needs to build 2 million low-income housing units per annum

10-fold increased build-out of low-income housing possible

Million



Need to find a policy sweet-spot across 6 areas

- 1 Additional FAR of upto 1
- 2 Capital Grant of ` 80,000 per house
- 3 Interest subsidy
- 4 National mortgage guarantee fund
- 5 30% stock for rental housing
- 6 Appropriate land use and land expansion policy

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Backup