

Urbanization in China & Lessons Learned

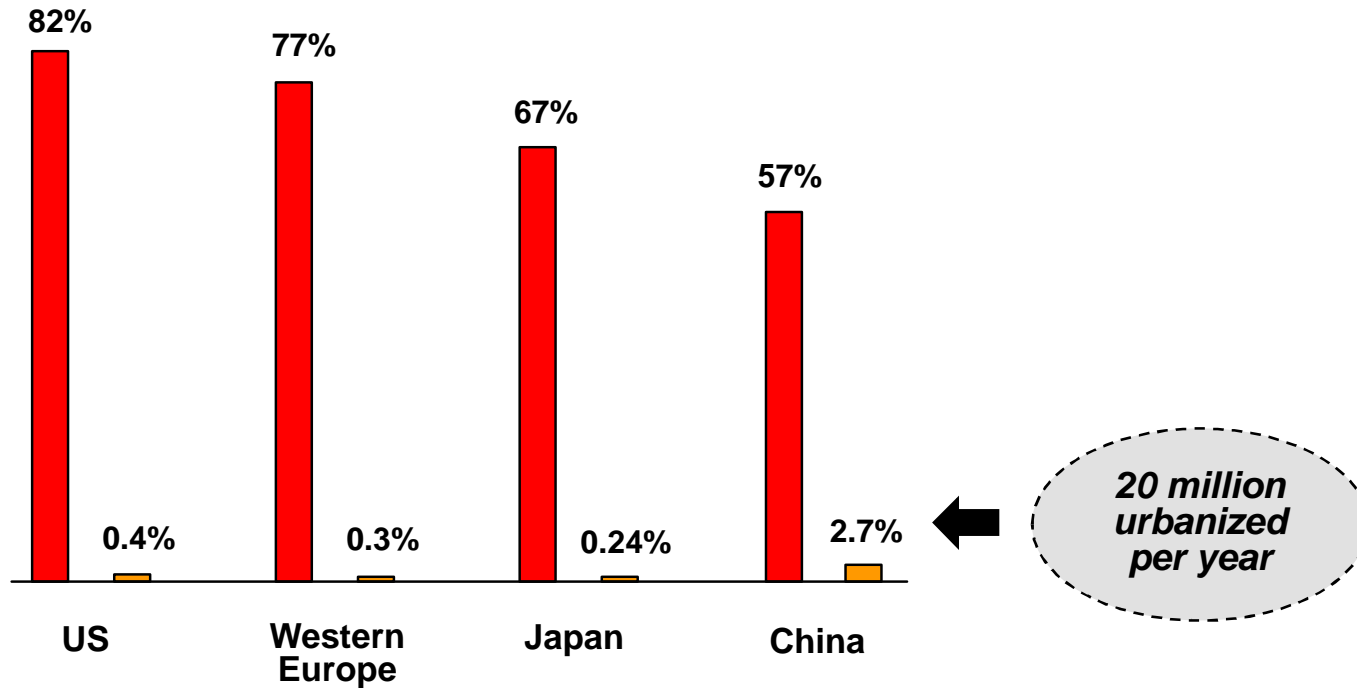
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Urbanization – A Global Comparison



* estimates for 2009

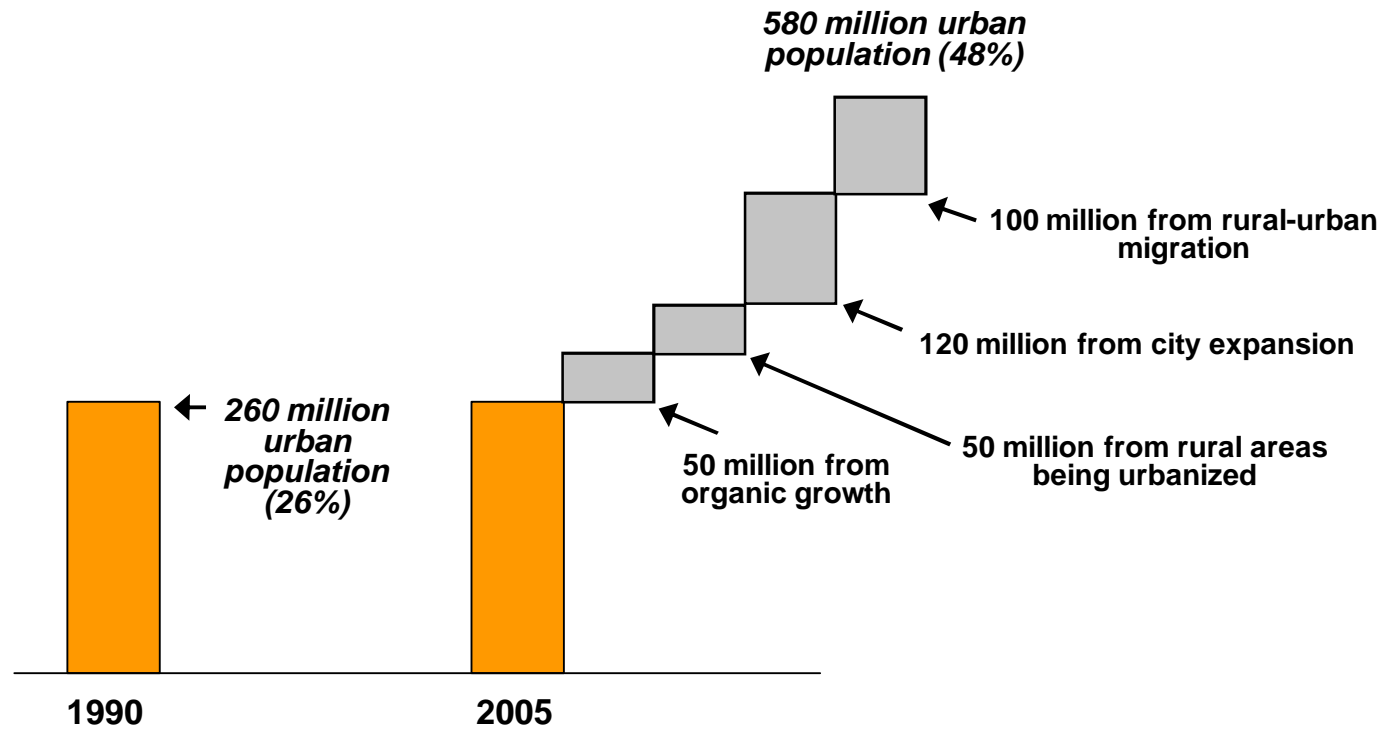
- % of population urbanization
- growth rate of urbanization



The Dynamics of Urbanization in China



* Migrant workers are NOT urban residents

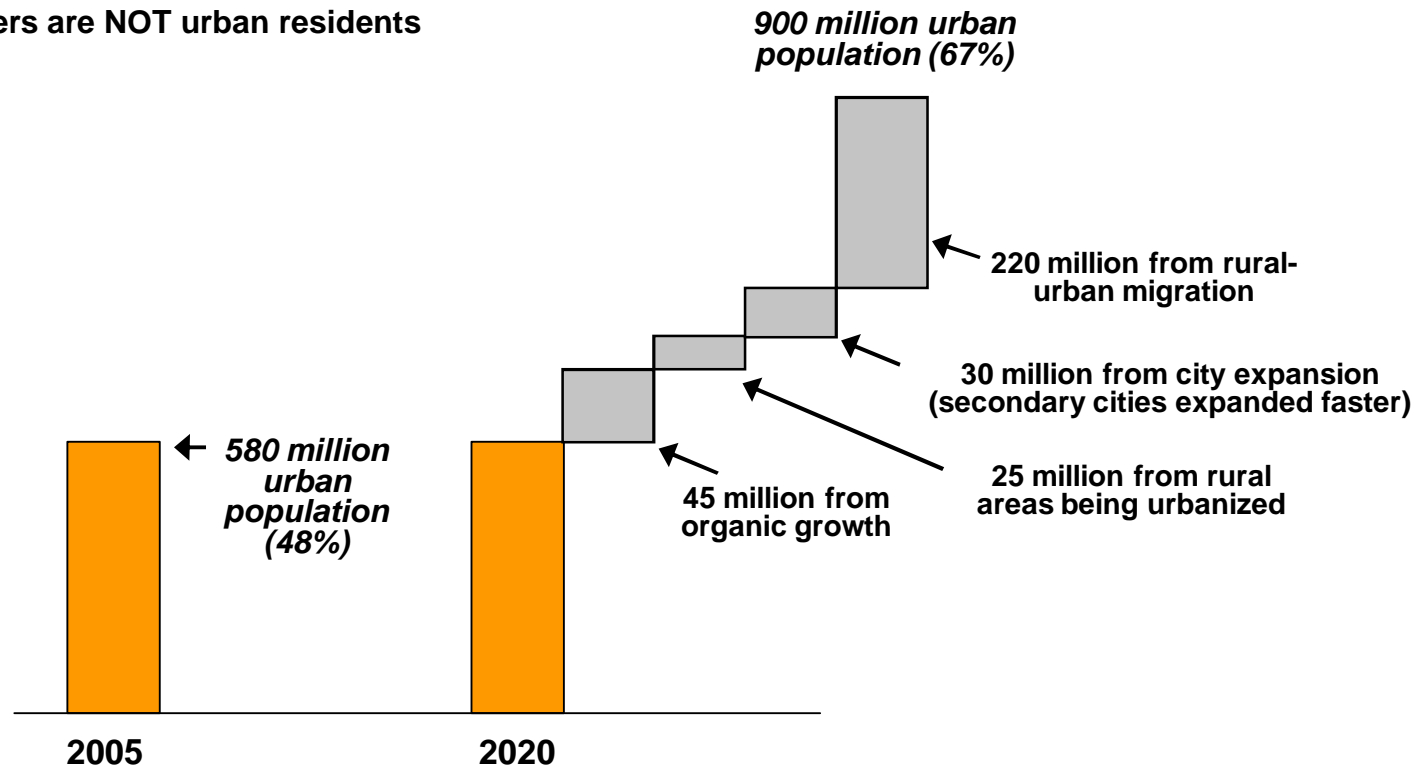


(China Development Institute, MasterCard Worldwide)

The Dynamics of Urbanization in China

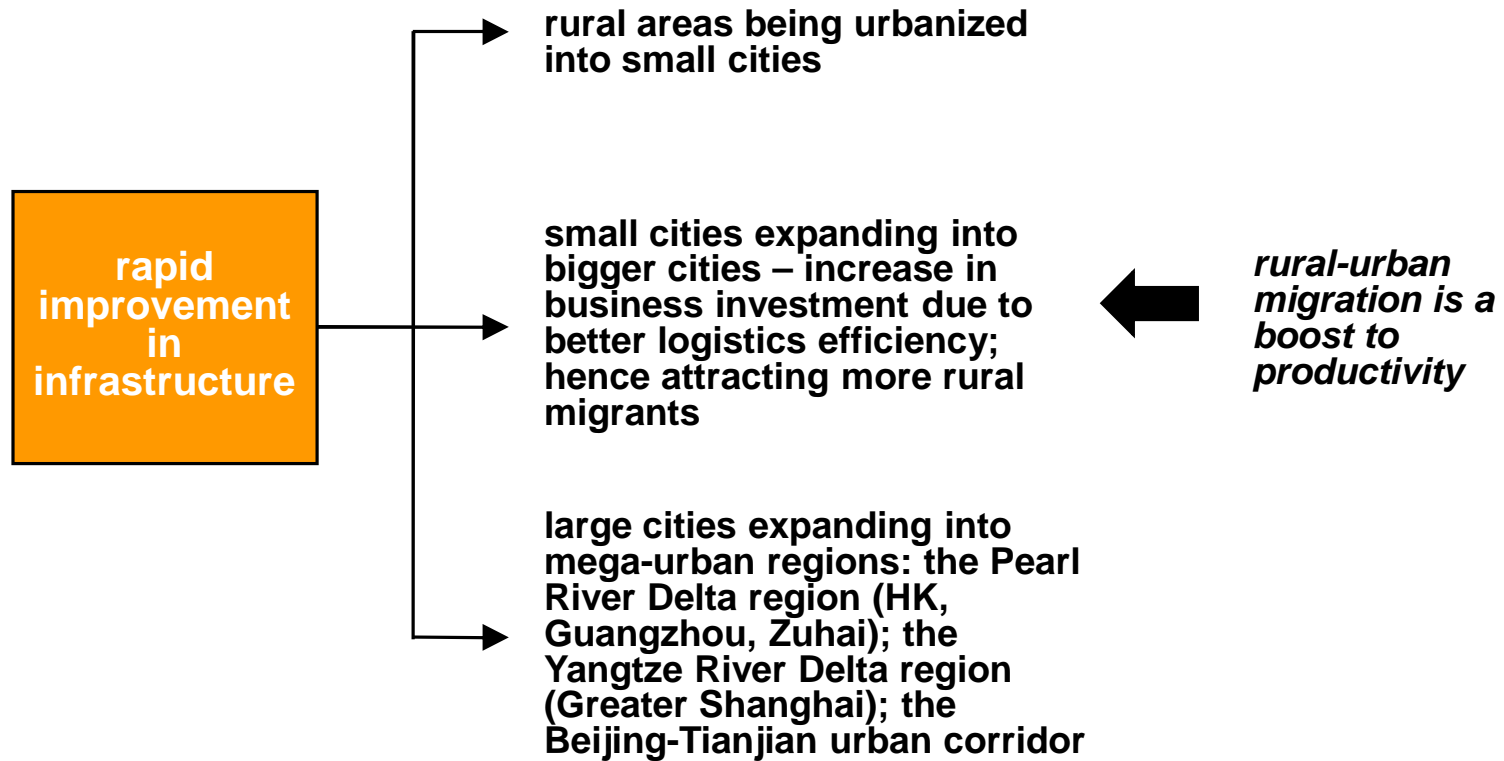


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(China Development Institute, MasterCard Worldwide)

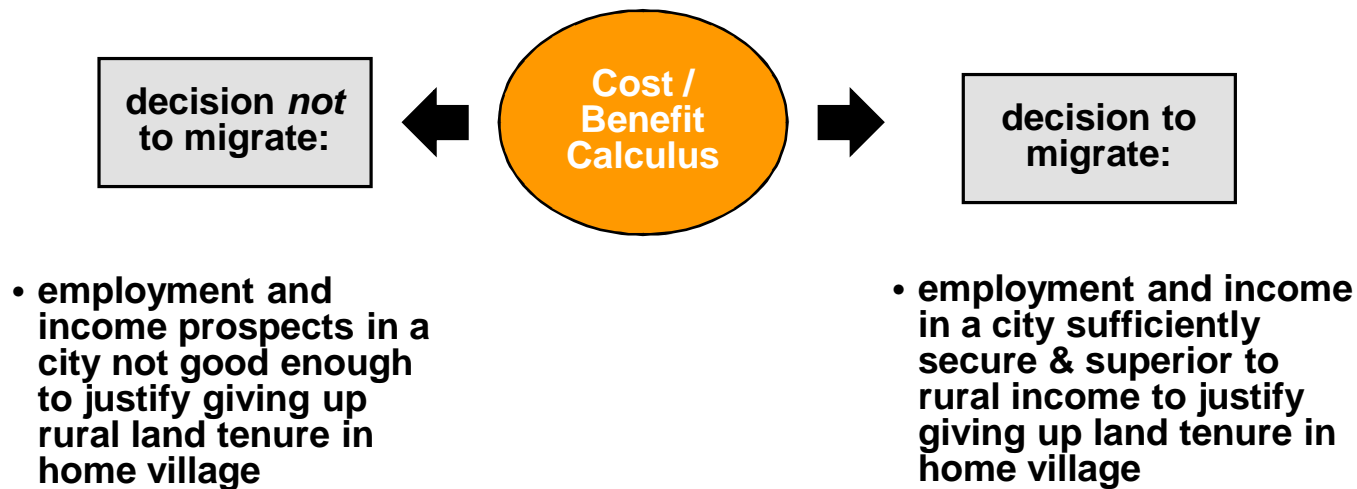
The Dynamics of Urbanization in China



The Dynamics of Urbanization in China



* rural-urban migration is self-regulating with an implicit cost/benefit calculus because acquiring an urban residence permit (*hukou*) means giving up rural land tenure



China's Urban Environment



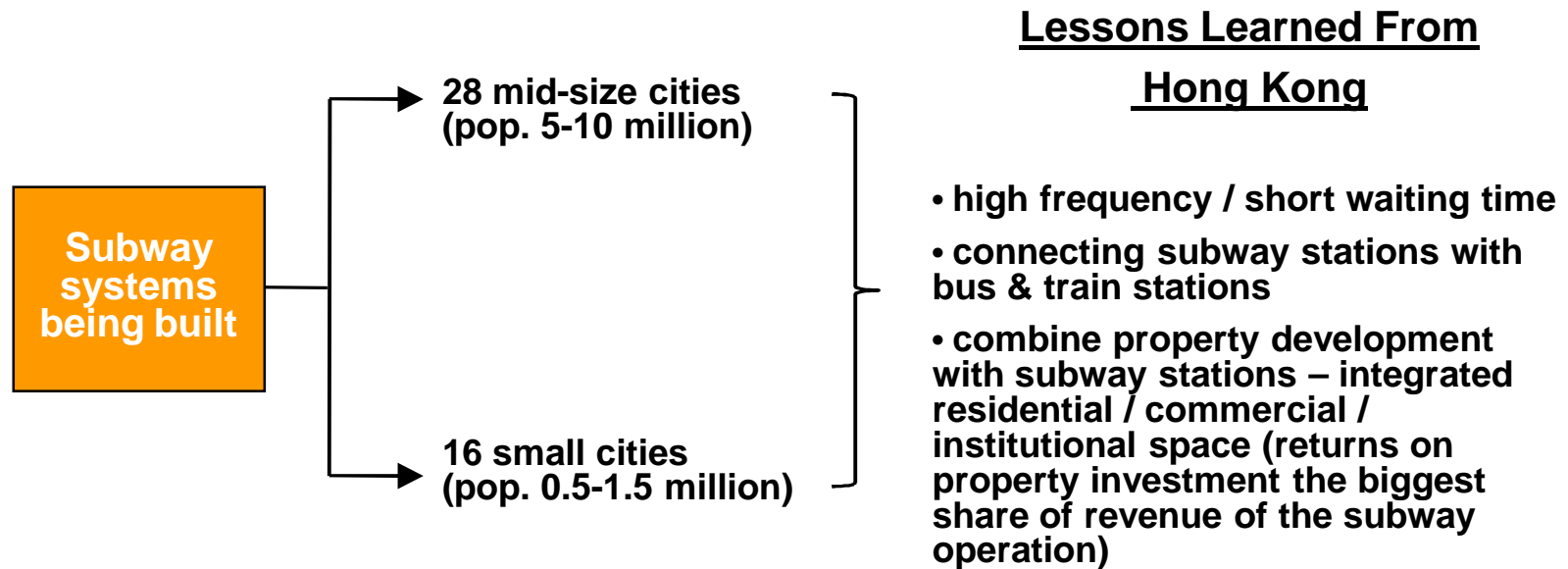
* given appropriate policies and investment, the environmental challenge is actually easier to address in urban areas

Air Pollution in Beijing in 2006

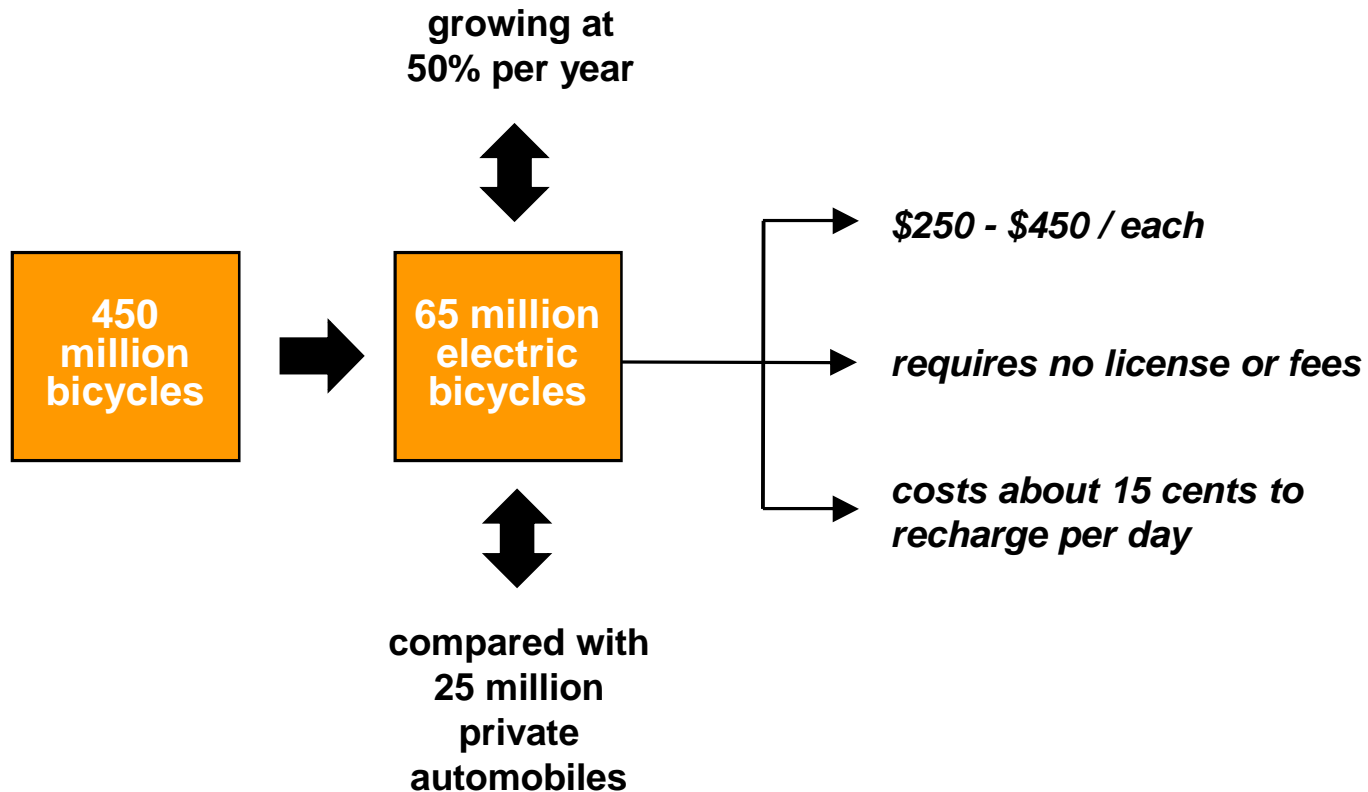
ambient sulfur dioxide level	<ul style="list-style-type: none">• 25% below peak level in mid-1990s• 40% below Tokyo's peak level in the 1960s• 45% below Seoul's peak level in the early 1990s
level of suspended particulate matters	<ul style="list-style-type: none">• 35% below Tokyo's peak level in mid-1970s• 40% below Seoul's peak level in mid-1990s
nitrogen dioxide level	<ul style="list-style-type: none">• never reached the peak level in Tokyo in the 1980s• never reached the peak level in Seoul in 1985

(*Carnegie Endowment for International Peace*)

Urban Transport - Subways



Urban Transport – Ubiquity of Bicycle Lanes



Some Implications for Urbanization in India

