

# Asian Urbanization

## challenges and visions

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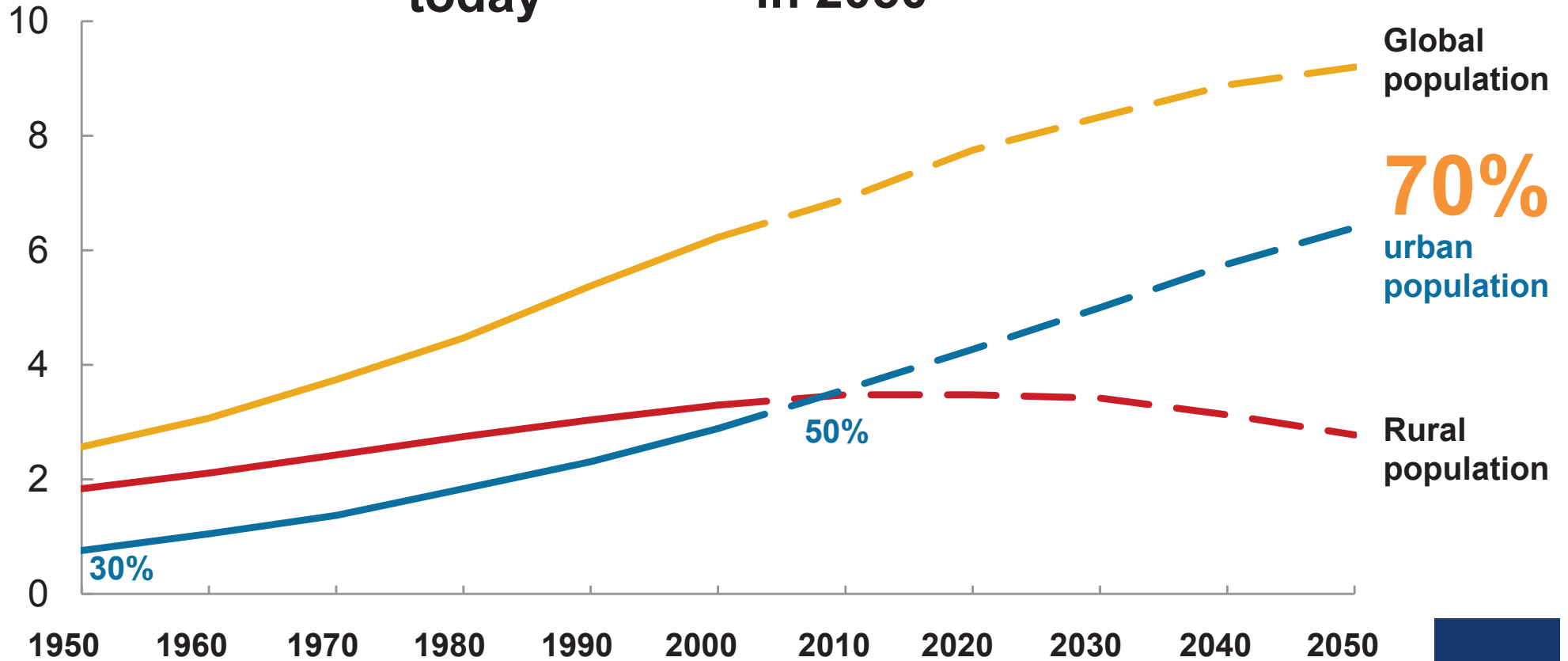
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# GLOBAL DEMOGRAPHIC SHIFT TO CITIES

## Global urban population

**54%** today → **70%** in 2050

Billion People



Sources: (1) Population curves: LSE Cities and Oxford Economics based on United Nations World Urbanization Prospects, 2007 Revision and Oxford Economics City 750 database. See Floater, G., Rode, P., Robert, A., Kennedy, C., Hoorweg, D., Slavcheva, R. and Godfrey, N., 2014 (forthcoming). Cities and the New Climate Economy: the transformative role of global urban growth. New Climate Economy contributing paper. LSE Cities, London School of Economics and Political Science..

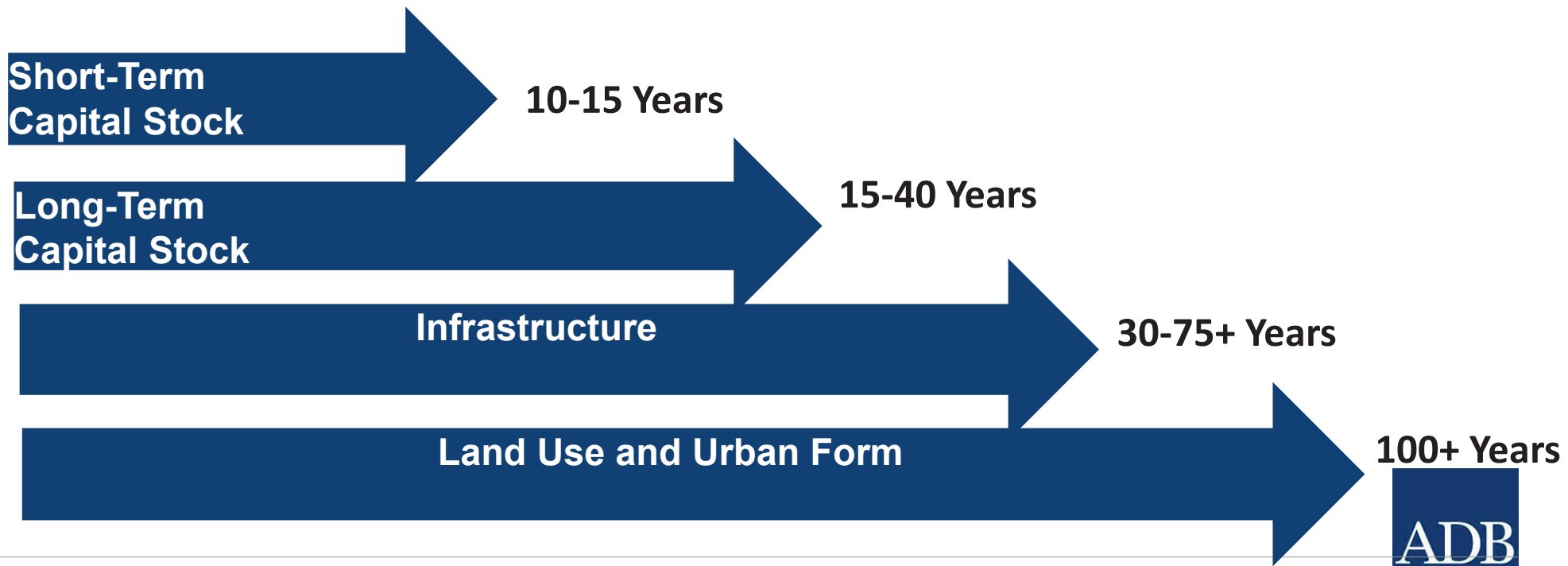
# Emerging Urban Challenges in the Region

- Manage urban growth by 2050
- Urban inefficiencies are a brake on economic growth
- Over 250 million citizens are poor, many countries are aging
- Cities use 85% of energy and cause at least 75% of GHGs
- Especially vulnerable to climate change

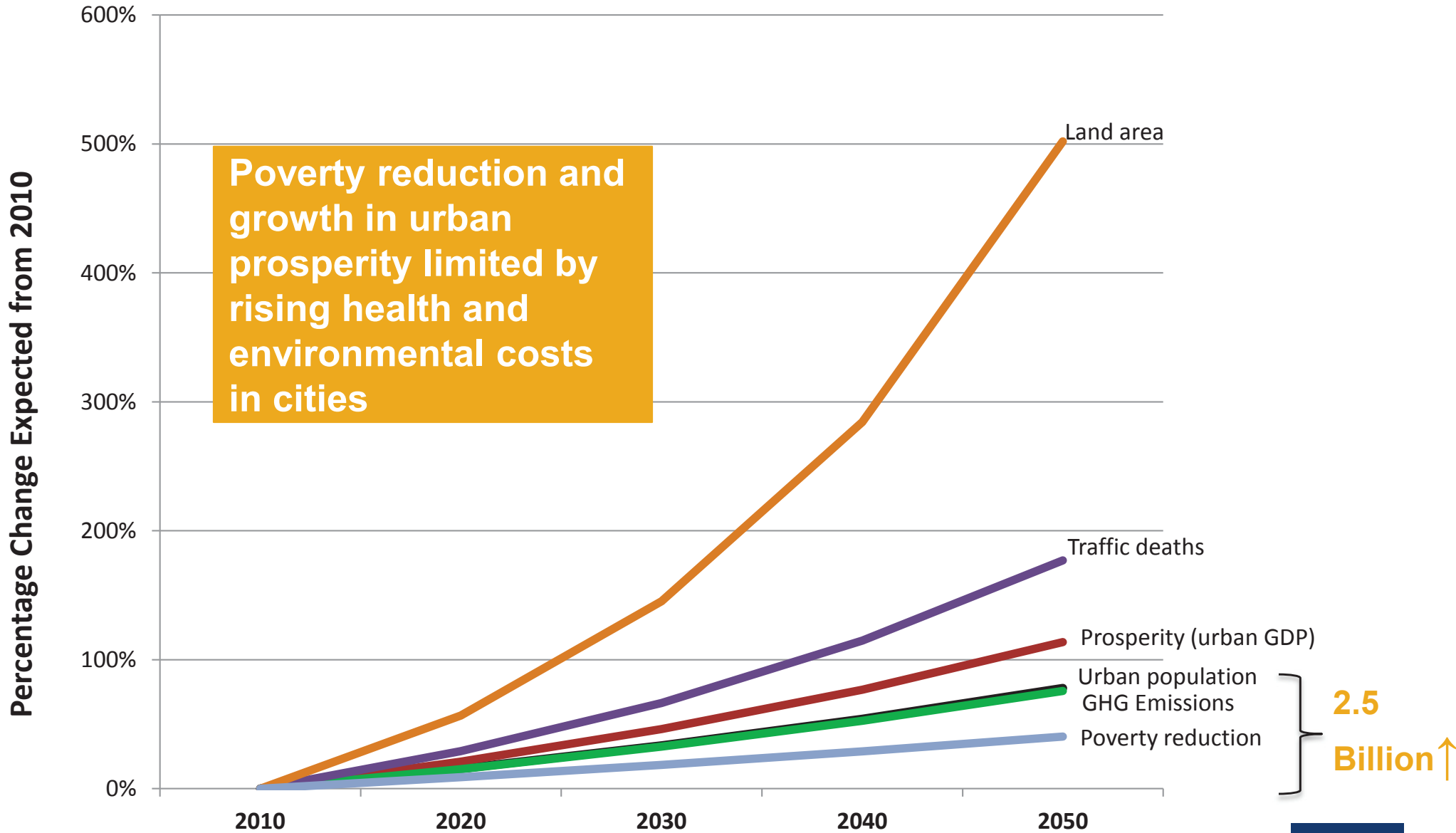
**Solution: Resilient and Smart Growth**

# TODAY'S CHOICES ARE LOCKING US IN

- Choices about long-lived capital investments have long-lasting implications for carbon emissions
- **Serious lock in effects of land use, urban form and urban services infrastructure**



# Business as usual trends MUST CHANGE



Sources -- Urban population: NCE. 2014. Cities paper on Transformative Urban Growth; Prosperity: MGI. 2011. Mapping Our Urban World; GHG Emissions: Global GHG Calculator. 2014; Land area: Scientific American. 2012; Traffic deaths and injuries: WHO. 2013. Linear projection from Global Status Report on Road Safety data.

# EMERGING CONSENSUS ON SOLUTIONS – THE NEW CLIMATE ECONOMY PROJECT



VS



Promoting Economic  
Growth

Fighting Climate  
Change

***IS A FALSE DILEMMA***

***It is possible to have better growth and a  
better climate at the same time***

# DIFFERENT MODELS, VERY DIFFERENT OUTCOMES

## ATLANTA

Atlanta's built-up area



Population: **2.5** million  
Urban area: **4,280** km<sup>2</sup>  
Transport carbon emissions: **7.5**  
tonnes CO<sub>2</sub> per person (public+  
private transport)

## BARCELONA

Barcelona's built-up area



Population: **2.8** million  
Urban area: **162** km<sup>2</sup>  
Transport carbon emissions: **0.7**  
tonnes CO<sub>2</sub> per person (public+  
private transport)

**What is your choice**

**Thank you**