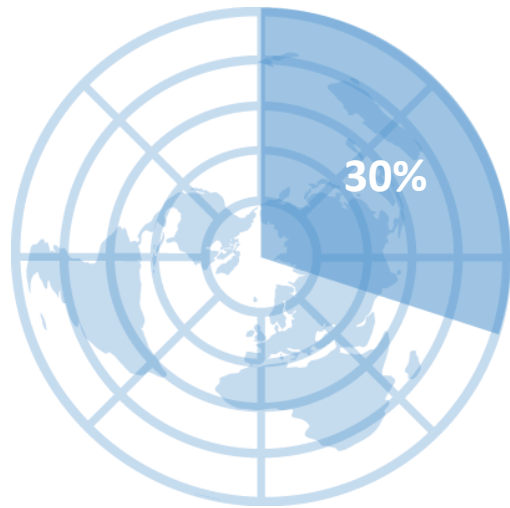




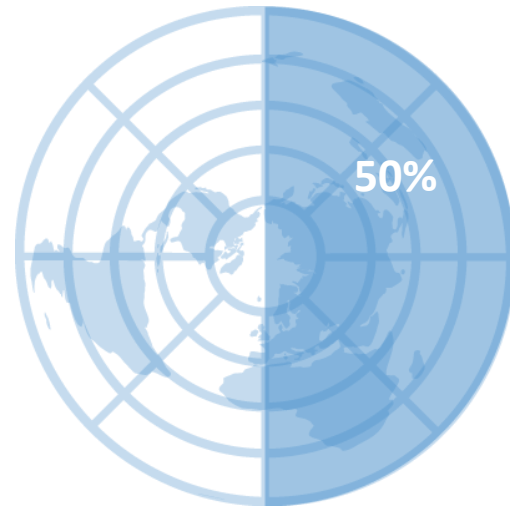
Shifting to walking, cycling and using public transport in African cities: challenges and opportunities

Cecilia Andersson
Lead, Urban Mobility
UN-Habitat

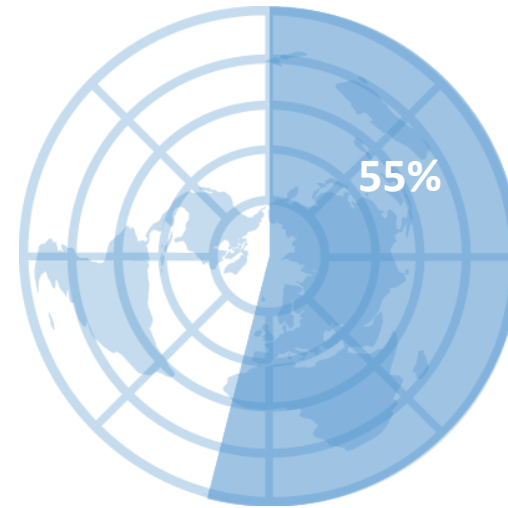
Rapid Urbanization Worldwide: Urban Population Projection



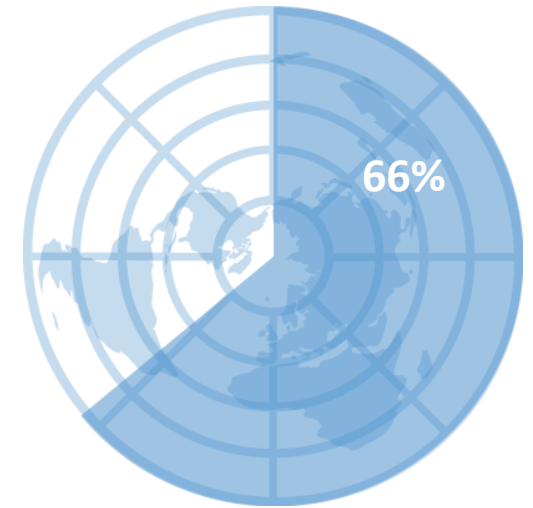
1930



2008



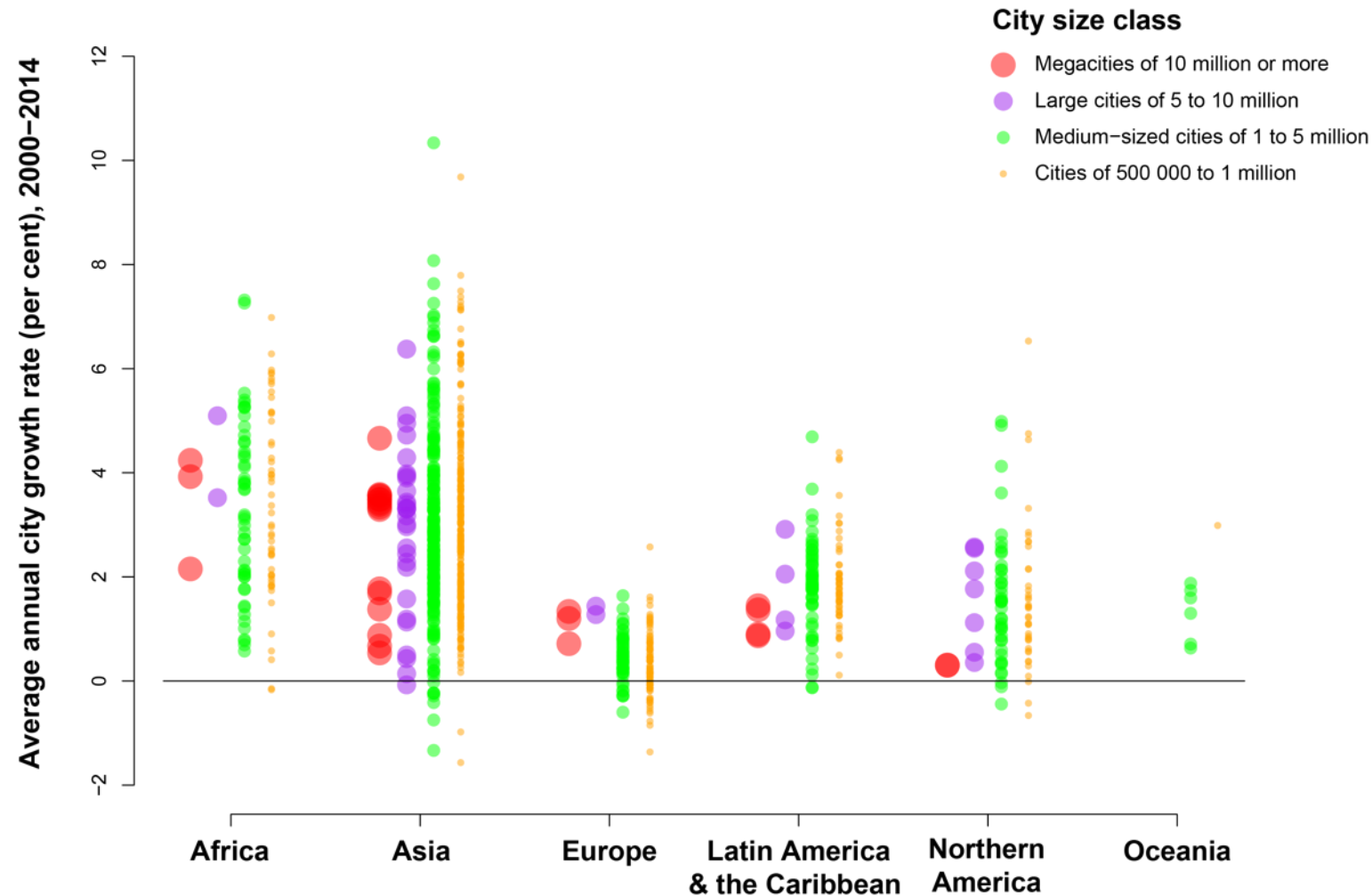
2018



2050

Source: United Nations, Department of Economic and Social Affairs, Population Division (2014), World Urbanization Prospects

More Cities of All Sizes; Fastest Growth in Africa and Asia

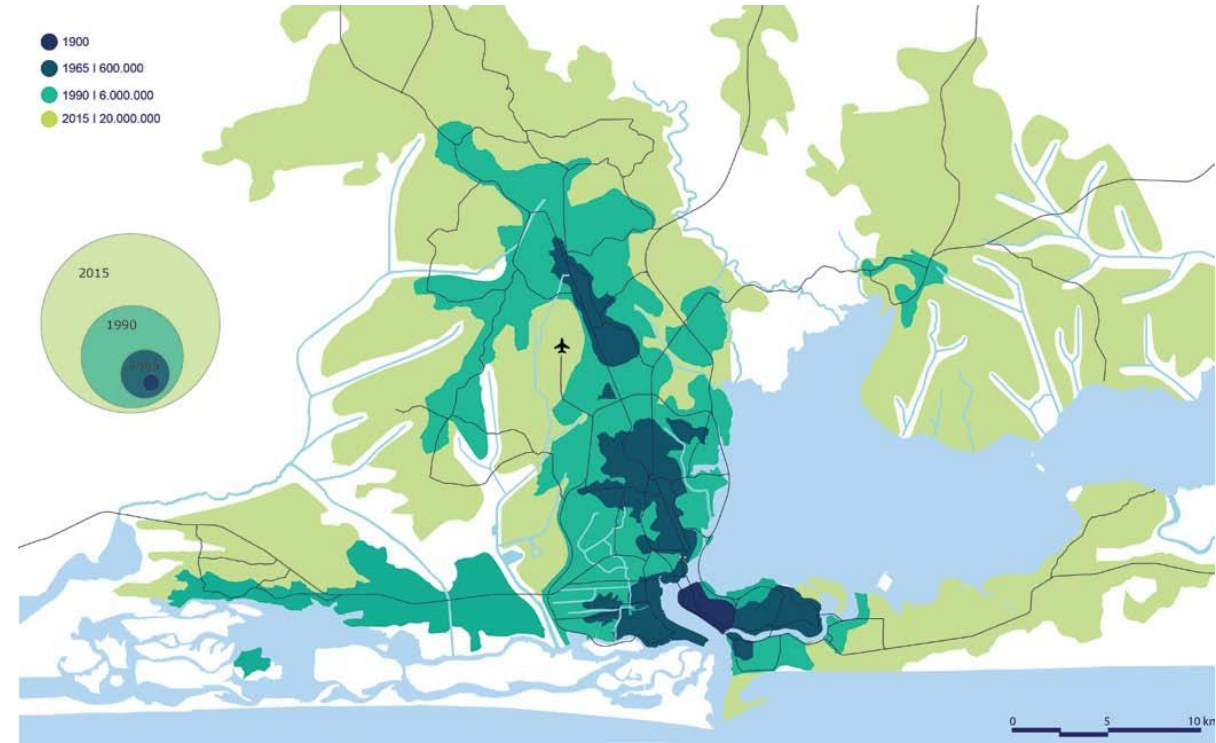
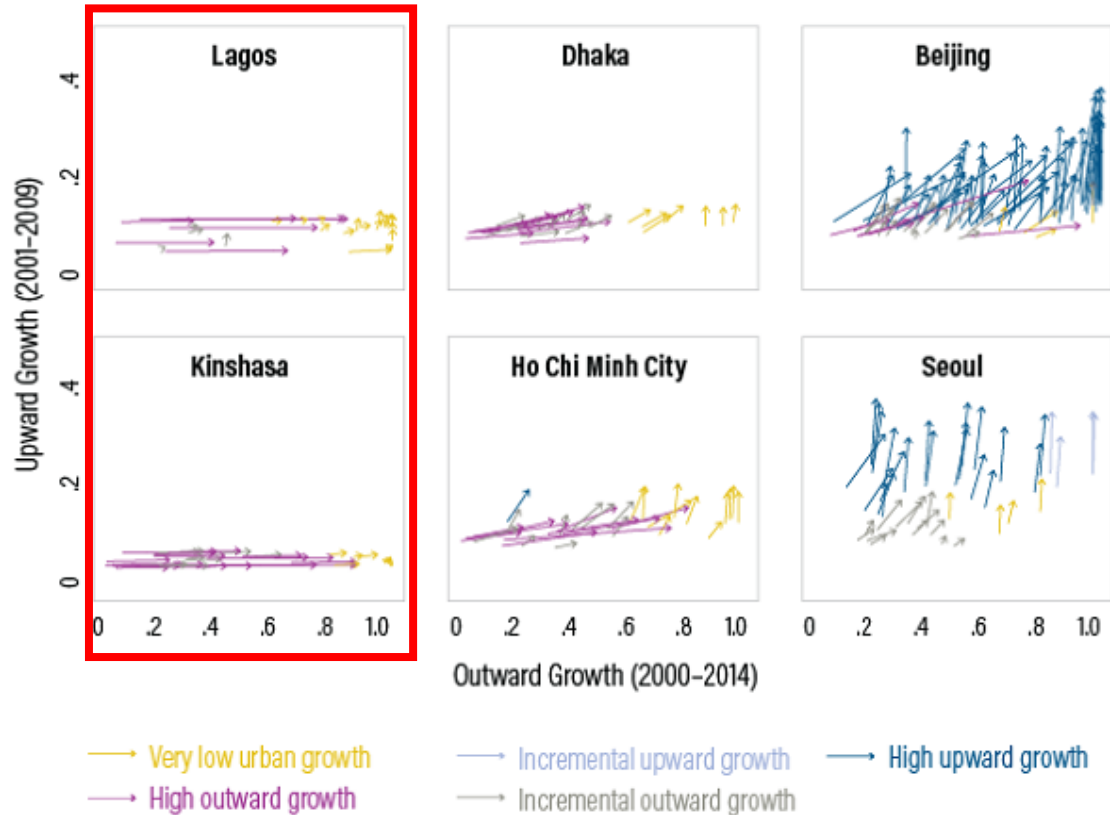


*Nearly **90 per cent** of the urban population increase will be in **Africa and Asia**, the fastest urbanizing global regions.*

*Until 2050, African cities are projected to be home to an **additional 950 million** people.*

African Cities are Growing Out Rather Than Up

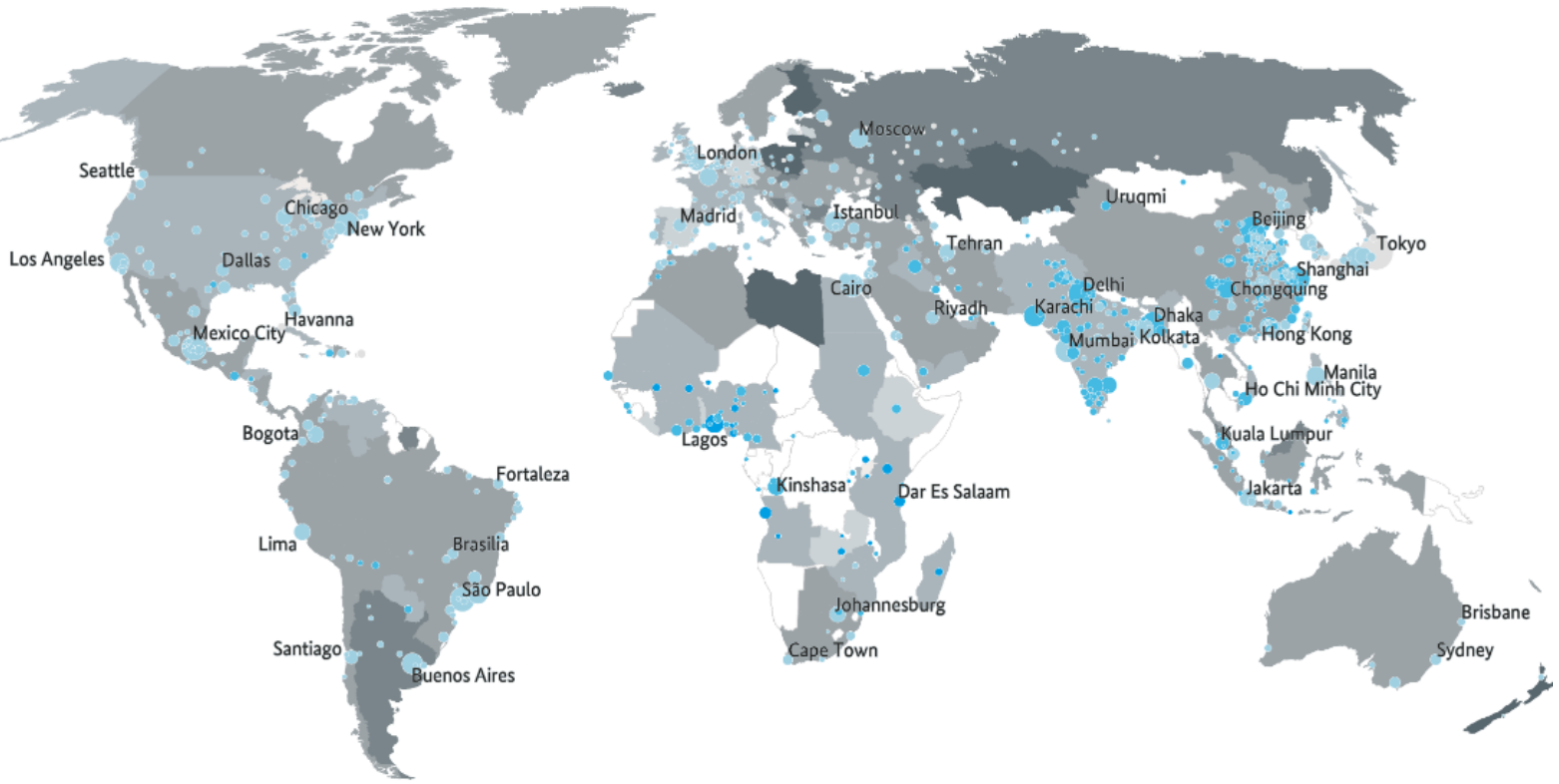
Some cities are growing outward, while others are growing upward



Lagos Growth Map – source <http://futurecapetown.com>

Note: The arrows represent different areas within a city. The length of each arrow captures change in built-up area over time.
 Source: World Resources Report: Upward and Outward Growth

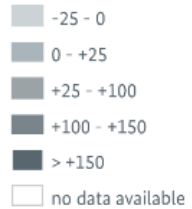
Change in Urban Population and Motorization Rate



Average annual population growth
Forecast 2012-2030 (%)



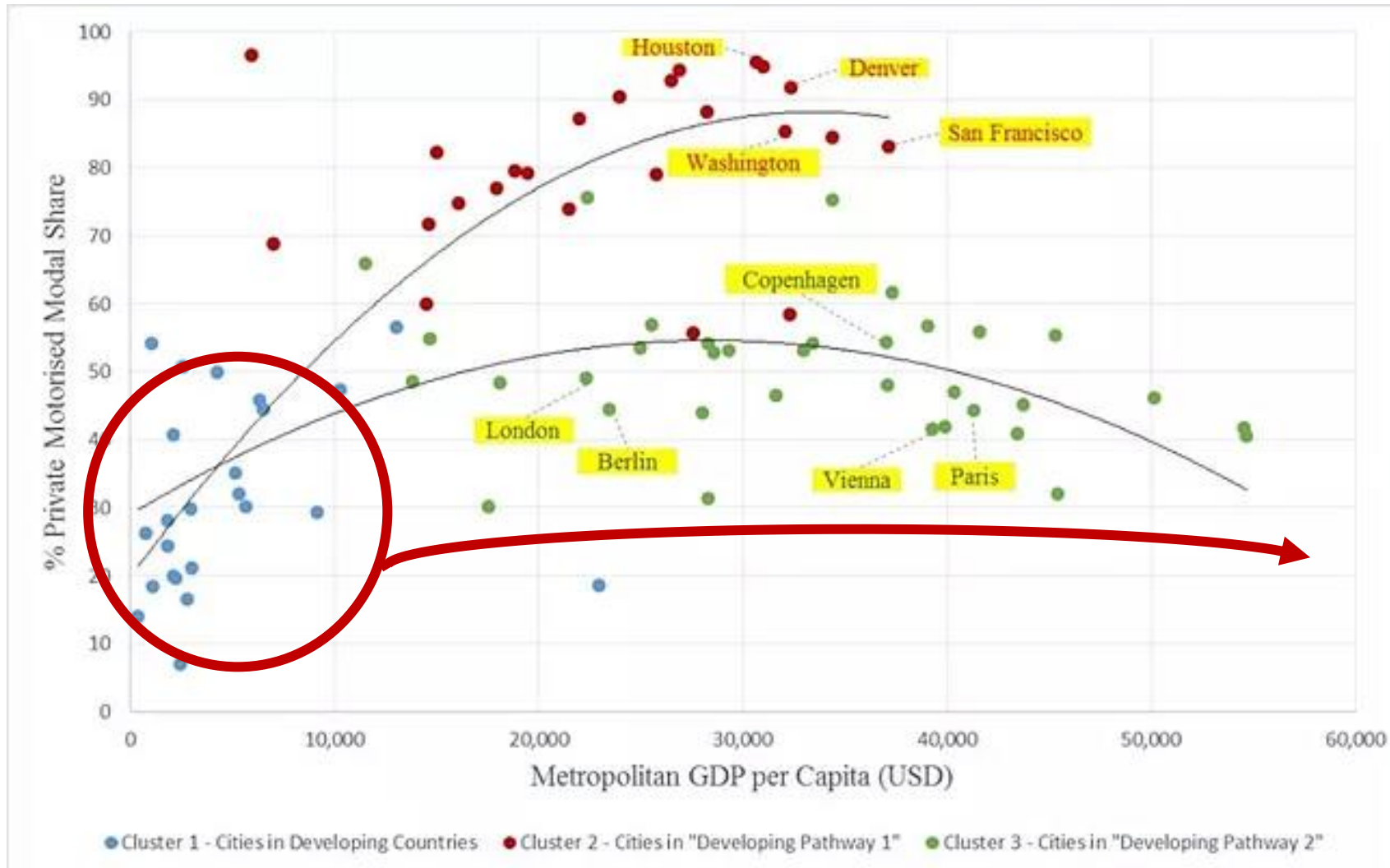
Motorisation change 2005 - 2014
Change in cars per 1,000 people



Source: TUMI

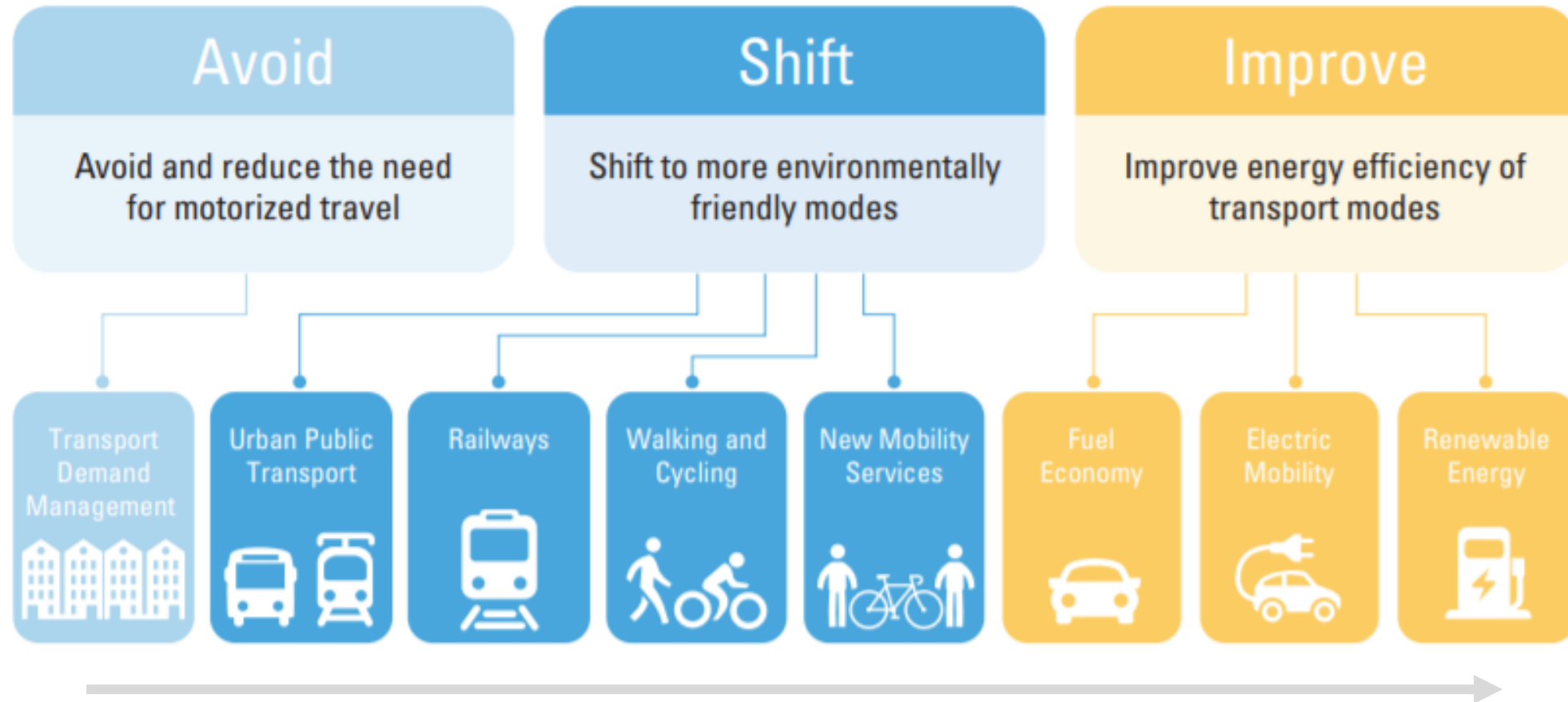


Which pathway to take? Let's avoid the evolutionary mistakes of other cities... and instead leapfrog to sustainable mobility!



Decouple economic development from motorization!

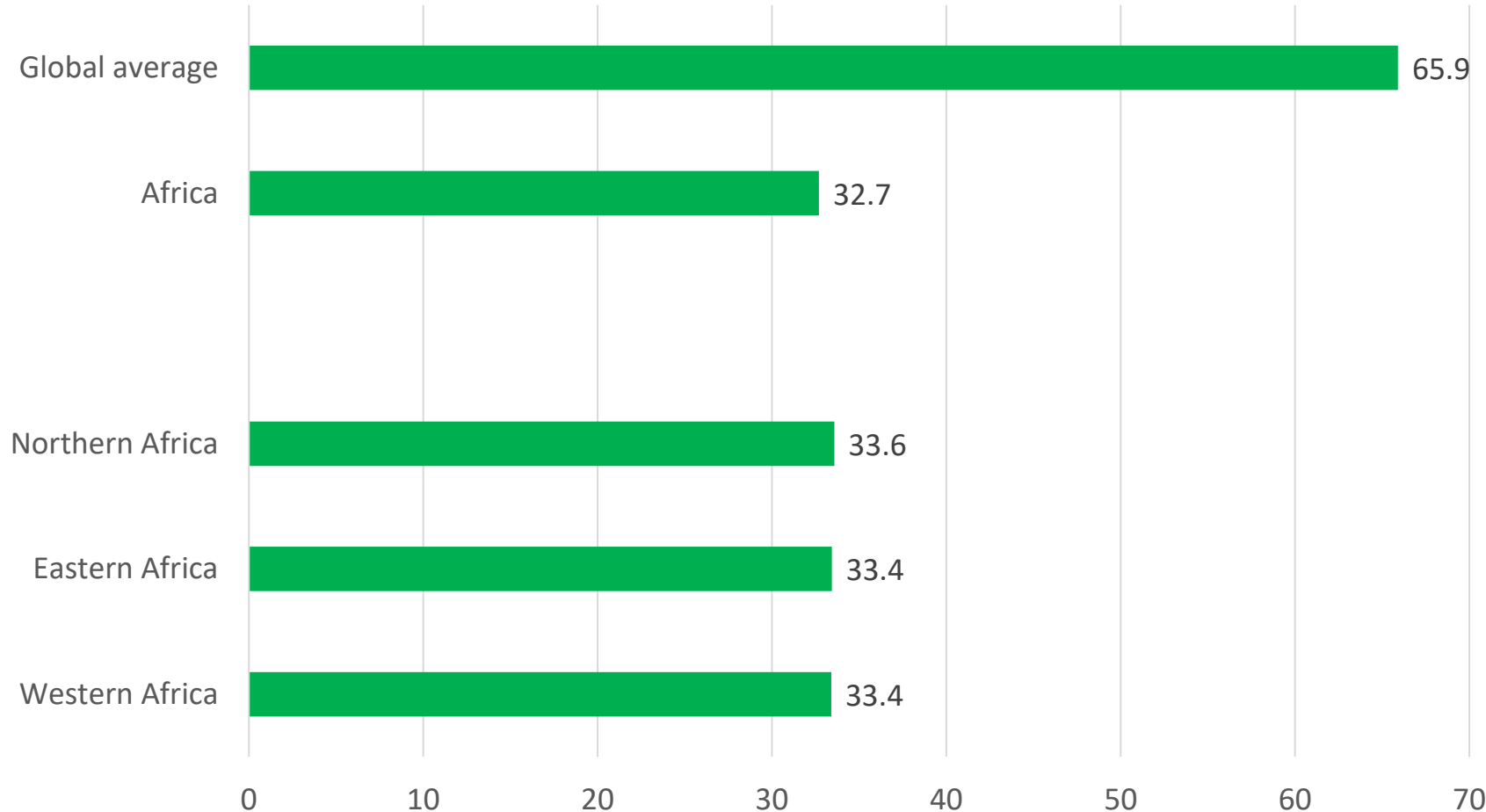
The Avoid-Shift-Improve framework



“Logic from Left to Right”: Avoid and Shift strategies can account for 40-60% of transport emission reductions, and they can be implemented at lower costs than Improve strategies.

SDG 11.2 Africa Overview – Data for 138 Cities

Share of population with convenient access to public transport (physical proximity to stops)



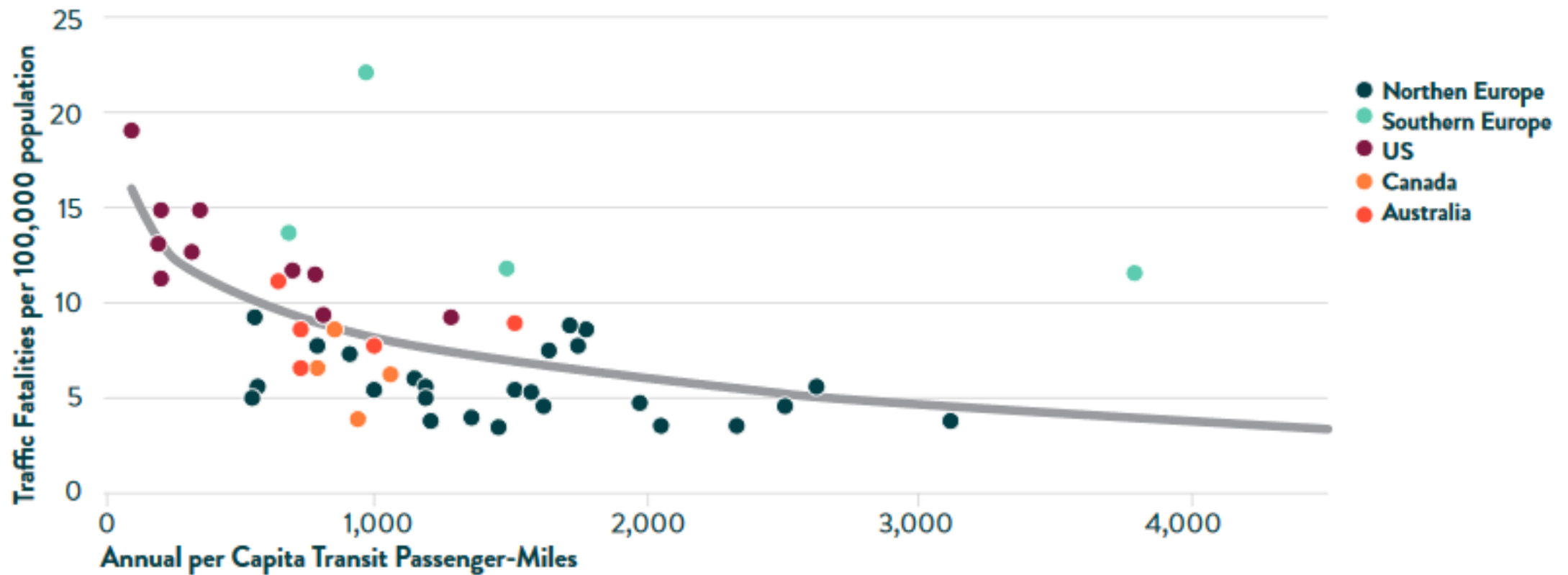
* Excludes Middle and Southern Asia which have limited data points

	No of cities in sample
Eastern Africa	54
Middle Africa	3
Northern Africa	53
Southern Africa	2
Western Africa	26

Public Transport cities are safer cities

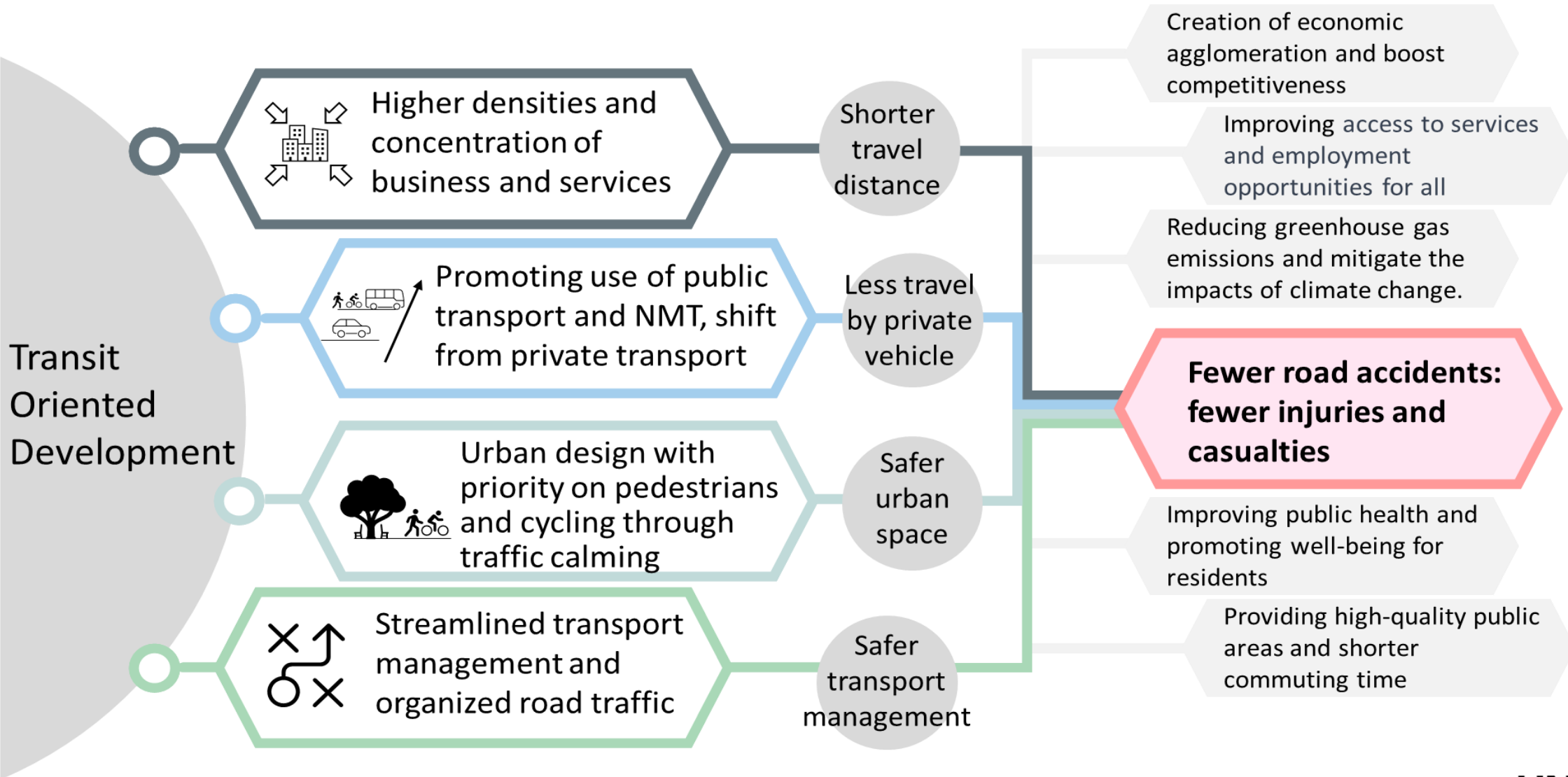
Table 1 - In places where public transport ridership is high, traffic fatalities are low

The link between traffic fatality rates and public transport ridership is especially strong in larger cities⁶

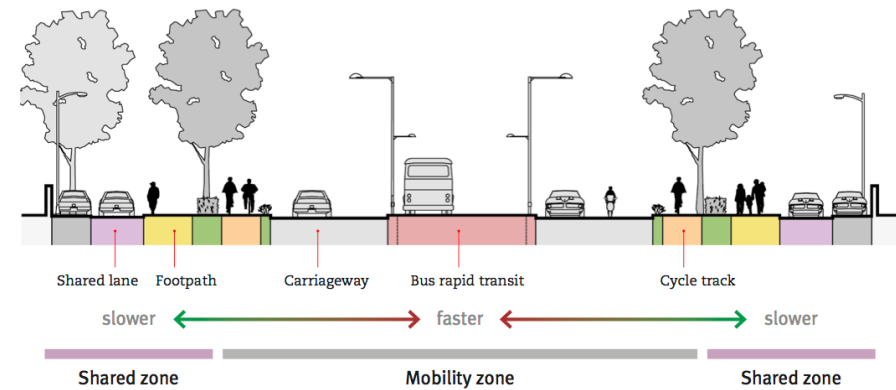


Source: UITP

Road Safety in the context of transit-oriented development



We need complete streets that cater for all transport modes

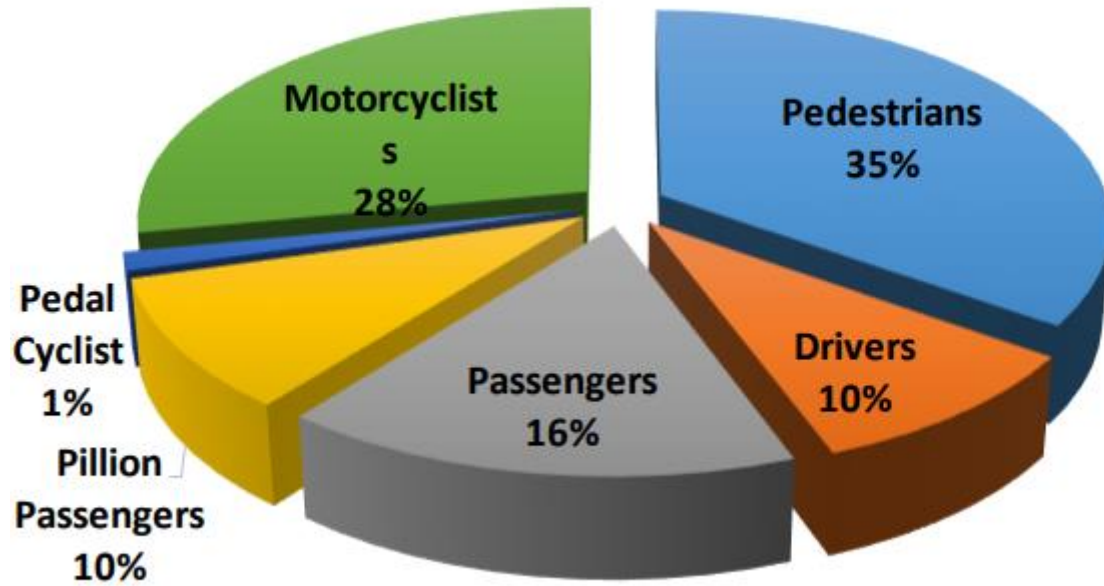


Source: ITDP



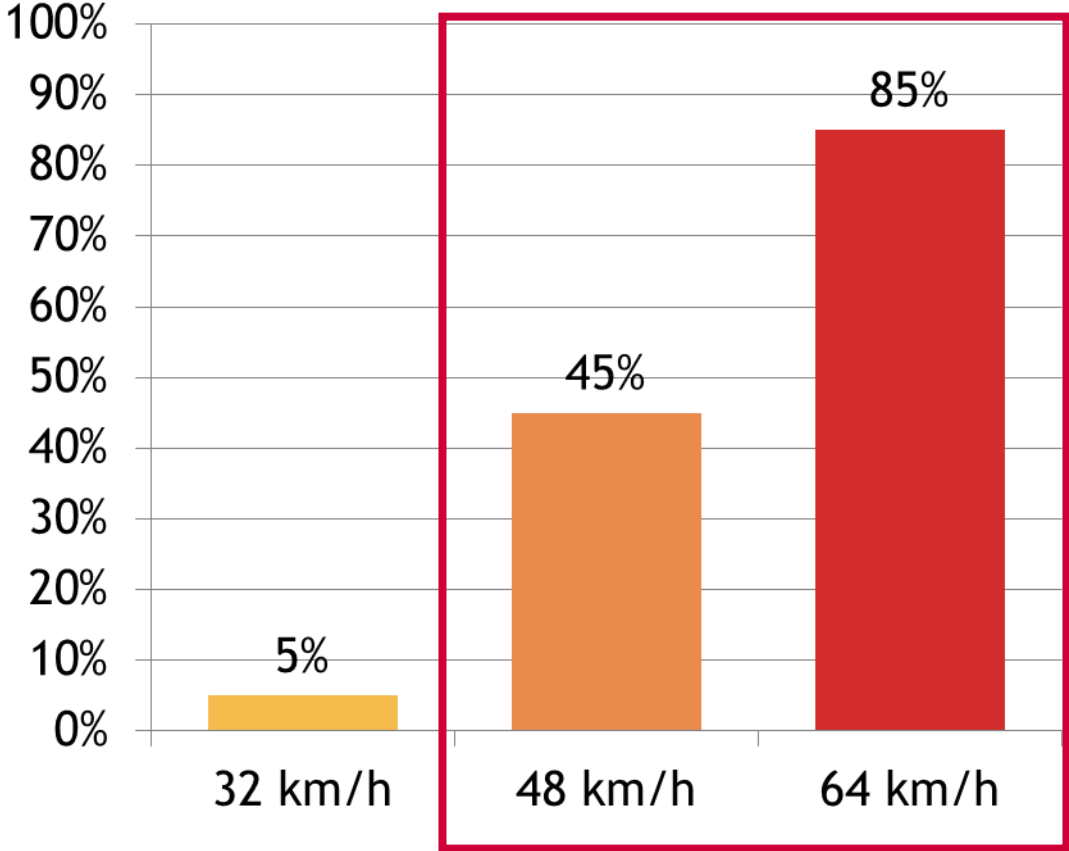
Pedestrians at Risk – “Reclaiming Streets project”

Example: Nairobi Fatalities (2022 NTSA data)



Slower Speed saves lives

Chance of pedestrian death if hit by a motor vehicle



Motor vehicle speeds above 30 km/h significantly increase the risk of fatalities

Source: ITDP



UN HABITAT
FOR A BETTER URBAN FUTURE

Streets for walking & cycling

Designing for safety, accessibility, and comfort in African cities



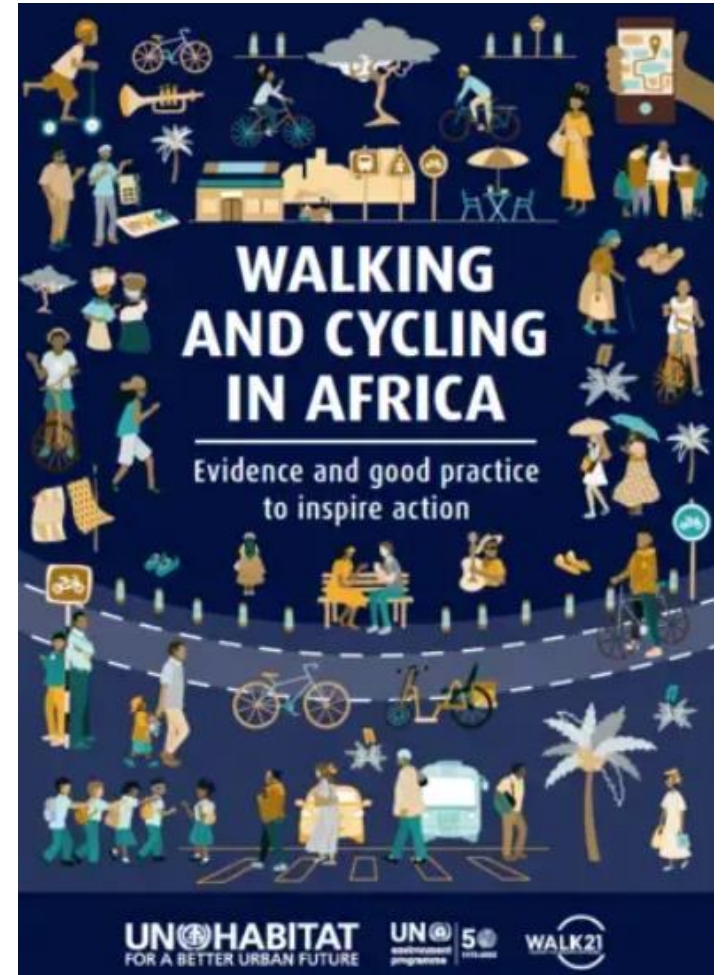
QUICK GUIDE TO BUS SECTOR MODERNISATION



UN HABITAT
FOR A BETTER URBAN FUTURE



PEOPLE ORIENTED CITIES



Any Questions?

UN  **HABITAT**
FOR A BETTER URBAN FUTURE



www.unhabitat.org