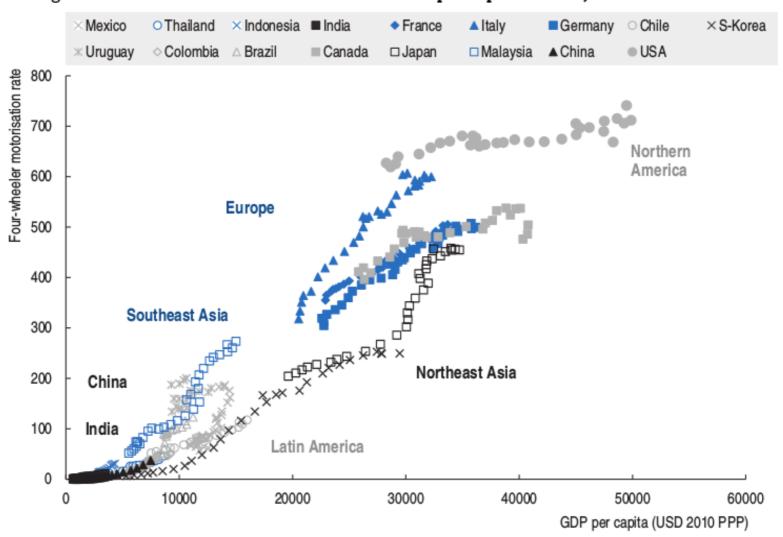


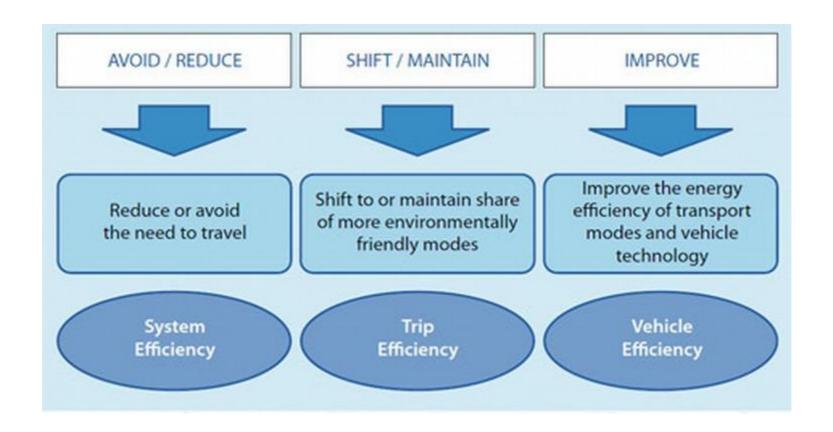
Four-wheeler ownership compared to per capita income: different paths

Figure 4.2. Four-wheeler motorisation relative to per capita income, selected countries



Source: IMF (2014); International Energy Agency. Momo ETP 2014 (2014); INEGI (2013); INE (2013); DANE (2013); data provided by Dr. Hua Zhang.

Avoid-Shift-Improve Approach



Reducing emissions through technologies and low carbon fuel

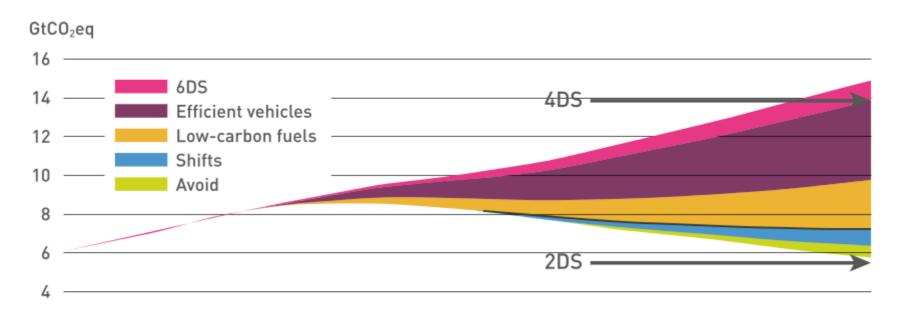


Figure 17: The IEA's scenario to switch from the 4°C scenario to the 2°C scenario45

Is there any option to do mitigation through « avoid » and « shift » ?

CO2 emissions from transport in different cities

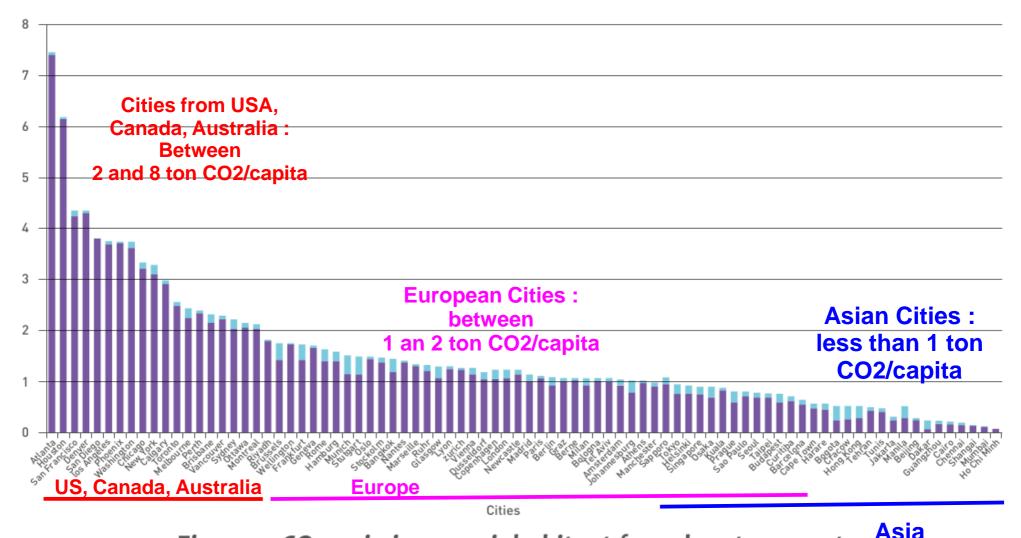
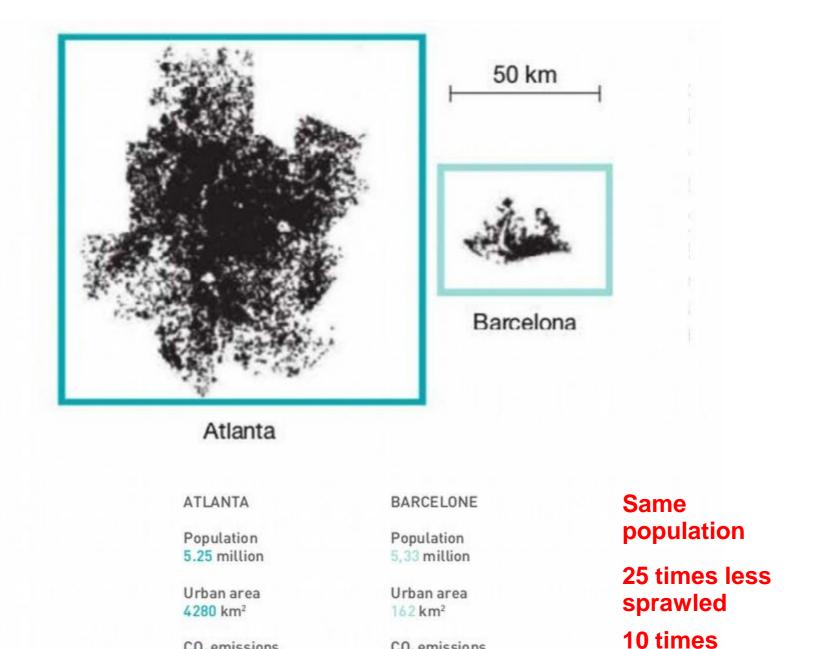


Figure 2: CO₂ emissions per inhabitant for urban transport in 84 cities worldwide (2003)⁵



CO, emissions

per year

0.7 tonnes per habitant

(public+private transport)

less CO2

emissions

Figure 7: Comparison of the urban forms of Atlanta and Barcelona²⁶

CO, emissions

peryear

7.5 tonnes per habitant

(public+private transport)

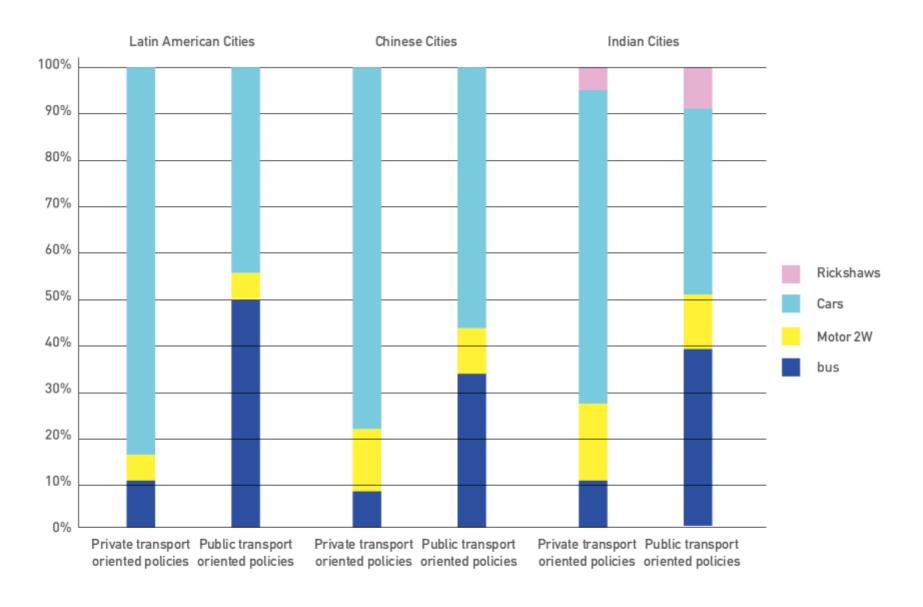
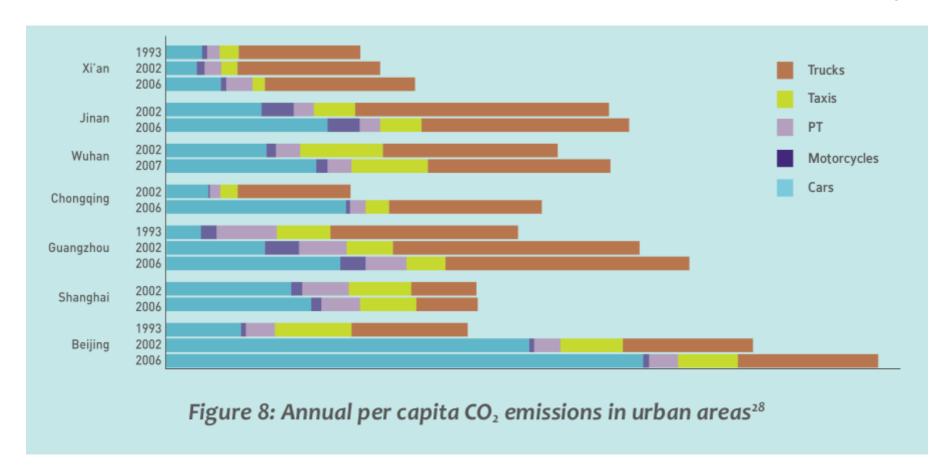


Figure 5: Modal shares (in passenger-km) depending on urban development scenarios¹² 2050

Examples of Chinese cities: different paths in the same country



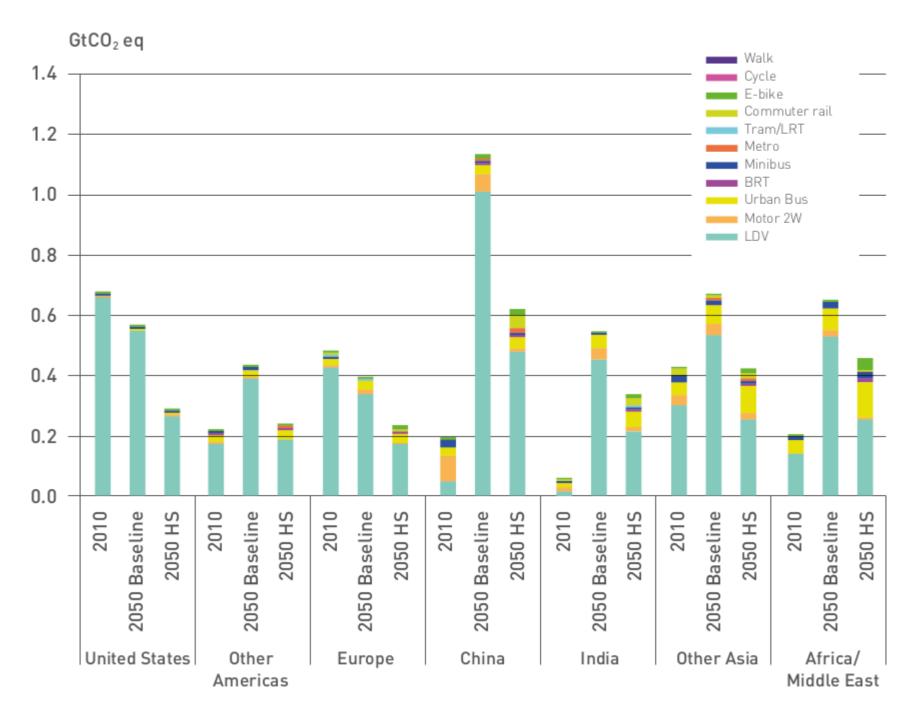


Figure 4: Emissions outlook in the High Shift Scenario¹¹

Urban Mobility is not only about Climate

Many other reasons to act:

- 1st : Accessibility
- Reducing local externalities

Air Pollution	> 5.4 trillion
Road traffic deaths	500 billion
Congestion ²²	850 billion
Spending (infrastructure, fuel) ²³	2 500 billion

Table 2: Orders of magnitude of total costs associated with urban mobility based on motorised vehicle ownership (in US dollars per year)

EASI conceptual framework

ENABLE

Establish an effective and responsible governance system with adequate:

- institutions.
- human resources,
- · financing.

AVOID

Minimize the need for individual motorized travel through adequate land-use and transport planning and management.

SHIFT

Increase or maintain shares of more socially & environmentally sustainable modes (public transport, walking, cycling).

IMPROVE

Improve the efficiency and safety of transport modes & services while minimizing their environmental footprint.

Governance efficiency

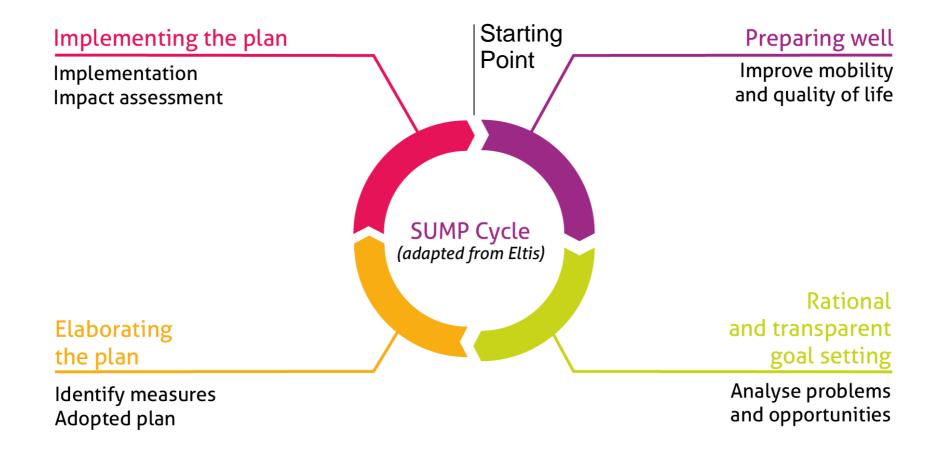
Land use efficiency

Multimodal transport system efficiency

Road space use & vehicle efficiency

 From SSATP: "Policies for Sustainable Accessibility and Mobility in Urban Areas of Africa" – the result of a study conducted by Transitec, ODA, ACET, Urbaplan and CODATU –

Sustainable Urban Mobility Plans



« planning & implementation » process with a comprehensive view on mobility issues



Target: 100 cities engaged in sustainable urban mobility planning!

You can fill the ambition statement: contact@mobiliseyourcity.net

The initiative supports emerging and developing cities and countries in their efforts to plan sustainable urban mobility

















Conclusion: Mitigation Policies for sustainable urban mobility

- Comprehensive approach on mobility issues
- Development of Public Transport oriented policies
- Implementation of action plans from CMP
- Measure of CO2 emissions in transport (+ cobenefits) and assessment of mobility policies ... to give access to climate funds for urban mobility policies.

Thank you!

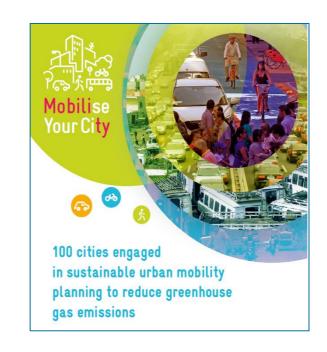
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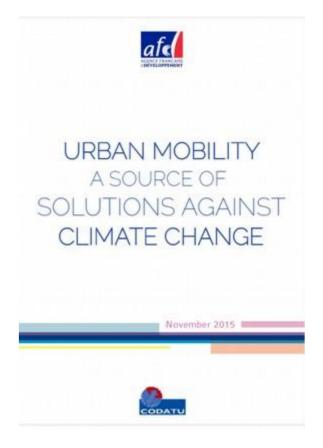
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