



Rethinking Urban Mobility: Sustaining Policies for the Century of the City

October 2, 2013

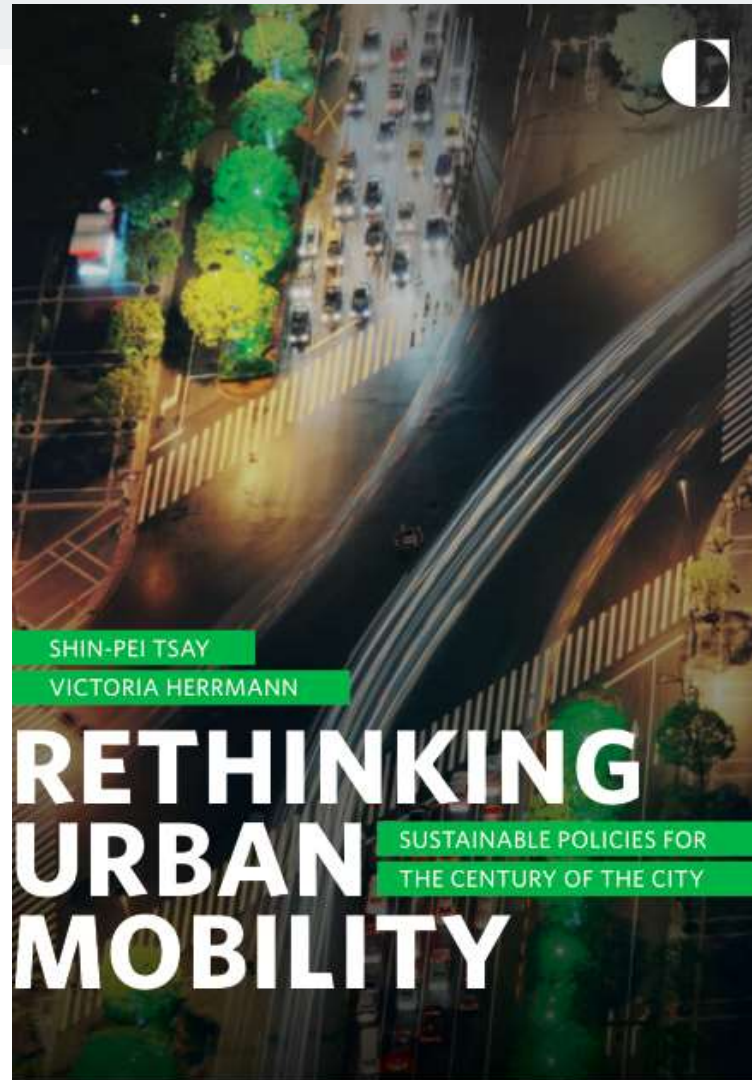
Brest, France

Shin-pei Tsay, TransitCenter / Carnegie Endowment for International Peace

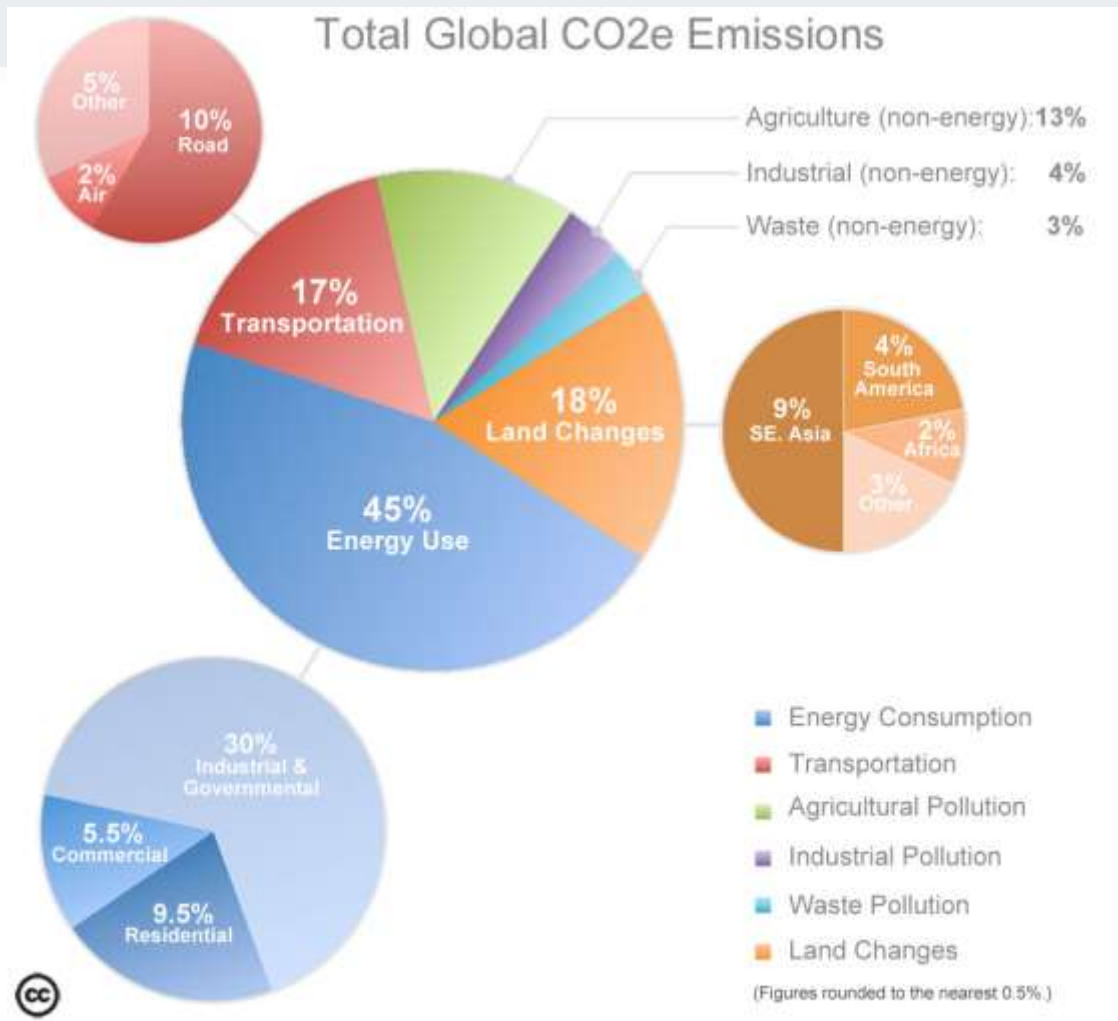


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Based on interviews and synthesized analysis of national policies



Transport sector is a critical component of the climate change equation



Creative Commons: TckTckTck, 2011
 Based on WRI, 2005 World Greenhouse Gas Emissions with updated figure for emissions from Land Use Changes per UNEP, 2010 (18%).
 Energy associated with Coal Extraction (0.7%) has been added to 'Energy Use' and Oil Extraction (3.0%) to 'Transportation' segments.

Large countries with high rates of urbanization will face the greatest stress in their urban transport systems



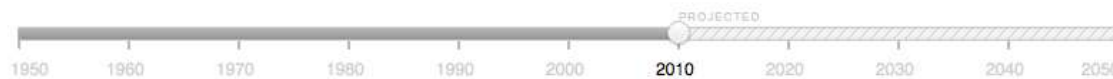
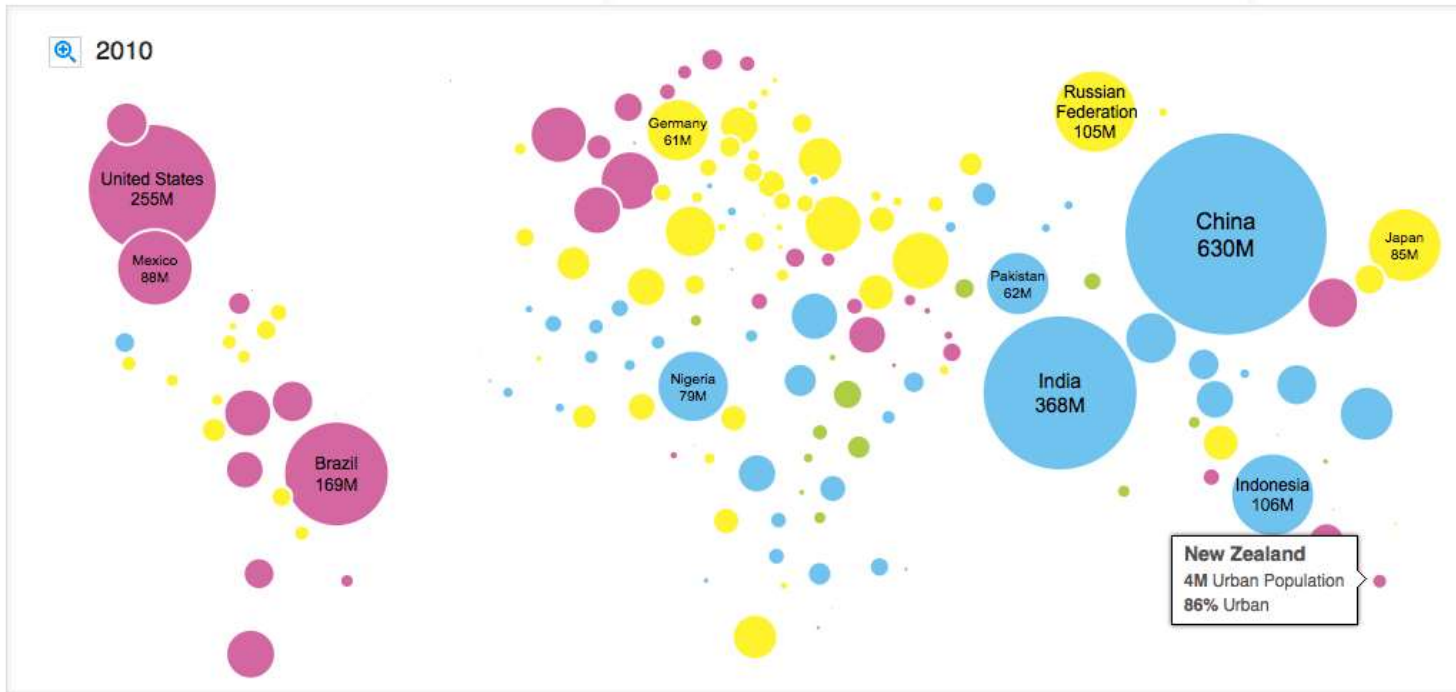
AN URBAN WORLD



This graphic depicts countries and territories with 2050 urban populations exceeding 100,000. Circles are scaled in proportion to urban population size. Hover over a country to see how urban it is (percentage of people living in cities and towns) and the size of its urban population (in millions).

Urban Population

- Greater than 75%
- 50% - 75%
- 25% - 50%
- Less than 25%



Notes

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Brazil, India, Mexico recently minted national urban transportation policy



- Passed national policy recently
- Pooled and integrate international and domestic funds for infrastructure projects
- Created “single-stop” service center via state-level infrastructure or development bank
- Localities expected to meet certain conditions for funding
- Policy language incorporates multimodal approaches to urban mobility

China's transport policy is centrally planned but locally autonomous...for now



- National urban transport policy mandated by central government in Five-Year Plans
- Cities have high level of autonomy
- Funding for infrastructure comes from cities' authority to generate revenue

In spite of differences across national government structures, there are many shared challenges



For Stefan Stagmeister's "Things I have Learned in My Life" exhibition

Shared challenges: limited city authority



Complexity of transport projects often requires authority beyond the city's reach.

Shared challenges: city-state coordination



Fragmented distribution of power challenges decision making and is further complicated by politics.

Shared challenges: integrating land use and transportation planning



Integrating land use decisions with transportation planning is difficult in all geographic contexts and requires new policy structures and authorities.

Shared challenges: lack of institutional capacity



- Most often cited reason for not being able to execute policy or implement projects – present at all levels
- Federal agencies
- Local agencies
- Project implementation, i.e. “transportation literacy”

How can national governments effectively guide the implementation of urban transportation?



- 1. Set and enforce an expansive, long-term vision for sustainable urban mobility at the national level.**
 - By doing so, the government will help coordinate authority (remove conflict), organize power, and promote cooperation across various tiers of government

How can national governments effectively guide the implementation of urban transportation?



2. Support the cities by guiding their actions and augmenting their actions

- Local mobility plans should be aligned with national transport goals
- Affirm local ownership of projects
- Improve knowledge and motivation of local staff

How can national governments effectively guide the implementation of urban transportation?



<http://www.weatherwaked.com/tags/ozzyom/>

3. Establish clear funding and financing channels for transport systems.

- Governments should coordinate and guide regional, local, and private contributions in addition to federal financial assistance programs

How can national governments effectively guide the implementation of urban transportation?



4. Improve project development and selection

- Set national standards for data collection
- Provide localities with methodology to evaluate projects
- Include social, environmental, and economic impacts

Century of the city requires a new relationship between nations, cities, and the world



Thank you!

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