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United Nations Humans Settlements Programme www.unhabitat.org

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RIO+20 OUTCOME DOCUMENT THE FUTURE WE WANT

Approved by all Member States, paragraph 134 states under the heading "Sustainable Cities and Human Settlements":

"We recognize that, if they are well planned and developed, including through integrated planning and management approaches, cities can promote economically, socially and environmentally sustainable societies."





TECHNICAL SUPPORT TEAM ISSUE BRIEF ON SUSTAINABLE CITIES AND **HUMAN SETTLEMENTS**

- •Substantive **preparation for** Member States in advance of Sustainable Cities and Human Settlements discussion in the 7th session of the Open Working Group on Sustainable **Development Goals**
- Co-led by UN-Habitat and UNEP with contributions from 12 other agencies, funds, programmes and commissions including ECLAC, ESCAP, IFAD, ILO, UNDP, UNFPA, UNICEF, UNISDR, UN-Women, WHO, WMO and the World Bank.



Interactive process of three rounds of comments/drafting with the effective result of a **common interagency position**.



















STOCKTAKING KEY TRENDS



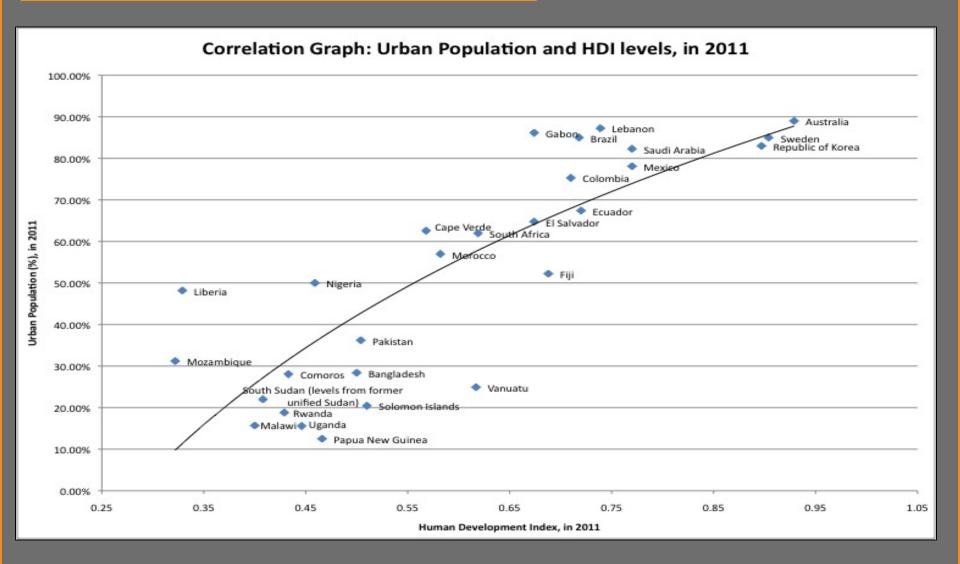


Humanity will increase from 50 to 70% urban by 2050.

60% of the area expected to be urban in 2030 remains to be built.



URBANIZATION & HUMAN DEVELOPMENT



Data: United Nations Development Programme (2011)

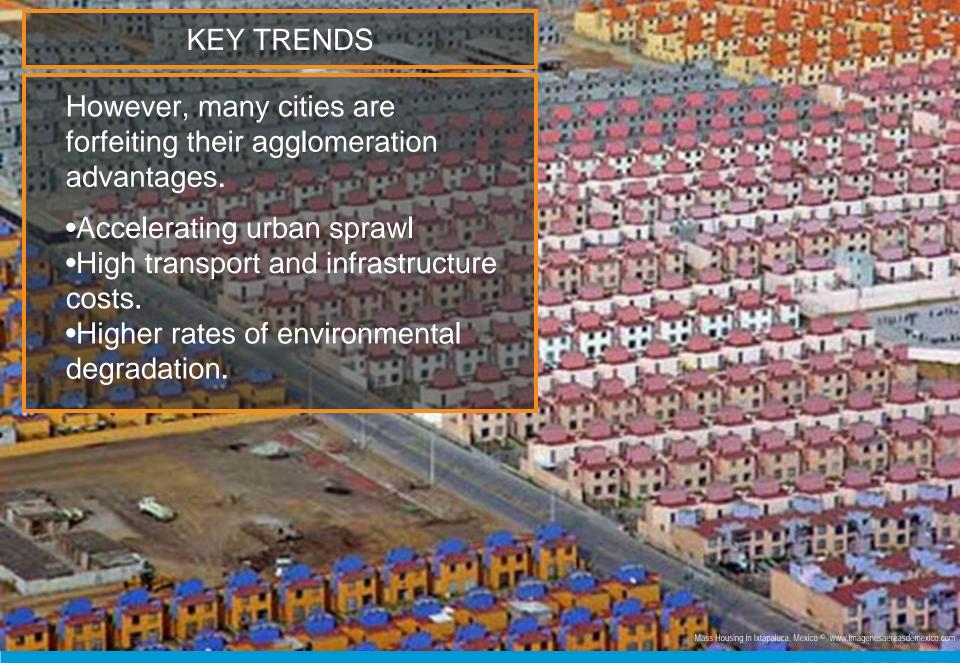








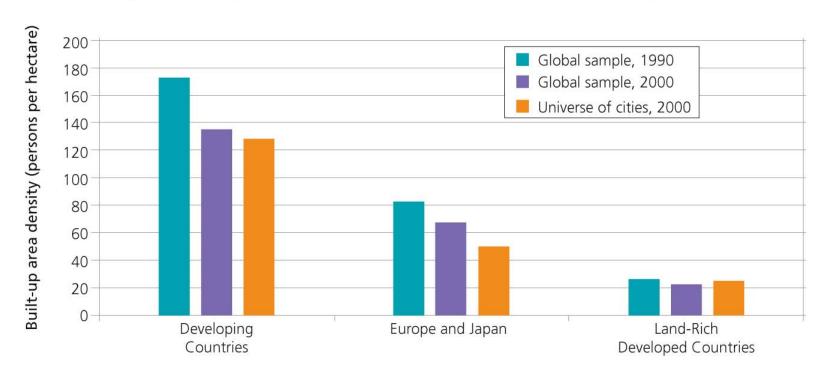






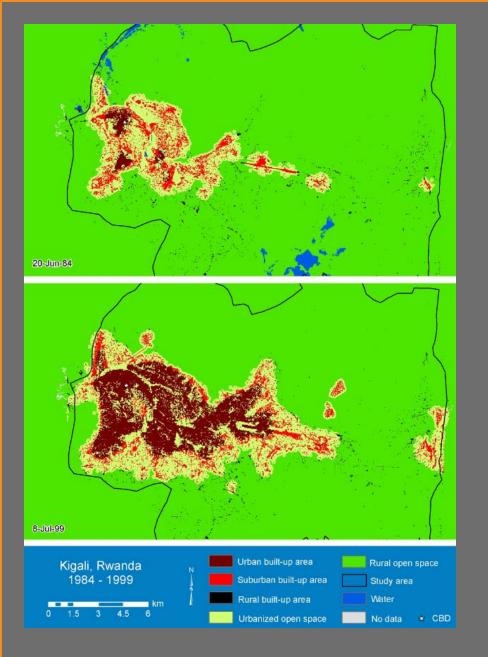
KEY TRENDS - URBAN SPRAWL

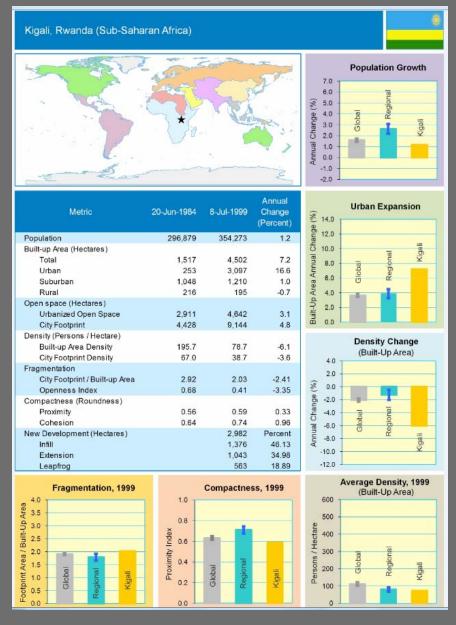
Figure II: Average Built-up Area Densities in Three World Regions



Source: Making Room for a Planet of Cites, by Shlomo Angel, Jason Parent, Daniel L. Civco, and Alejandro M. Blei. © 2011. Lincoln Institute of Land Policy, Cambridge, MA.









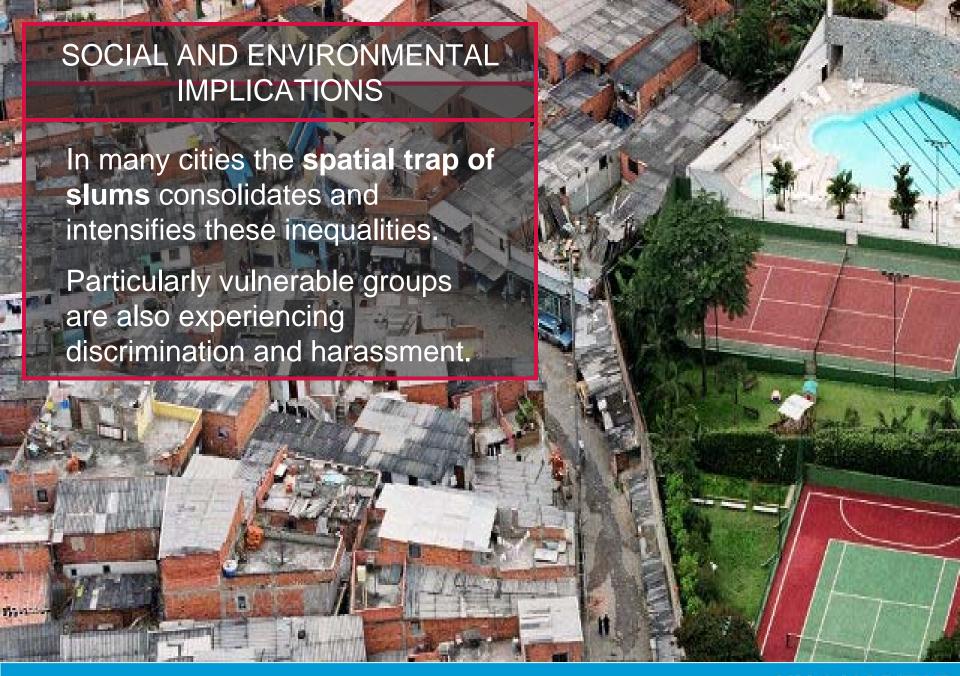
STOCKTAKING

SOCIAL AND ENVIRONMENTAL IMPLICATIONS









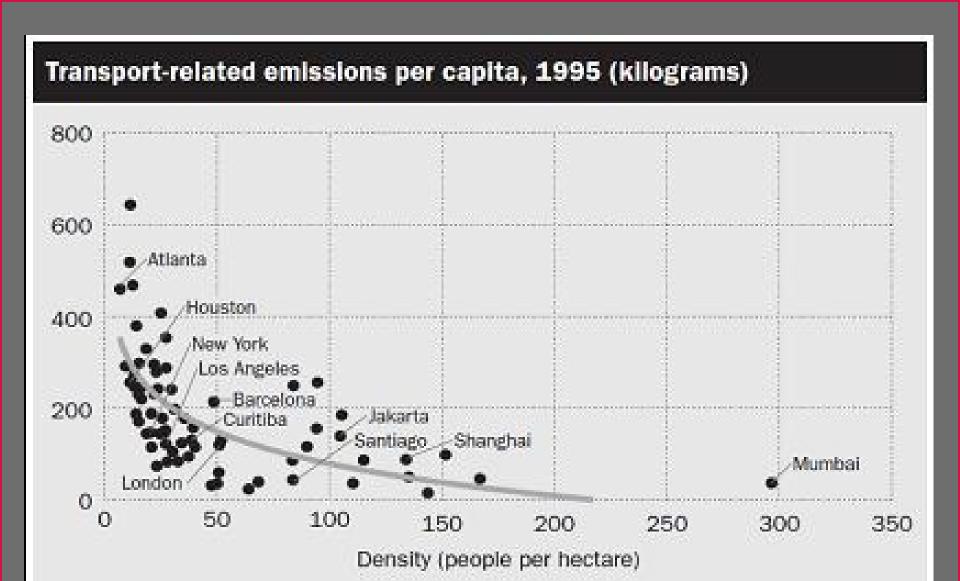
SOCIAL AND ENVIRONMENTAL IMPLICATIONS

Despite their potential efficiencies, cities (particularly in the west) remain high consumers of energy and relatively high producers of waste and GHG emissions.

Much of this is already beyond the earth's carrying and regenerative capacity.



Denver 2001 © Glenn Asakawa / Denver Pos

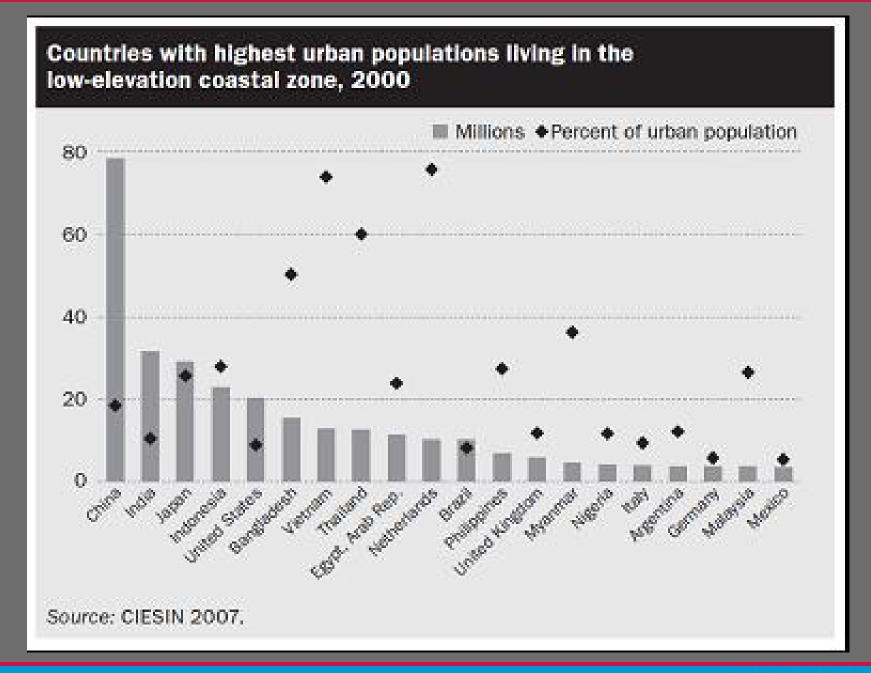


Source: Kenworthy and Laube 2001; City Mayors 2007.











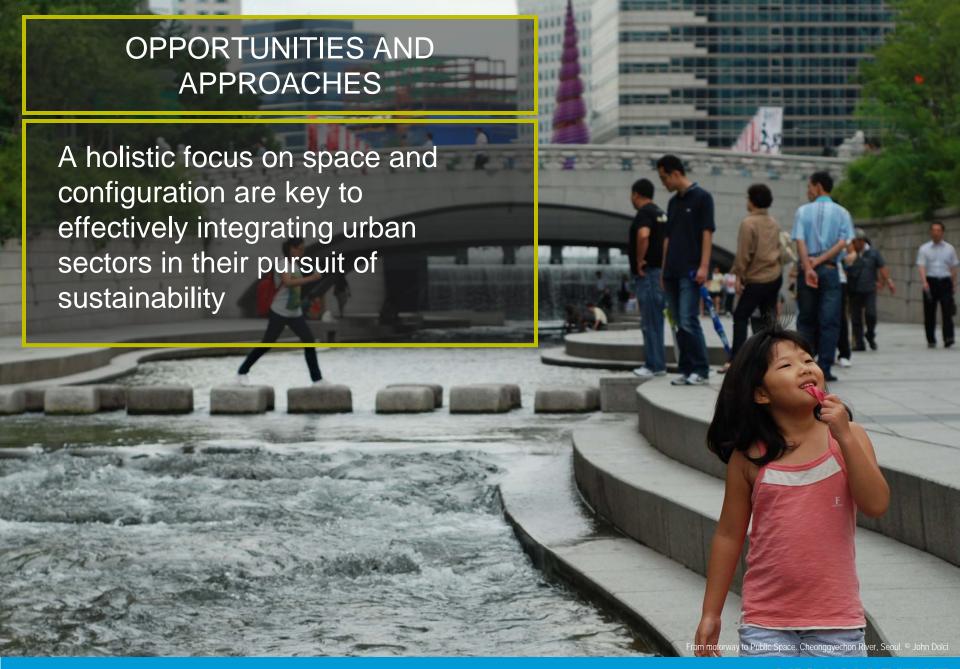
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OPPORTUNITIES AND APPROACHES





















SUSTAINABLE CITIES INTERVENTIONS

NEW BUILD/NEW CONSTRUCTION

NEW URBAN DEVELOPMENTS AS 'INTEGRATED ECO-URBANISM'

> E.g Treasure Island Masdar Dongtan Auroville Gaviotas

CONSTRUCTING NEW 'URBAN **NETWORKED TECHNOLOGIES**

E.g Hydrogen fuel infrastructure District heating and cooling Piped grey water

INTEGRATED/

RETROFITTING EXISTING 'URBAN **NETWORKED INFRASTRUCTURES'**

E.g Supply of desalinised water Modern rickshaw technologies Curitiba's Bus System Orangi Pilot Project

SYSTEMATIC

RECONFIGURATING CITIES AS 'SYSTEMIC URBAN TRANSITIONS'

> E.g 'Low Carbon' cities 'Liveable' cities 'Post Carbon' cities

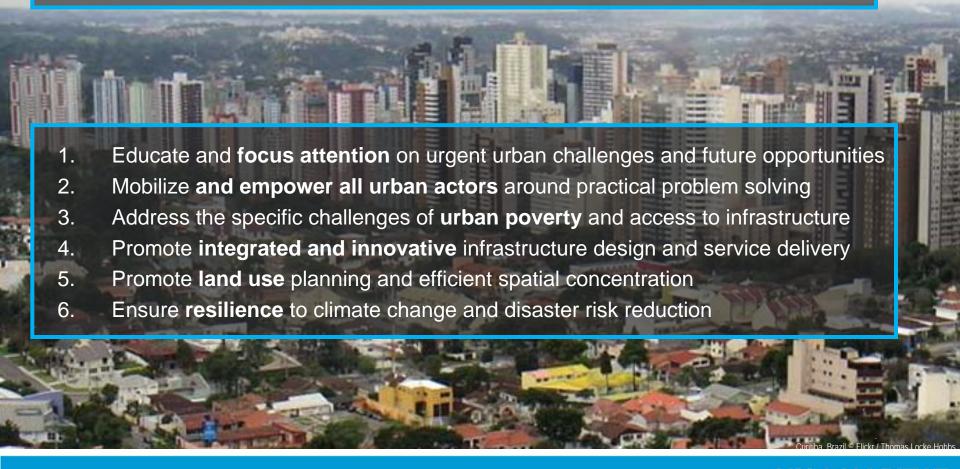
> > RETROFIT/EXISTING CITIES

http://www.sustainabilityinstitute.net/newsdocs/documents/doc_details/488-cities-decoupling-and-urban-infrastructure-scoping-the-challenges



NETWORK BASED

CONCLUSION: Why prioritizing sustainable cities and human settlements? *Integration, Transformation, Universality*





Thank You!

And please...



