Great Urban Divides

Houston Futures Spring Gathering 13 April 2013

HOW CAN CITIES AUGUSTALES?

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Cities" www.borderlessculture.com

N "Global Cities"

To the Houston Futures Gathering Participants:

As cities grow bigger and more complex, the gaps between least and most are increasing:

- Economically... More income divide
- Technologically, the more tech stretches upwards, others are left behind
- Greater differences culturally, re: what's important, esp at lower incomes

When population change is out of sync with development, slums or ghost towns emerge. Cities are failing, not adapting to needs quickly enough. But change is hard and takes decades.

I hope you left the gathering wearing a new set of urban futures glasses, with a greater sense of issues and what you bring to the table as a futurist. Work with governments, think tanks, universities, and consultancies. Become active in your community, urge them to see beyond today's development plan. Envision future cities as if legacies matter.

Was this event the most futurists to gather on the future of cities? Certainly in North America, maybe anywhere. Thanks for your engagement, it was a blast!

Cindy Frewen @urbanverse

THE WORLD'S POPULATION, CONCENTRATED

If the world's 6.9 billion people lived in one city, how large would that city be if it were as dense as...









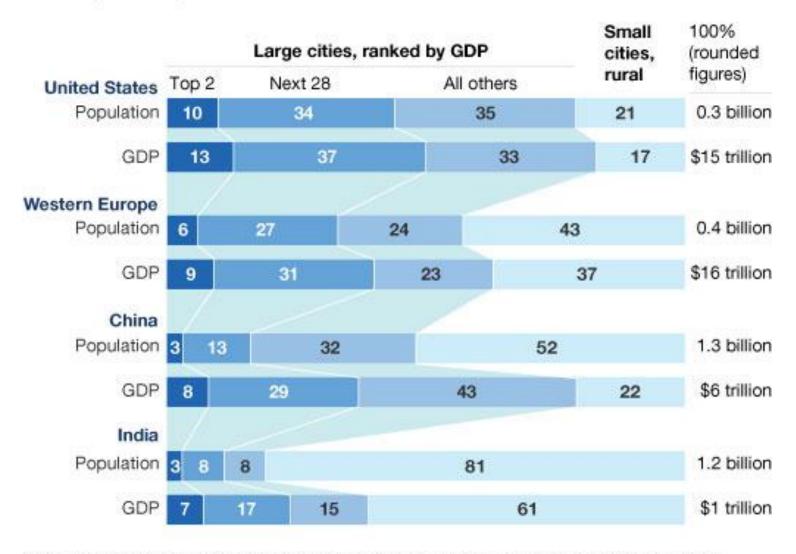






The strength of the US economy rests on a broad base of large cities.

Cities segmented by contribution to total GDP, 2010, cumulative % of total



GDP measured at real exchange rate; some figures may not sum to 100%, because of rounding. Source: McKinsey Global Institute analysis

URBAN IDENTITIES

What is type is your city, neighborhood, building, house?

Ecotopia

Nature
Conserve
Planet first
Environmental

Utopia

Community
Shared
All together, love
Social

Fortress

Separation
Tribal, barriers
Fear, avoidance
Politics

Hi Tech

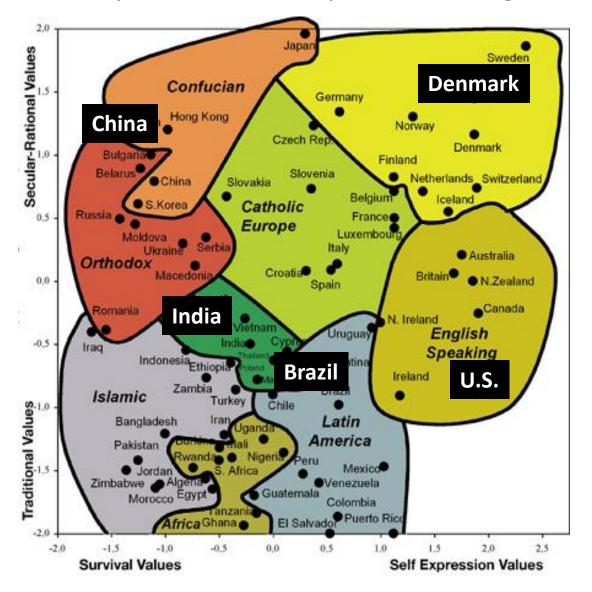
Progress, BAS
Competition, winning
Efficient, convenient
Techonomics







Ask about identity first, it's in the place, buildings, and stories



World Values Survey, Inglehart & Welzel www.worldvaluessurvey.org



LOS ANGELES

INDIVIDUALISM

EGALITARIAN

SHORT-TERM ORIENTATION

MUMBAI

COLLECTIVISM
HIGH POWER DISTANCE
LONG-TERM ORIENTATION

LOS ANGELES



MUMBAI INDIA





LOS ANGELES

INDIVIDUALISM

EGALITARIAN

SHORT-TERM ORIENTATION

Institutional public housing filled with hate, crime

MUMBAI

COLLECTIVISM
HIGH POWER DISTANCE
LONG-TERM ORIENTATION

Strong communities, terrible infrastructure

HOFSTEDE CULTURAL DIMENSIONS



litany

2m in slums; illegal immigrants; high crime/gangs

systems

Fear of deportation; low wages; property rights, taxes, utility/rent payments

worldview

Individuals fault vs. deserve better = disenfranchised

myth/metaphor

Hollywood, bright lights, opportunity = Temporary visitors, better future

litany

6m in slums; rural migrants; high unemployment; desperate poverty and sanitation; safe

systems

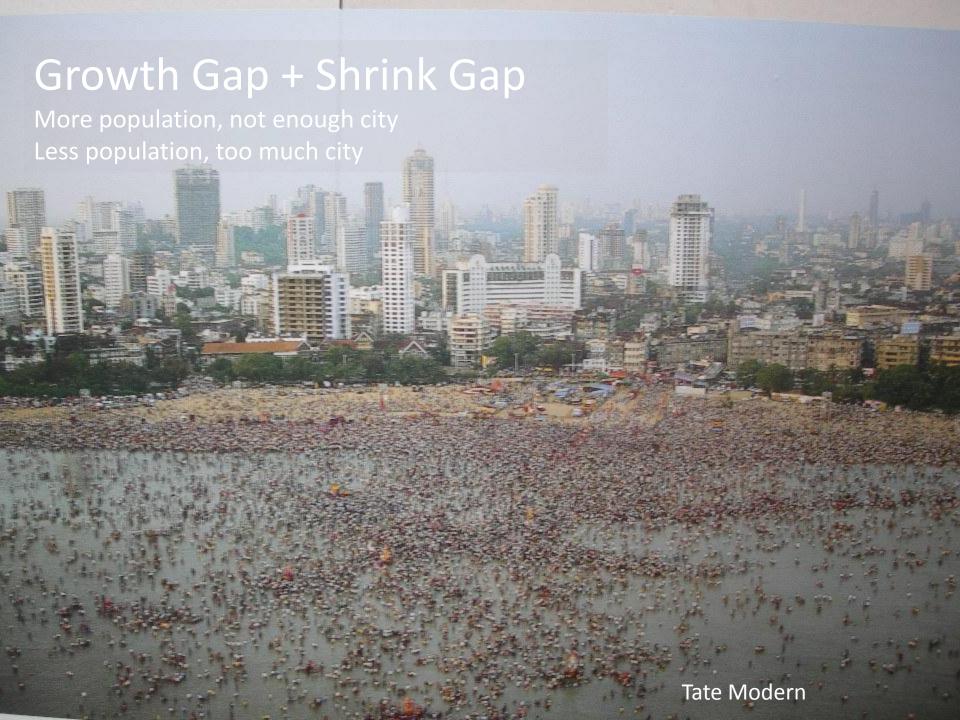
Farms ruined; families strong; building community thru collective industry

worldview

Best they can do; future better through education

myth/metaphor

Gateway and "goddess of water" = continuity; connected to place & people



MUMBAT WILL OVERTAKE TOKYO AS THE WORLD'S TOKYO AS THE WORLD'S LARGEST CITY LARGEST WITH NEARLY BY 2050 WITH NEARLY

MILLIONS

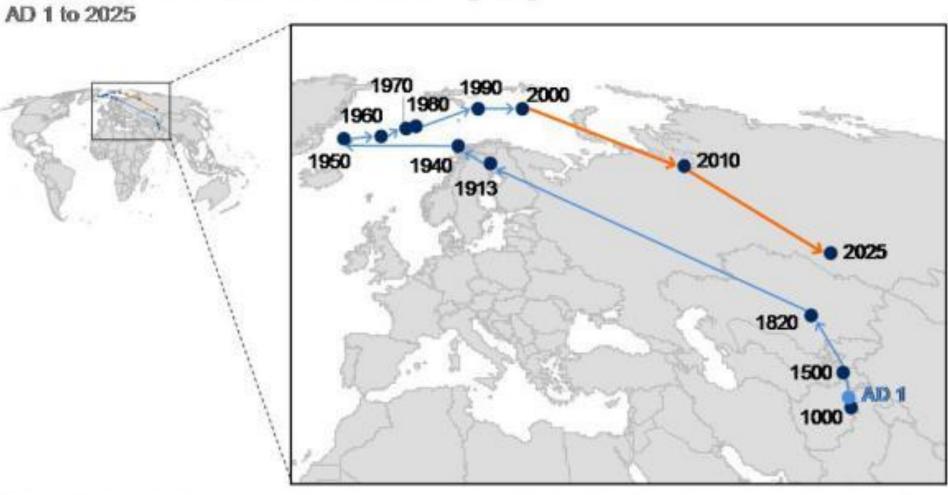
Tate Modern

LARGEST CITIES OVER TIME

•	100 AD	ROME	450,000
•	1000	CORDOVA SPAIN	450,000
•	1500	BEIJING	675,000
•	1800	BEIJING	1,100,000
•	1900	LONDON	6,500,000
•	1950	NEW YORK CITY	12,500,000
•	2000	TOKYO	26,400,000
•	2050	NEW DELHI Or Mumbai	45,000,000

By far the most rapid shift in the world's economic center of gravity happened in 2000–10, reversing previous decades of development

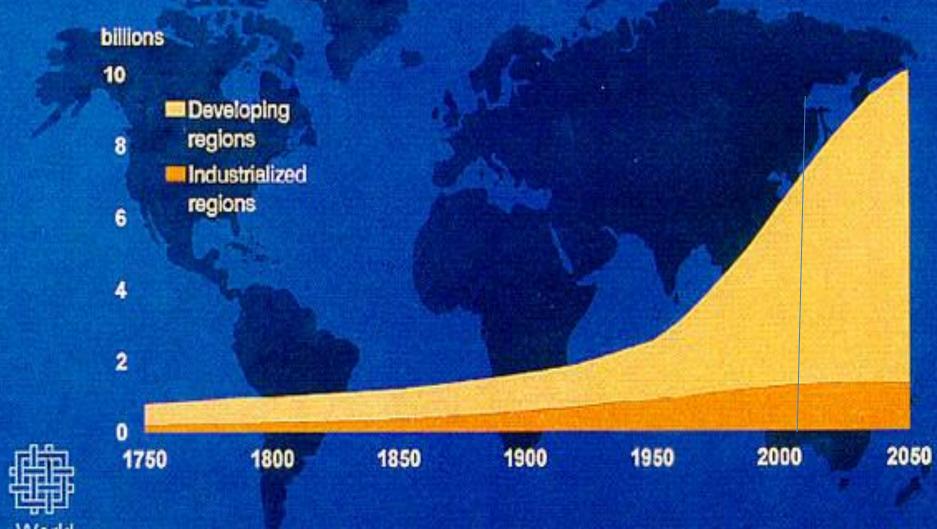
Evolution of the earth's economic center of gravity¹



1 Economic center of gravity is calculated by weighting locations by GDP in three dimensions and projected to the nearest point on the earth's surface. The surface projection of the center of gravity shifts north over the course of the century, reflecting the fact that in three-dimensional space America and Asia are not only "next" to each other, but also "across" from each other.

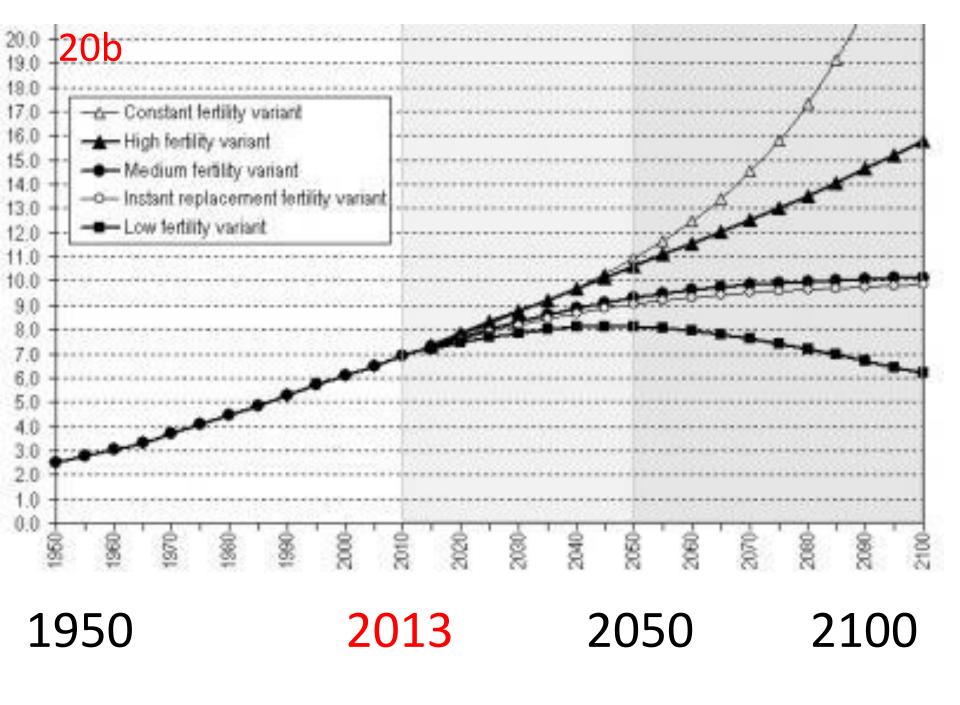
SOURCE: McKinsey Global Institute analysis using data from Angus Maddison: University of Groningen.

World Population Growth

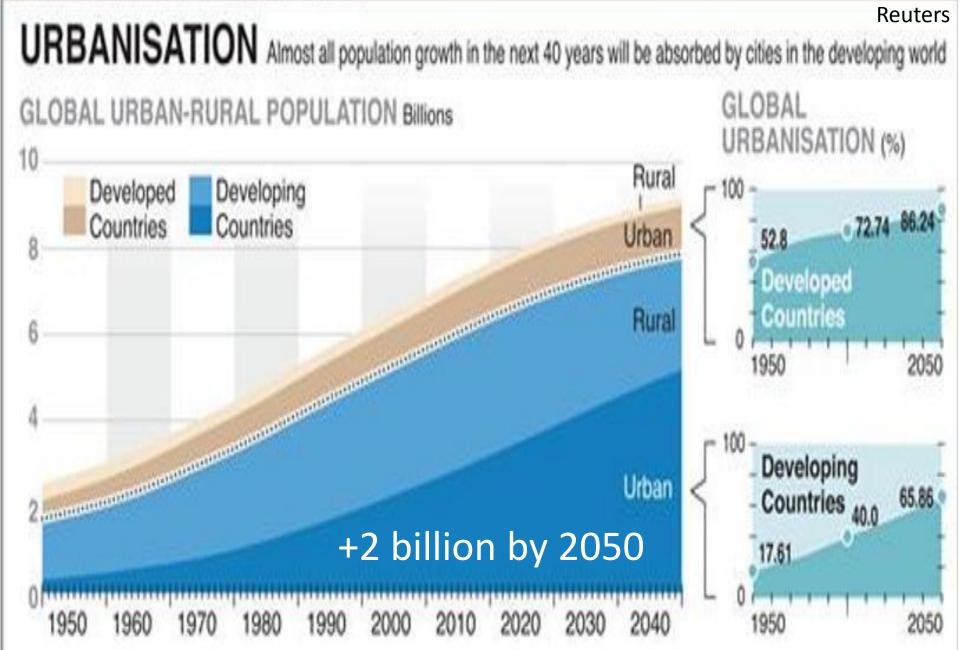


World Resources Institute

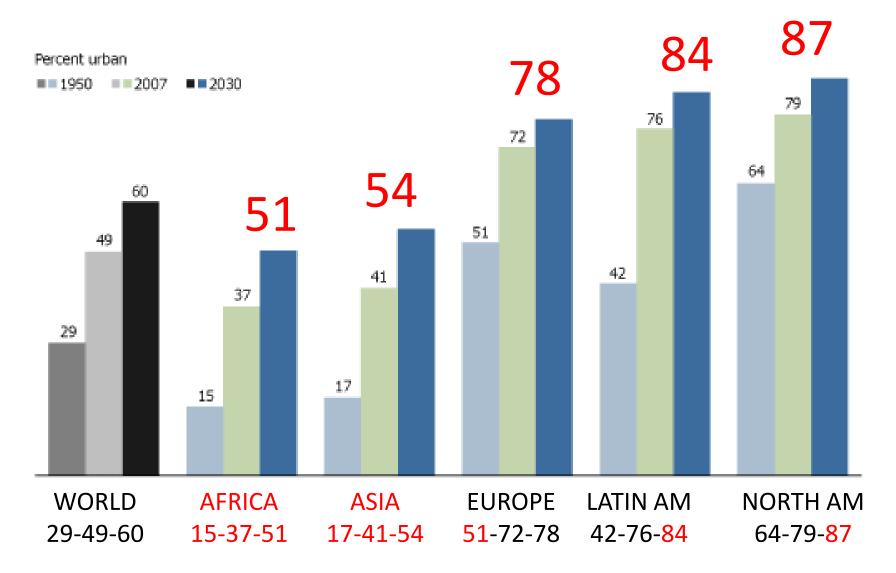
Sources: United Nations Population Division and Population Reference Bureau, 1993.



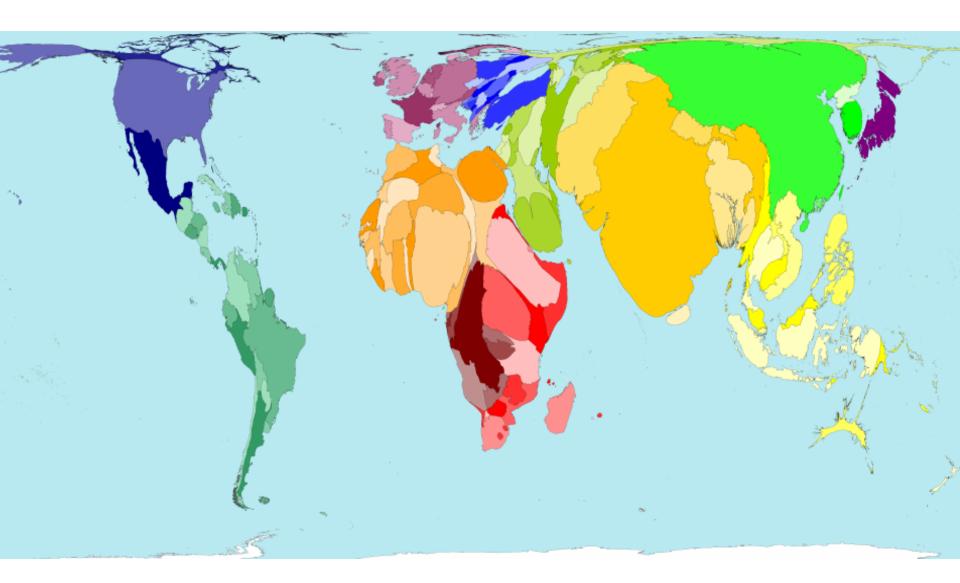
THE WORLD AT SEVEN BILLION



URBANIZATION 1950 - 2007 - 2030

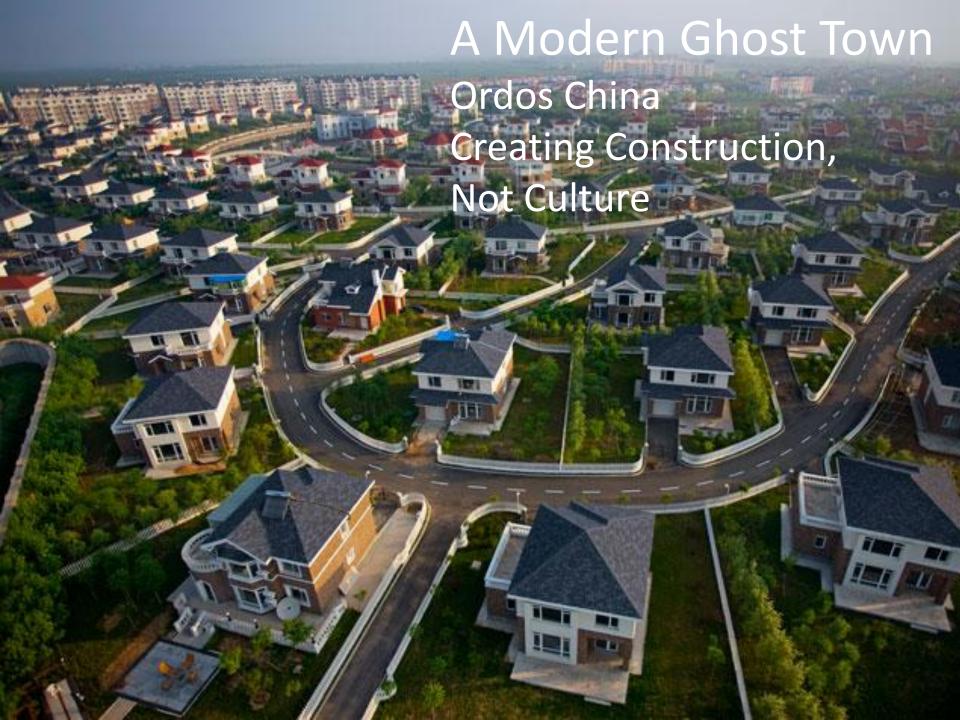


WORLD POPULATION 2300

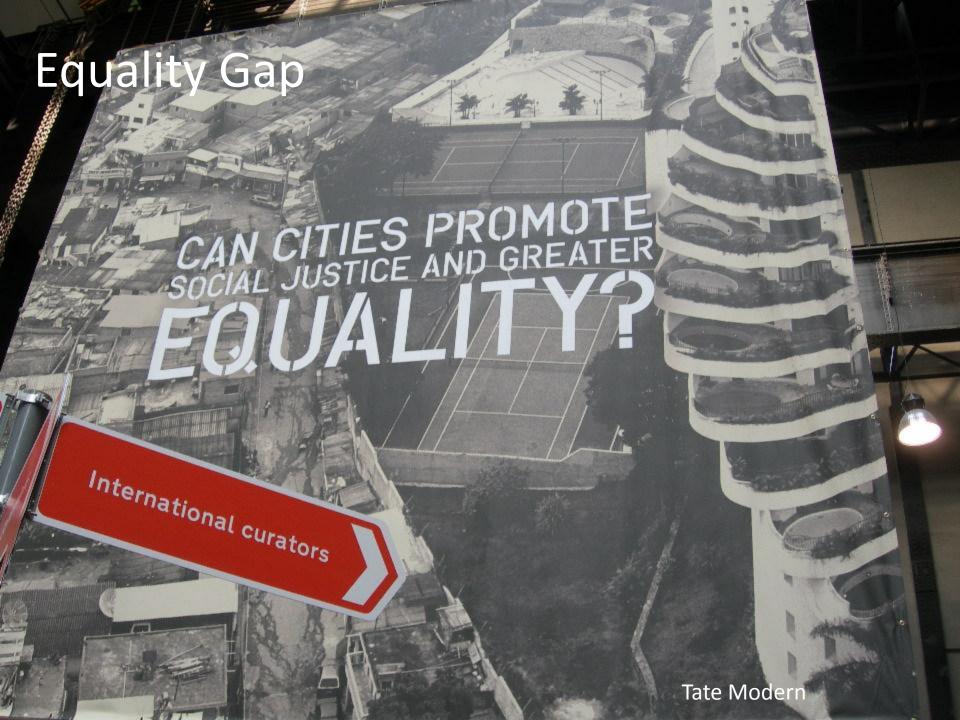




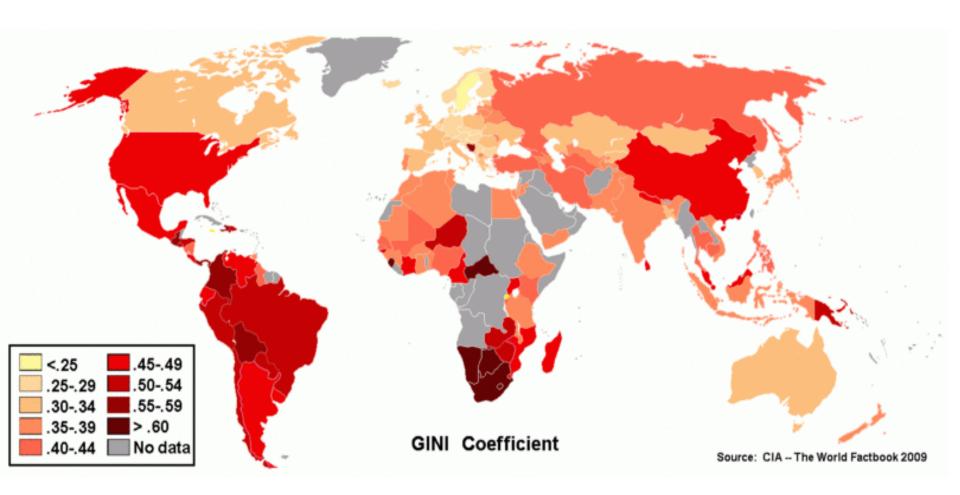




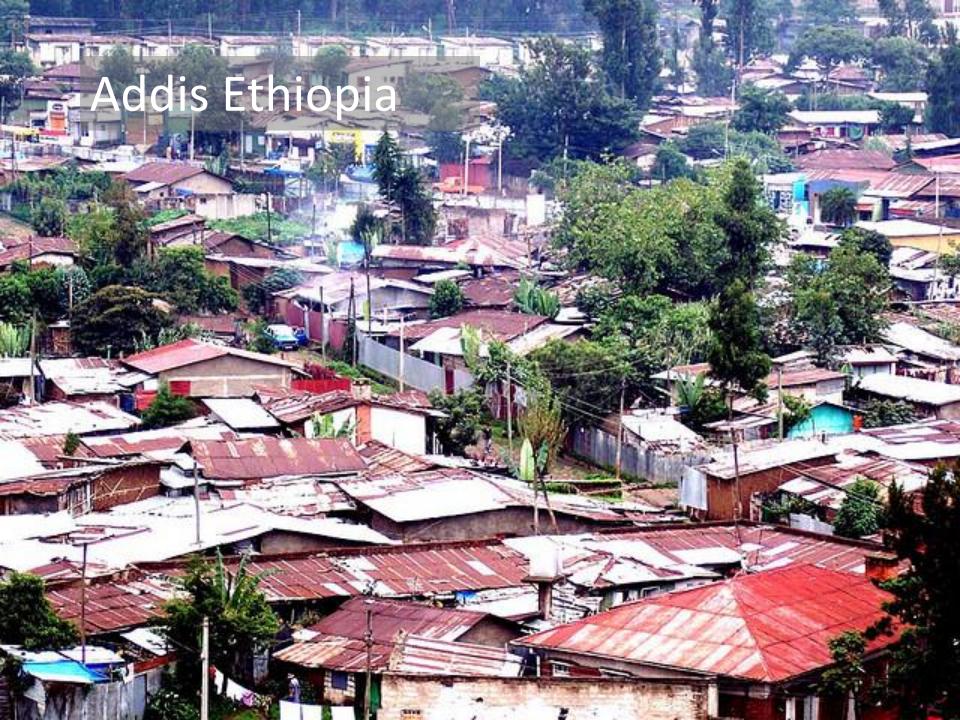




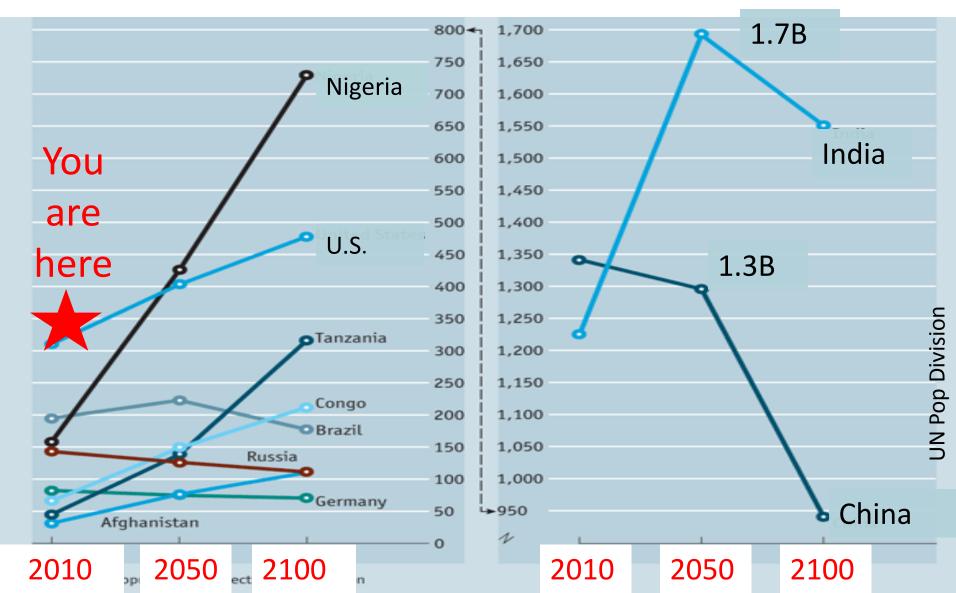
INCOME DISTRIBUTION GAP



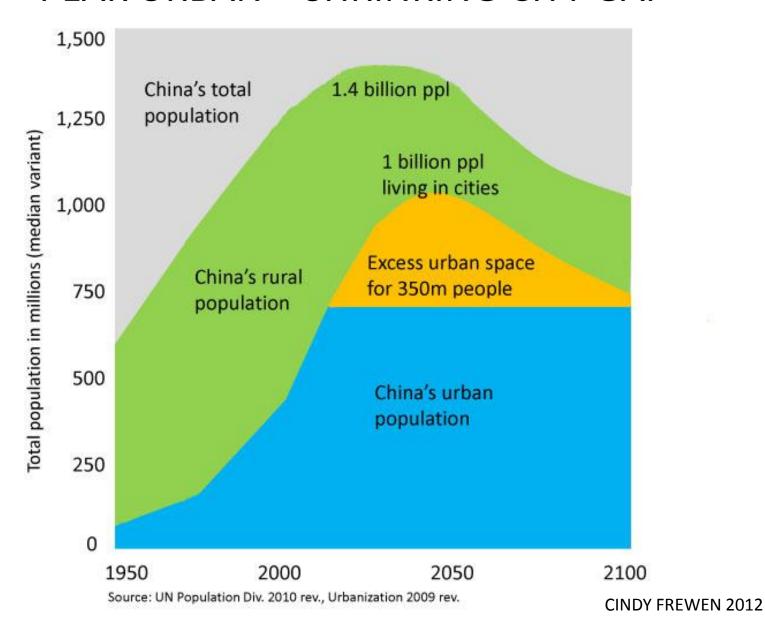
Gini Coefficient describes income inequality; 0 = all have equal income; 1 = one person has all the income.



Future Gap – Peak Urban? 2010 - 2100



PEAK URBAN – SHRINKING CITY GAP















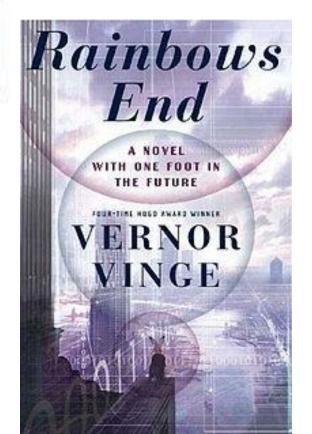


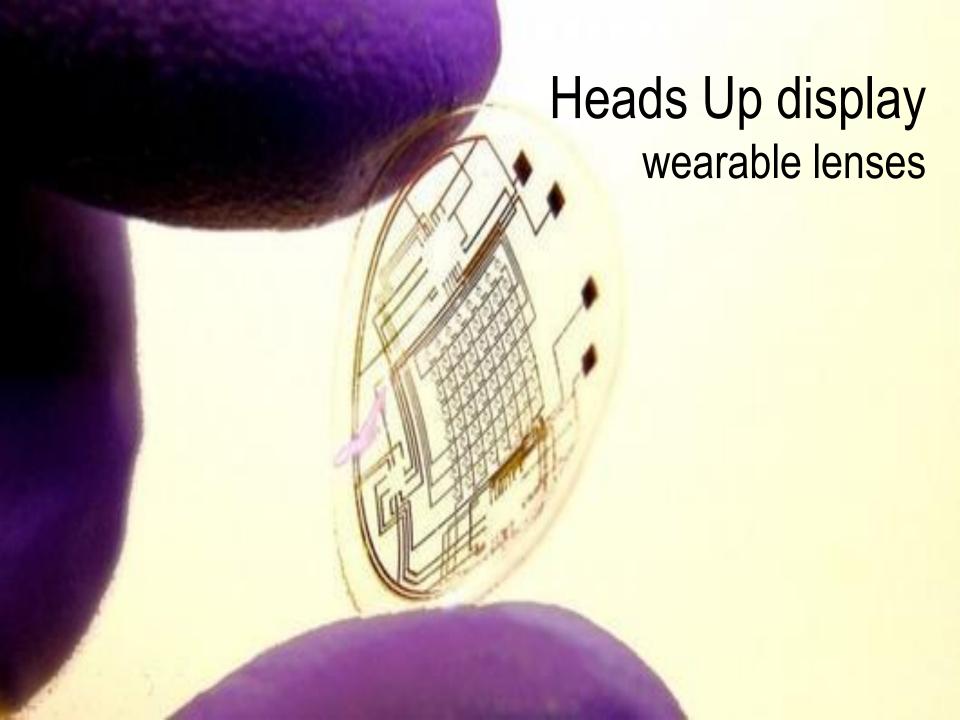


Rainbows End Vernor Vinge

Hybrid Cities, Wearables, Augmented Reality, Sentient City, IOT, Big Data

Makers Cory Doctorow Maker cities, DIY cities, Informal economies, Mesh















Big Urban Data: Mapping

