



URBAN-NEXUS

An introduction to URBAN-NEXUS and preliminary results



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UN: Cities contribute 70 percent of global greenhouse-gas emissions

By Tyler Falk | March 30, 2011, 2:17 PM PDT

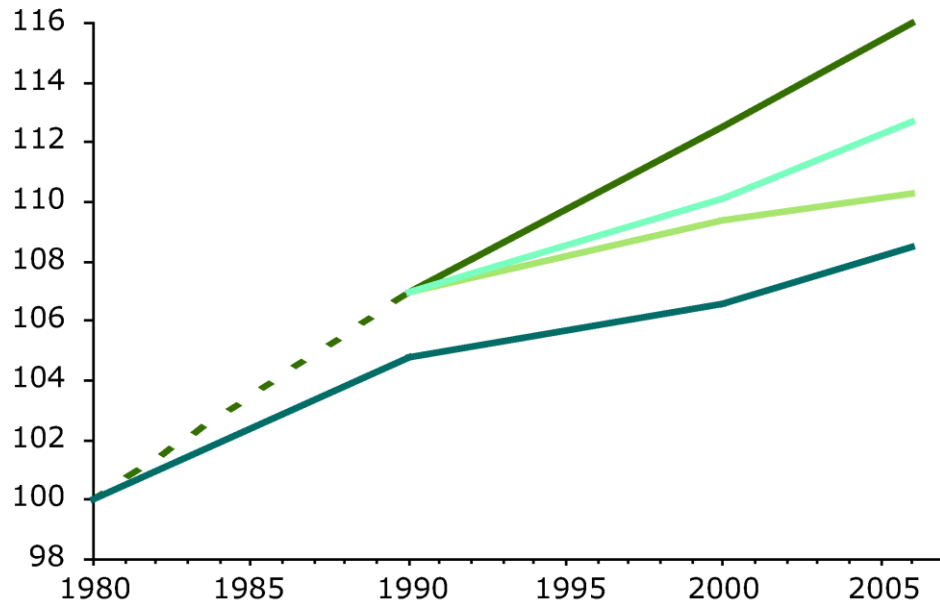


“The world’s cities only cover 2 percent of global land area, but they account for 70 percent of GHG emissions...”

Joan Clos Executive Director of UN-HABITAT, March 2011



Percentage increase



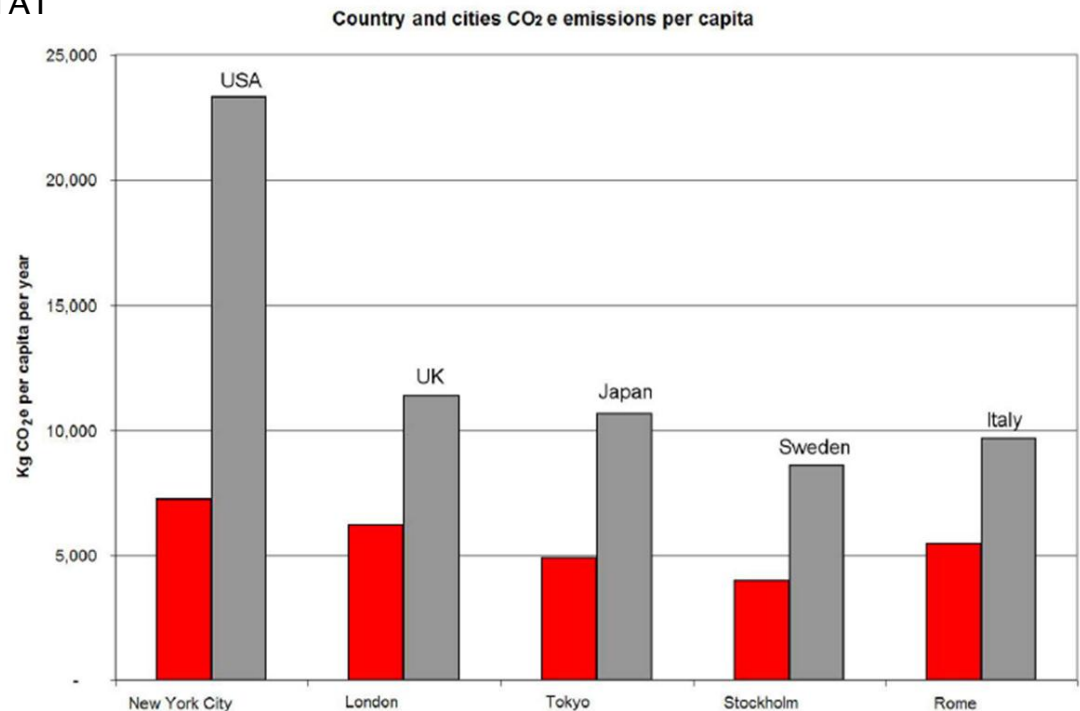
- Built-up (statistical data)
- Total built-up (CLC)
- Population
- Economic sites
- Residential sites



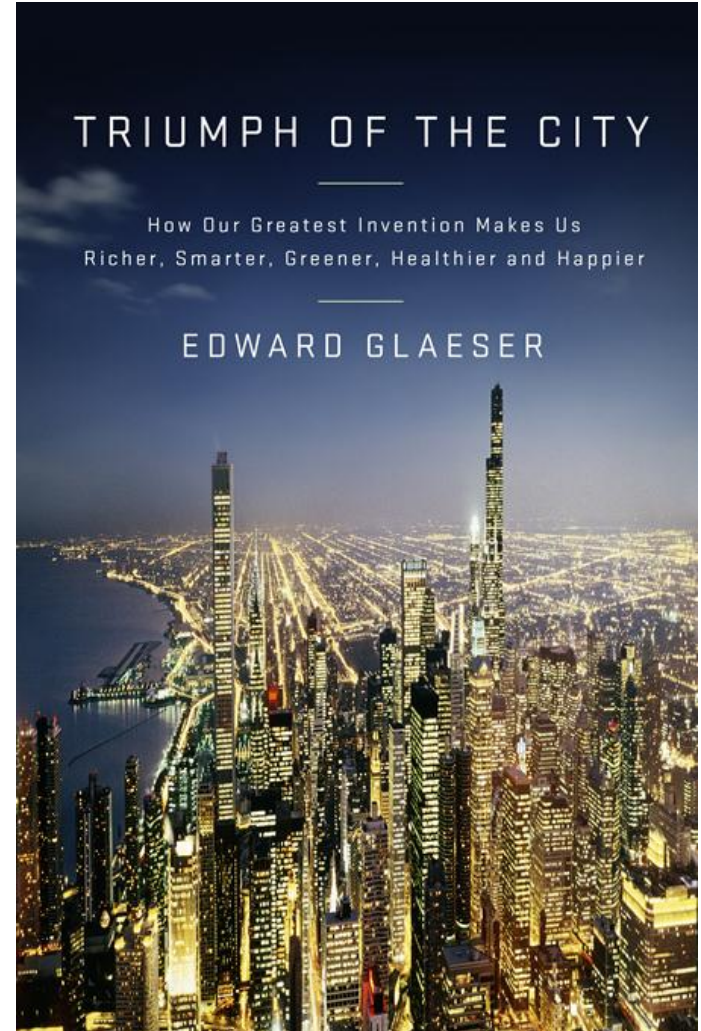


“...yet they are also places where the greatest efficiencies can be made. This makes it imperative that we understand the form and content of urbanization so that we can reduce our footprint”

Joan Clos Executive Director of UN-HABITAT

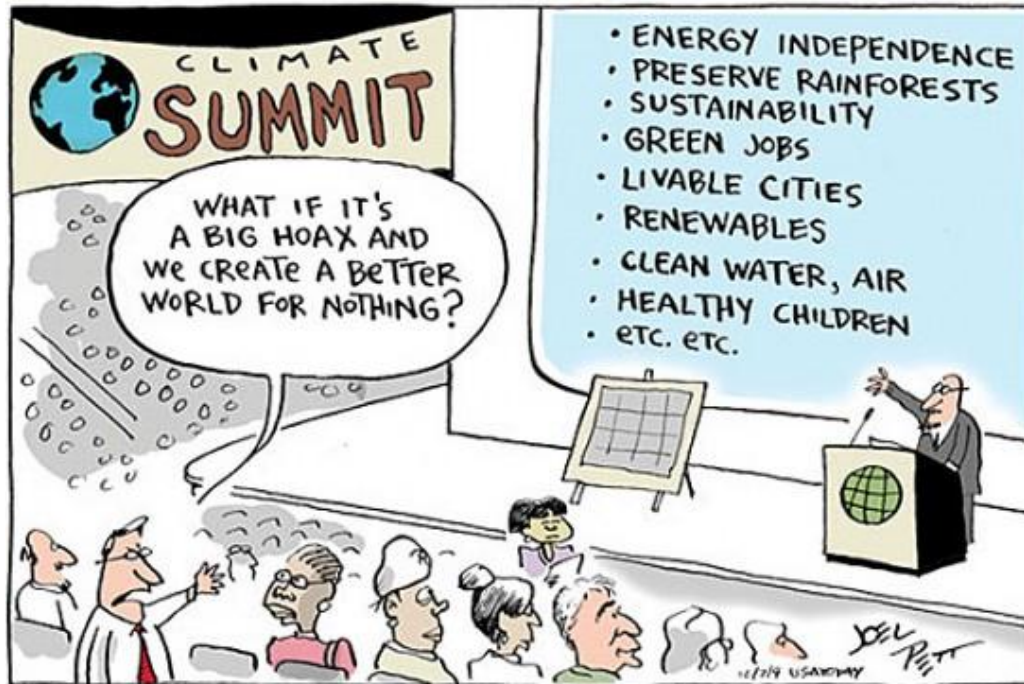


Source: McKinsey & Co (2008) and World Resources Institute (2009)





Despite scepticism...



... there is an urgent need for sustainable cities!



URBAN-NEXUS

Goals:

- Enabling knowledge transfer and dialogue with a variety of stakeholders
- Combining existing thematic knowledge into useful integrated perspectives on sustainable cities
- Formation of long-term partnerships

See also: www.urban-nexus.eu



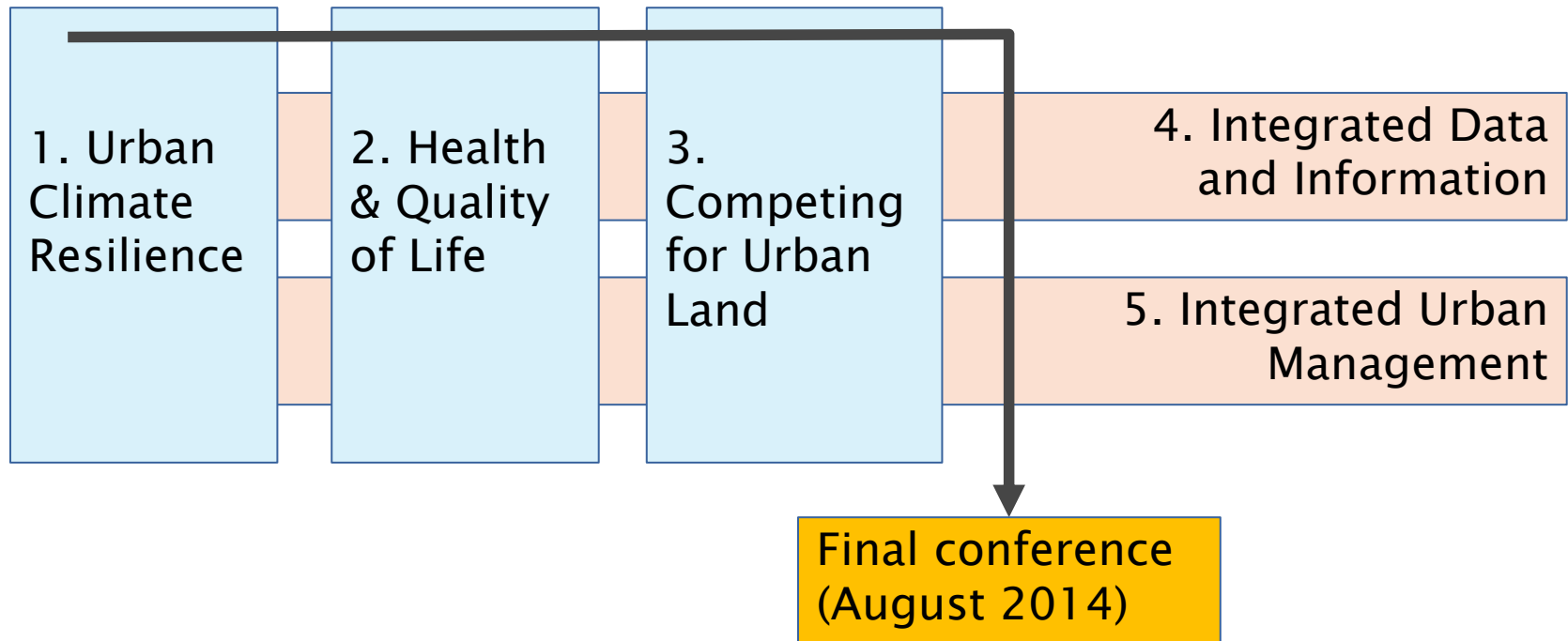
URBAN-NEXUS as a collaborative approach



- Co-production between stakeholders from research, policy, civil society and business
- Backgrounds on a variety of themes
- Direct contact, participation and innovation through a series of papers and Dialogue Cafés



URBAN-NEXUS themes and trajectory





Preliminary Results





- Promote climate resilience as an opportunity for social and community cohesion, as opposed to the technical debate on mitigation (CO2 reduction)
- Investments and smart designs of green infrastructure improves opportunities for resilience, health and QoL
- Improved data (harmonisation), monitoring and scenarios needed to explore preferred development pathway
- Integrated development at the regional scale increases opportunities to connect cities to cities and cities to the countryside



URBAN–NEXUS partnership development

- Dissemination plans, use of social media
- Inventory of knowledge gaps
- Event calendar
- Connect with related FP 7 projects
- Pursue next stage funding



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EUROCITIES,
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UAB – Autonomous
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ICLEI – Sustainability
Management and Urban
Governance, Europe



FORMAS – Swedish Research
Council for Environment and
Spatial Planning, Sweden

The Swedish Research Council for Environment,
Agricultural Sciences and Spatial Planning



University of the
West of England

UWE – University of the
West of England, UK



ADVANCITY
French Ministry of
Industry, France



ASDE – Agency for
Sustainable development
and Euro-Integration,
Bulgaria



SIRS – Information
System and Spatial
Reference, France



REC – Regional REC,

REGIONAL ENVIRONMENTAL CENTER
Environmental Centre for Central and Eastern
Europe, Hungary

BAUHAUS DESSAU

Bauhaus Dessau Foundation, Germany

Next Dialogue Cafe: April 10 & 11, Gothenburg

Thematic area: Competing for Urban Land