

10 Provocations to Design Strategies for the Future of our (Smart) Cities

Dr Igor Calzada MBA

www.igorcalzada.com/about

@icalzada

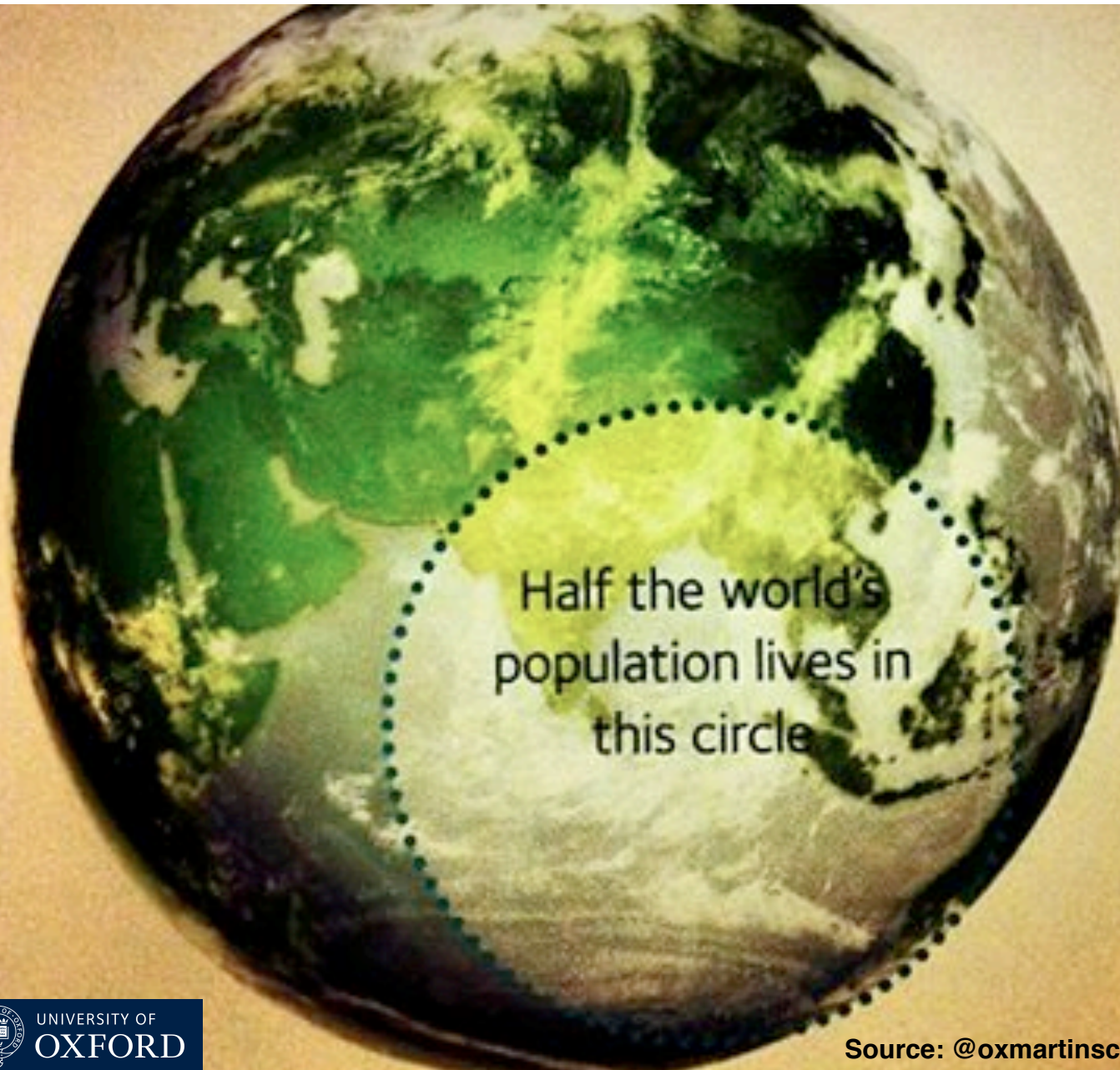
Open Innovation Forum. Moscow (Russia)

29th October 2015. 15:00-16:30.

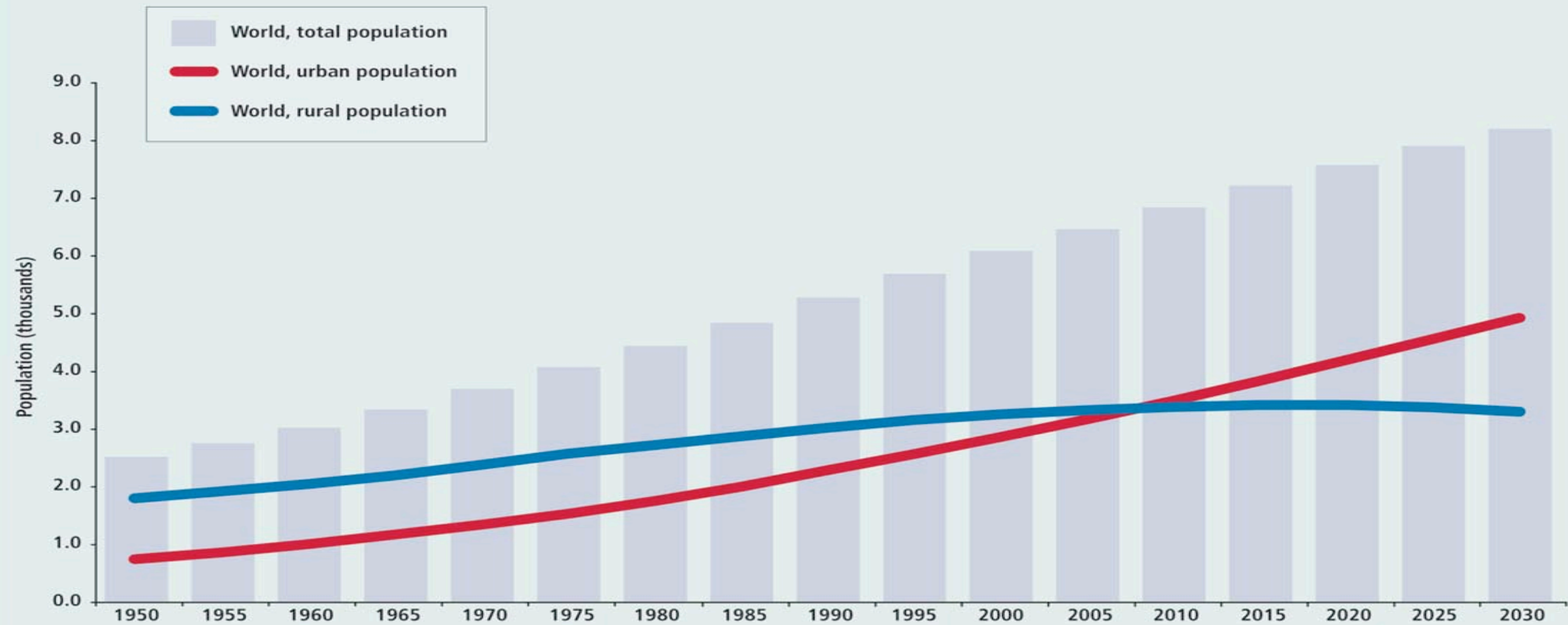
'City as technology consumer. Vision 2030'

By @icalzada

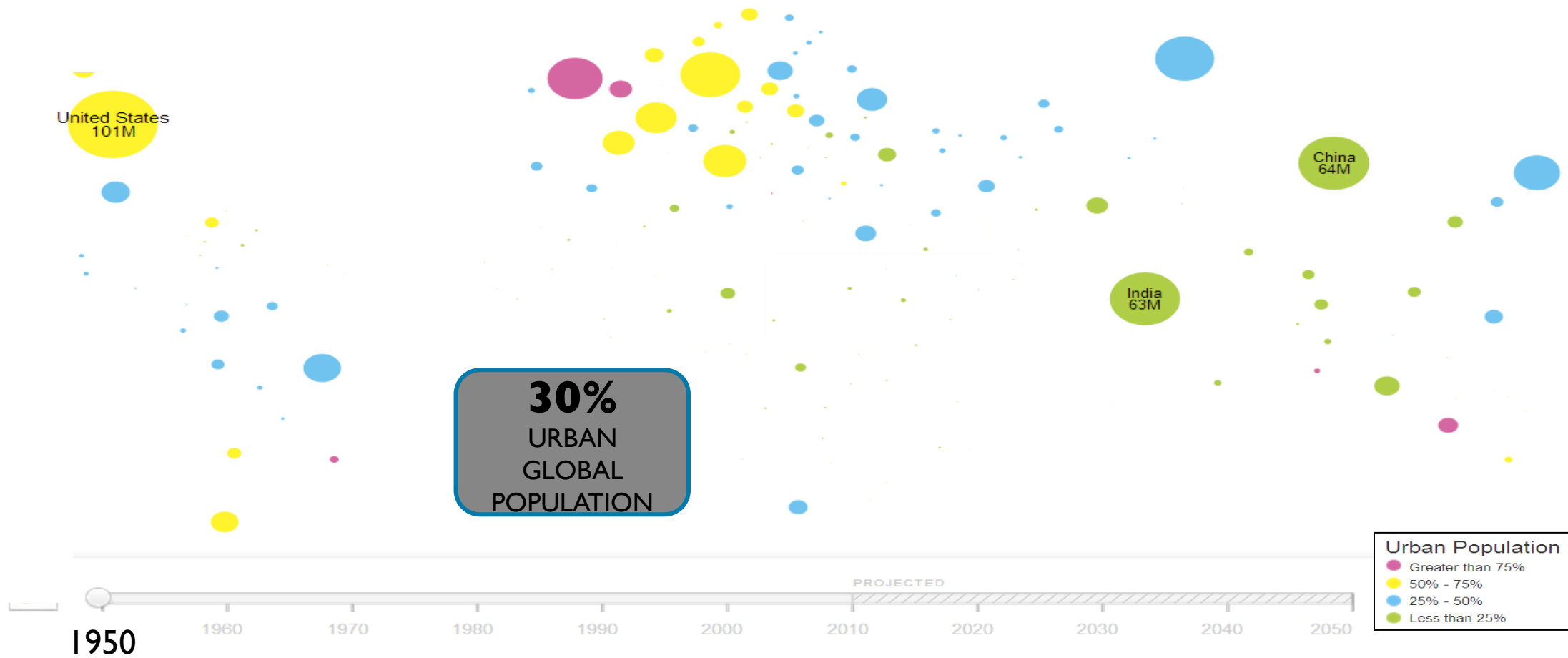




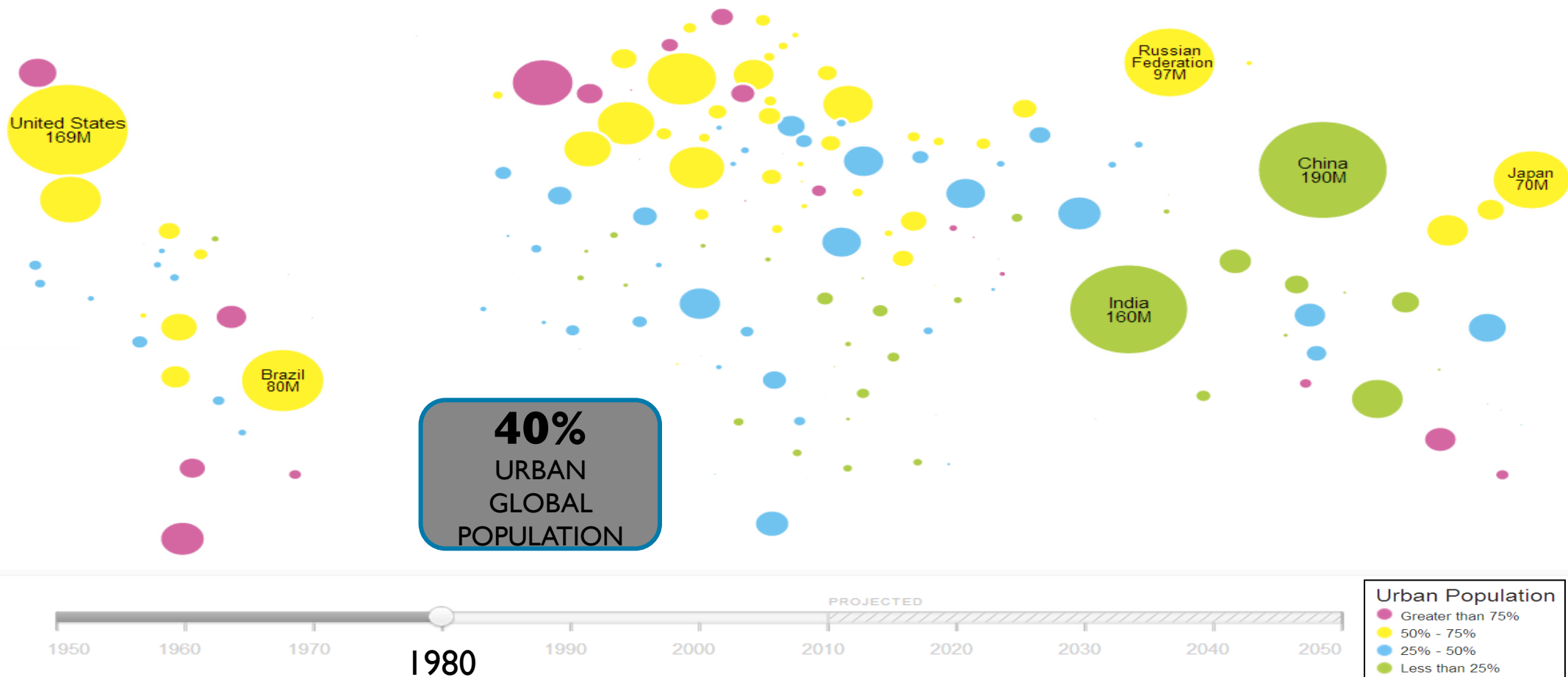
The urban and rural population of the world, 1950-2030



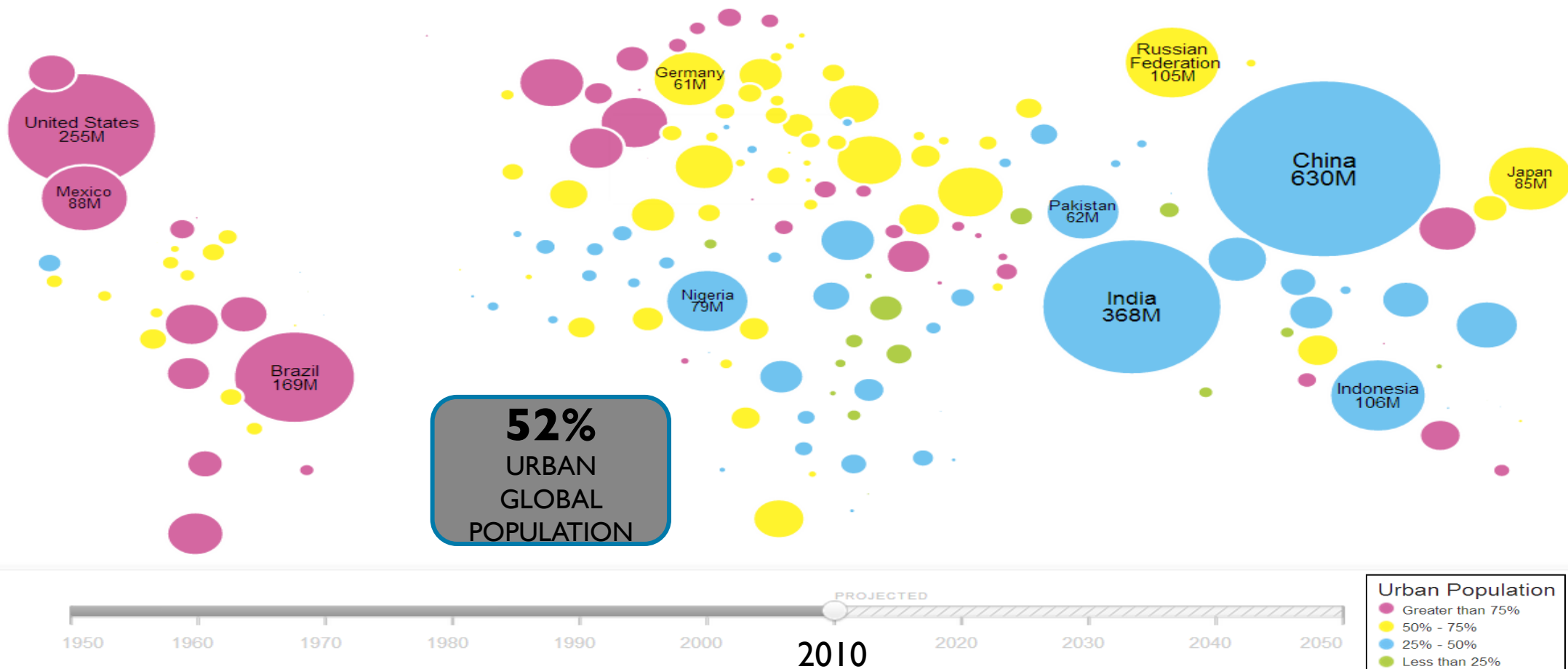
Source: @UNHABITAT



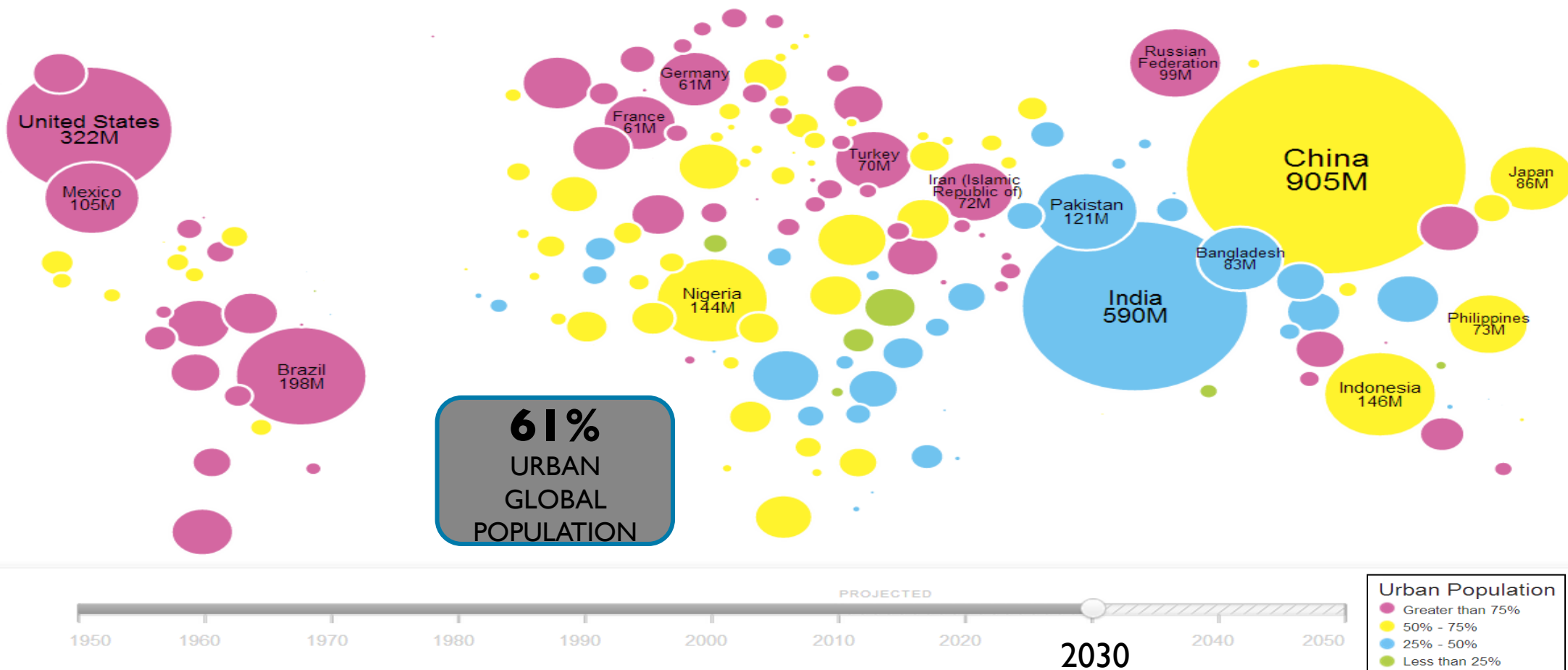
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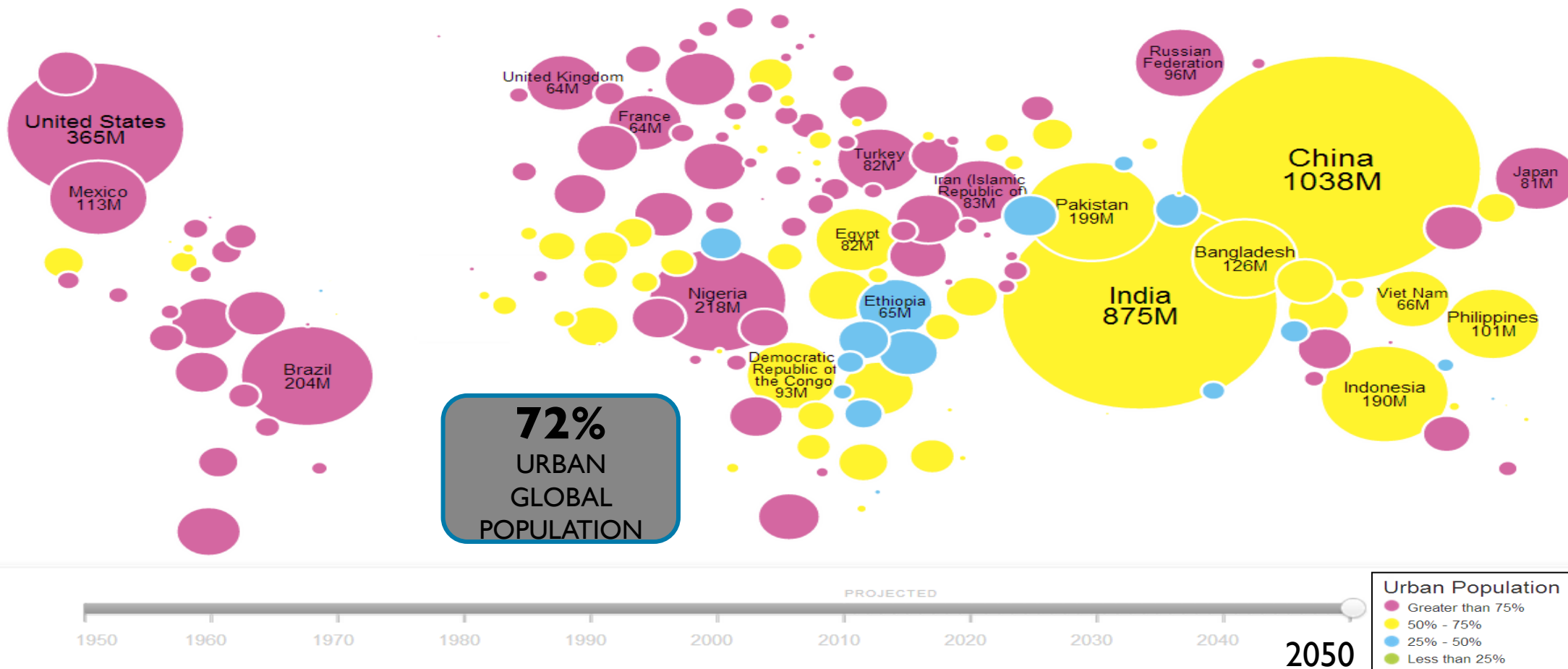
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Source: @UNICEF

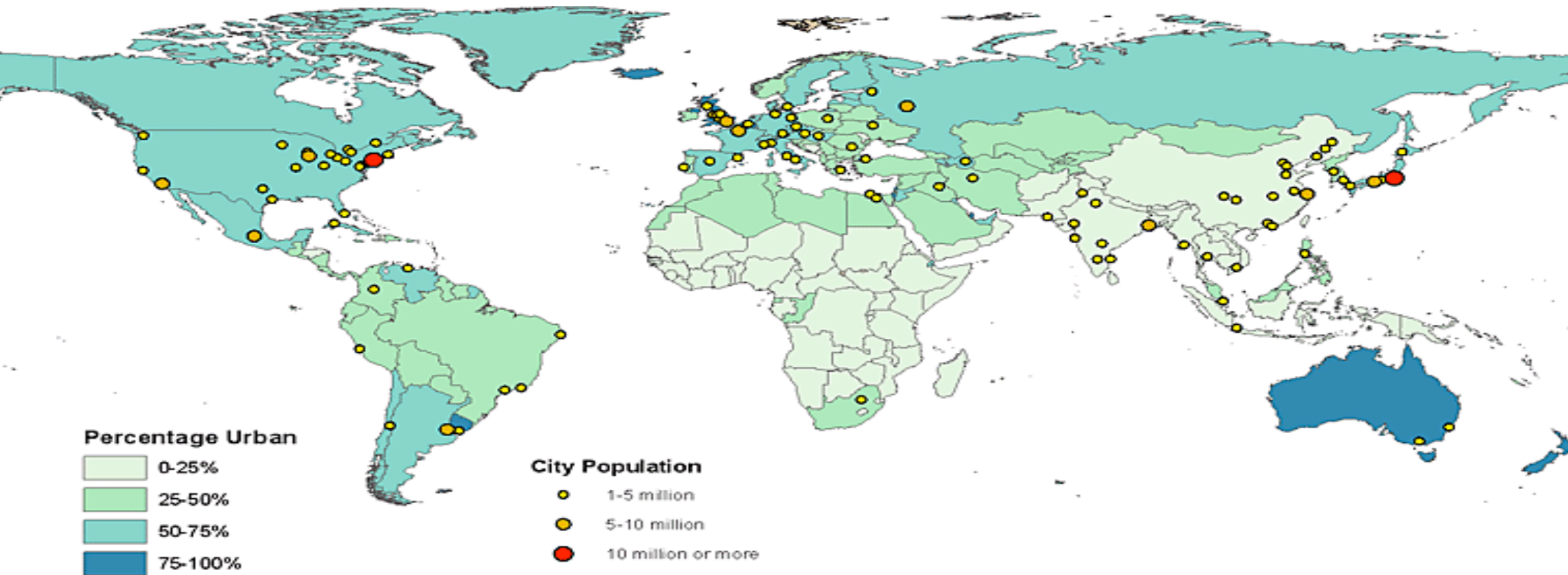


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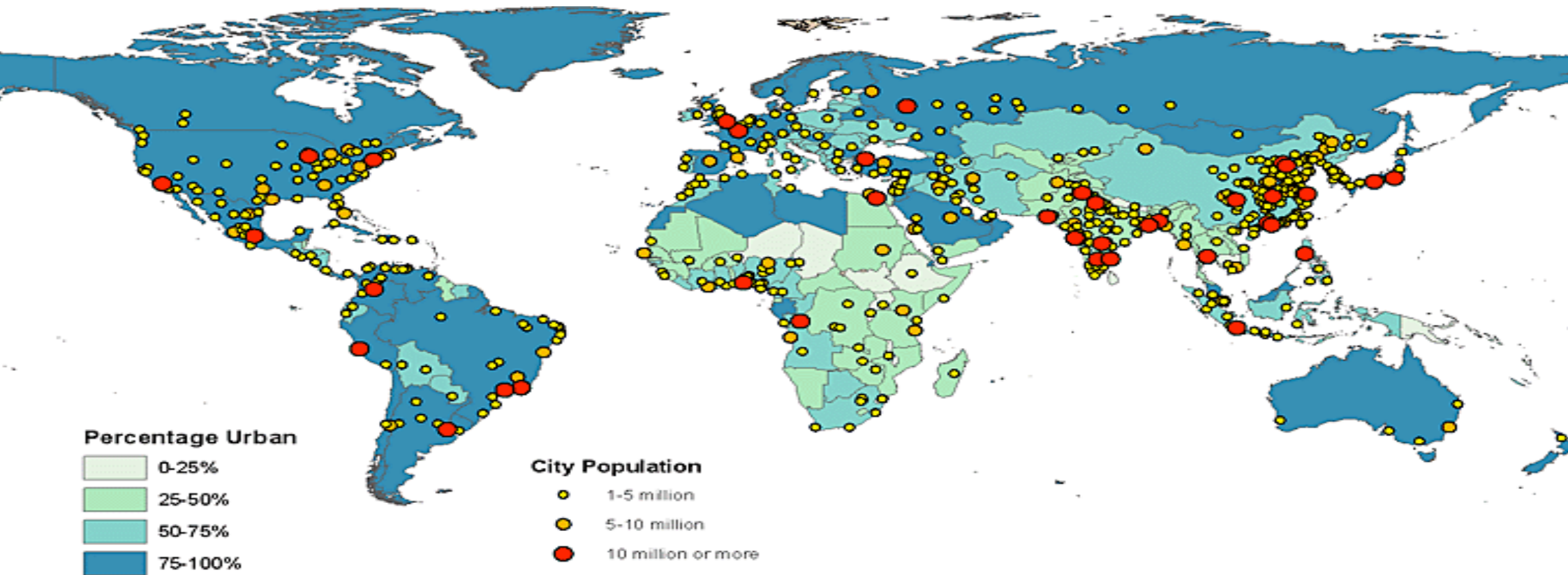
Source: @UNICEF

1960



Source: @UN

2025



Source: @UN

21st century
>
The century
of/for
CITIES

Journal of Urban Technology, 2015
<http://dx.doi.org/10.1080/10630732.2014.971535>



Unplugging: Deconstructing the Smart City

Igor Calzada and Cristobal Cobo

ABSTRACT *This paper explores the subtle notion of unplugging to critically analyze the technological determinism of the Smart City. This exploration suggests that being digitally connected should not be perceived as gaining social capital. This article critiques the assumptions of the Smart City and proposes a 10-dimension conceptual framework. The first section of this article explores hyper-connected societies and how unplugging could be beneficial. The main subjects, Digital Natives, are discussed in the second section of this article. The third section is a decalogue on deconstructing the Smart City, and the final section presents key ideas and questions for future analysis.*

KEYWORDS *unplugging; social innovation; smart city; hyper-connected societies; digital & social divide*

Calzada, I. & Cobo, C. (2015),
Unplugging: Deconstructing the Smart City,

Journal of Urban Technology.

DOI: 10.1080/10630732.2014.971535

<http://www.tandfonline.com/doi/full/10.1080/10630732.2014.971535#abstract>

#UNPLUGGING the SMART CITY	1 WHO	2 HOW	3 SYSTEMS	4 GOVERNANCE	5 INFORMATION	6 FOCUS	7 SPACE	8 DESIGN	9 SOCIO-POLITICAL PROCESSES	10 POLITICAL ECONOMY
	Social and Digital Divide	Individualism vs Collectivism	Socio vs Technical Systems	Master Planning vs Emergent Plan and Top Down vs. Bottom Up	Overload vs Scarcity	Social Networking vs Social Capital	Context Collapse	Ambient Commons	Control & Normative vs Free & Emergent	Profitable vs Non-Profitable
From	High	Individualism vs Collectivism	Artificial	Top Down and Master Planning	Controlled	Interaction	Fragmented	Infrastructure-centered	Control and Normative	Private and Financially
To	Low	Networked Individualism or Neo-communitarianism	Integrated	Bottom Up and Emergent Plan	Open Data	Trust	Contextualized	People-centered	Free and Emergent	Communitarian and Socio-economical

An aerial, isometric-style illustration of a modern city. The city features a mix of high-rise buildings, residential areas, green parks, and a river with a bridge. Wind turbines are visible in the background, suggesting a focus on sustainable development. The entire scene is framed within a green, oval-shaped border.

1

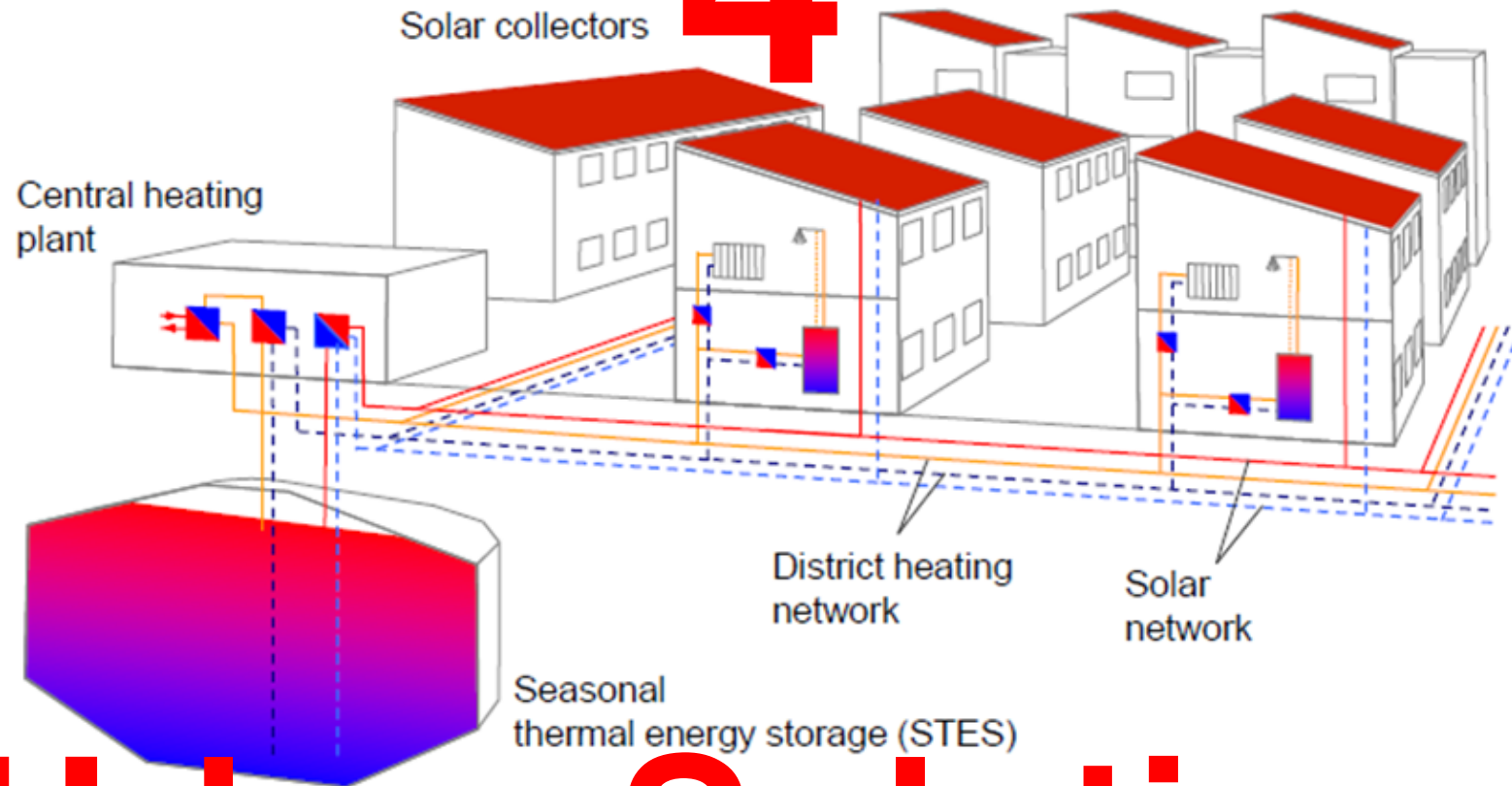
Ethnographically & Strategically: Learning Cities

By @EU_H2020

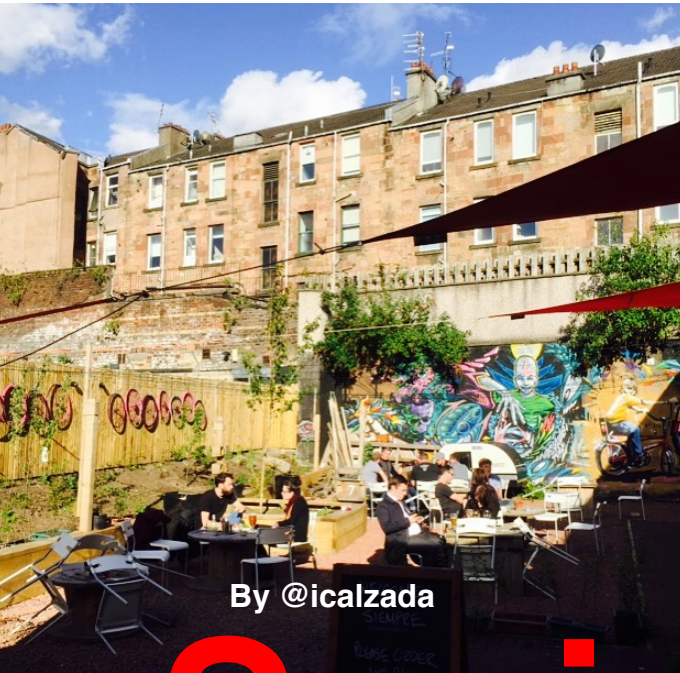




4



Urban Solutions



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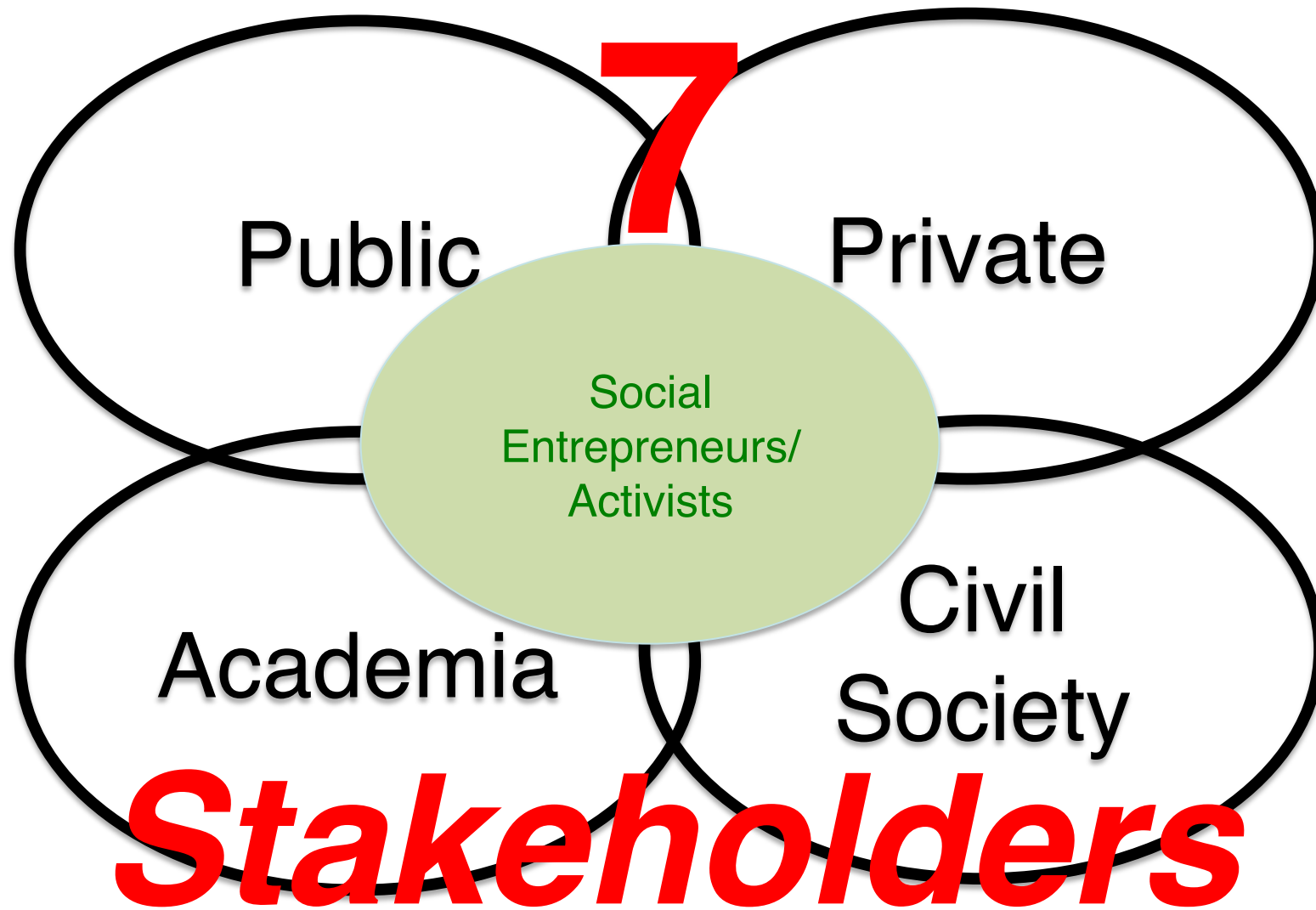


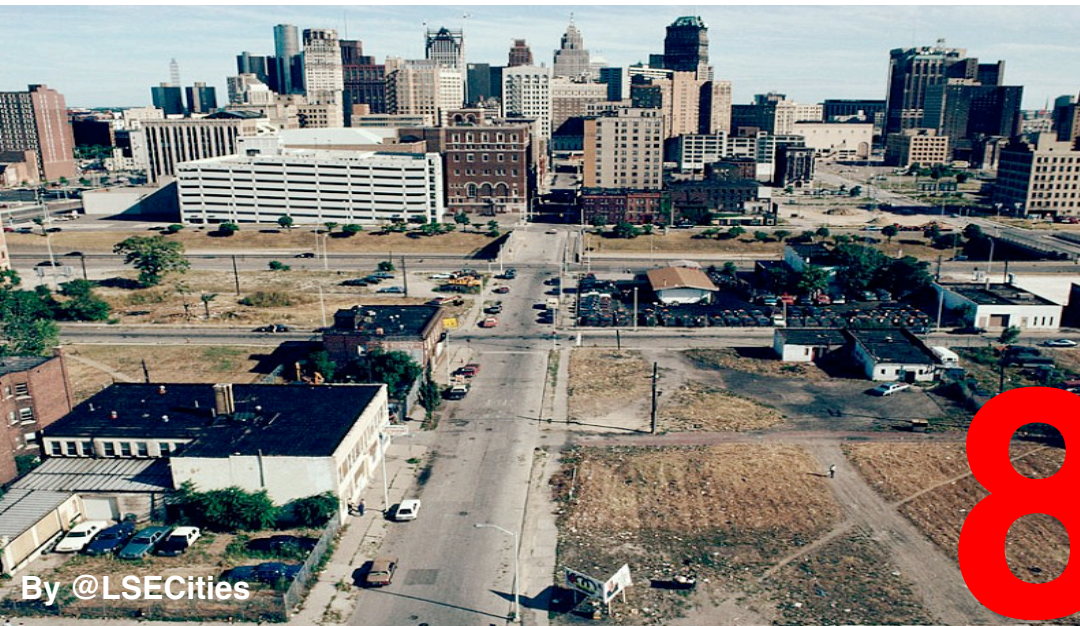
Socially Innovative

6

YOU REMEMBER
MY
PIN?

Unplugging





By @LSECities



By @bilbaometropoli

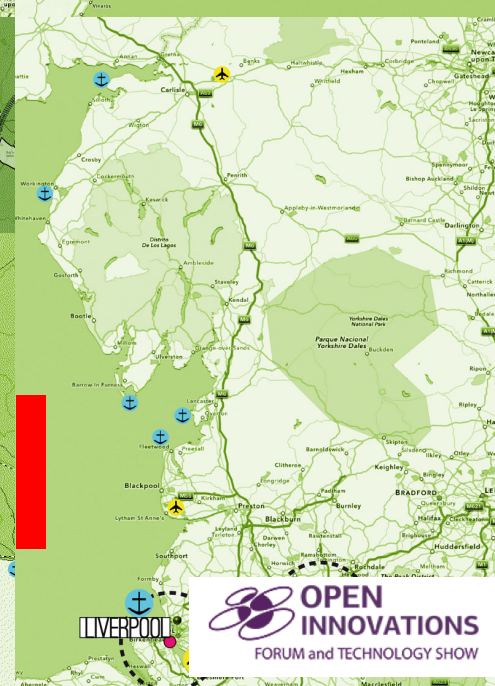
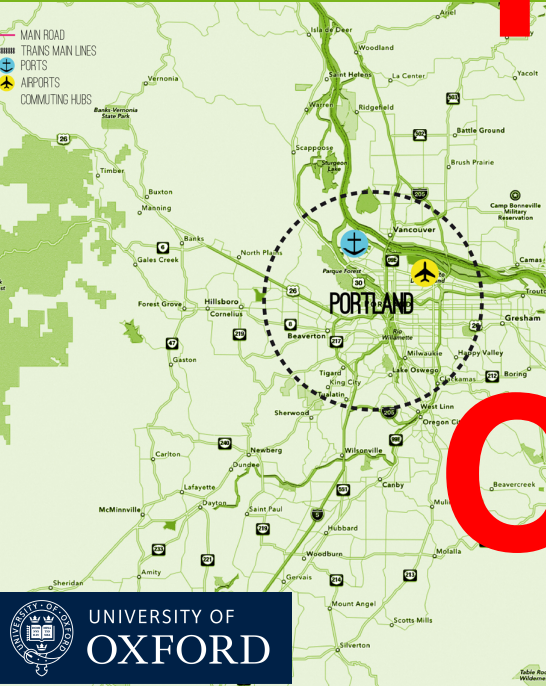
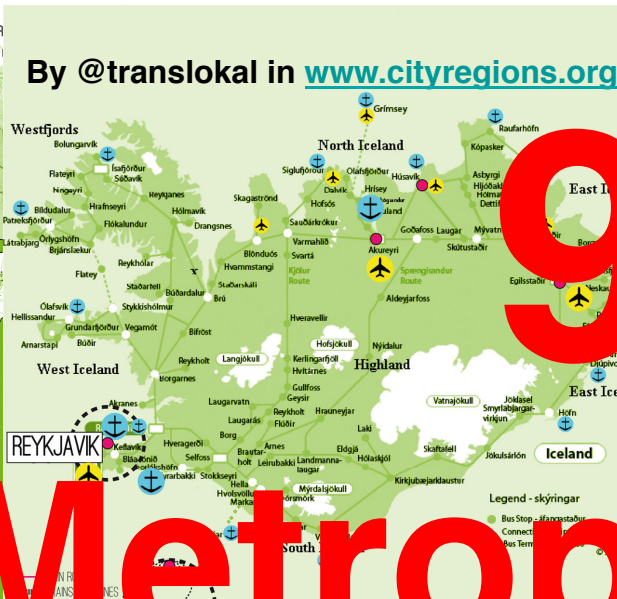


By @CitiesOxford



By @ifuturecities

City-to-City Benchmarking



9 Metropolitan + City-Regional

10 Experience + Open Data

Smart City-to-City Learning & Benchmarking

Project	Cities involved	Timeframe & Tittle	Funding institutions
EU-FP7-314277- STEEP Smart City Plan	• Bristol (UK) • St Sebastian (SP) • Florence (IT)	2014-2015: Systems Thinking for comprehensive city Efficient Energy Planning Smart City Master Plan.	EU-FP7 http://www.smartsteep.eu/
EU-FP7-314679 STEP UP Smart City Plan	• Glasgow (UK) • Riga (Latvia) • Gothenburg (Sweden) • Ghent (Belgium)	2014-2015: Energy Planning for Cities Smart City Master Plan. MSc Master in Global Sustainable Cities.	EU-FP7 www.stepupsmartcities.eu/
EU-H2020SCC-Lighthouse. REPLICATE	• Bristol (UK) • St Sebastian (SP) • Florence (IT) • Laussane (SW) • Essen (DE) • Nilüfer (TK)	2015-2020: REinassance of PLaces with Innovative Citizenship And TEchnology'.	EU-H2020-SCC
EU-Marie Curie Actions-Cofund-Regional Programmes	• Bristol (UK) • Glasgow (UK) • Bilbao (SP) • Barcelona (SP)	2015-2016: Comparing Smart City-Regional Governance Strategies: Bilbao, Barcelona, Bristol & Glasgow'.	EU-Marie Curie Actions- Cofund

Thanks for your attention

Dr Igor Calzada MBA

igor.calzada@compas.ox.ac.uk

www.igorcalzada.com/about

@icalzada

<https://oxford.academia.edu/IgorCalzada>

<https://uk.linkedin.com/in/icalzada>