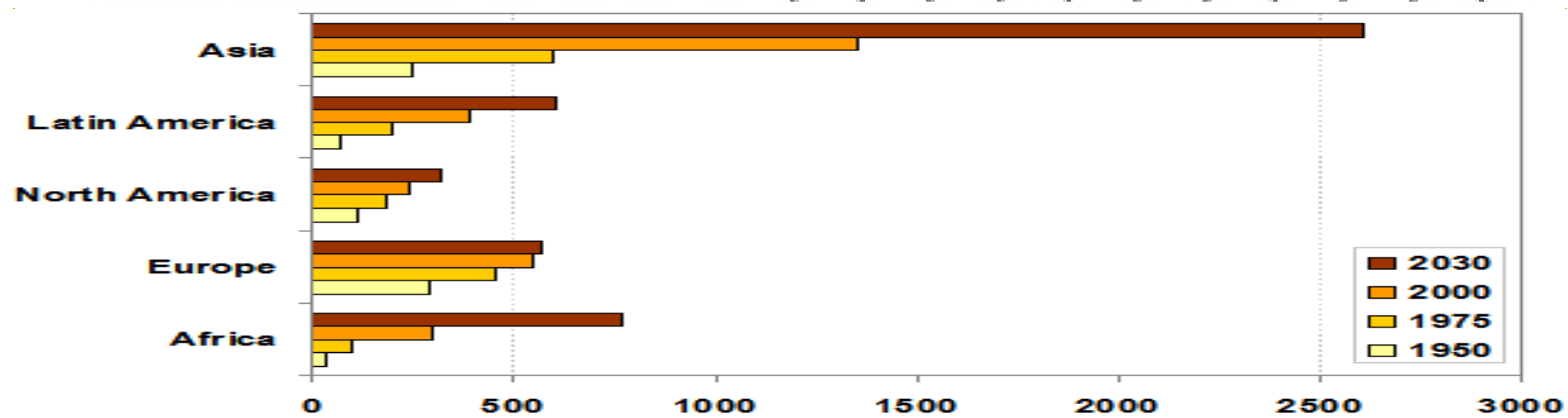
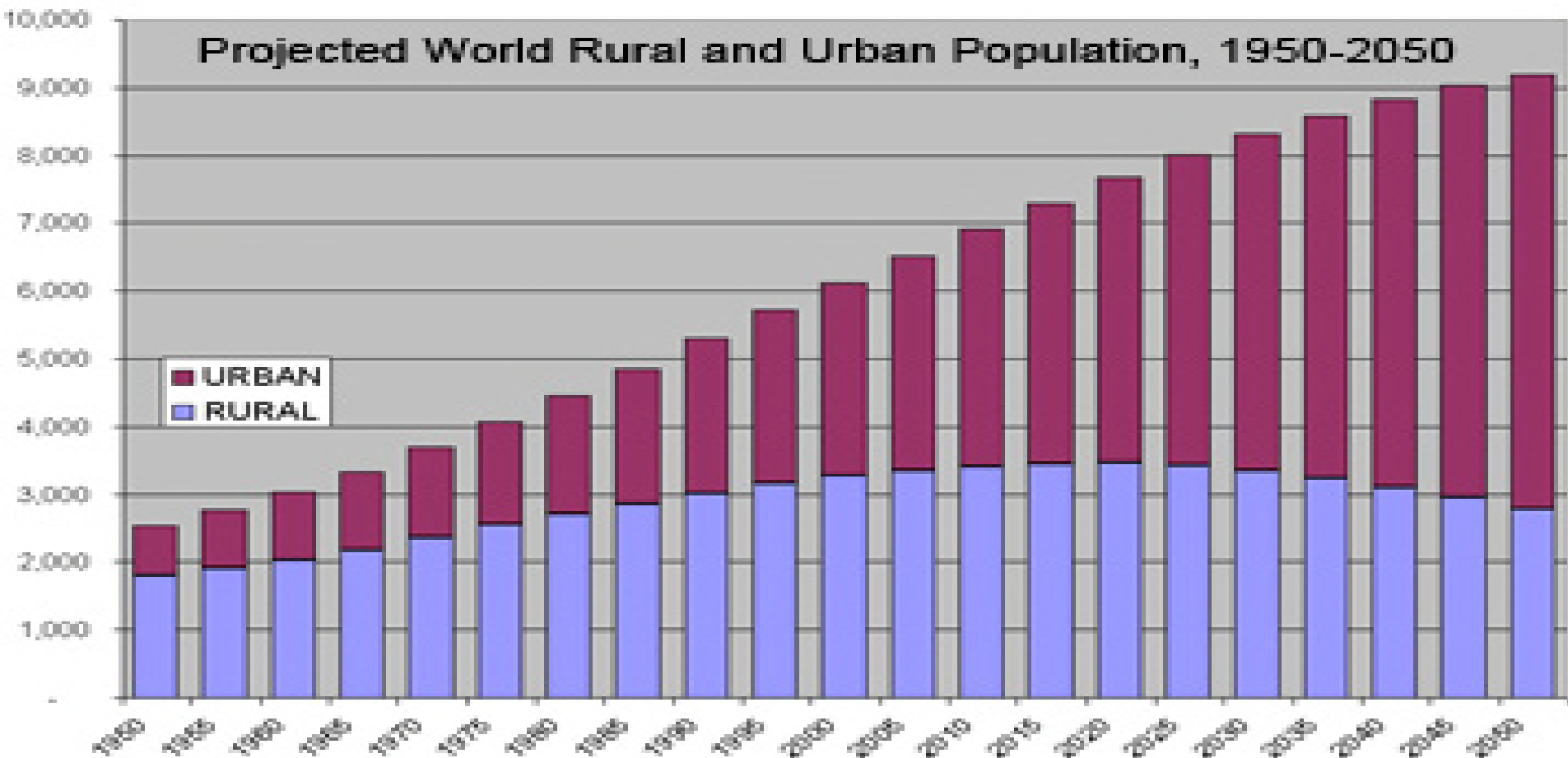
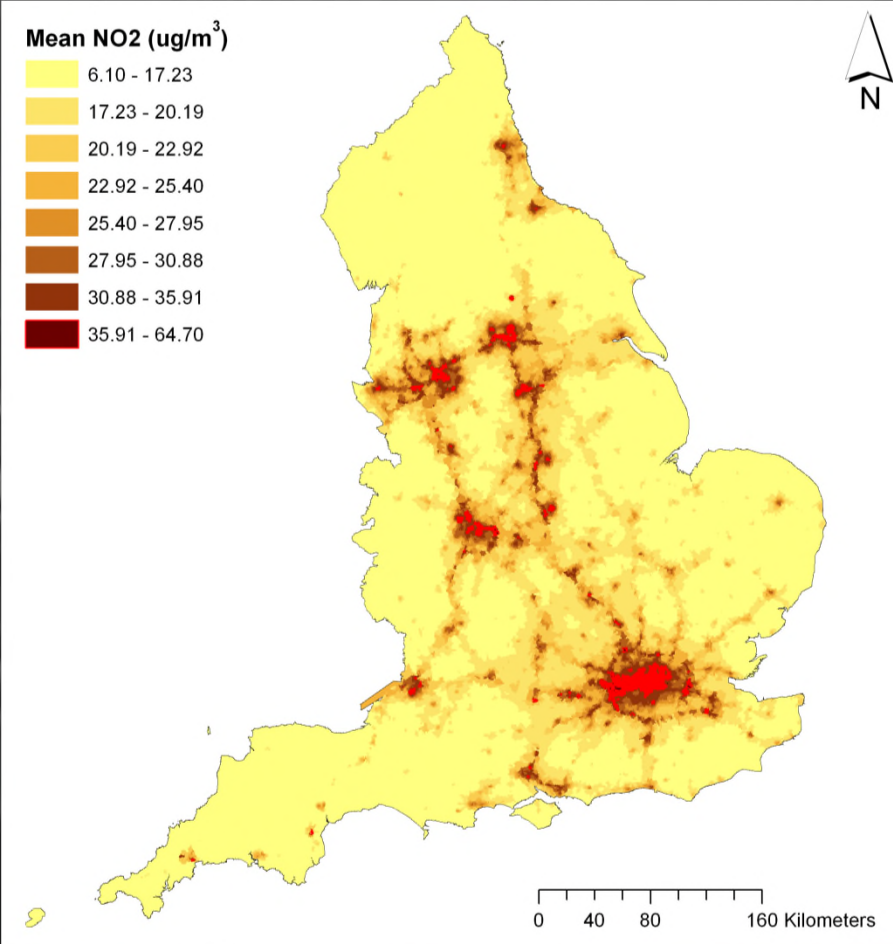


The Experimental City

James Evans







City as perpetrator

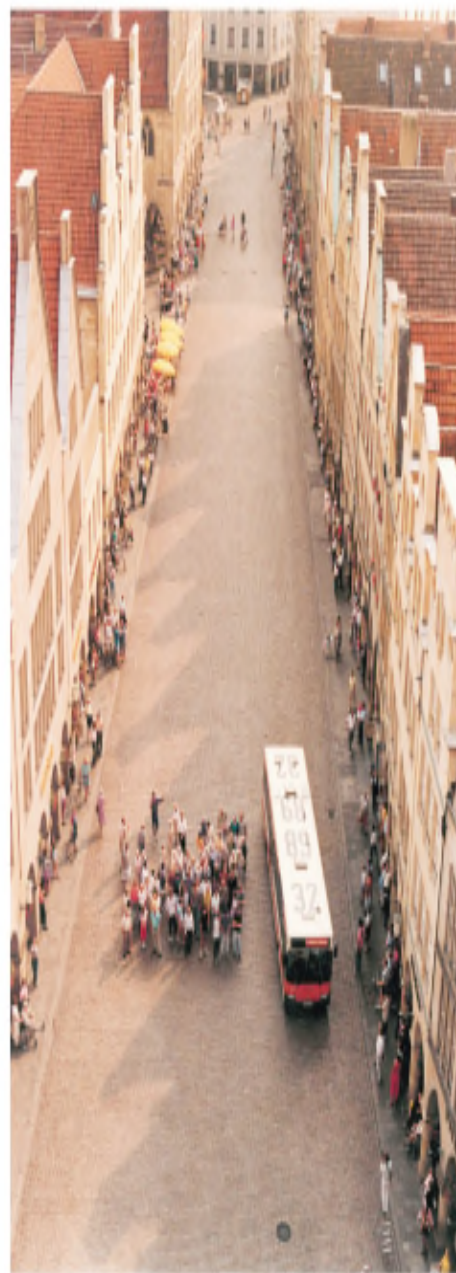


City as victim

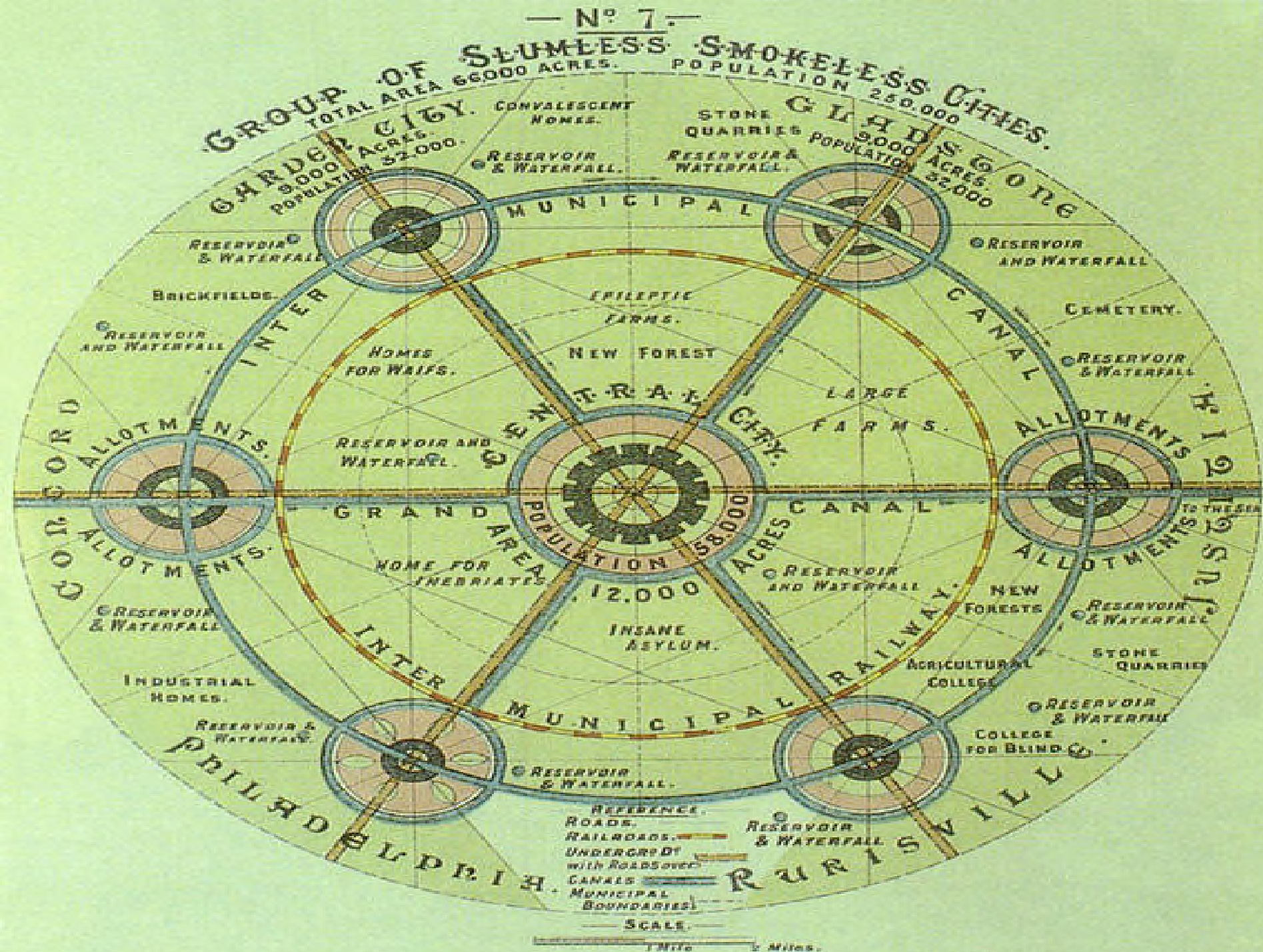
Cities as Solutions

Cities are ‘new state spaces’, that haven’t received much attention from an environmental perspective... (Hodson and Marvin, 2009, p. 198)

Figure 2.6 Amount of space required to transport the same number of passengers by car, bus or bicycle. (Poster in city of Muenster Planning Office, August 2001)

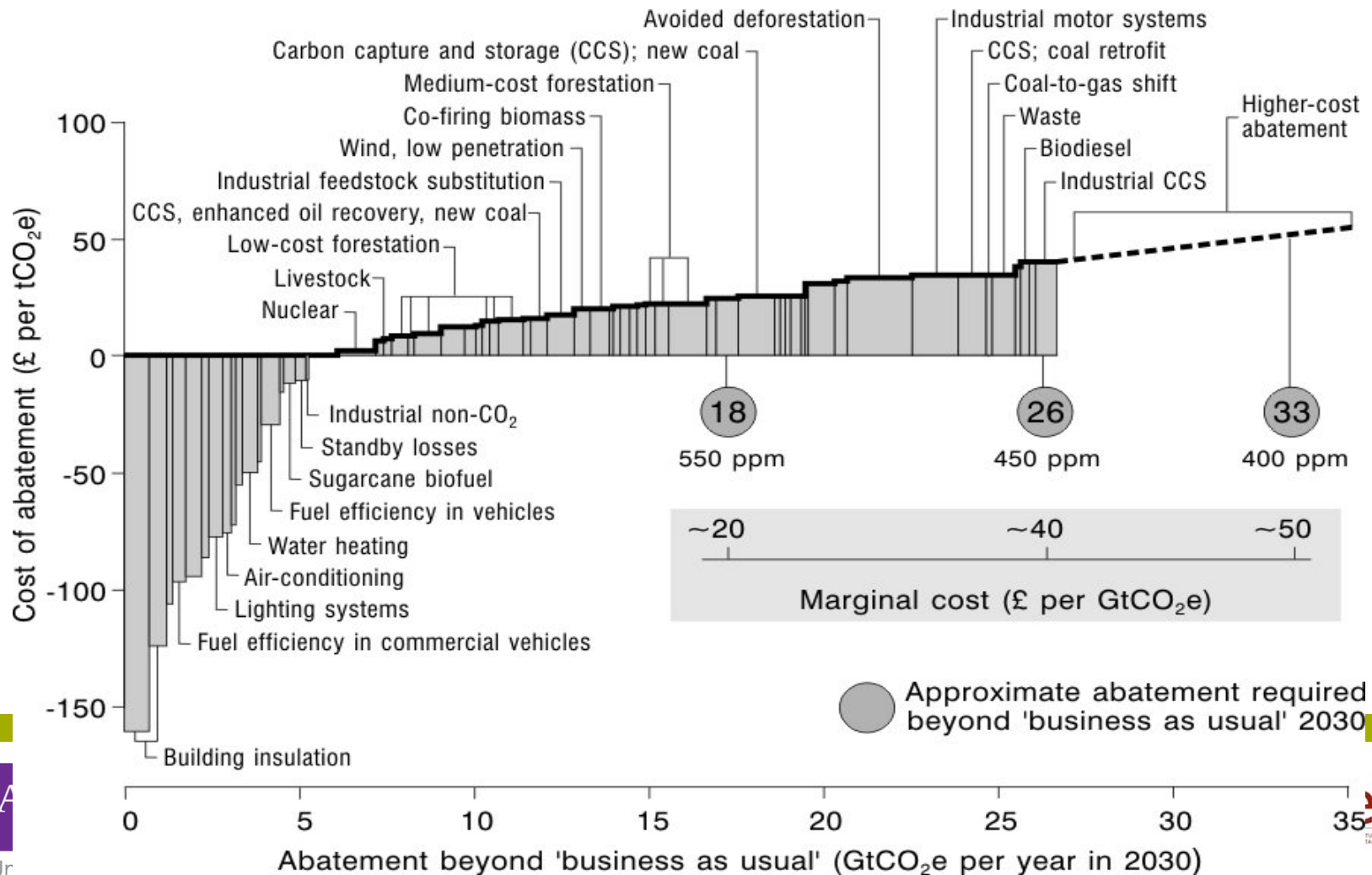


Credit: Press-Office City of
Münster, Germany

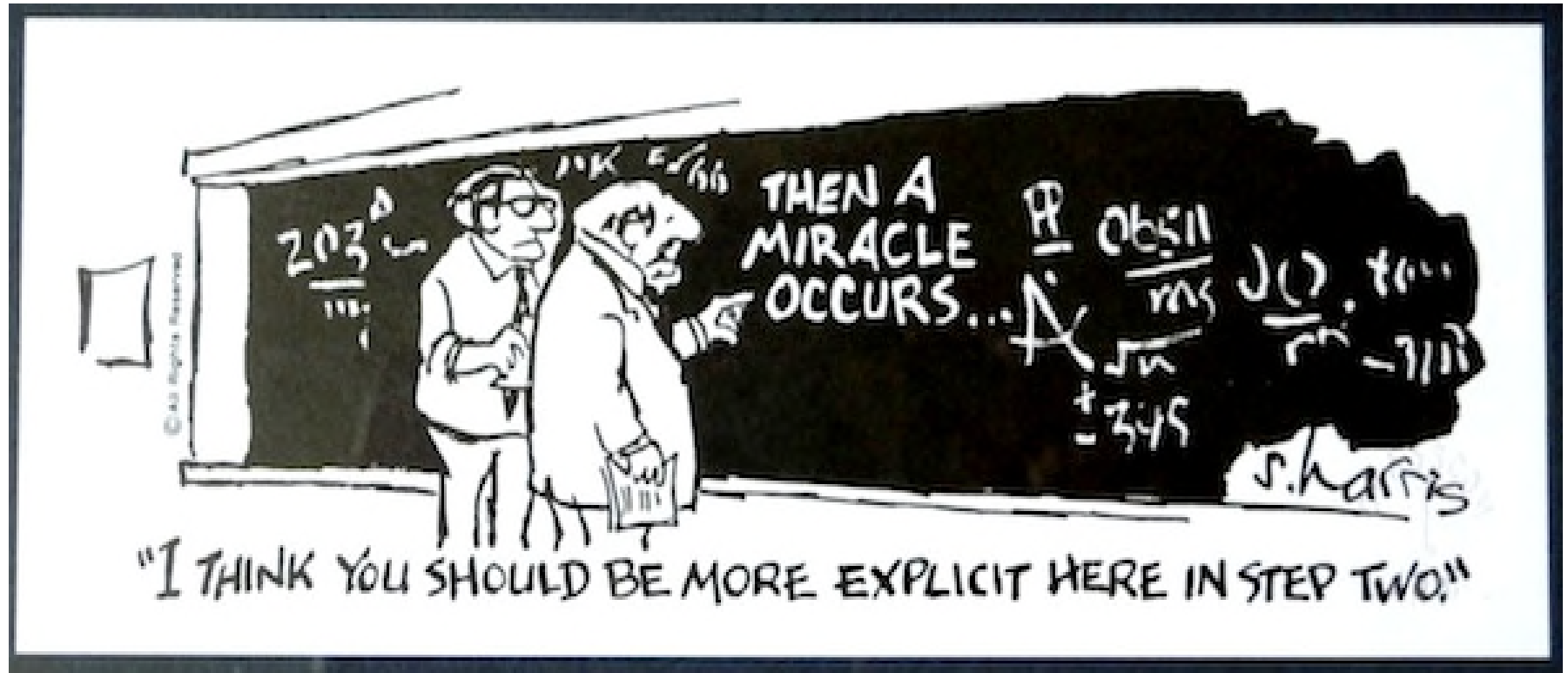


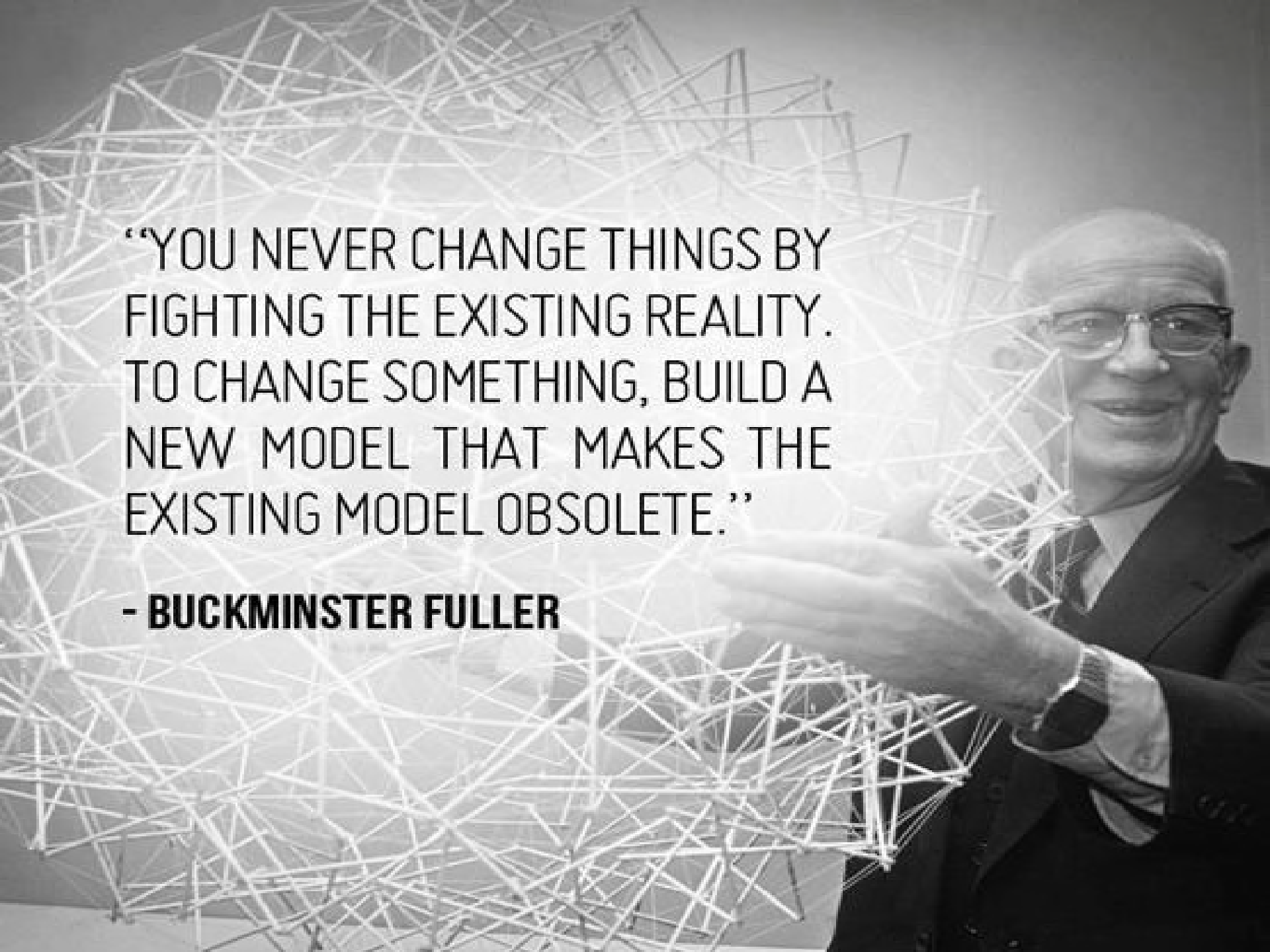


Urban opportunities



The Challenge of Creating Change





“YOU NEVER CHANGE THINGS BY
FIGHTING THE EXISTING REALITY.
TO CHANGE SOMETHING, BUILD A
NEW MODEL THAT MAKES THE
EXISTING MODEL OBSOLETE.”

- BUCKMINSTER FULLER

Sustainability and experimentation



Climate Change



**Innovation / Adaptation /
Transition**

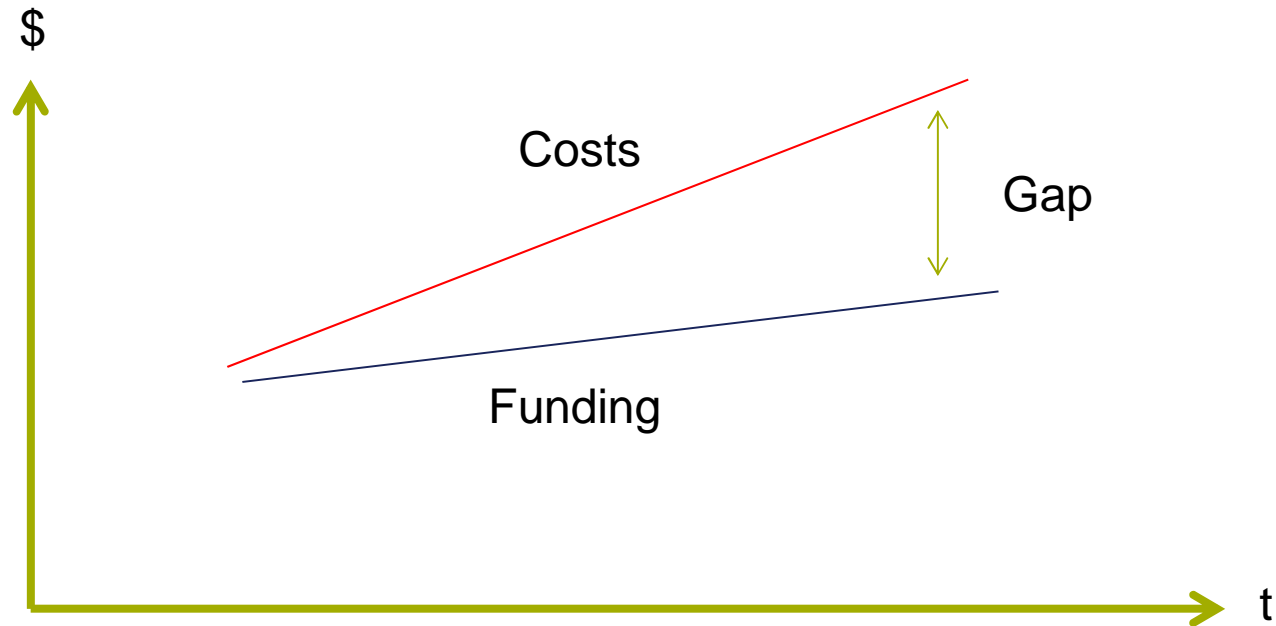


Experimentation

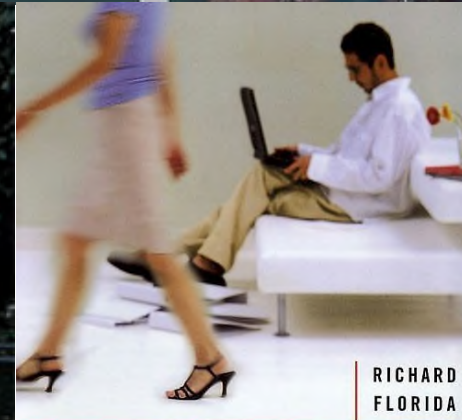


**Sustainability /
Resilience**

Experimental governance



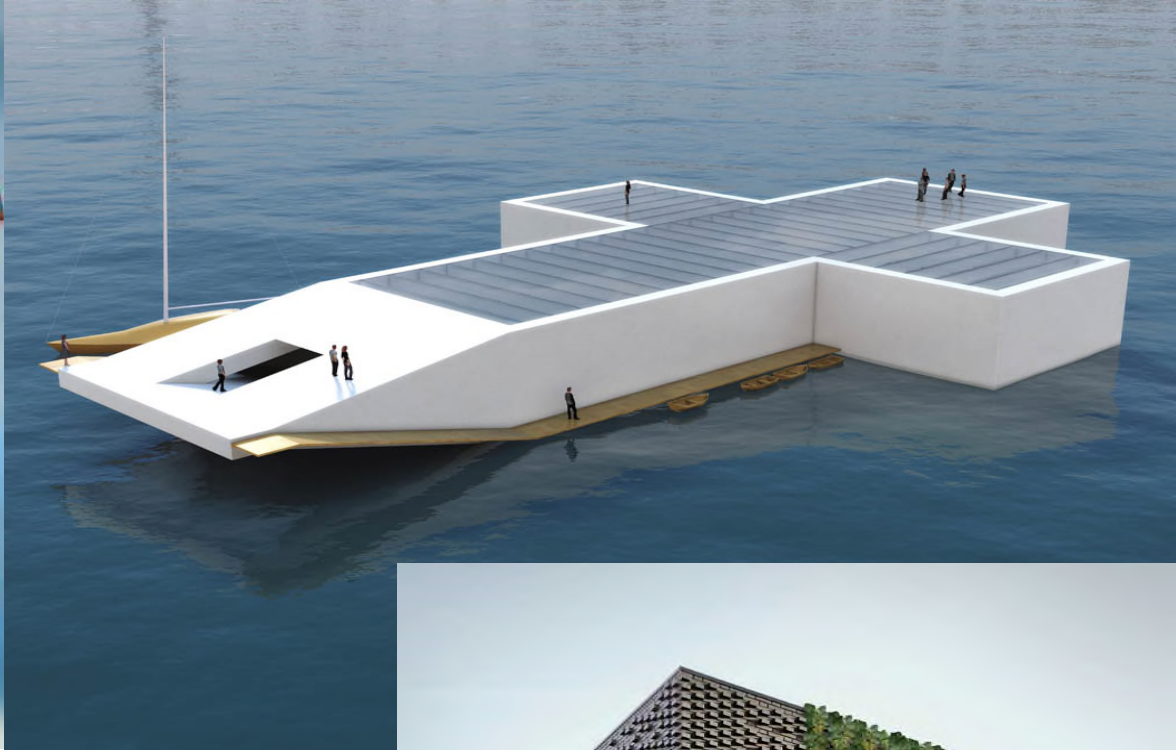




RICHARD
FLORIDA

The Rise of the Creative Class

and how it's transforming work, leisure, community and everyday life







Transformation is possible...





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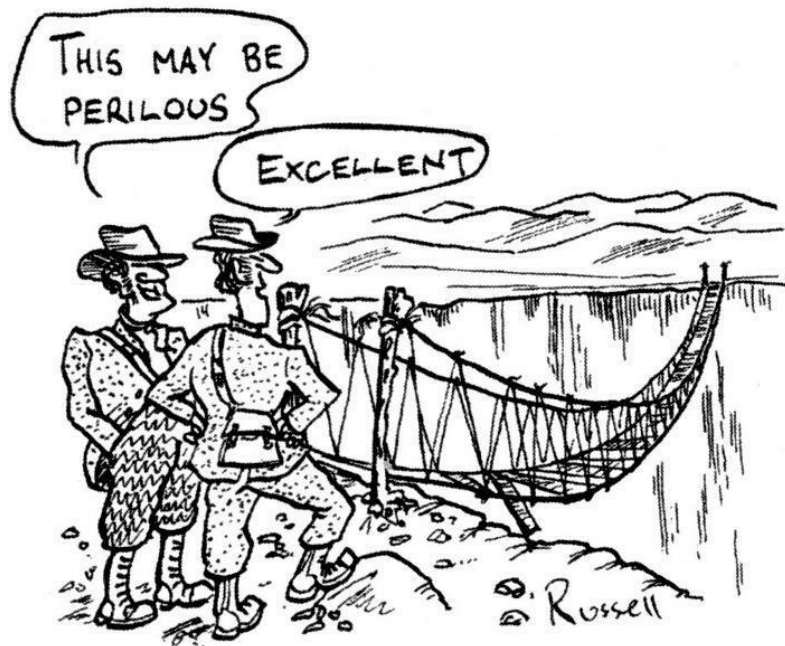
LEAD
ZON

STEVENSON
SQUARE

AWA 16

Challenges: new ways of working

Victorian risk assessment





Cell

Two People

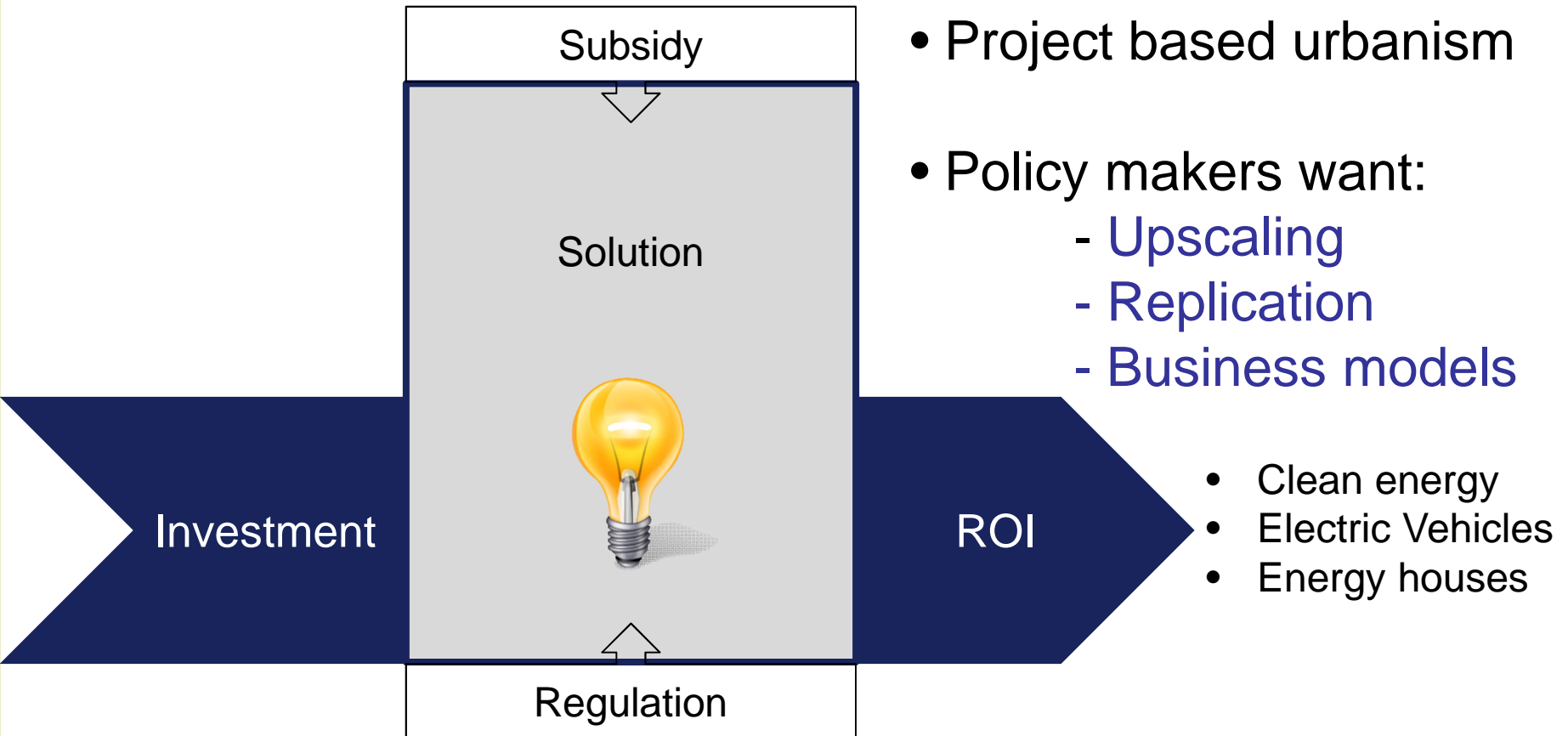
Dress

Ready
Slide Lock

Work
Basket

Generator
Light

Challenges: funding

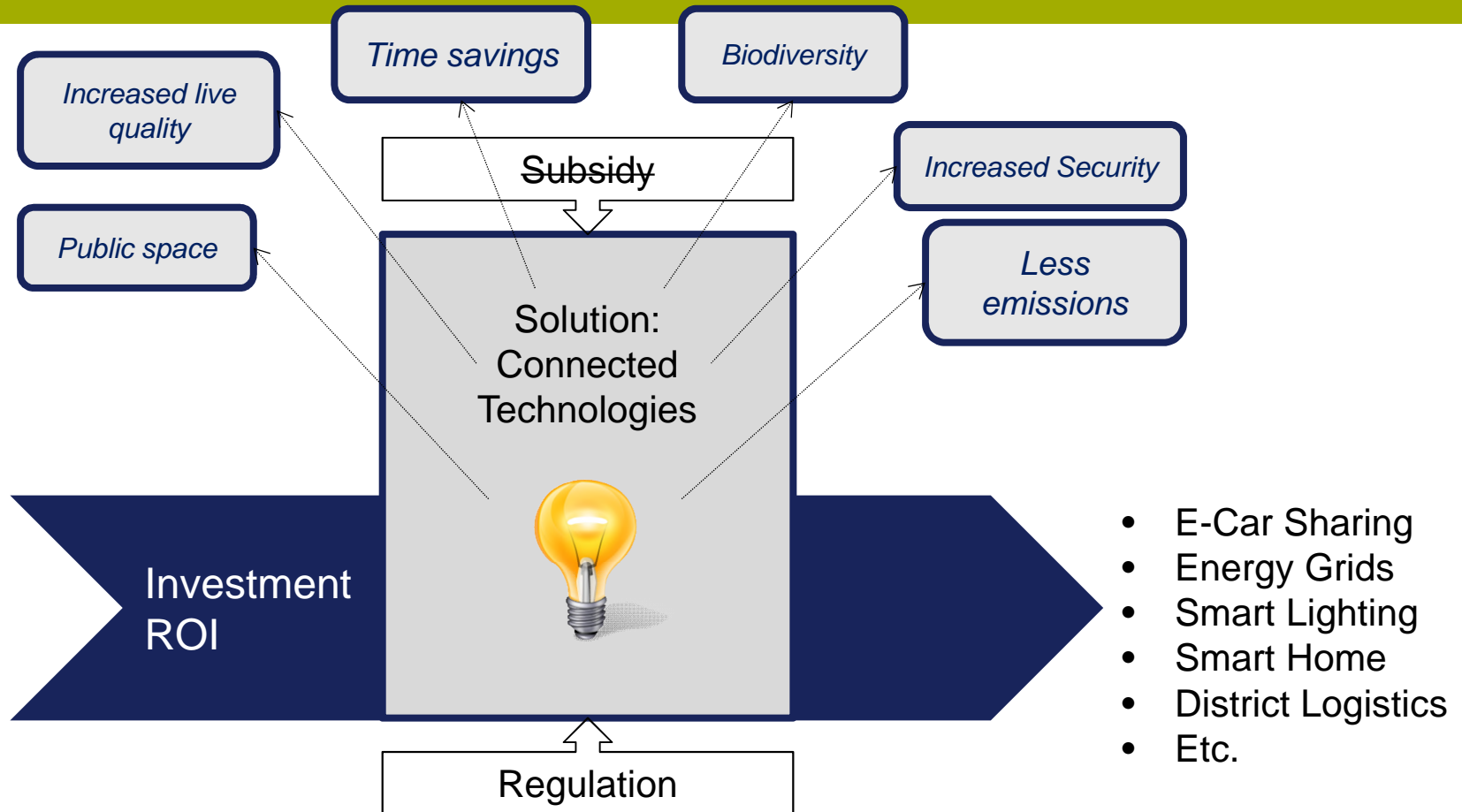


Challenges: Learning

- Need to know what works in practice
- Need to be able to capture impacts
- NEED LEARNING
- - public support...

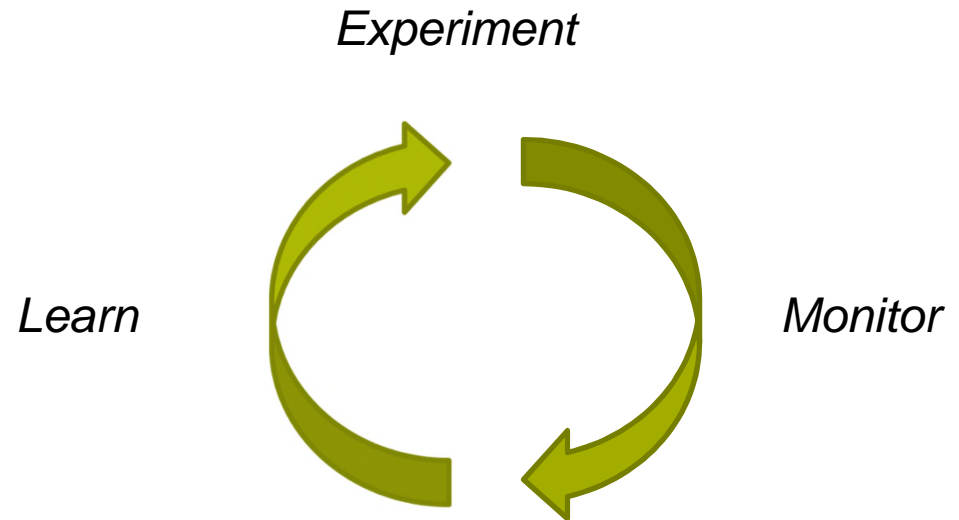


Capturing distributed benefits



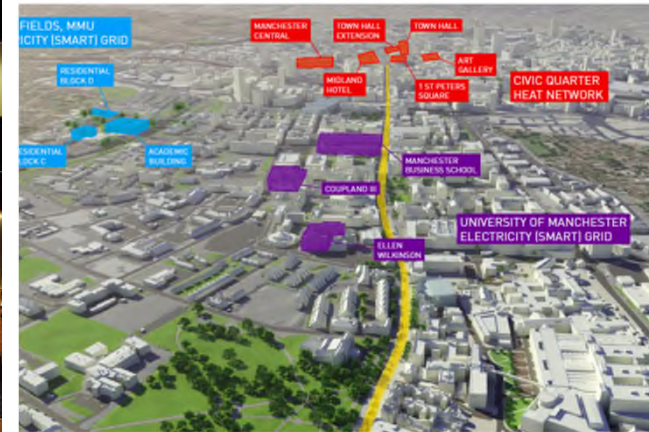
Living lab approach: embedding learning

Institutionally bounded environment in which to make material interventions in the (real) world and learn from them in a rigorous way'



Evans, J. and Karvonen, A. (2014) Give me a laboratory and I will lower your carbon footprint!' – Urban Laboratories and the Pursuit of Low Carbon Futures. *International Journal of Urban and Regional Research* 38 (2), 413-430

Manchester's living lab...



MANCHESTER
1824

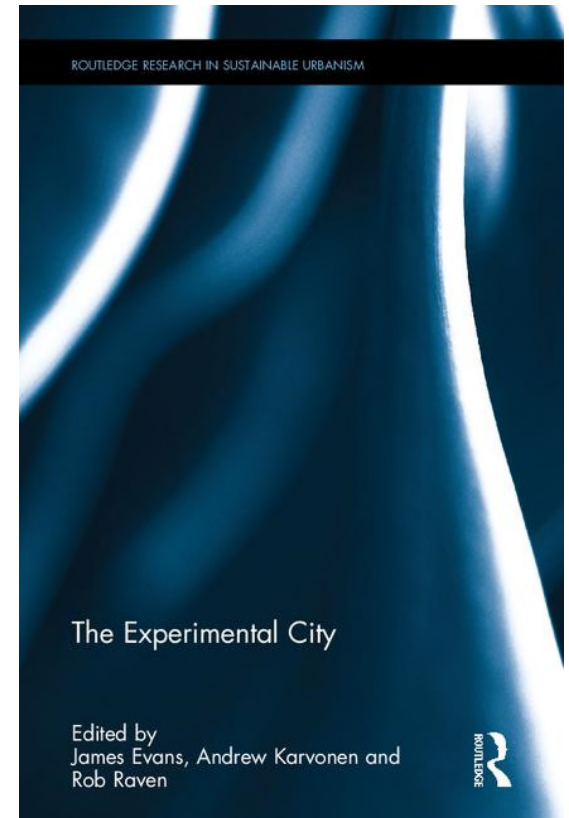
The University of Manchester

Manchester Urban Institute



iiiee
THE INTERNATIONAL INSTITUTE FOR
INDUSTRIAL ENVIRONMENTAL ECONOMICS

Replication and geographical articulation



Thanks!

Contact:

jp.evans@manchester.ac.uk

@jzcos

Links:

<http://www.urbanlivinglabs.net/>

#urbanlivinglabs

<http://www.iiiee.lu.se/research/projects/advancing-urban-innovation-living-labs-sustainable-building-and-planning>

<http://universitylivinglab.org/manchestercyclinglab> @mcrcyclinglab

<http://www.triangulum-project.eu/> @Triangulum_EU