



Hannover · Essen
2.-6. November 2010

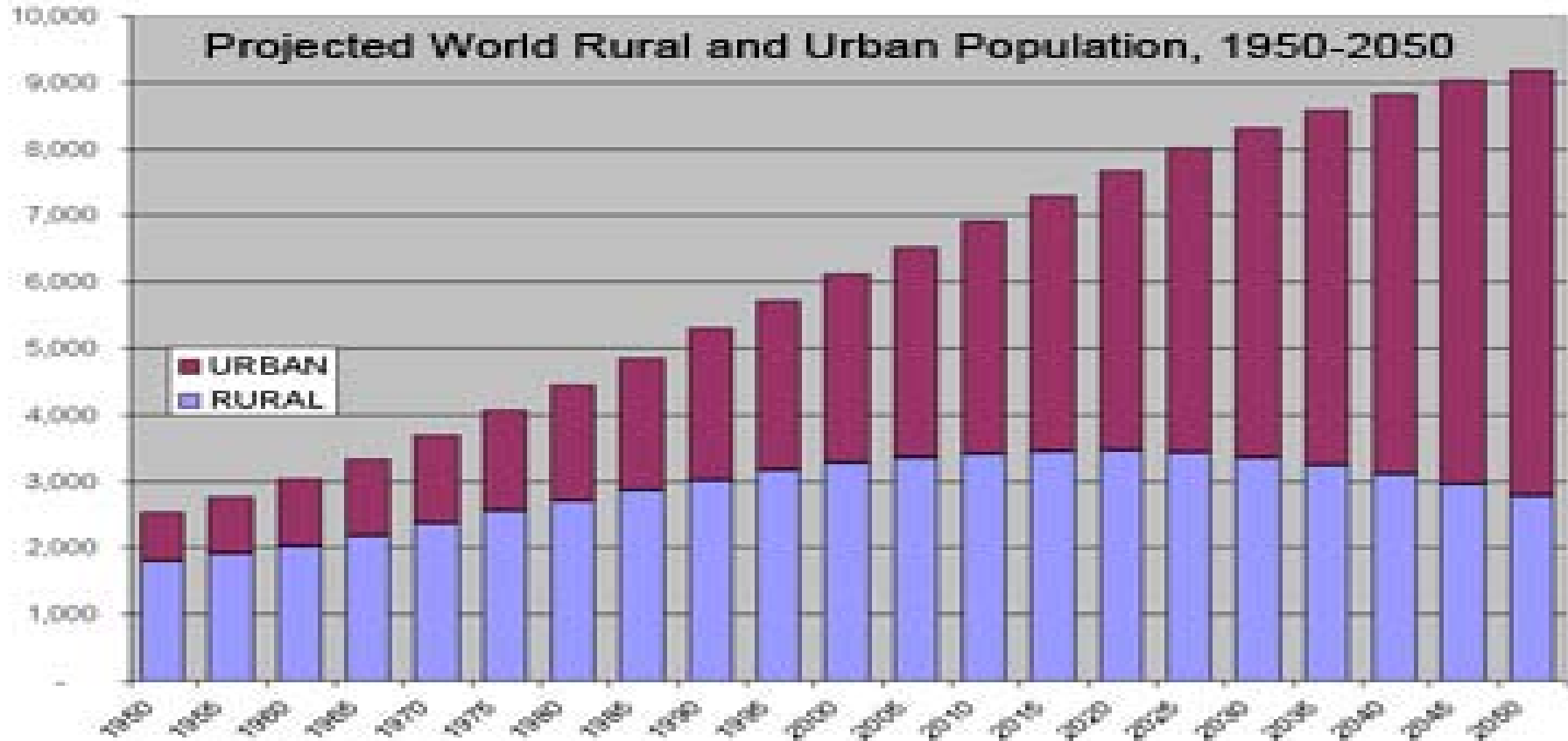


Climate Change – The Urban Challenge

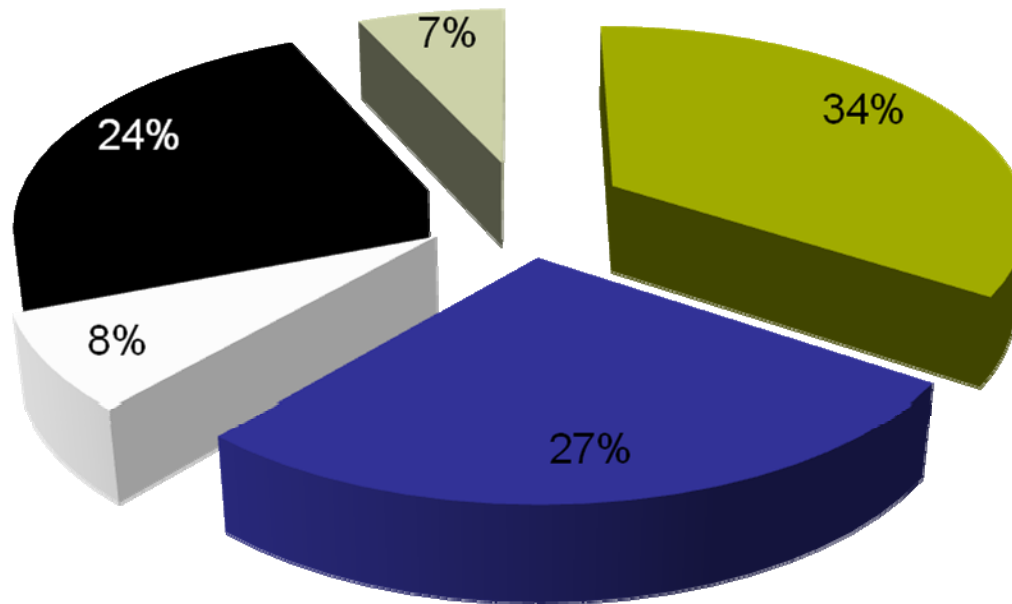
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The city as problem... and solution



The experimental city



Type of Experiment

- Infrastructure
- Built environment
- Urban planning
- Transport
- Sequestration

Adaptation and experimentation



Climate Change



Adaptation



Experimentation



Resilience

Adaptive experimentation 1) Masdar, UAE



Adaptive experimentation 2) Pheonix, USA



Types of Innovation

Agent of Change	Technology	Science	Planning	Society
<i>Example</i>	Masdar	N. Desert Village	Oxford Rd. Corridor	Urban Landscape Lab
<i>Types of data</i>	Env and Soc (use)	Env and Soc (prefs)	Env	Soc
<i>ICT use</i>	High	High	Selective	Low
<i>Commercial emphasis</i>	High	Low	High	Low

Conclusions – innovation and adaptation

- 1. Cities as hotspots
- 2. Learning critical
- 3. Data intensive
- 4. But, not just technological...
- 5. Highly uneven adaptive capacity
- 6. Broader conception of technology transfer



References

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