

# **Building and reproducing regimes for sustainable urban development: A study of Bristol and Grenoble**

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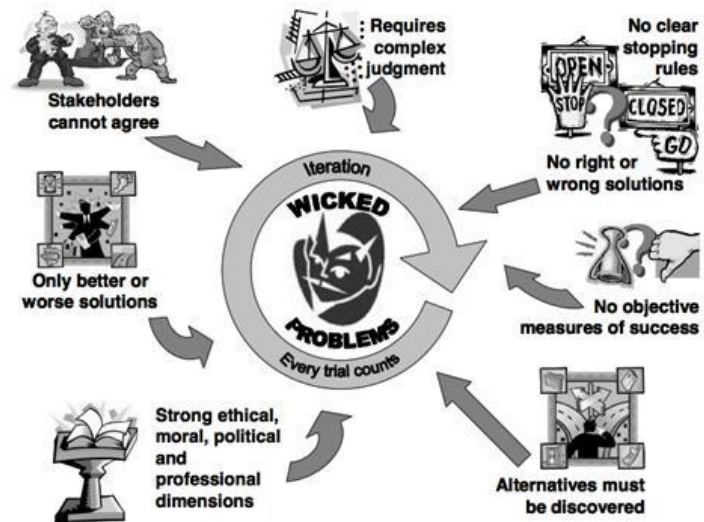
with

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# Problematizing sustainable development and the sustainable city

- A “wicked issue”
- Need to pursue “clumsy solutions” through “messy governance”



# Case studies: Bristol and Grenoble



# Q Methodology

- *“Q Method involves each participant in the sample (the P sample) sorting a series of statements (a Q sample) representative of the breadth of debate on an issues (the concourse) into a distribution of preference (the Q sort) from which statistically significant factors are derived and interpreted” (Jeffares and Skelcher, 2011, p.1257)*



William Stephenson

# Q

Measuring perception of aspects of Social Cohesion applying Factor Analysis

# Compiling the Q sample

	<b>Entity</b>	<b>Agency</b>	<b>Motivation</b>
<i>Description</i>			
<i>Root problem</i>			
<i>Prescription</i>			

# Conducting the Q sorts



## Four contrasting viewpoints

<b><i>Moral stewards</i></b>	Moral commitment to future generations; privilege agency and responsibility of individuals
<b><i>Progressive reformers</i></b>	Radical system reform, combining environmental and social justice; dismissive of ecological modernisation
<b><i>Creative collaborators</i></b>	Critique lack of creative thinking; foregrounds opportunity for collaboration and knowledge exchange
<b><i>Public localists</i></b>	Advocate public leadership and local mobilisation; reform within existing socio-economic system

# Consensus and dissensus

- No (or very limited) consensus between viewpoints





# Conclusions and implications

- Importance of conceptual differentiation
- Lack of support for ecological modernisation



# Conclusions and implications

- Implications for policy and practice; limits of rational-technocratic response
- Implications for theory; limits of “consensus” oriented deliberation

