

	MANCHESTER 1824		
iversity chester	Programme for the Day		
The Universi of Manchest	Time	Description	
- 0	10:00am – 10:20am	Welcome, Introduction and Setting the Scene	
	10:20am – 11:00am	Project-related failures, and problems of quantitative-only enquiry <i>Danstan Chiponde, Northumbria University</i>	
		Comparing the social value and sustainable development goals agendas: An application in large-scale infrastructure case studies <i>Cara Mulholland, The University of Manchester</i>	
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The Universit of Manchest	Time	Description	
The L of Ma	11:20am – 11:55pm	Performance measurement for construction projects Kejun Meng, The University of Manchester	
		Influence of co-creation practices on ambidextrous learning in project settings: PLS-SEM approach Yan Liu, TU Delft/UCL	
		System integration in digitally-enabled modular construction <i>Ruoheng Zhang, Imperial College</i>	
		Using hybrid simulation to model construction operations Orsolya Bokor, Northumbria University	
		Multiple linear regression models to predict embodied carbon emissions during early design of buildings in Sri Lanka Amalka Nawarathna, Northumbria University	
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iversity	Time	Description
The Universit of Mancheste	12:05pm – 1:05pm	Lunch How APM can support early-career researchers and their supervisors? Daniel Nicholls, Association for Project Management
	1:05pm – 2:00pm	The inexact science of construction statistics and the impediments to accurate measurement in the real world <i>Stephen Gruneberg, UCL</i> Exploring the quirks when comparing regional data on 'activity' <i>Brian Green, Brickonomics</i> Construction statistics: What are we trying to measure? <i>Noble Francis, Construction Products Association and UCL</i>
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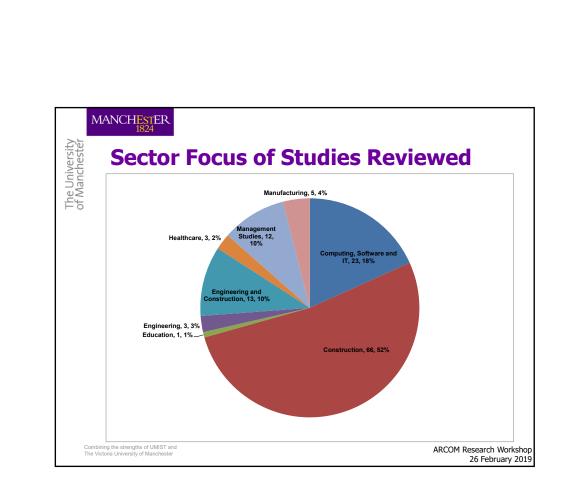
" [...] the purpose of our systematic review is to examine published evidence to establish quantitatively and qualitatively how project management can contribute to productivity."

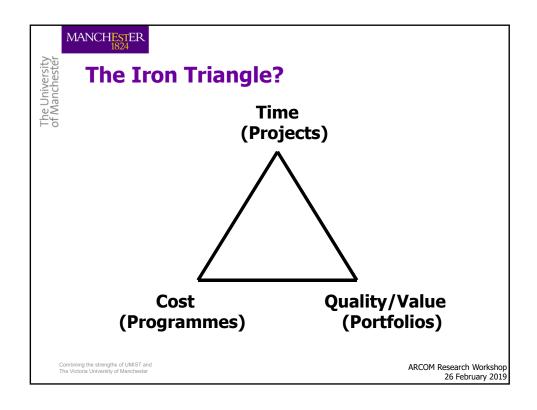
- To determine the value of project management...
- To compare productivity studies of a range of project-based industries...
- To highlight key project management practices that enable productivity improvements...

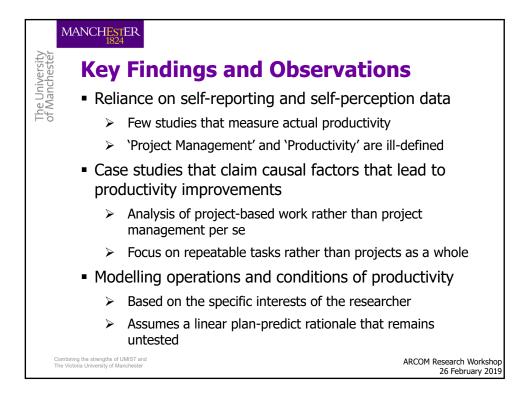
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To produce qualitative vignettes.

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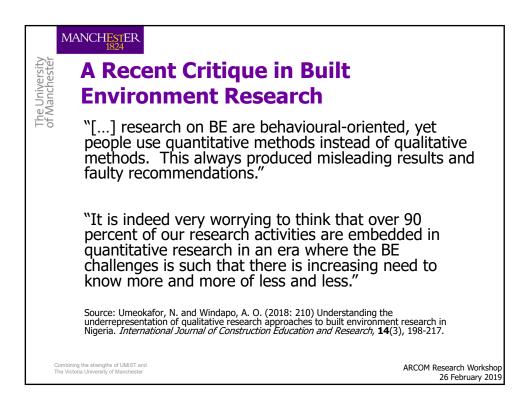
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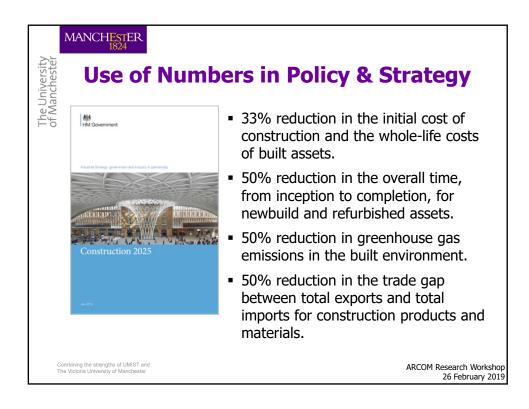
Questioning 'Normal' Organisational Science

"Normal organisational science does not examine the relationship between problems and explanations but examines that between independent and dependent variables. **Research methods, rather than the problems and needs of managers, workers and policy makers, drive research** [...] The original problems that stimulated the creation of organisation studies fade into the past and problems are now derived from review essays and statistical models."

Source: Marsden, R. and Townley, B. (1996: 666; **added emphasis**) The Owl of Minerva: Reflections on theory in practice". *In*: S. Clegg, C. Hardy and W. Nord (Eds) *Handbook of Organization Studies*. London: Sage. pp. 659-675.

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Ν	MANCI	IESTER 1824
versity	Q	uestions for Reflection?
The Universi of Manchest	1.	What kinds of 'numbers' are we producing in quantitative research in the built environment?
	2.	What problems and challenges do researchers face when producing these numbers?
	3.	How do researchers intend for these numbers to be used – by researchers, policy-makers and practitioners?
	4.	What do these numbers do in practice? How are these actually used (or mis-used) by policy-makers and practitioners?
	5.	What kinds of impacts are we producing?
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