



Great Debate 2020: Smart Cities

Wednesday 11 March 2020 19.00 to 21.00

G11, Henley Business School, University of Reading, Whiteknights Campus, Reading, RG6 6UR

Chairman: Professor Stuart Green, University of Reading

There will be 4 presentations as below, followed by a debate and Q&A.

Smart Cities – Opportunities and Challenges,

Professor Tim Dixon, Professor of Sustainable Futures in the Built Environment, University of Reading

The presentation will draw on existing research and practice to provide a critical review of smart cities in the UK and internationally, and what the opportunities and challenges are as this agenda takes hold. In particular, he will illustrate the key lessons that can be learned from smart city projects, including Reading 2050, and what can make a city both 'smart' and 'sustainable'.

Getting smart about the future of urban mobility

Professor Glen Lyons, Mott MacDonald Professor of Future Mobility, University of the West of England

The presentation suggests that being truly smart is about achieving connectivity in society that is that is affordable, effective, attractive and sustainable. This concerns a Triple Access System perspective, recognising that while the *transport system* provides physical mobility to enable us to access people, goods, services and opportunities, the *land use system* can provide spatial proximity enabling access and a now rapidly matured (and maturing) *telecommunications system* provides digital connectivity for access. Getting smart means taking a socio-technical perspective that looks to understand what societal outcomes inventive ideas could help enable. That's responsible innovation.

Smart energy: The Electric Revolution

Jonathan Riggall, Director, Stantec UK Ltd

With increasing pressures on Governments' to radically react to the climate crisis a significant amount of hope and attention is being placed on electricity as the means to deliver the Clean Growth Grand Challenge. Within this presentation Jonny Riggall will explore this energy market transition, what it means for transport, new homes and industrial growth, and the opportunities for land portfolio owners in reacting to the national stimulus to decarbonise.

Assuring security

Duncan Purves, Director, 2 Insight Ltd

This presentation aims to raise awareness of the cyber security implications associated with Internet connected Smart Cities and provide stakeholders with guidance on where they can find help and best practice to minimise the potential risk and impact of a cyber attack/hack.

To book please go to:

<https://www.reading.ac.uk/15/about/newsandevents/Events/Event792226.aspx>