



DIGITAL RESEARCH AND INNOVATION

In Conversation



Anthony Mtitimila
Senior Partnerships & Innovation Manager
(University of Liverpool)



Prof Daniel Arribas-Bel
Professor in Geographic Data Science
(University of Liverpool)



Andrew Borland
Head of Commercial Virtual Engineering Centre
(University of Liverpool)

What does a **RESILIENT** City look like?

Shaped in Collaboration



To get the pieces to fit together you need:



to recognise the challenge



- shared goals
- open communication

Different Perspectives are essential



Build on existing strengths

How do you factor in all voices?

Requires a pliable, adaptable and resilient framework to future-proof the city

recognise that the needs for the city vary over life-cycles

Embed into policy

Cities are always evolving...

Need to take a global view to best inform the local context of our cities

Examples... Copenhagen
↑ Sustainability in medieval city

Nurture a fertile environment for Innovation... (we do not know what innovation will look like...)



create digital twin cities

Simulation and experimentation

Informs decision-making and planning

technology-enabled...
society 5.0
responsive and smart cities

human-centric cities
sustainable