

An aerial night view of London, featuring the Tower Bridge and the City of London skyline. A network of white lines connects several points across the image, creating a digital or interconnected theme. The lines form a series of triangles and polygons, with one prominent triangle in the center-right area.

TRANSFORMATION ADVISORY

Digital places ... where people matter

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DIGITAL PLACES

21st Century challenges

ARUP

PRODUCTIVITY & GROWTH



RESILIENCE



COMMUNITY VITALITY



PUBLIC FINANCES

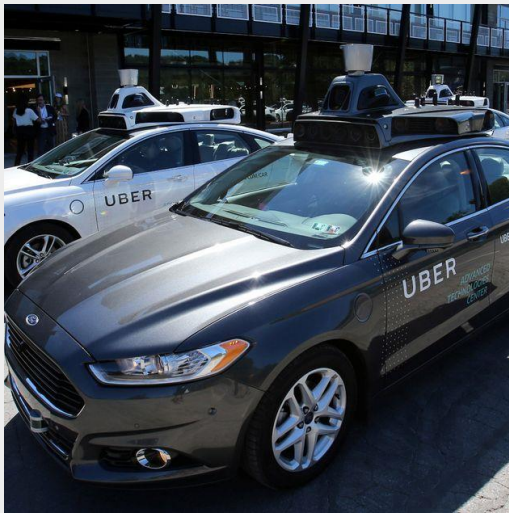


DIGITAL PLACES

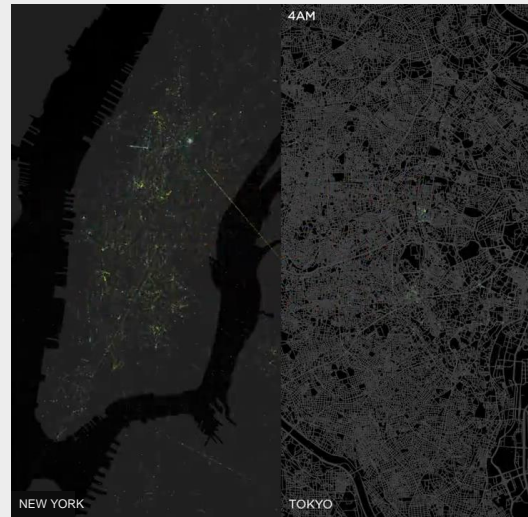
Digital challenges and opportunities

ARUP

DISPLACEMENT



INSIGHT



INNOVATION



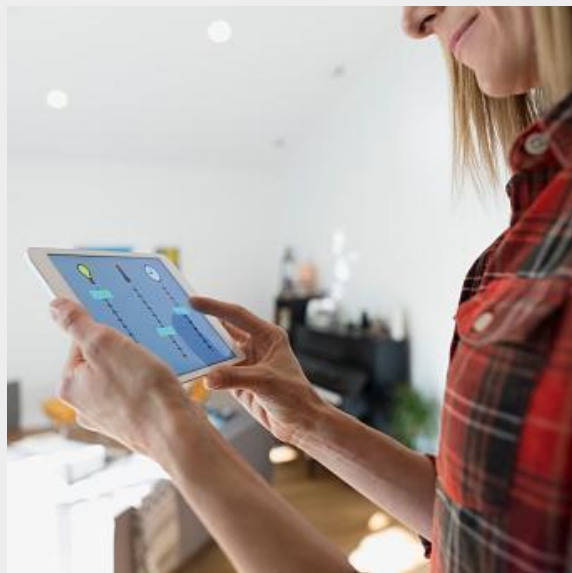
ENTERPRISE



DIGITAL PLACES

Relentless and constant change

SHIFTING USER
EXPECTATIONS



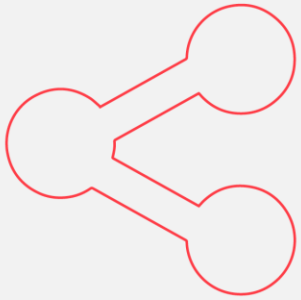
DATA-INFUSED
INFRASTRUCTURE



DISRUPTIVE BUSINESS
MODELS



Essentials for digital infrastructure where people matter



1

CONNECTIVITY



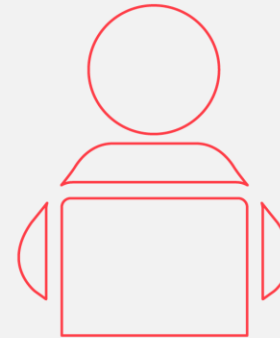
2

INTELLIGENT
ASSETS AND
INFRASTRUCTURE



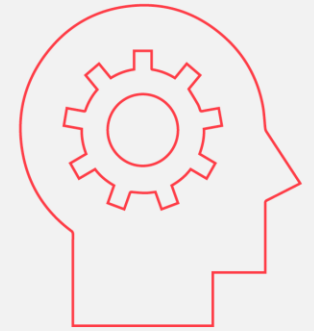
3

DATA AND INSIGHT



4

END USER
SERVICES



5

SKILLS AND
ENABLEMENT

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DIGITAL PLACES

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Greater Manchester Combined Authority Digital Strategy

Develop a deeper understanding of its digital assets, strengths and challenges to help inform the development of the Mayor's new Digital Strategy.

A bespoke framework for GMCA in helping them to develop a clear set of priorities enabling them to embed digital within mainstream programmes and services.

An outline 3-year programme was identified based on this framework with a series of 'early wins' as well as some longer term transformational work.



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Smart Place Challenges, London Borough of Sutton

Innovative ways to find solutions to the Council's challenges.

Or approach - engagement sessions with key service leaders within the authority to create a clear and detailed picture of the council's current challenges and provisions within each service.

Setting the direction - identify and prioritise challenges within the borough and shape them as open innovation competitions.



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Cardiff Capital Region – Our Smart Region

Smart thinking has the potential to radically improve the Cardiff Capital Region for its people and communities

Current position, global best practice and recommendations

To inform the Digital Strategy for the region



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Global Review of Smart City Strategies, Future Cities Catapult

Arup was commissioned by the Future Cities Catapult to explore why and how 21 cities around the world create smart city strategies, and how they implement them.

This report, produced by Future Cities Catapult and Arup, explores the landscape of smart city strategies and aims to provide insight into how cities around the world are approaching the smart city agenda.

Findings will help city leaders better understand challenges they may face on their smart city journey, and equip them with the knowledge they will need to deliver smart city projects.



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Research working with academia

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WENDY TIPPER | LONDON | MARCH 2018

How can Civil Engineering thrive in a Smart City world?

WENDY TIPPER

Transformation | Strategy Lead, Arup

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Thankyou

