

Digital Agenda for Cities



Political | Economic | Productive

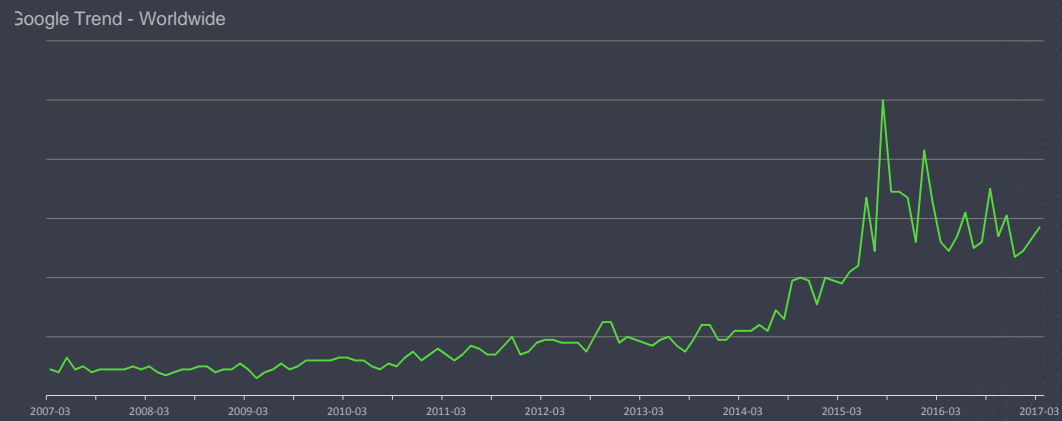
Volker Buscher
Arup | Global & UKMEA
Digital Services Leader
@vbuscher

History of Smart Cities – from a technology focused vision, via generic “smart” to an **outcome & evidence based digital agenda**.

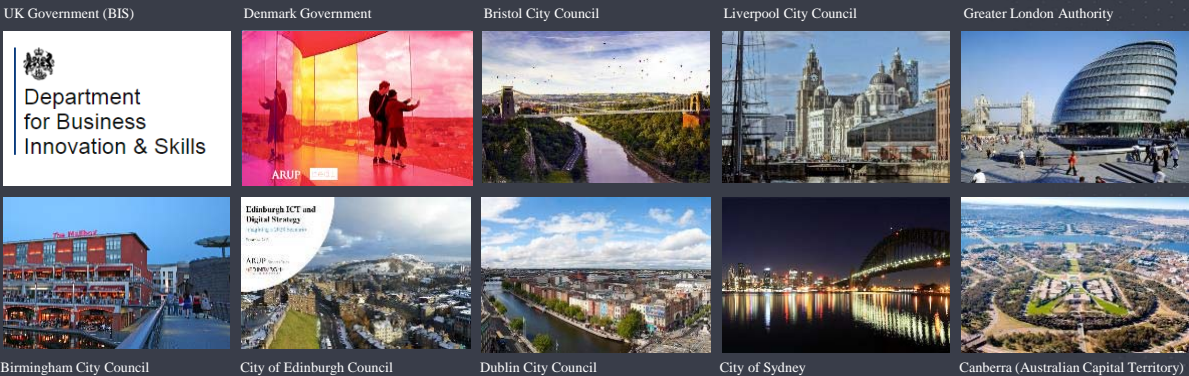


ARUP

Interest in the smart city concept has grown quickly worldwide



How are governments responding?



No scale No citizen No mandate

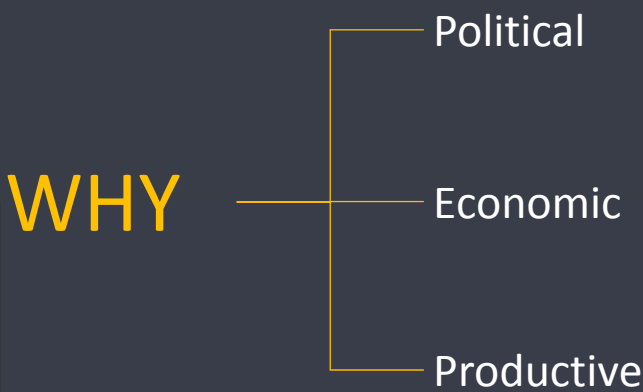
We need
a better
sense of
purpose

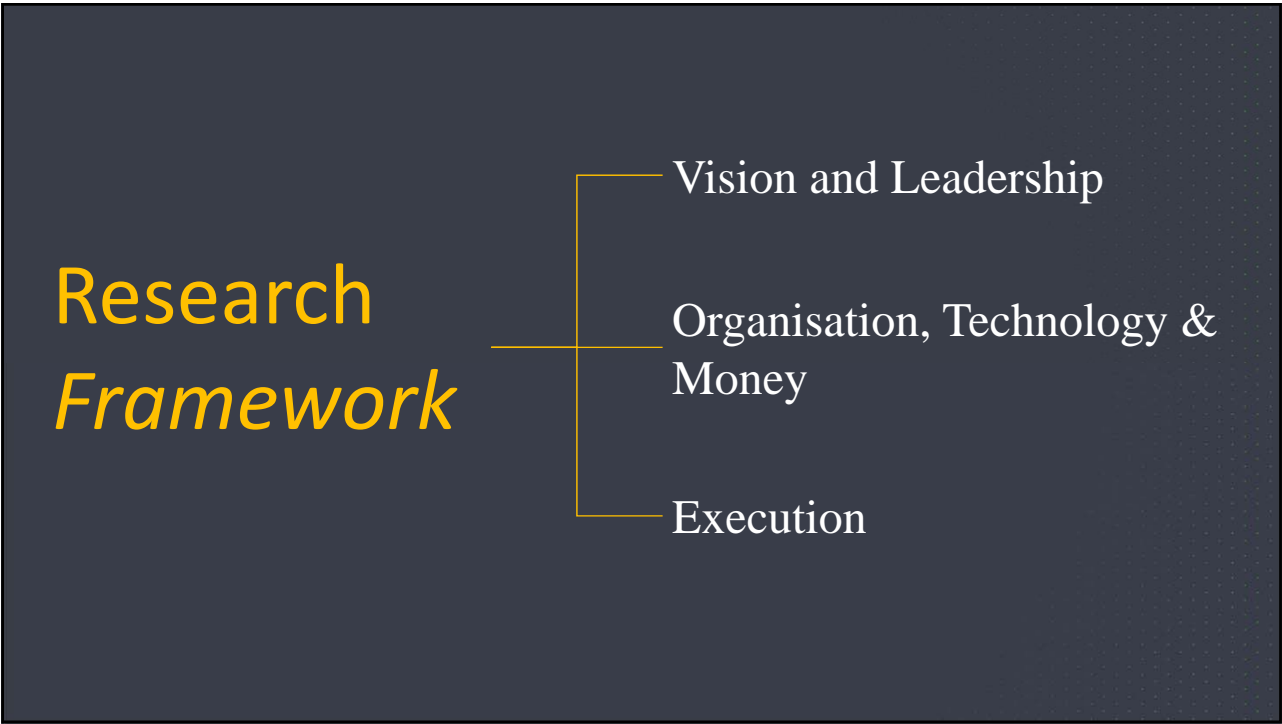
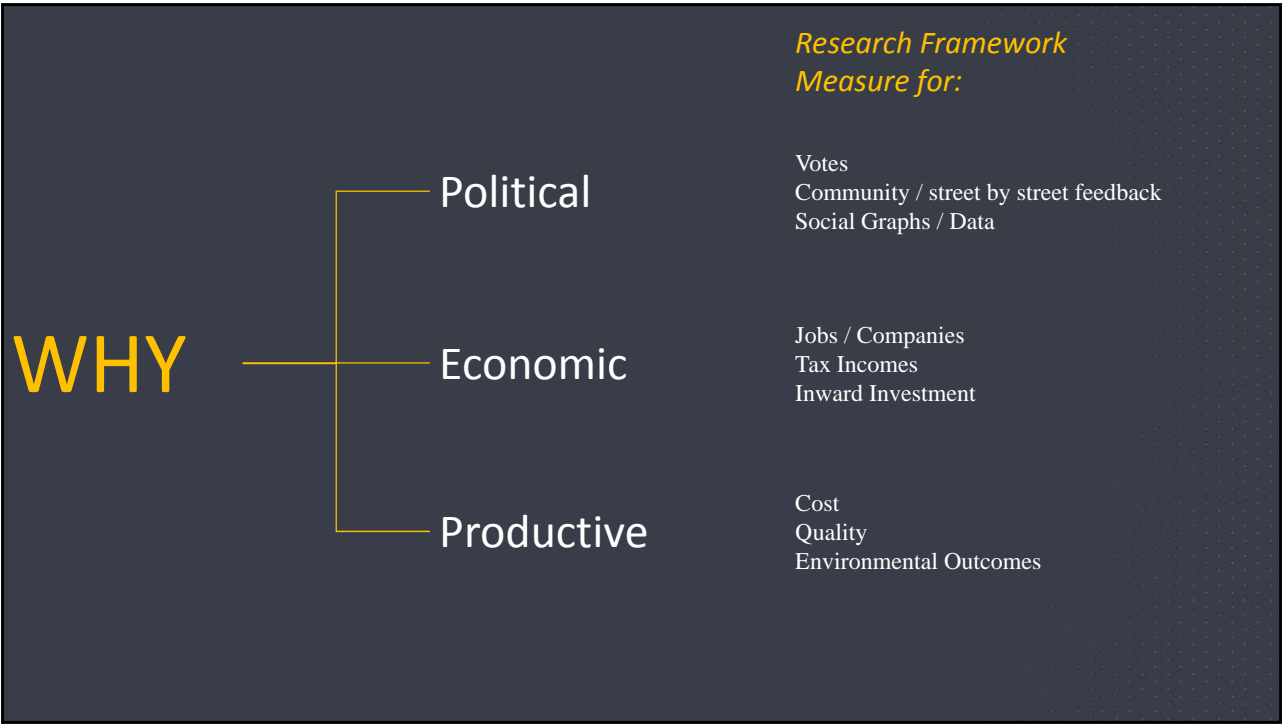


With the
Citizen in
mind



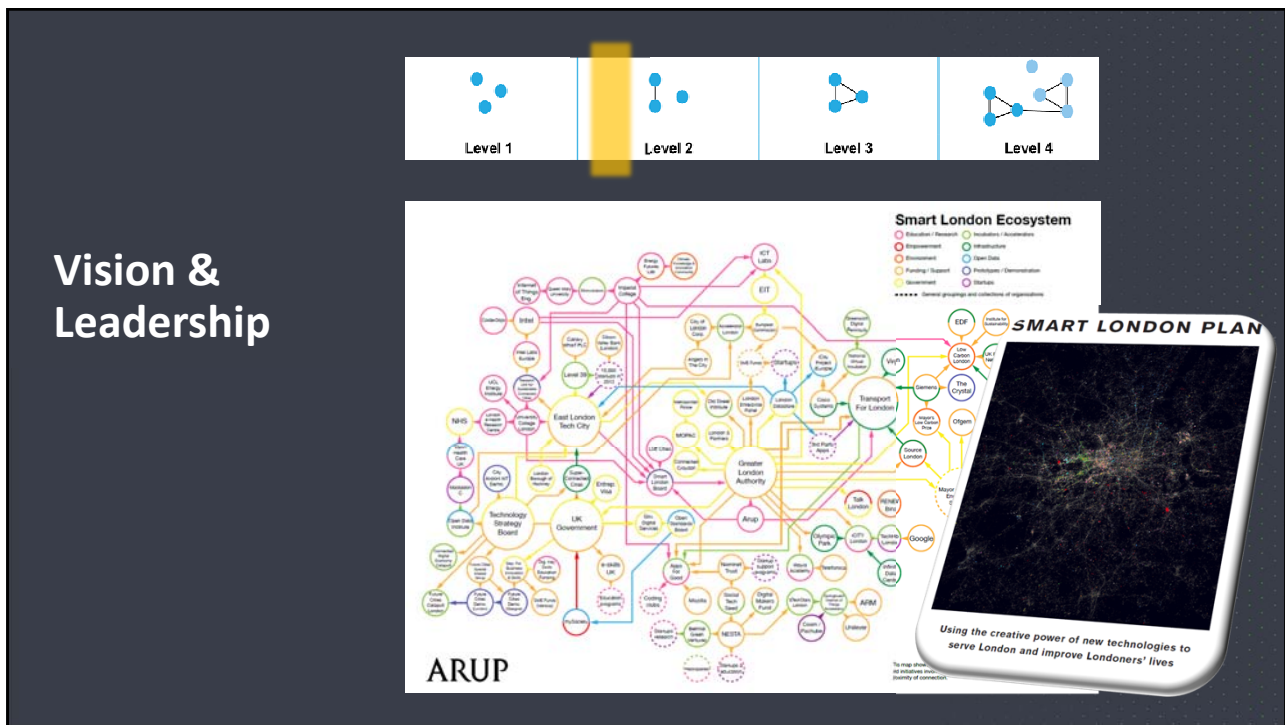
WHY "Transitioning Cities" why a digital agenda





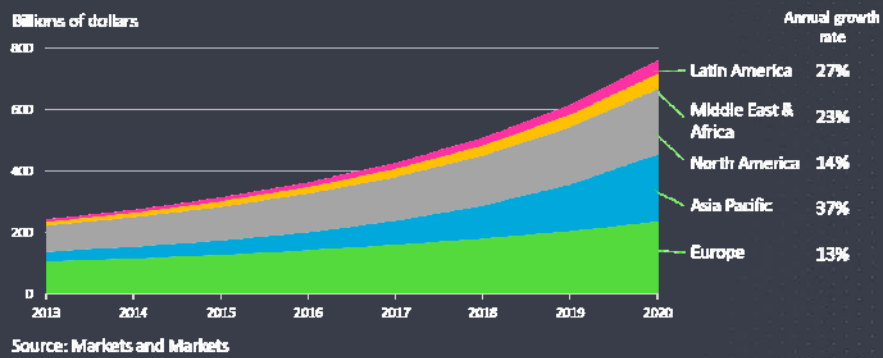
Information Marketplaces
The New Economics of Cities

THE CLIMAX GROUP
ARUP
aecom
hochtief

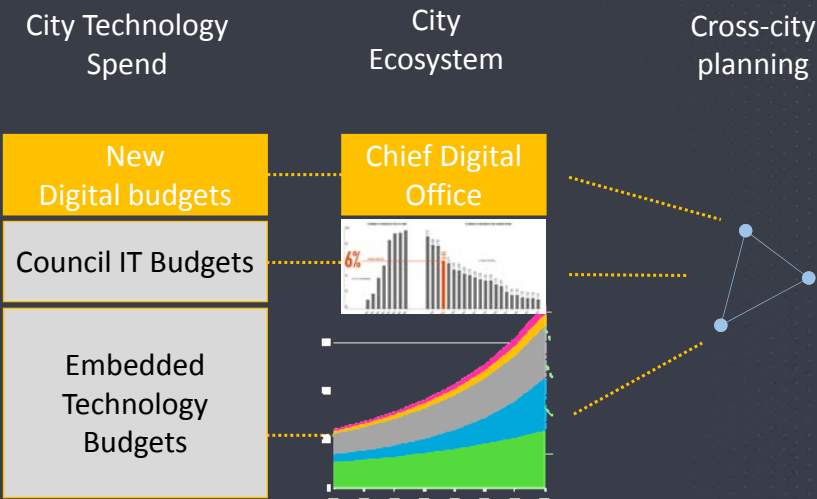


Money

The global smart cities market is forecast to grow rapidly across all geographies



Money



A Multi-Disciplinary Approach



Organisation: Who should govern and lead the digital agenda?



Process: How to choose projects based on need, not tech?



Money: How to scale tech projects beyond the pilot?



Supply: How to source technology within an ecosystem?



Economy: How to grow and manage your digital economy?



Technology: How to build an architecture that is open and flexible?



Acceptance: How to protect citizen interests and harness civic power?

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2010

2011

2013

2014

2015

2016

2017

2018

2019

2020

Economic Framework

Governance Models

City Scale Digital Architecture



Human Centered Design

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