Using 5G to grow the City as a Platform

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Originator City as a Platform Manifesto
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Emerging consensus on how to grow the City as a Platform

**City as a Platform Manifesto**
180+ signatories (UN, EU, Dubai, Barcelona, Atlanta, IBM, ZTE…)

**Digital Ecosystem**
Mapping & management

**Urban Actualization**

**Ecosystem curation**

**Multi-stakeholder governance & engagement**

**City data platform**

**Static then real-time open data**

**ICT Technology Infrastructure**

**Smart City Open APIs,**
Rest Based Polymorphic APIs,
Used by 5,000+ developers in 65+ countries

**Platform Data Models**
FIWARE, TM Forum & others collaborate on model optimisation

**Smart City Benchmark**
Standards based goal setting, city peer-to-peer progress

**5G connectivity**
Mass digitization
Agile & Intelligent Operations for a 5G World

Telecoms and other industries are moving to the cloud to create agile intelligent operations

Most organisations’ operations & IT today

CSP domain
- Operations (processes & people)
- Business Support Systems
- Operational Support Systems
- Network (asset)

Where to be for agile operations

Digital SP domain
- Intelligent Operations (Data + AI)
- Cloud Native IT Production Systems (Microservices & APIs)
- Hybrid / Virtualized Network Infrastructure

Partner domains

Zero-touch Partnering

Transformation driven by principles of Simplification, Automation & Intelligence
Moving towards the 5G enabled Right-Time City

- Continuously innovating: real-time, data-driven leveraging augmented intelligence
- Demand true partnerships: trusted; agile; innovative domain experts
- Dependent on partner-based platforms and open ecosystems
UK 5G Tesbeds & Trials - £250m R&D programme + the Forum’s Catalyst programme