What makes a "Smart City" smart?

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Source: Laboratory of Neuro Imaging and the Athinoula A. Martinos Center for Biomedical Imaging, Consortium of the Human Connectome Project
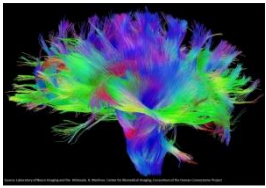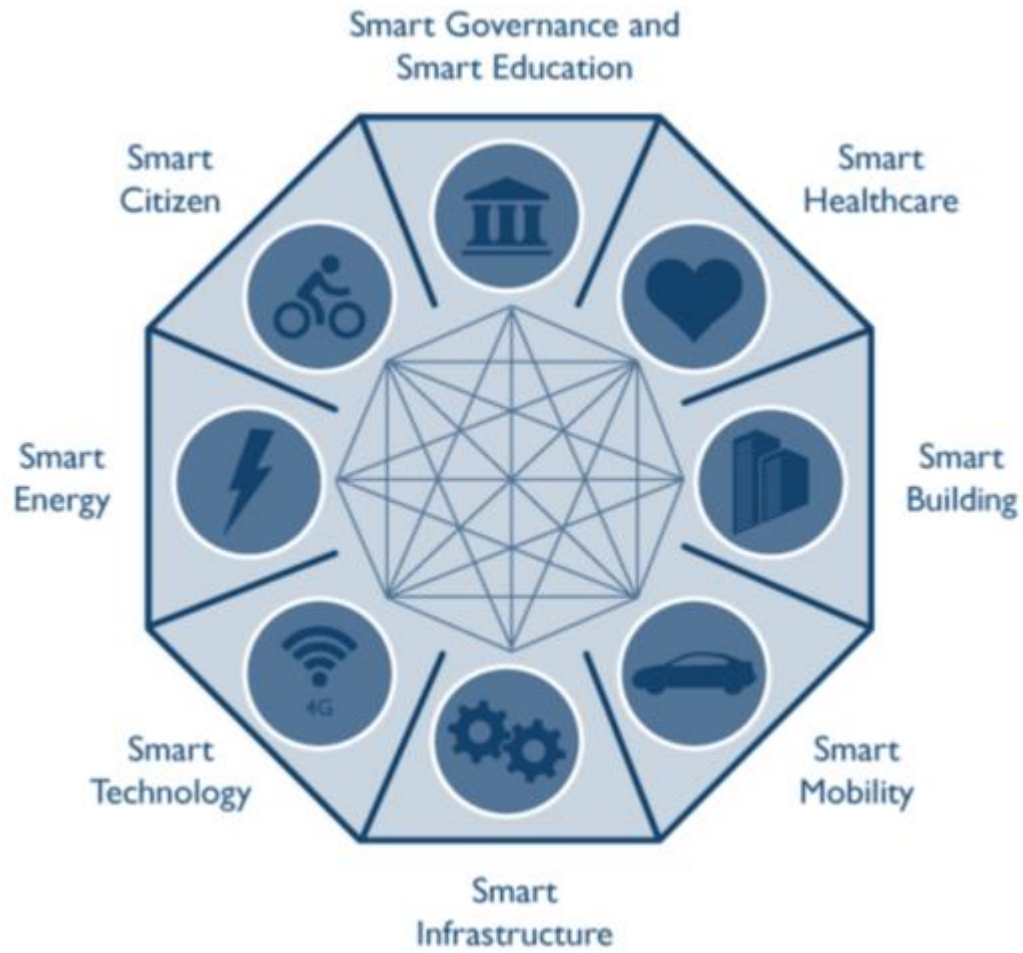
What do we mean by "smart city"?

Source: Facebook

"Smart Cities will use the power of ubiquitous communication networks, highly distributed wireless sensor technology, and intelligent management systems to solve current and future challenges and create exciting new services"
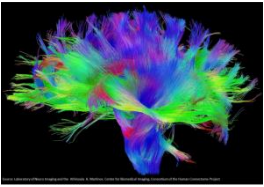*(CISCO)*

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Smart Governance and Smart Education

Smart Citizen

Smart Healthcare

Smart Energy

Smart Building

Smart Technology

Smart Mobility

Smart Infrastructure

(Frost and Sullivan)

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"We live in the midst of tremendous technological innovations that have the potential to address the issues that challenge every city." *(CISCO)*
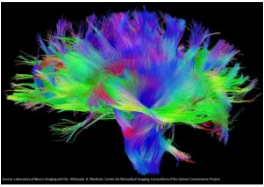
ICT infrastructure
Analytics
Computing resources
Connectivity
Data management
Finance and procurement
Instrumentation and control

People power
Skills, skills, skills
Citizen engagement
Data management
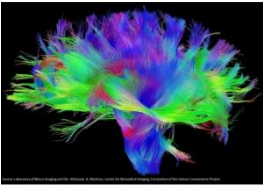Finance and procurement
Policy and leadership
Security and privacy

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Business cases need to be underpinned by rigorous analysis of the costs and benefits – financial, economic, social and environmental

We will optimise our investments in cities by having better coordination across all relevant agencies and stakeholders

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The threat
"By 2020, about 7 million jobs will be lost and 2 million gained (5 million net loss) in 15 major developed and emerging economics as a result of developments in genetics, artificial intelligence, robotics and other technological change."
(World Economic Forum)

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Thank you