

What is a Smart place?





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The Smart vision







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Urban development and smart cities

Urban Planning
Improved transport
Reduce Pollution
5G and automation
Improved happiness

Transport



Daventry District Council

Optimising waste collection using OS MasterMap Integrated Transport Network Layer

- Daventry generated new waste collection routes in all seven districts using OS <u>MasterMap</u> Integrated Transport Layer with Route Restriction Information
- Daventry has been able to rationalise the number of domestic waste collection routes from nine to eight, reducing diesel costs by 12%, increasing spare capacity by 14% and eliminating overtime costs.

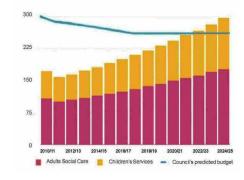
Google self-driving car crashes into bus and company admits it is 'partially' responsible



- · Vehicle sensor assurance
- · Data assurance and currency
- Data content (kerbs, street furniture, bridge heights etc)
- · Precision navigation



The uncomfortable reality

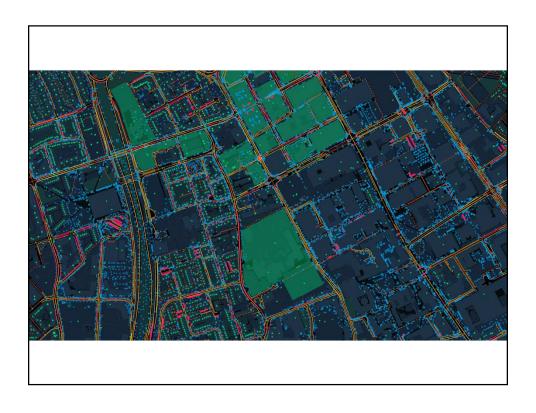




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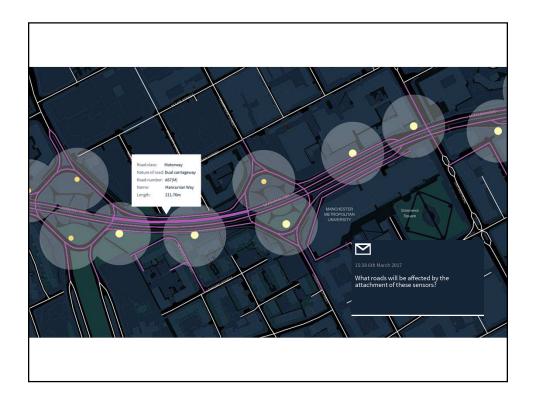


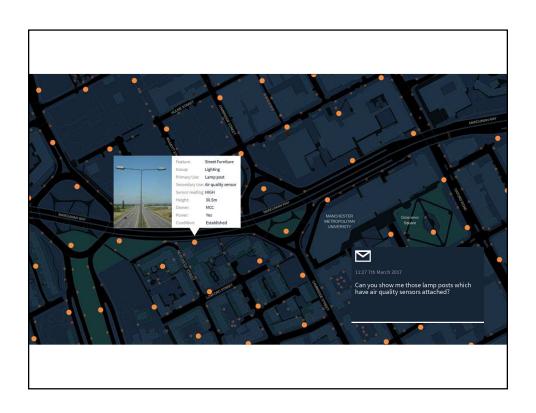




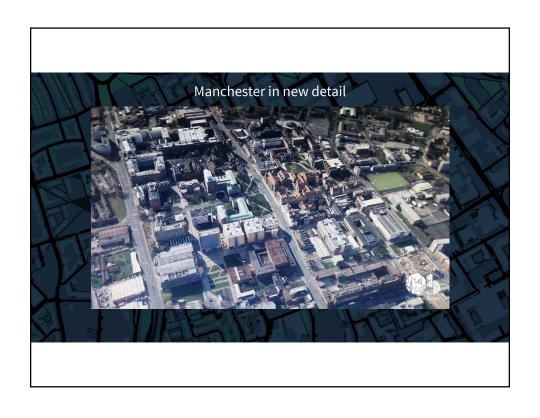






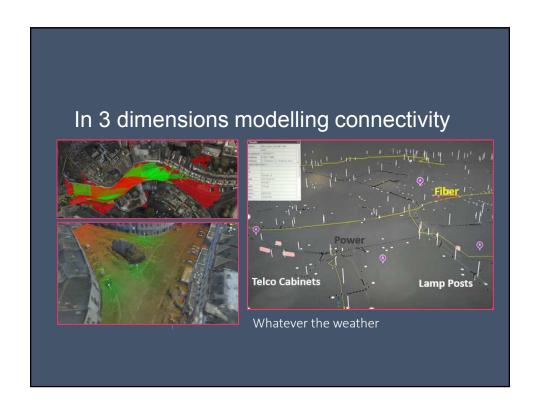


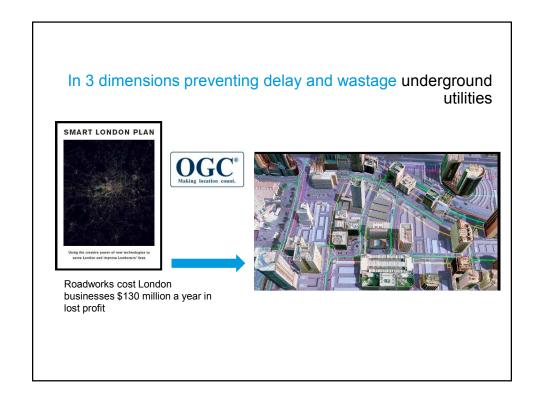












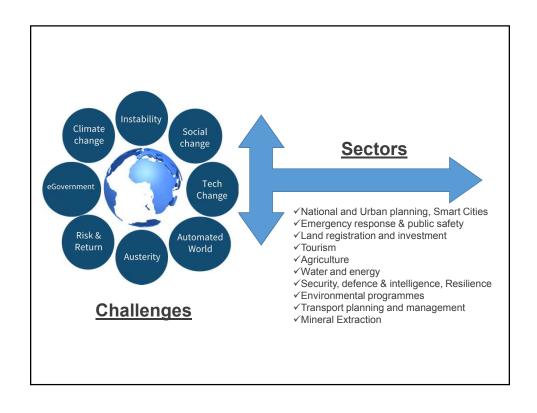
Sustainability – a city environment





- City Planning
- Health
- · Green spaces
- Remote sensing and advanced techniques to measure the 'health' of ²⁷ a city







Successful businesses create successful city economies

GI is used across various sectors:

- Marketing
- Logistics
- Insurance
- · Utilities
- Telecoms
- Banking

