





Multinationals

























New partners

SoftBank

ARUP





















Local Government & Semi-State













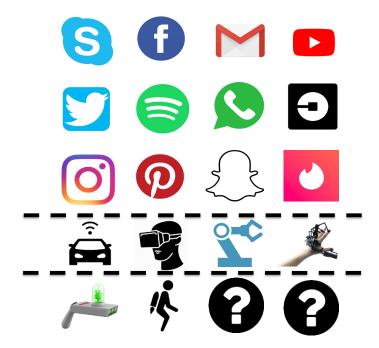


0G 1G 2G 4**G** 3**G** 2 # of apps 1 a few countless Analog voice Analog Digital Mobile **Broadband** voice voice data data

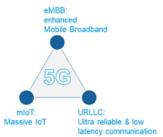
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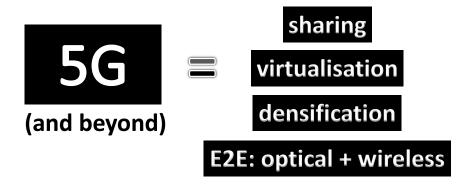


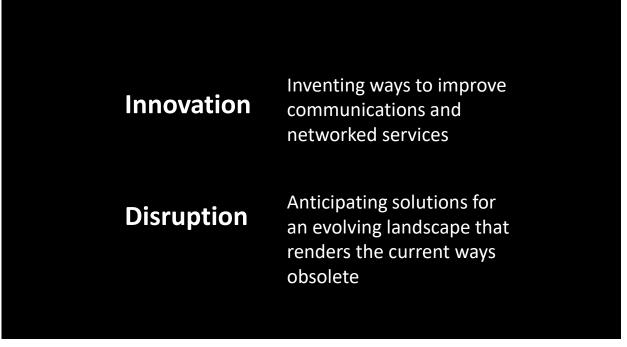


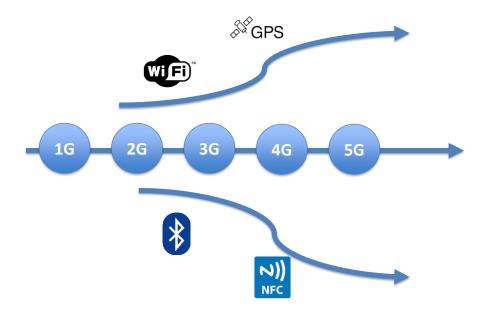


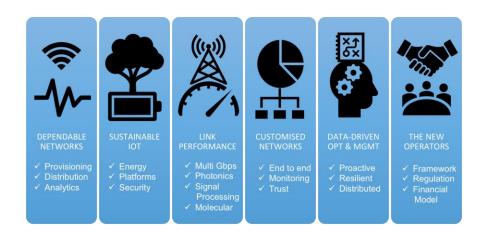












Pervasive Nation Company Relationships Active Projects

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PERVASIVE NATION

N

1. UNIQUE ACADEMIC-OPERATED COUNTRYWIDE IOT TESTBED

2. INDUSTRY CAN USE IT TO TEST SOLUTIONS AT SCALE

3. BASED ON OPEN STANDARDS

4. HAS LED TO NEW INVENTIONS AND A START-UP

5. SERVING AS A BLUEPRINT FOR OTHER NETWORK
FACILITIES IN 5G AND BEYOND



Issues for city deployment



Street furniture: power, fibre, metering



Sharing models: shared infrastructure, concession, neutral hosting

Source: "5G: an emerging framework for Irish cities and towns", white paper by DCC and Smart Docklands



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- (1) We design networks that meet the requirements of the next generation of services
- ②We design networks that enable innovation in ways that we cannot currently envision
- (3) We do this from a combination of maths, experimentation, simulation, and taking into account the business and regulatory models that underpin the evolution of those networks

