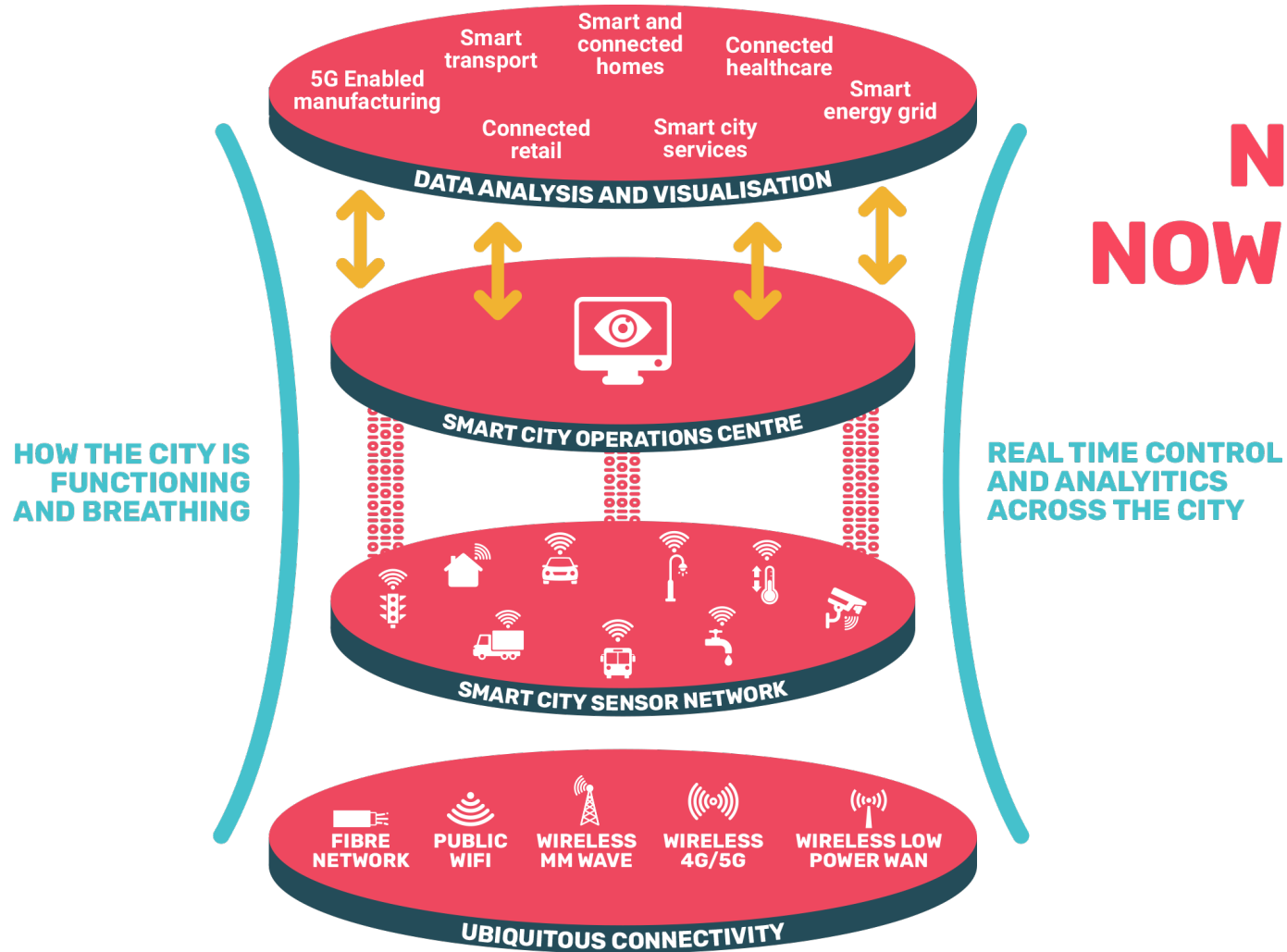


# City of Sunderland **Smart**

No One and Nowhere Left Behind

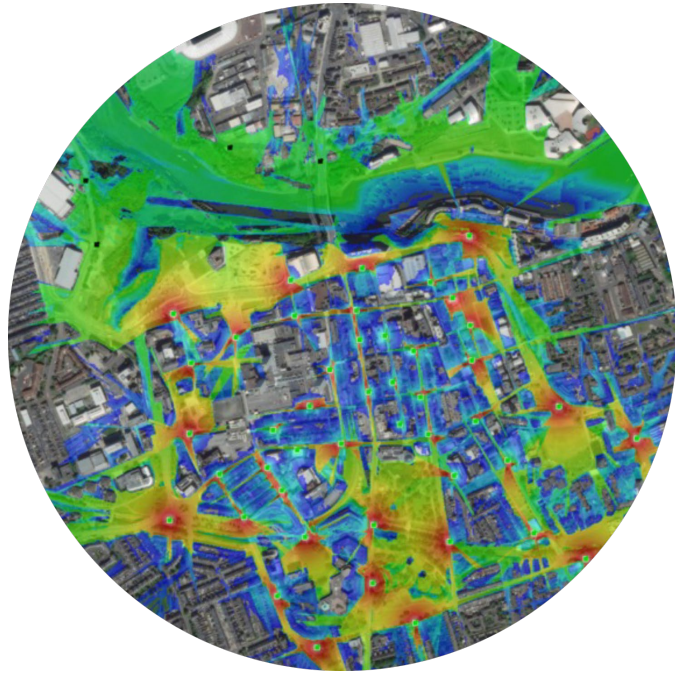


# Sunderland: Our Smart City Model



**NO ONE AND NOWHERE LEFT BEHIND**

# Smart City – From a model to reality



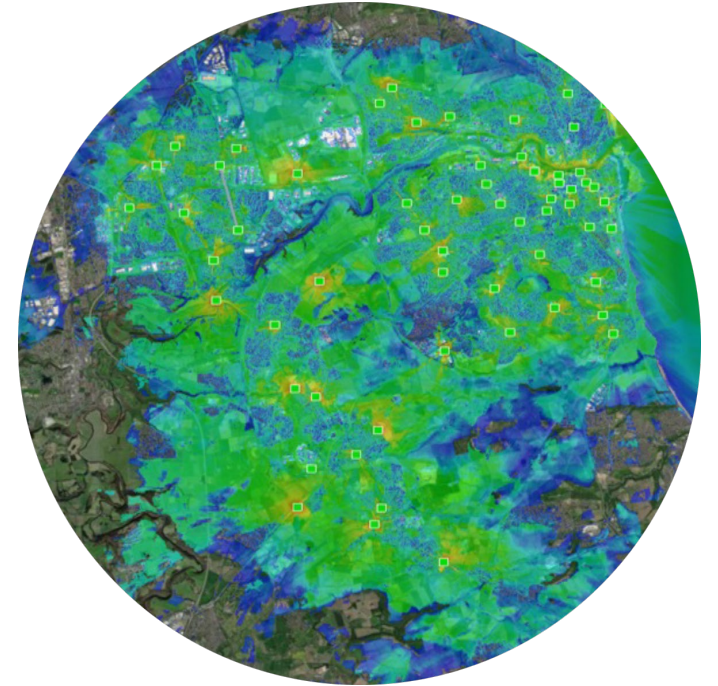
## City Centre 5G

Ultrafast, free Wi-Fi



## Roker Ultrafast

free Wi-Fi



## City-wide LoRaWAN

(long range, low powered network)

# Smart City – Infrastructure Projects

Stadium of Light



University of Sunderland



City Hall



Riverside Car Park



Sunderland Train Station



Thompson Road Park



Holmeside Car Park



Culture House



Eye Hospital



HICSA



Riverside Footbridge



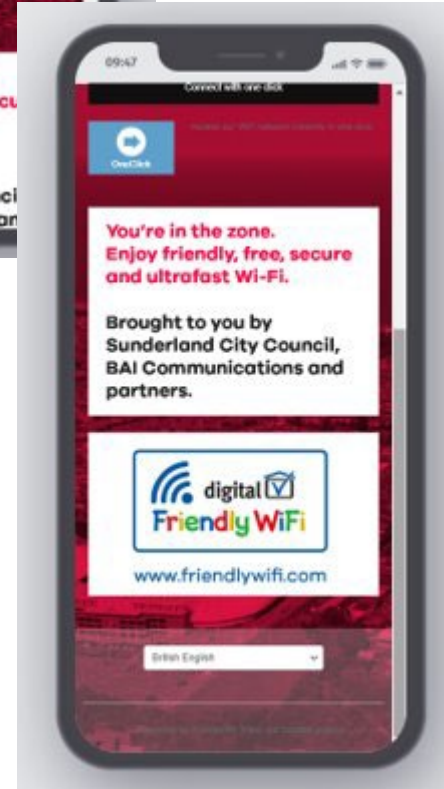
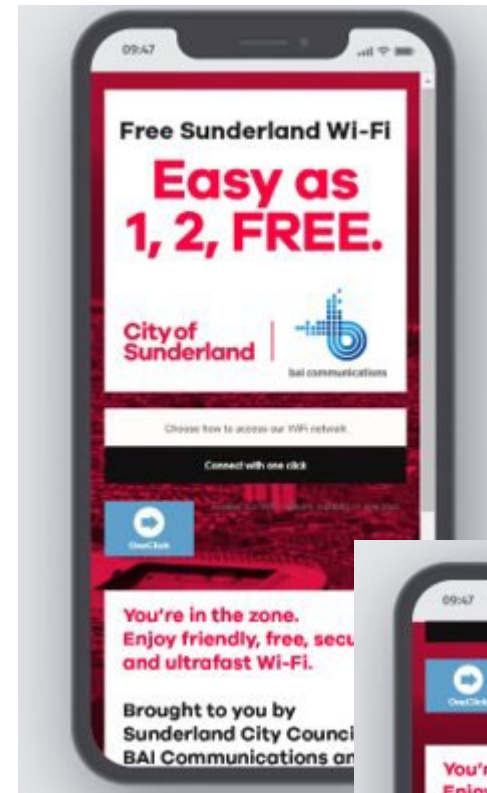
UK SPF – 24 Community & Digital Hubs



Innovate UK



# Smart City – Connecting People



# Smart City – Being Connected in a Connected City

**City of Sunderland Discover**

**What's on** See all

- National Glass Centre** Museum
- Roker Beach** Nature & Outdoors
- Souter Lighthouse** Landmark

**Getting around**

**City Centre** Busy

The city centre is busy and the air quality is good. Why not try one of these greener transport options.

**Walking** 00 min 00miles

Discover Explore Incentives Profile

**City of Sunderland Discover**

**Restaurant Week**

**What's on**

**Getting around**

Travelling around Sunderland is hassle free thanks to our excellent transport links that connect us to local areas, nearby towns and the wider region where you can find some of our most famous sights and business centres.

**City Centre** Busy traffic

**Air Quality** Good

Why not try one of these greener transport options. Based on your current location you could get into town by:

- Walking** 18 min
- Cycling** 5 min
- E-scooter** 5 min

From Thornhill, SR2 7LR Traffic Status

**City Centre** Busy traffic

**Air Quality** Good

Why not try one of these greener transport options. Based on your current location you could get into town by:

- Walking** 18 min
- Cycling** 5 min

From Seaham, SR7 7XH Traffic Status

**City Centre** Busy traffic

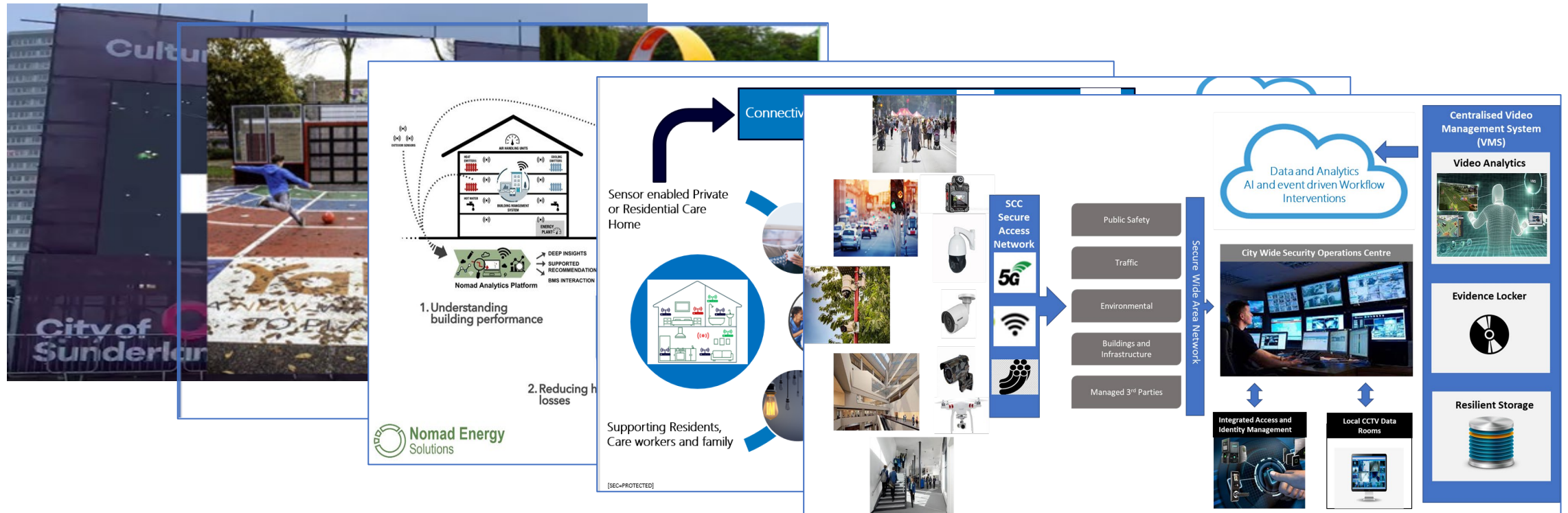
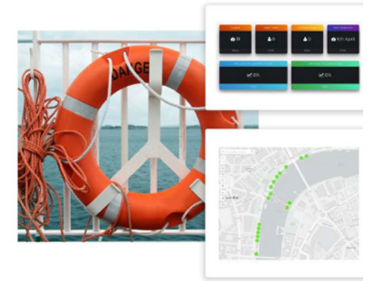
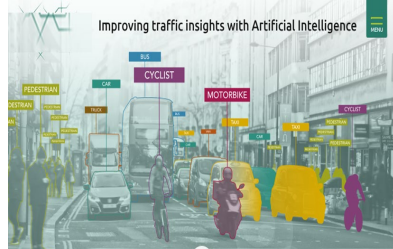
**Air Quality** Good

Why not try one of these greener transport options. Based on your current location you could get into town by:

- Metro** 19 min
- Cycling** 30 min

# Smart City – Digital Solutions

## IoT



# Smart City – Autonomous Vehicles

5G CAL / V-CAL



City Centre Shuttles

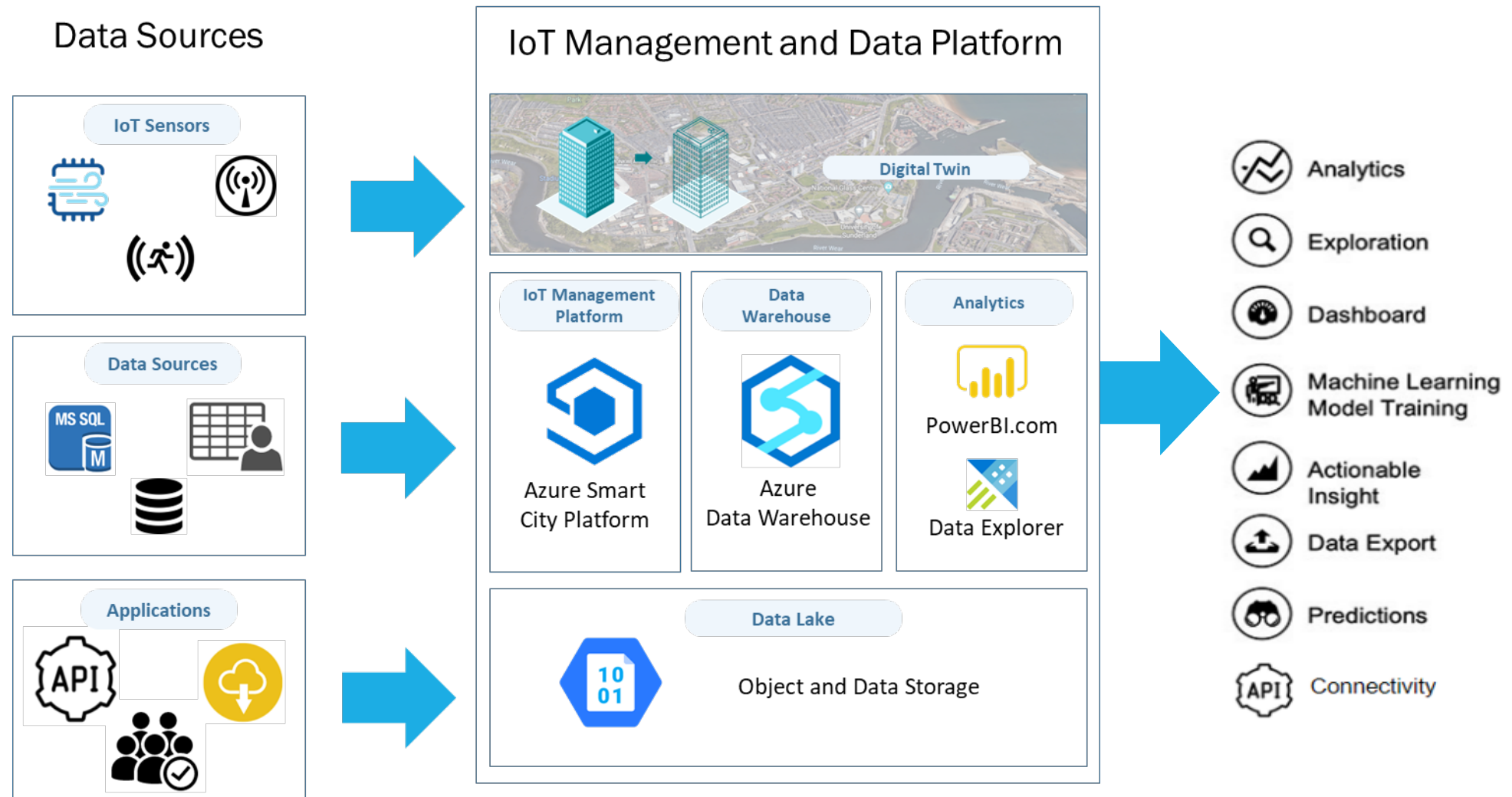


Sunderland  
University

Sunderland  
University



# Smart City - Data Platform



# Smart City - Data Platform

**SUNDERLAND** oursmartcity

Source: All | City Area: All

Cost of Living Analysis

38 Total Records | 4 # Data Sources | 1 No of Ward Areas

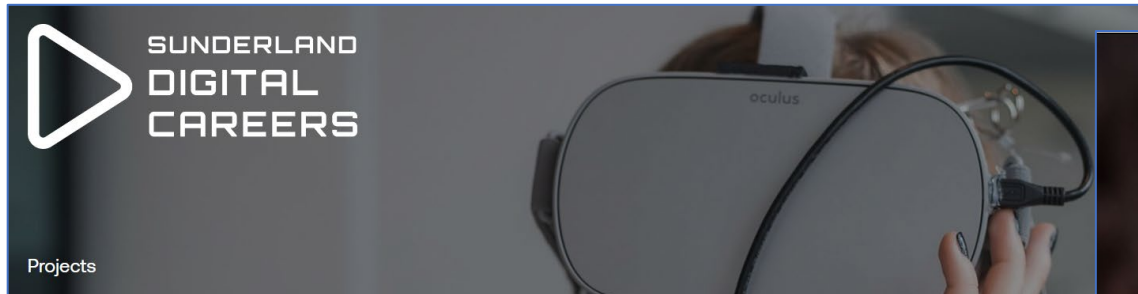
Attribute: ● IsInCCS1 ● IsInCCS2 ● IsInCCS3 ● IsInCCS4

WardArea	IsInArrearsASC	IsInCCS1	IsInCCS2	IsInCCS3	IsInCCS4	Total
Barnes	394	6	3	2	10	415
Castle	2	8			2	12
Castle	17	18	4	8		47
Copt Hill	16	20	2	4		42
Doxford	7	8		5		20
Fulwell		5	1	2		8
Hendon	32					32
Hetton	21					21
Houghton	18					18
Millfield	12					12
Pallion	16					16
Redhill	22					22
Ryhope	12					12
Sandhill	25					25
Shiney Row	10					10
Silksworth	14					14
Southwick	15					15
Total	394	356				

Identifier	Address1	Postcode
6566	1 Brancepath Avenue	DH4 6
16101	10 Morley Terrace	DH4 6
5224	12 Avon Crescent	DH4 6
10048	128 Avenue Vivian	DH4 6
7321	13 Bernard Street	DH4 6
13322	15 Abbey Drive	DH4 6
16562	16 Chalk Hill Road	DH4 6



# Smart City – Supporting Education, Enterprise and Digital Inclusion



Star  
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to expe  
tech



## Low-cost broadband deals

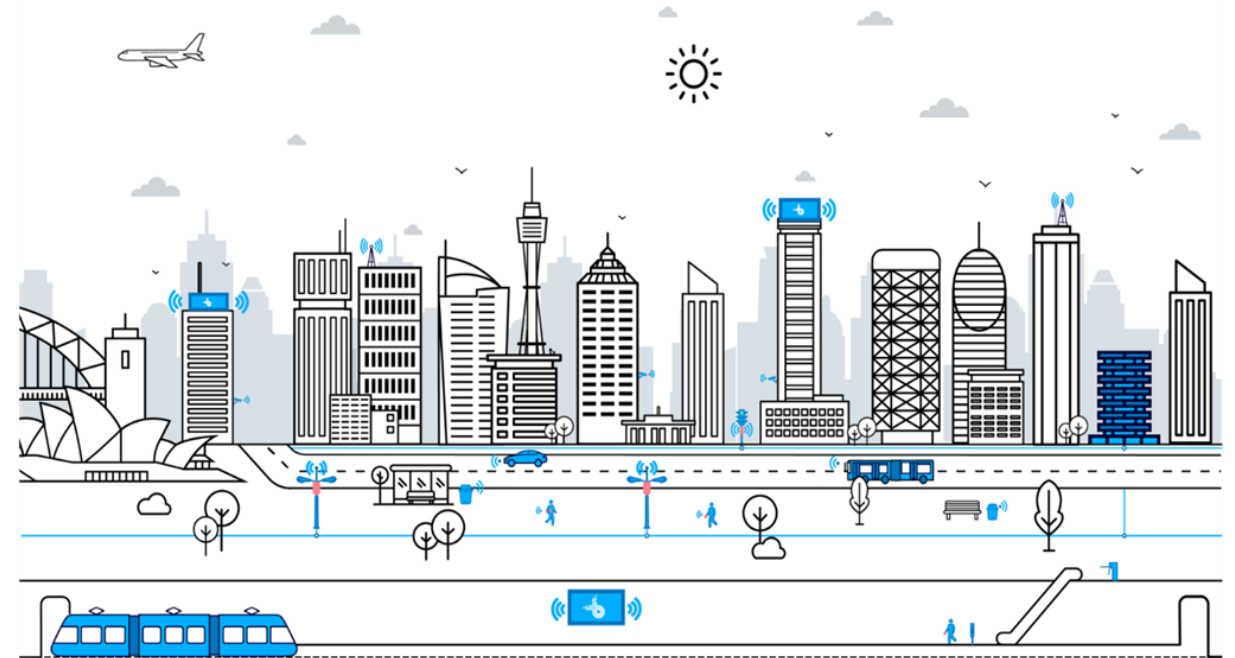
If you are in receipt of certain benefits, you could get a discount on your broadband service.

For more information scan the QR code below or visit:  
[www.sunderland.gov.uk/article/26891/Internet-in-my-Home](http://www.sunderland.gov.uk/article/26891/Internet-in-my-Home)



# Smart City – Partnership Success

- No one and nowhere gets left behind
- Advanced wireless infrastructure and ubiquitous coverage
- Transformational digital and data solutions with use cases delivering on our Smart City ambitions
- Leading UK Smart City, a Global Centre of Excellence



# City of Sunderland **Smart**

No One and Nowhere Left Behind

