esri UK

It’s SMART to know Where……

Smart Cities and Communities: Connecting Citizens

Smart ?

SMART CITY APPLICATION: GLASGOW
MOBILE AIR QUALITY MONITORING INTERNET OF THINGS CASE

BRISTOL IS OPEN
open programmable city region

THE UK'S FASTEST GROWING CITY
A multicultural population of over 183,000 people
Ranked 2nd in the country for private sector growth
Peterborough
£1billion regeneration programme
Creating the UK's Environment Capital, with the country's largest cluster of environmental businesses
GIGABIT CITY:
ONE OF THE UK'S 4 FUTURE CITY DEMONSTRATORS
A diverse economy with world-leading companies in advanced manufacturing, finance and agriculture
Welcome to Peterborough...

Active, Clean, Safe
TRANSPORT AND TRAVEL
Empowerment, Happiness, Enjoyment
CULTURE AND PUBLIC REALM
HEALTH AND SOCIAL CARE
Self-Care, Lifestyle, Prevention
ENERGY AND THE ENVIRONMENT
Productivity, Air Quality, Decarbonisation

A 'Smart' Community

“A smart community must connect people, places and technology to deliver outcomes that improve people’s lives whilst maximizing the efficient use of resources.

The common factor is location and the common need is for data driven decision making, sharing and collaboration”

- Paul Clarke, Head of Government Practice, Esri UK

COUNTY BUS LOCATION

What are we trying to achieve?

- Providing services in the most cost effective and efficient way
- Enhancing and widening the services that are provided
- Engaging citizens in decision making
- Demonstrating that key initiatives are being delivered

Less Budget & Tougher challenges require “Smart” solutions

Every Community wants to be…

Aspirations get translated into actionable, real-world Initiatives

Safe | Well Run | Liveable | Healthy | Prosperous | Sustainable

Aspirations

Initiatives

- Implement Performance Management
- Reduce Traffic Congestion
- Create More Affordable Housing
- Reduce Homelessness
- Increase Recreation Opportunities
- Improve Water Conservation
- Make Parking Easier
- Create Job Availability
- Improve Emergency Response Times
- Use Less Energy
- Encourage Startups
- Improve Earthquake Preparedness

SADIQ KHAN FOR LONDON

A MANIFESTO FOR ALL LONDONERS

Business, prosperity and opportunity	Homes for Londoners	A modern and affordable transport network
A safer and more secure London	Skills for Londoners	A fairer and more equal city
A greener, cleaner London	Improving London's health	Making the most of arts, culture and creativity

Our Manifesto for Greater Manchester

The Best Place to Grow Up

Best Place to Live, Work & Get On In Life...

The Best Place to Grow Older

A More Equal Society - and a beacon of social...

Coordinated Construction

Enhance livability by easing traffic, a city can pool its open data via the ArcGIS Platform to create an app like the Los Angeles Streetwize app, an interactive web-based application that maps street construction and permit activities.

Clean Streets

Cities can create crowd source apps. Los Angeles 22,000 miles of public streets and alleys are assigned a cleanliness score. Residents can explore the cleanliness of streets near them while city staff use this data to prioritise clean-up efforts, prevent illegal dumping, and deploy 5,000 waste bins in the right locations.

Initiatives Cross Departments

Economic Development

Initiatives Cross Departments

Affordable Housing

Initiatives Cross Departments

VisionZero

Leverage the Broader Community

GIS Enables New Types of Collaboration

Connecting Individuals, Organisations and Communities

Individuals

Breaking Down Barriers

Organisations

Sharing Knowledge with Geographic Context

Networks of Organisations

. . . Creating a Nervous System for Our Planet

Open Data
Academic
NGOs
Citizens
Businesses
Start Ups
Civic Innovators
Location Platform
Government
Transportation • Economic Development • Community Development • Utilities • Facilities • Infrastructure • Land Management • Elections • EMS • Fire • Public Safety • Social Services • Health