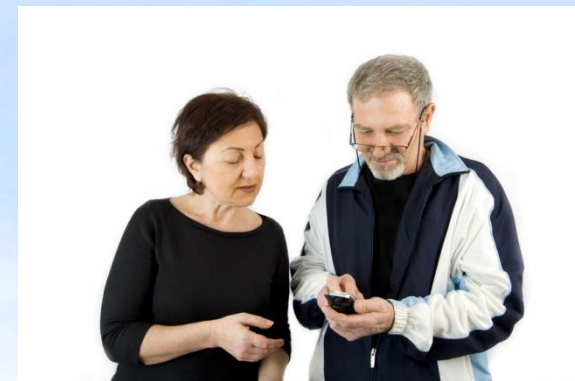




QCumber Smart City City data and prototype data platforms



CERC

Data obtained for Phase 1

- Over 100 datasets from 30 data providers
- European, national and city data
- Loaded into prototype QCumber Smart City data platforms for Birmingham, Cambridge, Ipswich and London

Data obtained for Phase 1



Suffolk County Council:
Data Cabinet



IPSWICH
BOROUGH COUNCIL



OpenStreetMap

Department for
Transport



CAMBRIDGE
CITY COUNCIL



Cambridgeshire
County Council



Department for Environment, Food & Rural Affairs



DATA.GOV.UK
Opening up Government



ENGLISH
HERITAGE

NaPTAN



Cambridgeshire Insight
Data | Insight | Local



Environment
Agency

Cambridgeshire.net
Linking with your local community



FINNISH METEOROLOGICAL INSTITUTE



Mappa Mercia

Open**Flights**

Data obtained for Phase 1



Cambridge Prototype Platform

- Flood
 - Flood Alert Areas
- Land use
 - Registered Parks and Gardens
 - Sites of Special Scientific Interest
 - Local Nature Reserves
 - Country Parks
 - Common Land
- Industrial
 - Permitted industrial processes
- Recycling and waste disposal
 - Waste sites
 - Landfill sites
- Transport
 - Road network
 - Road traffic counts
 - Road CO2 emissions
 - Road local air quality emissions
 - Bus stops
 - Rail network
 - Rail local air quality emissions
 - Airport local air quality emissions
- Education
 - School catchment areas
- Demography
 - Age structure
 - Economic activity
 - Health

Ipswich Prototype Platform

- Flood
 - Flood Alert Areas
- Environment
 - CO2 emissions
- Land use
 - Registered Parks and Gardens
 - Common Land
- Recycling and waste disposal
 - Household waste recycling rate
 - Landfill sites
- Transport
 - Road accidents
 - Bus stops
- Demography
 - Population
- Social
 - Child Poverty Index
 - Crime Totals
 - Job Seeker's Allowance Claimants
 - Households receiving Winter Fuel Payments
 - NEET 16-18
 - Homeless and in Priority Need
 - NI Registrations to Adult Overseas Nationals
- Health
 - Early deaths (all causes, cancer, cardiovascular)
 - Waiting times at GP surgeries
 - Hospital admission rates (emergency, day case, elective)

Birmingham Prototype Platform

- Flood
 - Flood Alert Areas
- Land use
 - Registered Parks and Gardens
 - Sites of Special Scientific Interest
 - Local Nature Reserves
 - Country Parks
 - Common Land
- Industrial
 - Permitted industrial processes
- Recycling and waste disposal
 - Waste sites
 - Landfill sites
- Transport
 - Cycle routes
 - Cycle parking
 - Bus stops
 - Gritting routes
 - Walking paths
- Administrative boundaries
 - Wards
 - Region

Crowd-sourced
data!

Demonstration of prototype city data platforms

- CERC