



Urban Big Data Centre

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**Urban
challenges**

**Digital
revolution**



*“to promote
innovative research
methods & the use
of big data to
improve social,
economic &
environmental well-
being in cities”*

**Data
science**

***“to promote
innovative research
methods & the use
of big data to
improve social,
economic &
environmental well-
being in cities”***

**IT and data
assets**

**Domain
expertise in
cities**

**Data
science**

***“to promote
innovative research
methods & the use
of big data to
improve social,
economic &
environmental well-
being in cities”***

**IT and data
assets**

**Data
governance**

UBDC: the first five years

- Funded by ESRC with University of Glasgow
- Led by Professor Vonu Thakuriah

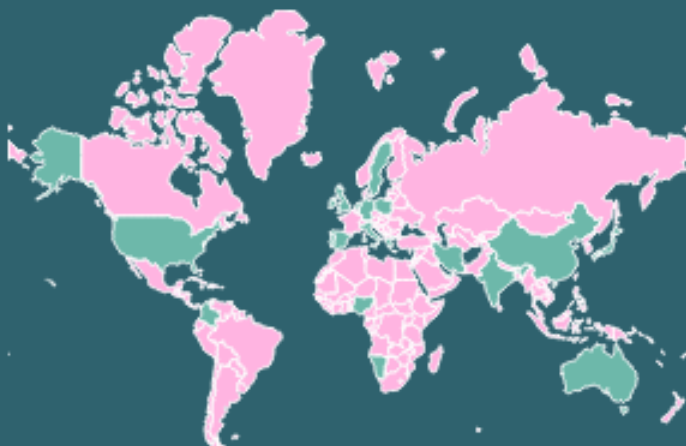


- Data service
- Research
- Training & capacity building
- Working with government, business and third sector

DATA SERVICE IN NUMBERS



22 COUNTRY OF ORIGIN OF DATA SERVICE USERS



Colombia	1	Germany	4
Greece	1	Hong Kong	2
India	1	Iran	2
Ireland	3	Italy	1
Japan	1	Korea	2
Namibia	1	Netherlands	4
Nigeria	2	Poland	1
Portugal	1	Spain	2
Sweden	1	The Netherlands	1
United Arab Emirates	1	United Kingdom	434
USA	10	Australia	1
unspecified	7		

487

TYPES OF DATA SERVICE USERS



voluntary sector/
community group

12



university/higher
education

357



private individual

22



private company

48



government / local
authority / other
public body

48

1084 NUMBER OF DATASETS REQUESTED



commercial & retail

11



geospatial

221



housing

192



integrated multimedia city

304



geological

41



transport

197



weather

6



other requests [controlled
data/ data sourcing]

112

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Public and third sector



Business and industry

STRAVATM

Zoopla

CITYLETS



twitter



nestoria

Austin-Smith:Lord

the behaviouralist

burningglass[®]
TECHNOLOGIES

bluesky



FixMyStreet



elgin

experianTM **Travelai**

springboard

abellio

Emu Analytics

pba
peterbrett



esri

PTV GROUP
the mind of movement

UBDC: the next five years

- Overall vision and core capabilities remain the same
- Funded by ESRC and University of Glasgow with support in kind from 20+ partners
- Some re-ordering of objectives and priorities



Objectives:

1. Impact on public policy, industry & society
2. World-leading urban analyses
3. Enhance quality of data & methods, & access to data
4. Understand & support use of big data in planning & policy
5. Centre-of-excellence for teaching & capacity building

#ubdcshowcase



@UrbanBigData



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