Open Government Data

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eGovernment at W3C

- Public Open Interest Group
- Collective effort
  - Governments, Industry, Citizens, Civil Societies, other International Bodies
- Identification and description of existing challenges
- Propose ways to address them
- Read/Comment
  - http://www.w3.org/TR/egov-improving

Will portals disappear?

Read Government Data and the Invisible Hand

How do citizens search?

- They try going to a one-stop shop
  - (a few, and if known)
- To the given agency Web site if not
  - (even less ones)
- They often use a search engine
- They get pointers to non-gov sites
- Happy with what they get

Why limit interactions?

Open Government?

"If people don't know what you're doing, they don't know what you're doing wrong"

"Yes, Minister" on Open Government (1980)

Open Government!

"It took me 15 minutes and 20 lines of code to get the info of Spanish congress representatives from 15 HTML pages into XML, and I'm **not** a good programmer"

Jose M. Alonso (2009)

2nd Try...

- Why limit interactions?
  - avoid obscurity by default
  - move from ownership to stewardship

Open Government Data

“**Public Sector Information (PSI)** in **free open raw** formats and ways that make it **accessible to all** and allow **reuse**”

more specific? ex. see the 8 principles

Public Policy Outcomes

- Inclusion
- Transparency
- Accountability

Benefits

- Multiple views, not just one
- Reuse
  - "the coolest thing to do with your data will be thought of by someone else"
- Improved Web Search
- Data Integration
- Foster innovation

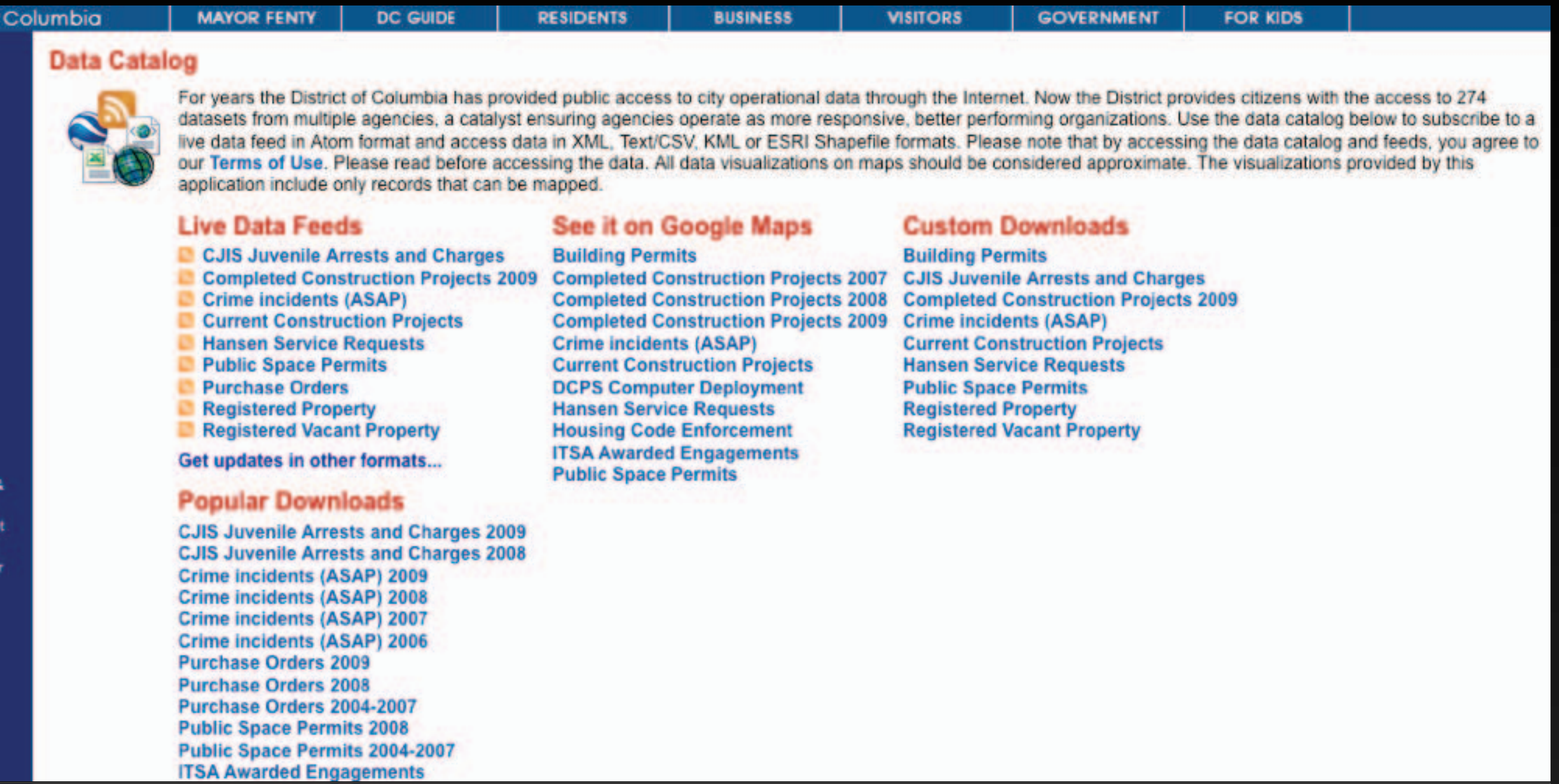
EU PSI Facts and Figures

- UK Office of Fair Trading study
  - UK Gov losing 500MGBP/year
- EU Geographical Sector
  - 350% download increase (2007)
- National Meteorological Offices
  - 70% increase (2002-2007)
  - €530 worth (2006)

More Facts and Figures

- Austrian Mapping Agency (BEV)
  - prices 97% down
  - downloads 7000% up
  - stable turnover!

Example: DC.gov



- Data Catalog (CSV, Atom, XML, ESRI, KML)

Example: DC.gov

Metropolitan Police Department

MPDC HOME

SERVICES

INFORMATION

Police Districts
Welcome
The Community
Commander's Letter
District Calendar
District Commander
District Roster
Success Stories
Annual Crime Statistics
Directions
District Boundaries

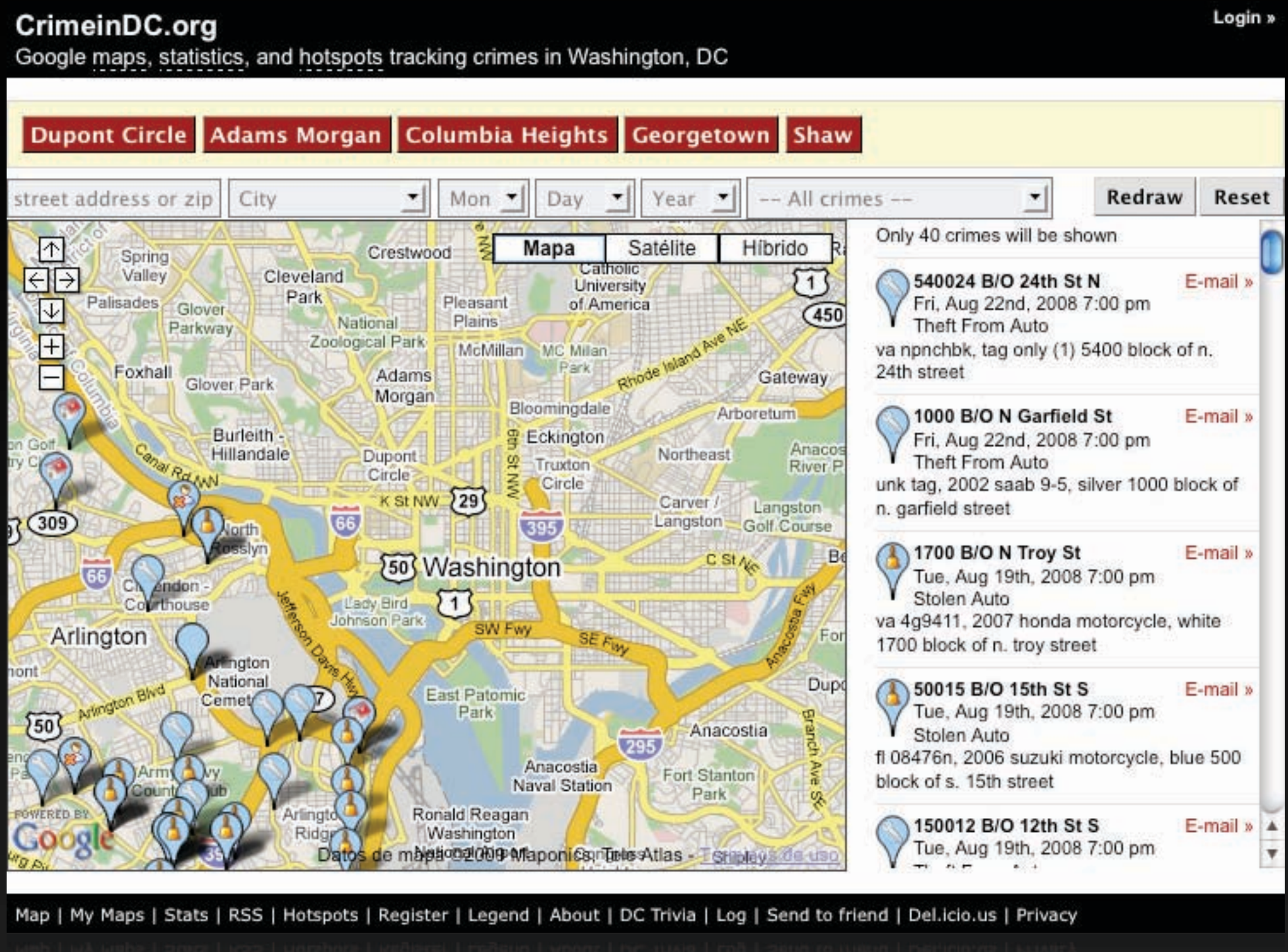
ONLINE SERVICE REQUESTS

Sixth District Monthly Crime Statistics
January 2008

	Year-to-Date Comparison			Monthly Comparison		
Crime	Thru 1/07	Thru 1/08	% Change	1/07	1/08	% Change
Homicide	3	4	33	3	4	33
Sexual Assault	1	3	200	1	3	200
Robbery	48	49	2	48	49	2
Assault with a Deadly Weapon	46	25	-46	46	25	-46
Burglary	33	29	-12	33	29	-13
Theft	35	25	-19	35	25	-29
Theft from Auto	53	46	-13	53	46	-13
Stolen Auto	89	86	-3	89	86	-3
Arson	0	0	NC	0	0	NC
Total	308	267	-13	308	267	-13

This data is subject to change due to late reporting.

Example: DC.gov



Example: DC.gov

- many more at Apps for Democracy (ROI = 4000% ?)
- see also work of MySociety (UK) and Sunlight (US)

The Three Steps to Reuse

"**identify** the data that one controls, **represent** that data in a way that people can use, and **expose** the data to the wider world."

Jeni Tennison

The road ahead

Semantic Web

XML

RDFa

API

RSS/Atom

HTML Scrapping

EU Directory

still way to go...

Data.gov

still way to go, too...

Sunlight Labs API

Sunlight Labs API

About the Data

Our data comes from a variety of sources and updated regularly, a list of all sources with their update dates are listed below.

Source	Last Update
US Census Boundary Files	2007-03-01
Project Vote Smart	2008-06-19
Congresspedia	2008-06-20
Eventful	2008-06-20
GovTrack.us	2008-06-20
Congressional Biographical Directory	2008-06-20
FEC Disclosure Database	2008-06-20
Center for Responsive Politics	2008-06-20
Congressional Directory	2008-06-20

Crowdsourcing the Apps

Home | About APPS08 | Sponsors | App Directory | Judges | Collaborate | Prizes | Submit! | Contact Us | Blog Feed | Apps Feed

Apps for Democracy

An Innovation Contest

for the

ADRIAN M. FENTY, MAYOR
VIVEK KUNDRA, CTO
District of Columbia
Office of the Chief Technology Officer

Got what it takes to mash-up DC's data to win some cash and tons of street cred?

Then sign-up for Apps for Democracy and start coding here!

Show Us a Better Way

Tell us what you'd build with public information and we could help fund your idea!

What would you create with public information?

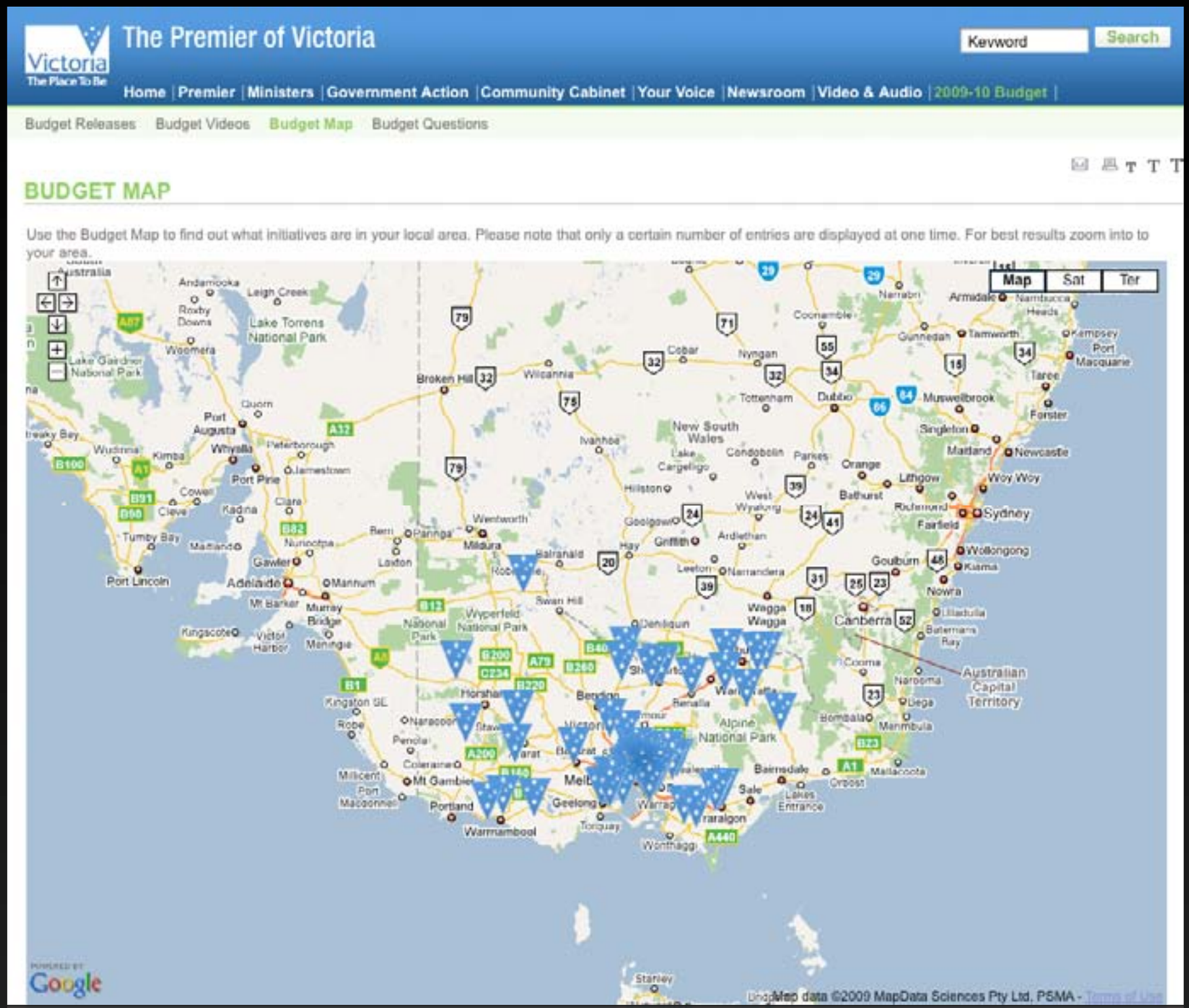
Ever been frustrated that you can't find out something that ought to be easy to find? Ever been baffled by league tables or 'performance indicators'? Do you think that better use of public information could improve health, education, justice or society at large?

The UK Government wants to hear your ideas for new products that could improve the way public information is communicated. The Power of Information Taskforce is running a competition on the

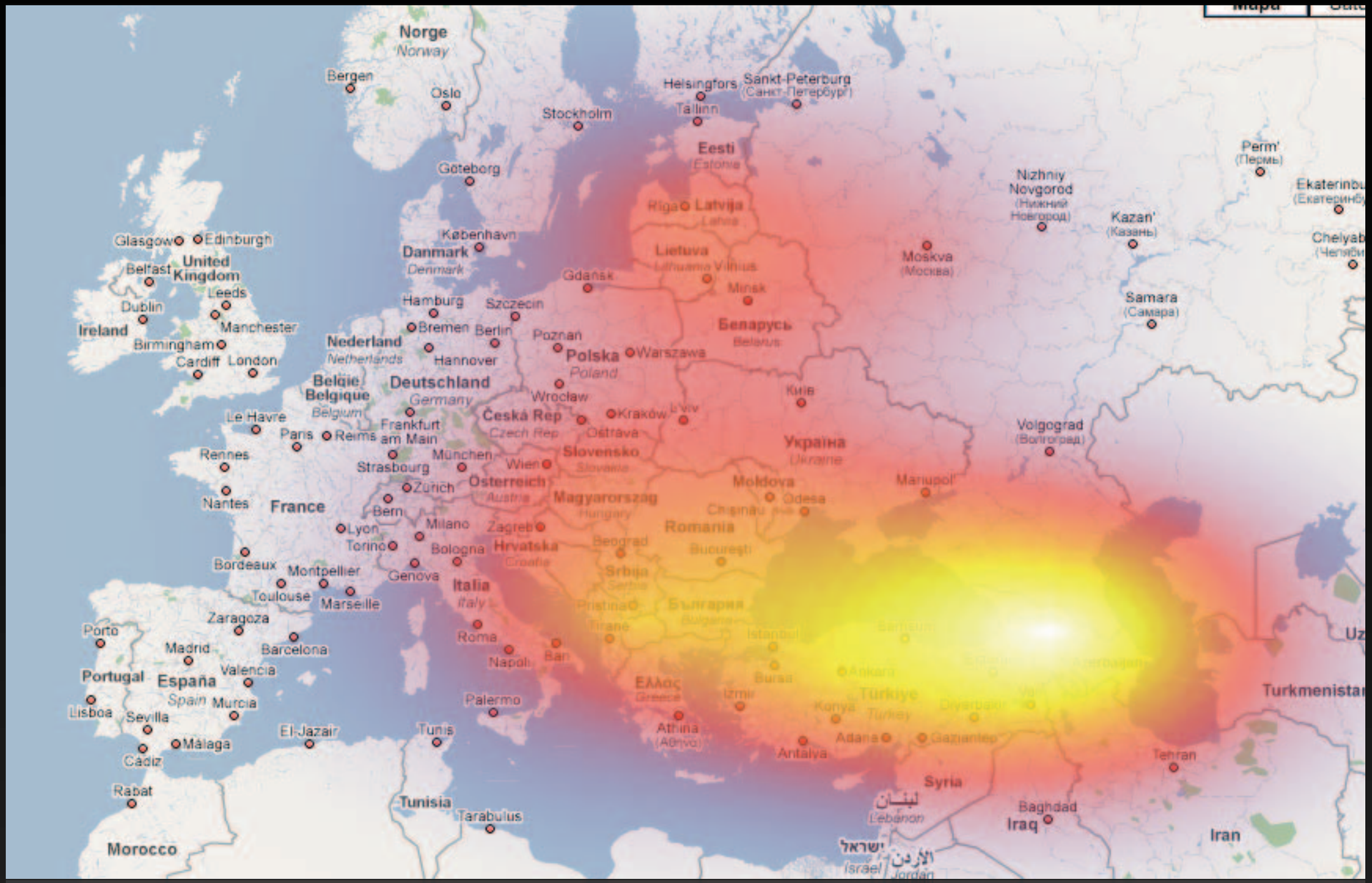
Submit Your Idea

- Home
- All your ideas
- About This Competition
- Examples
- Frequently Asked Questions
- Information sources
- House Rules
- Contact Us

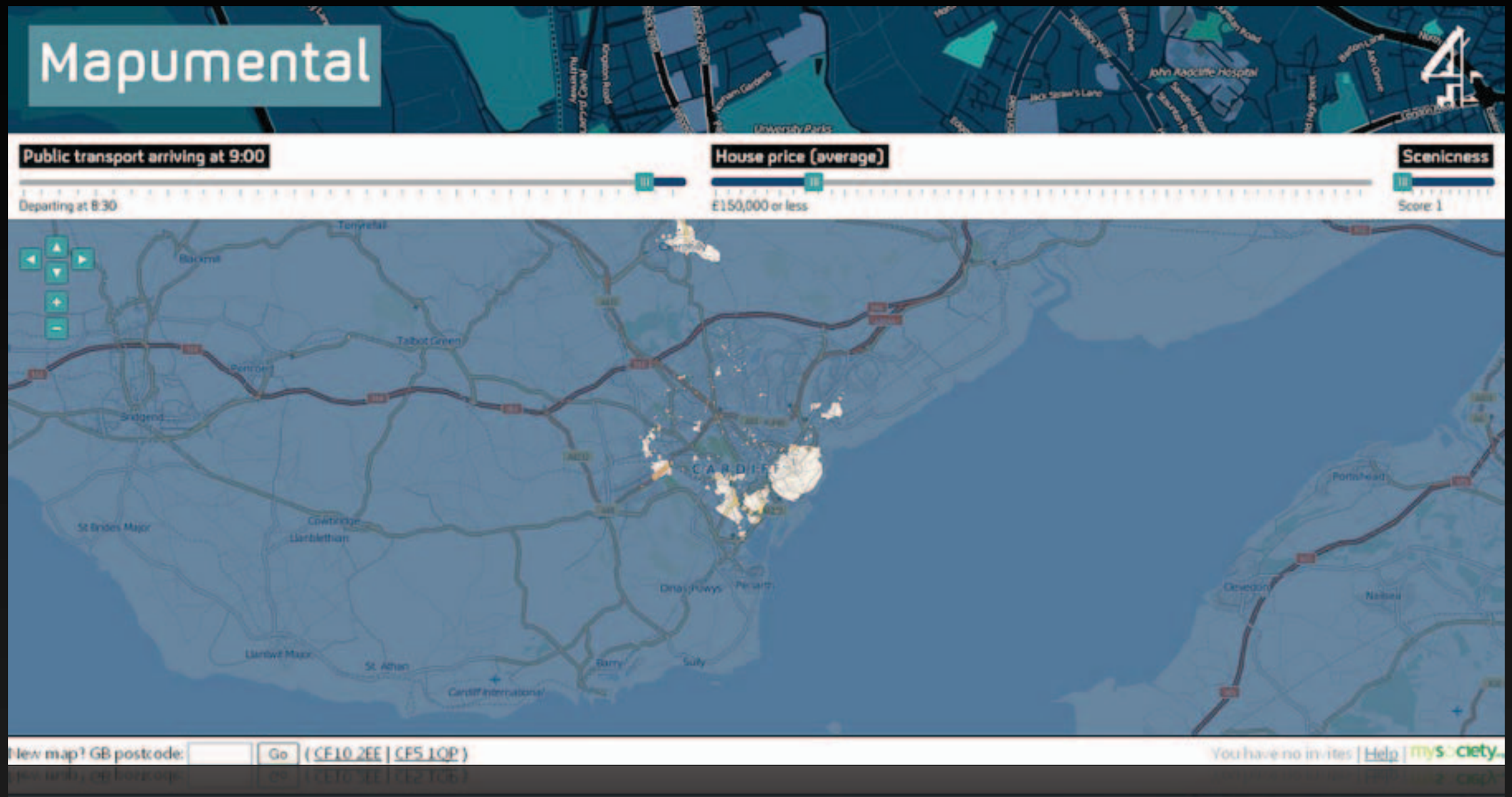
Victoria (AU) Budget Map



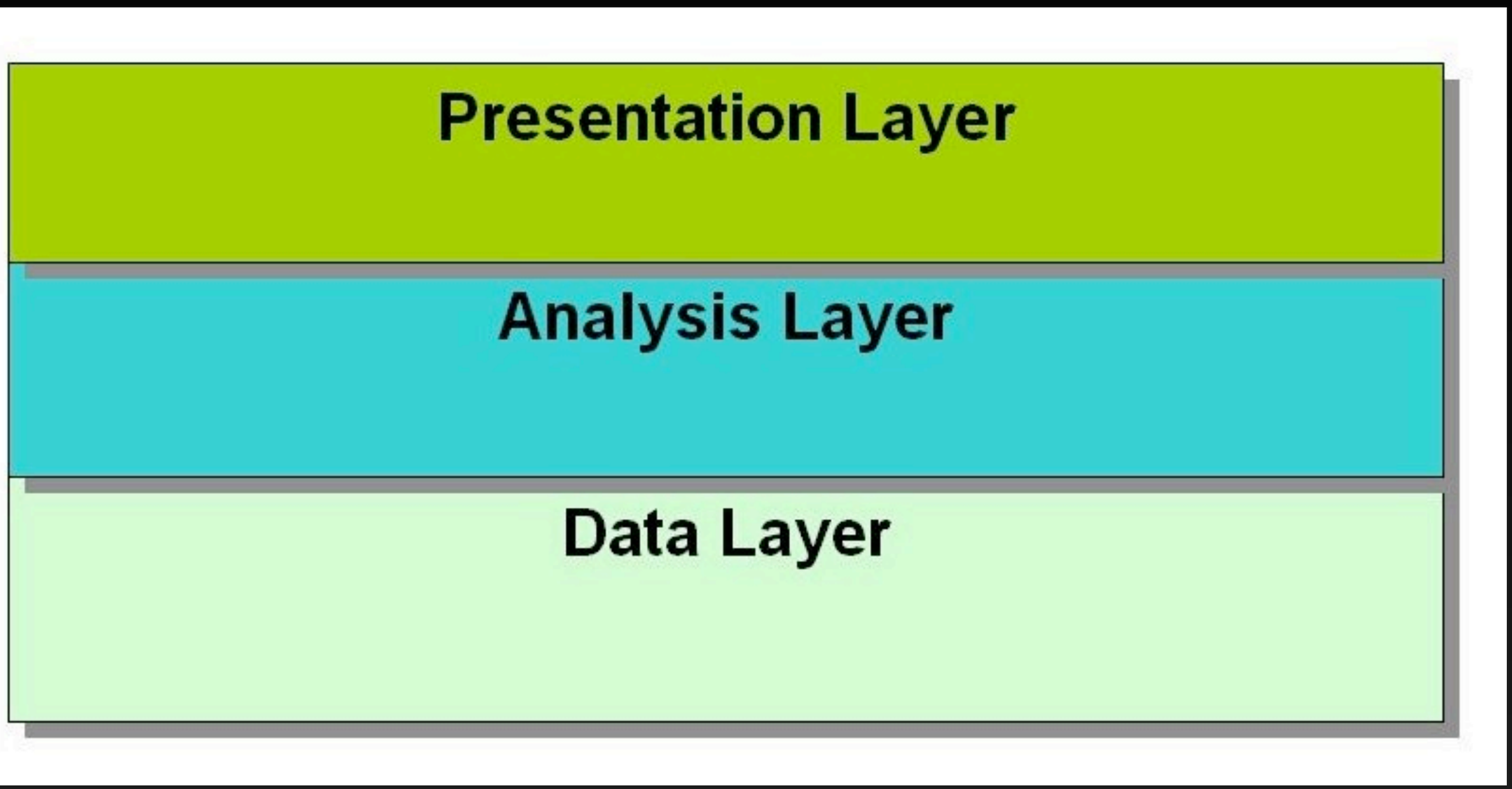
New office in EMEA?



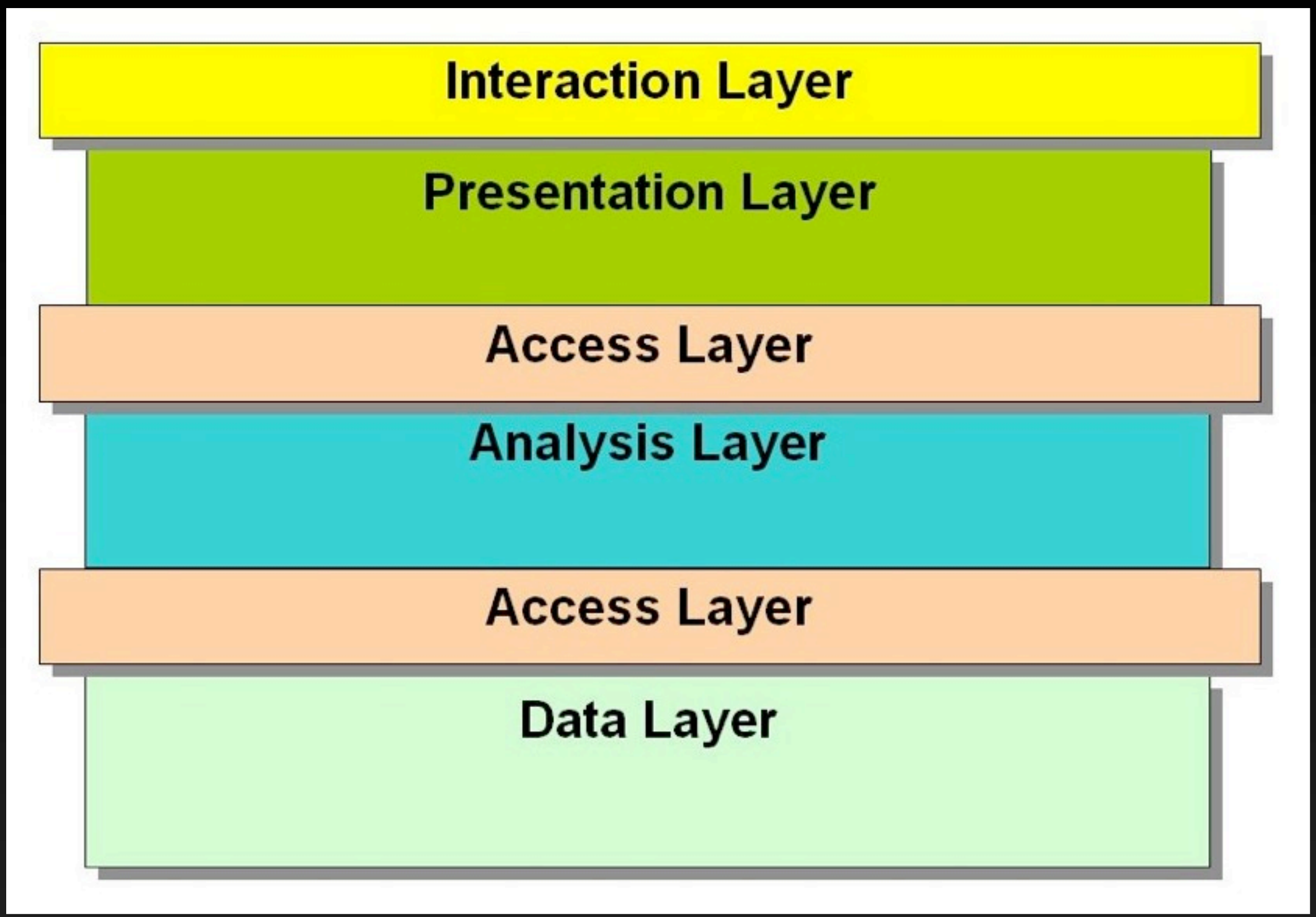
Mapumental


Mapumental
Public transport arriving at 9:00
Departing at 8:30
House price (average)
£150,000 or less
Scenicness
Score: 1
CARDIFF
New map? GB postcode:
Go
(CF10 2EE | CF5 1QP)
You have no invites | Help | mysociety

Power of Information

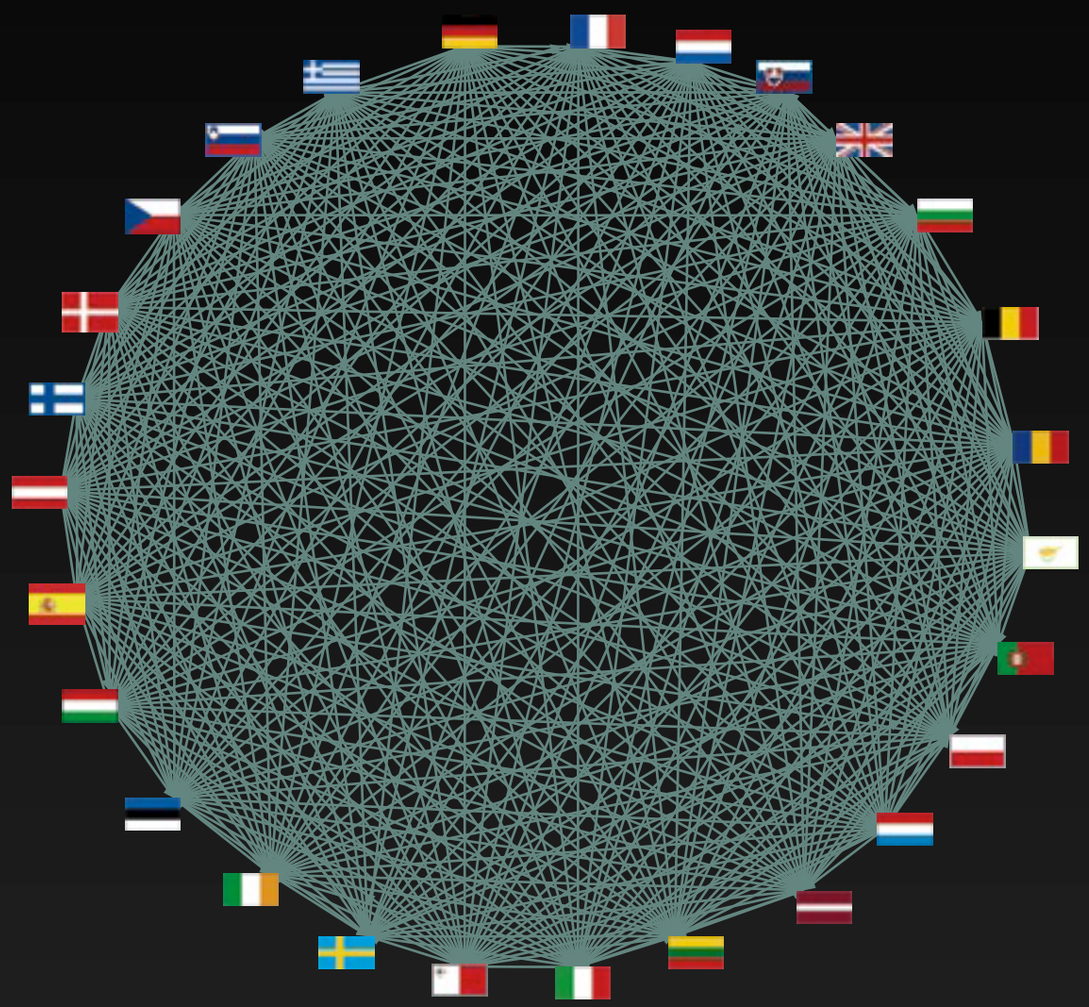


Power of Information



Ex. EU Network of Judicial Registers

- Potential number of bilateral interfaces between 27 member states: 702
- for just one administrative procedure

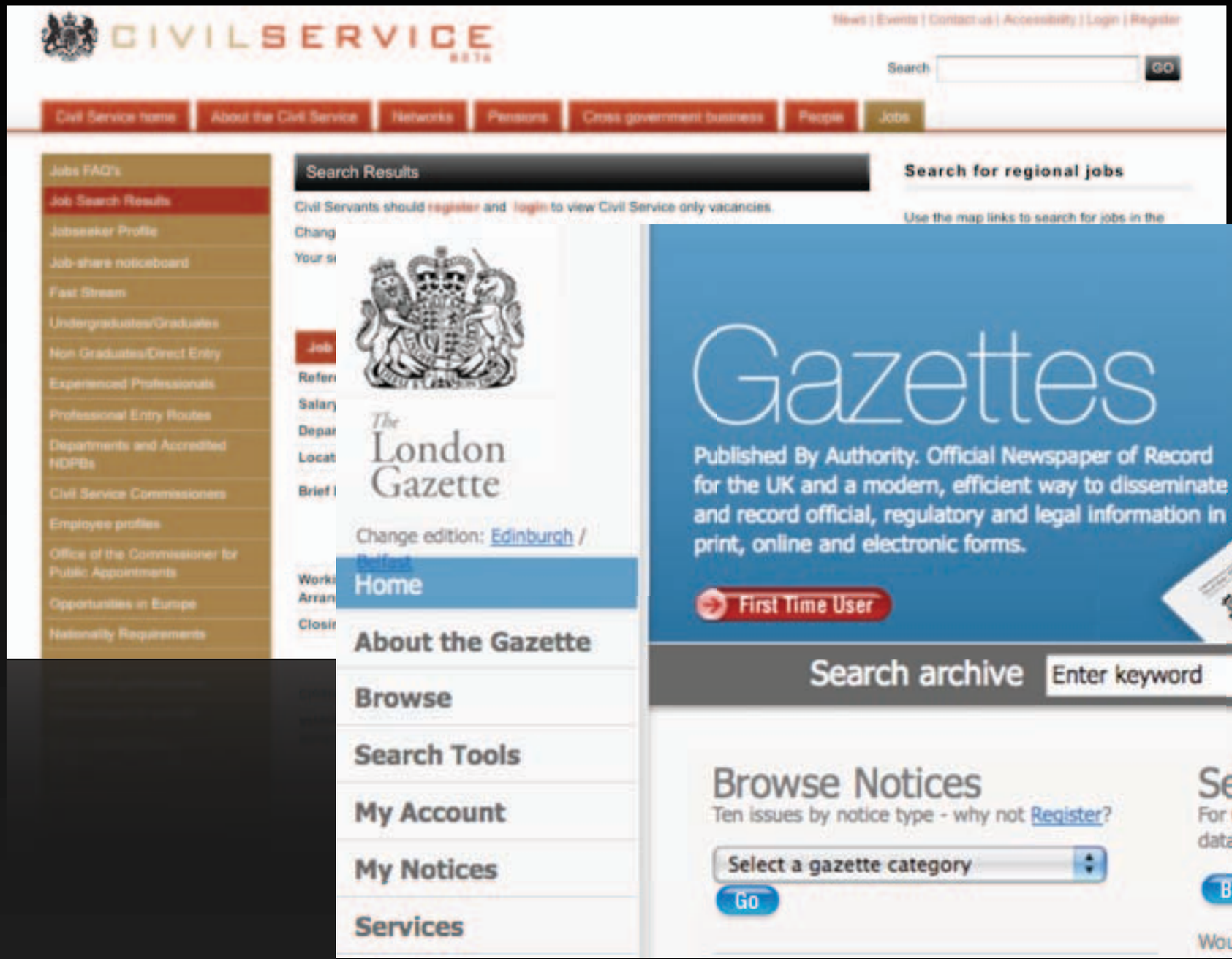


© SEMIC.EU

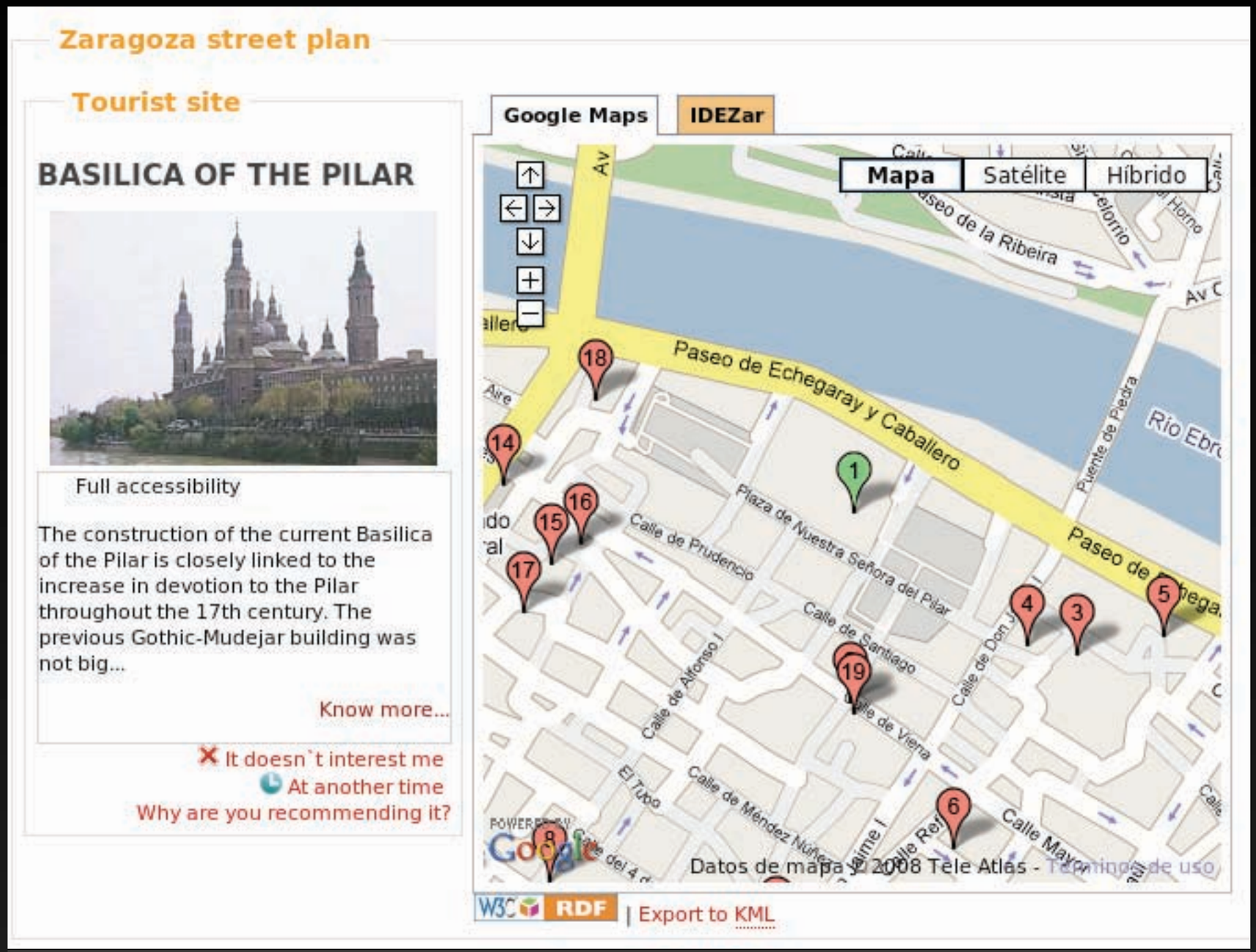
Example: RDFa

- Google announced RDFa and microformats support

RDFa in UK Gov



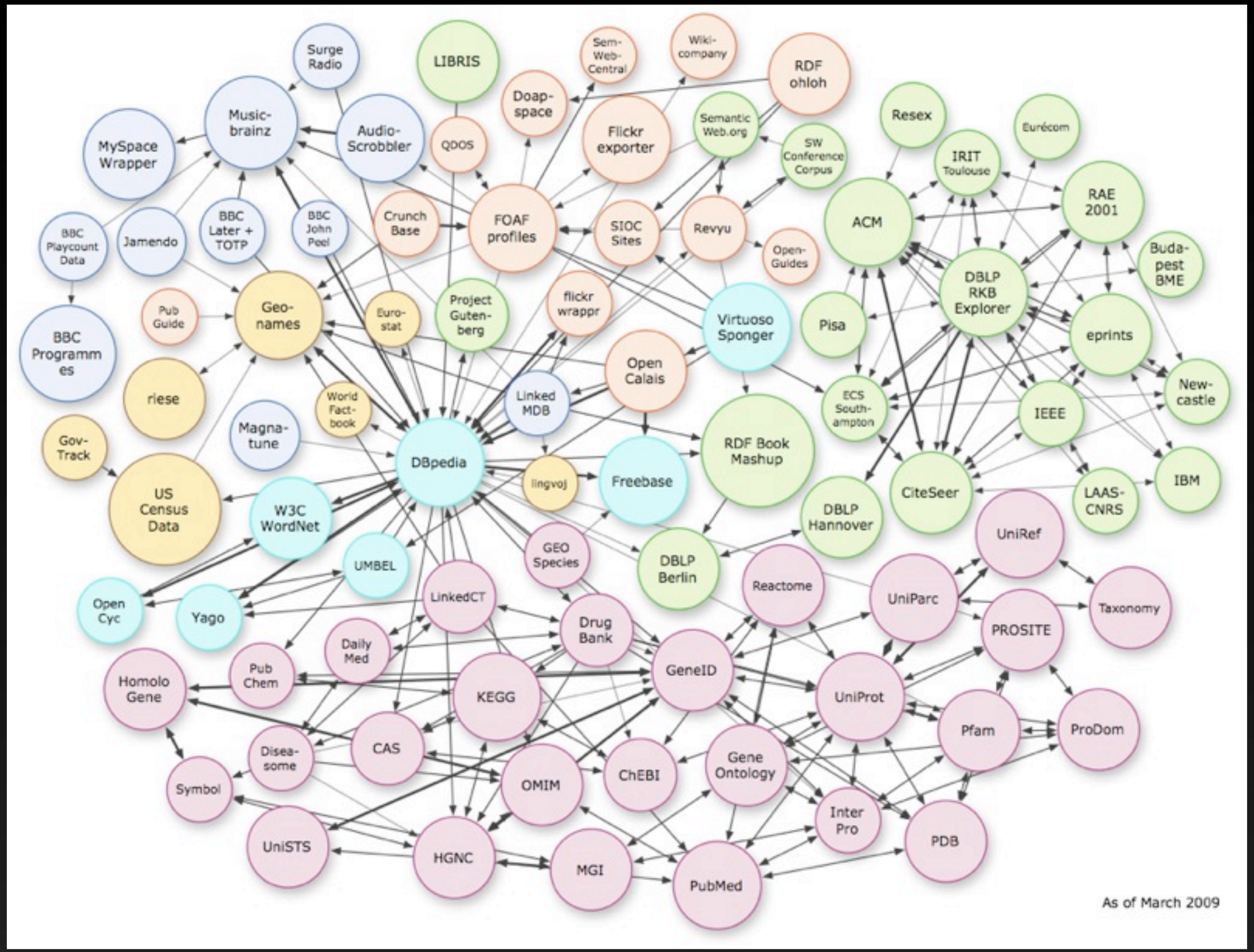
Cruzar (CTIC/Zaragoza)



Meet Linked Data

- Empowering Data
- No need to throw away your existing systems, just build on top
- Metadata are the goal (data mashups)
  - Linking Open Data project
- TimBL talk at TED (slides, video)
  - Raw Data Now!

Linked Data Cloud



...Not Without Issues

- Mission and Strategy
- Capabilities
- Authoritative Source, Provenance, Trust
- Security
- Integrity
- Persistence
- Licensing Models
- Legacy Systems
- Standardization

Thanks and Q&A

http://www.w3.org/2007/eGov/

http://www.w3.org/2009/Talks/06-OGD-JA/

josema@w3.org

Credits

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