

# Open Data: Why it is important

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## The Importance of Open Data

**New Economic and Social Value**

**Greater Transparency**

**Improved public services**

**More Efficient Government**



# **New Economic and Social Value**

## New data-driven services



The image shows a mobile application interface for 'The Climate Corporation'. At the top left is the company logo, which consists of a stylized leaf and a water drop icon next to the text 'THE CLIMATE CORPORATION'. Below the logo is a grey horizontal bar. The main background of the app is a green field with a dirt road. The title 'CLIMATE | BASIC' is displayed in large, bold, yellow letters. Below the title, the text 'Better Data. Better Decisions.' is written in white, followed by 'The most advanced way to get insight into your fields.' in a smaller white font. At the bottom of the screen, there are four circular icons in a row, each with a label below it: 'Weather' (with a sun and cloud icon), 'Tracker' (with a line graph icon), 'Alerts' (with a bell icon), and 'Scouting & Notes' (with a book icon).

**THE CLIMATE CORPORATION**

# CLIMATE | BASIC

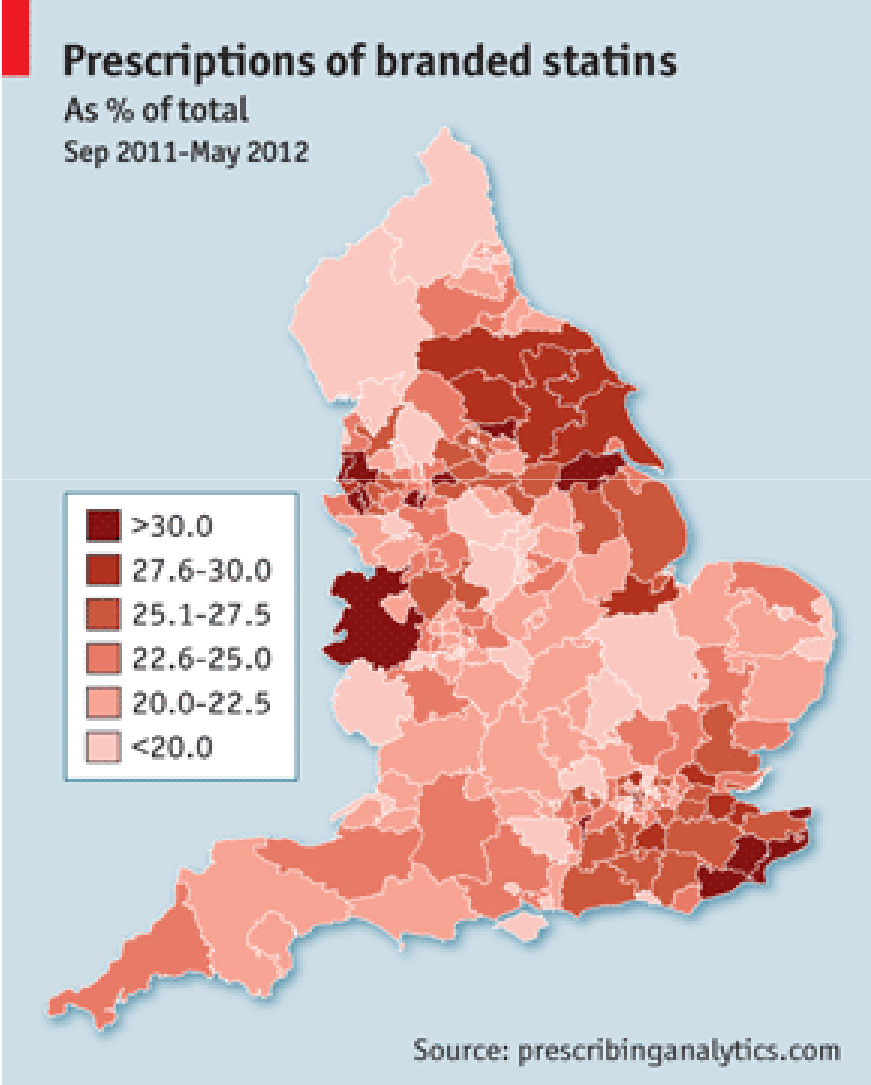
**Better Data. Better Decisions.**  
The most advanced way to get insight into your fields.

Weather Tracker Alerts Scouting & Notes

# Greater Business Efficiency

The screenshot displays the 'elgin electronic local government information network ROADWORKS INFO' web application. The interface includes a navigation bar with 'Map', 'Search', and 'Results' tabs. A 'Map layers & legend' panel on the left shows various layers such as 'Roadworks & obstructions', 'Current works', 'Planned works', 'Street gazetteer', and 'Highway network'. The 'Current works' section is expanded, showing 'Severe impact' (red triangle), 'Moderate impact' (orange triangle), and 'Slight impact' (yellow triangle). The main map area shows a large number of red triangles representing roadworks across the UK, with a scale of 1:4M. A detailed information panel on the right for 'Old Bridge Road, Whitstable, Kent' shows a 'Current permit' from 12/12/2011 to 05/04/2012, with a 'Moderate impact on journey time'. The panel also lists the responsibility as 'Southern' and the last update on Elgin as 12:05. A 'Close' button is visible at the bottom of the panel. The footer contains copyright information for 2012 Elgin and accessibility details.

# Better Business Decisions



# Geospatial Reference Data: Maps & Addresses



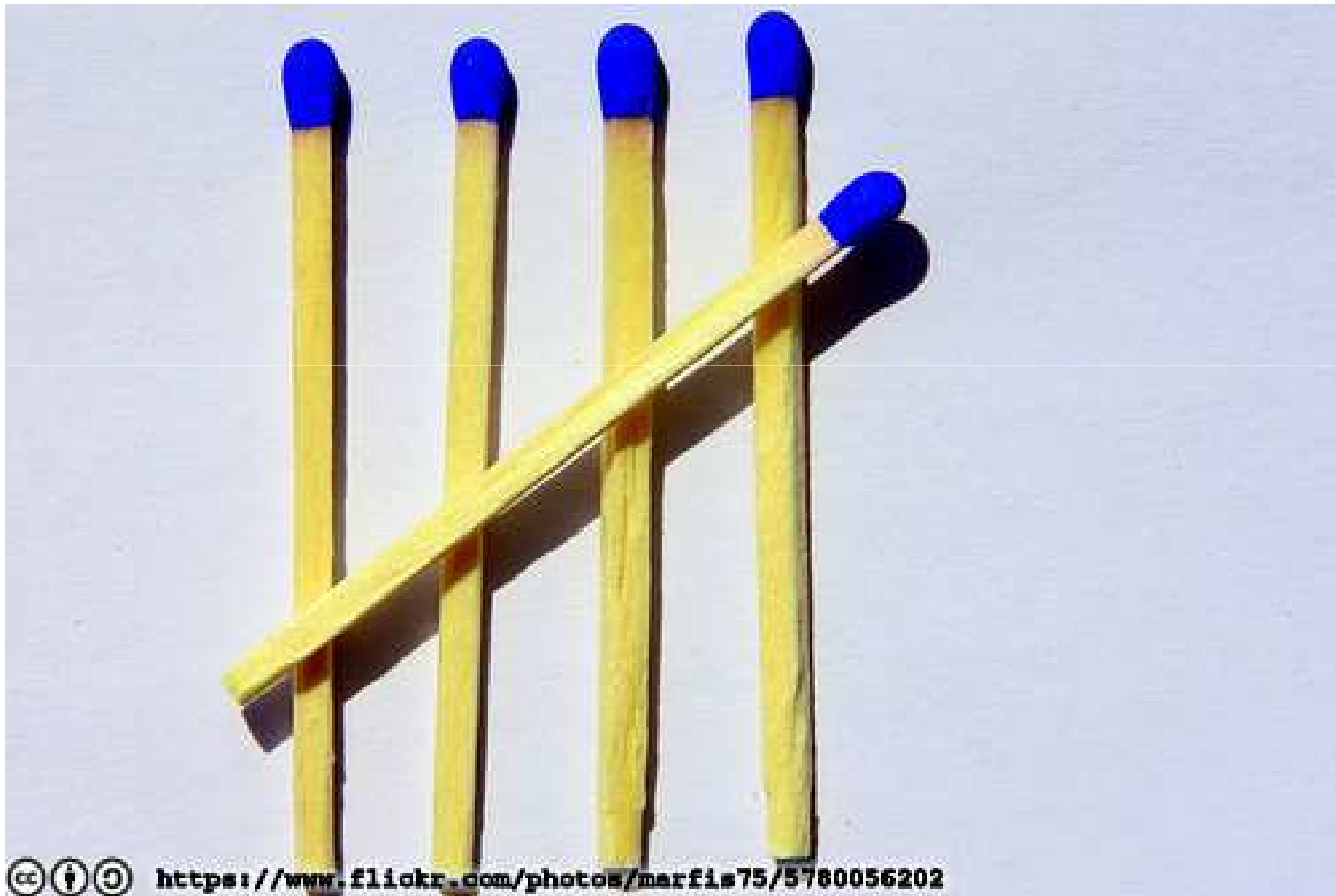
 [flickr.com/photos/lennox\\_modough/9009441588/](https://www.flickr.com/photos/lennox_modough/9009441588/)

# Transport Information





# Census and other detailed statistics



# Government Spending and Procurement



# Weather Data

**Met Office**

### Five day forecast

★ **City of London**

Day	Weather	Temperature (°C)		Wind (mph)
		Max.	Min.	
Sun		9	5	11
Mon		8	4	16
Tue		7	5	14
Wed		8	5	26
Thu		9	4	15

Updated: 0900 on Sun 2 Feb 2014

[Get detailed forecast for City of London](#)

### Flood warnings and alerts

**South East**

- No Severe Flood
- 29 Flood
- 135 Flood Alerts

### UK weather map

SUNSHINE EVERYDAY!  
Atlantis, Dubai, holidays fr just £559pp [TRAVELBAG.co.uk](#)

Weather  Rainfall

Forecast for 1200 Sun

Updated: 0900 on Sun 2 Feb 2014

[Get detailed forecast map for UK](#)

# European Union: potential of €200bn a year





# Greater Transparency

# Is My Money Being Spent Well?

UK Local Council Spending 2278777 Entries

[Search](#) [About](#) [Explore](#)

APE

Search

[JSON](#) [CSV](#)

• 14 entries found.

Time	Spender	Recipient	Amount	
2009-10-16	Rochdale Metropolitan Borough Council	APE THEATRE COMPANY LIMITED	4,950	<a href="#">details»</a>
2010-04-07	Buckinghamshire County Council	Go Ape !	820	<a href="#">details»</a>
2011-01-06	Dorset County Council	MONKEY WORLD APE RESCUE CENTRE	636	<a href="#">details»</a>
2010-12-17	Dorset County Council	MONKEY WORLD APE RESCUE CENTRE	636	<a href="#">details»</a>
2010-12-13	Dorset County Council	MONKEY WORLD APE RESCUE CENTRE	636	<a href="#">details»</a>
2010-06-02	Cannock Chase District Council	Go Ape!	597	<a href="#">details»</a>
2010-04-14	North Somerset Council	APE FIRE & SECURITY LTD	545	<a href="#">details»</a>
2010-07-14	North Somerset Council	APE FIRE & SECURITY LTD	525	<a href="#">details»</a>
2010-11-14	Bristol City Council	A P E FIRE & SECURITY LTD	12,168	<a href="#">details»</a>
2010-11-14	Bristol City Council	A P E FIRE & SECURITY LTD	2,833	<a href="#">details»</a>
2010-08-14	Bristol City Council	A P E FIRE & SECURITY LTD	2,989	<a href="#">details»</a>
2010-10-14	Bristol City Council	A P E FIRE & SECURITY LTD	2,878	<a href="#">details»</a>
2010-10-14	Bristol City Council	A P E FIRE & SECURITY LTD	2,878	<a href="#">details»</a>
2010-09-14	Bristol City Council	A P E FIRE & SECURITY LTD	2,443	<a href="#">details»</a>

# Data-driven Journalism

**Nieman Journalism Lab**  
*Pushing to the future of journalism — A project of the Nieman Foundation at Harvard*

MAY 23, 2012, 2:54 P.M.



**90 empresas**  
**135 líneas**  
**9559 unidades**  
En Capital Federal

**How La Nación is using data to challenge a FOIA-free culture**

*One of Argentina's largest newspapers is creating and sharing databases with the public, while training its newsroom to dig deep into data.*

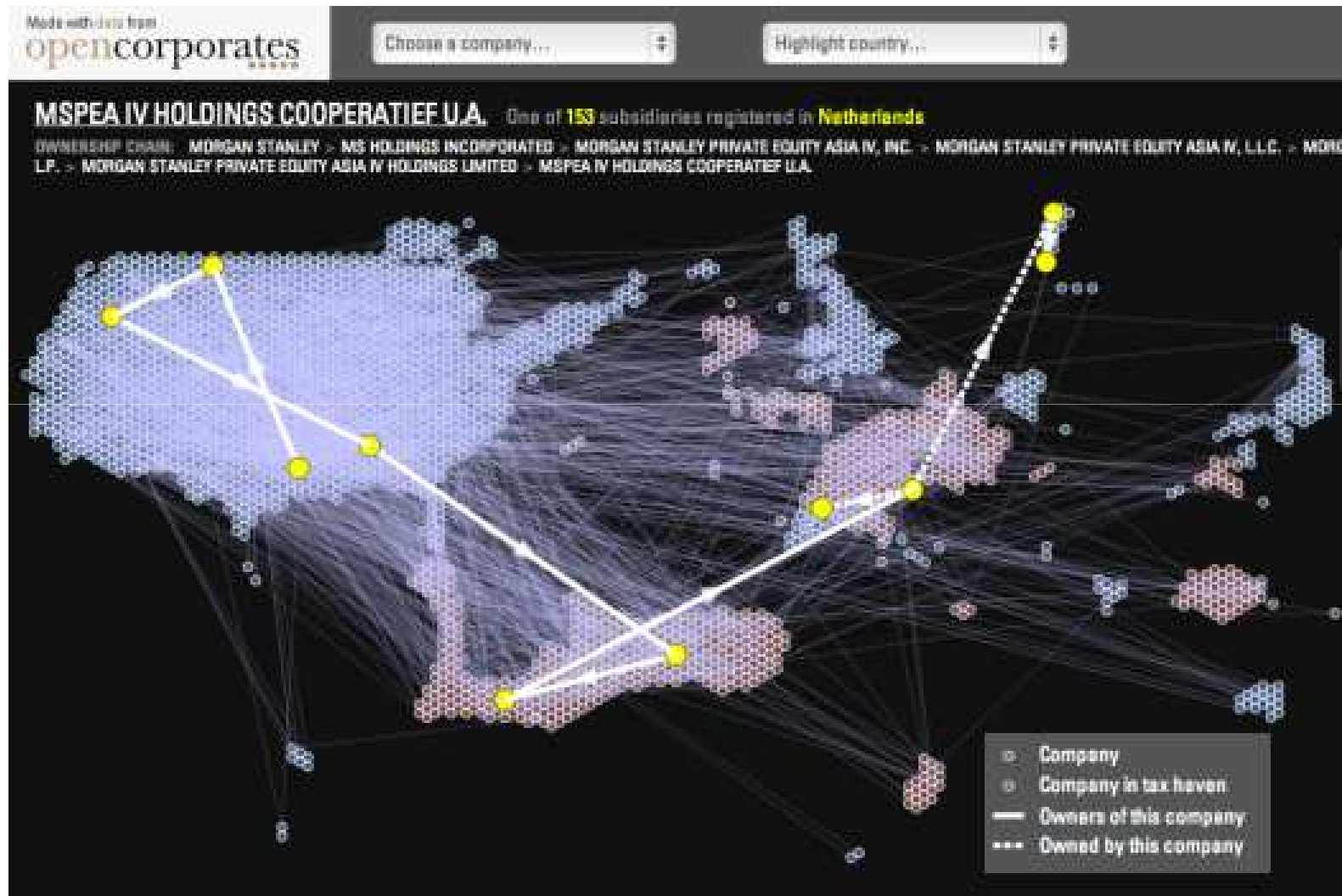
## Input

- 285,000 records
- 1.17m rows of data
- PDF documents

## Findings

- \$34bn spent in 8 years
- Aid increased 1,965%
- 20 companies benefited most

# International Corporate Transparency

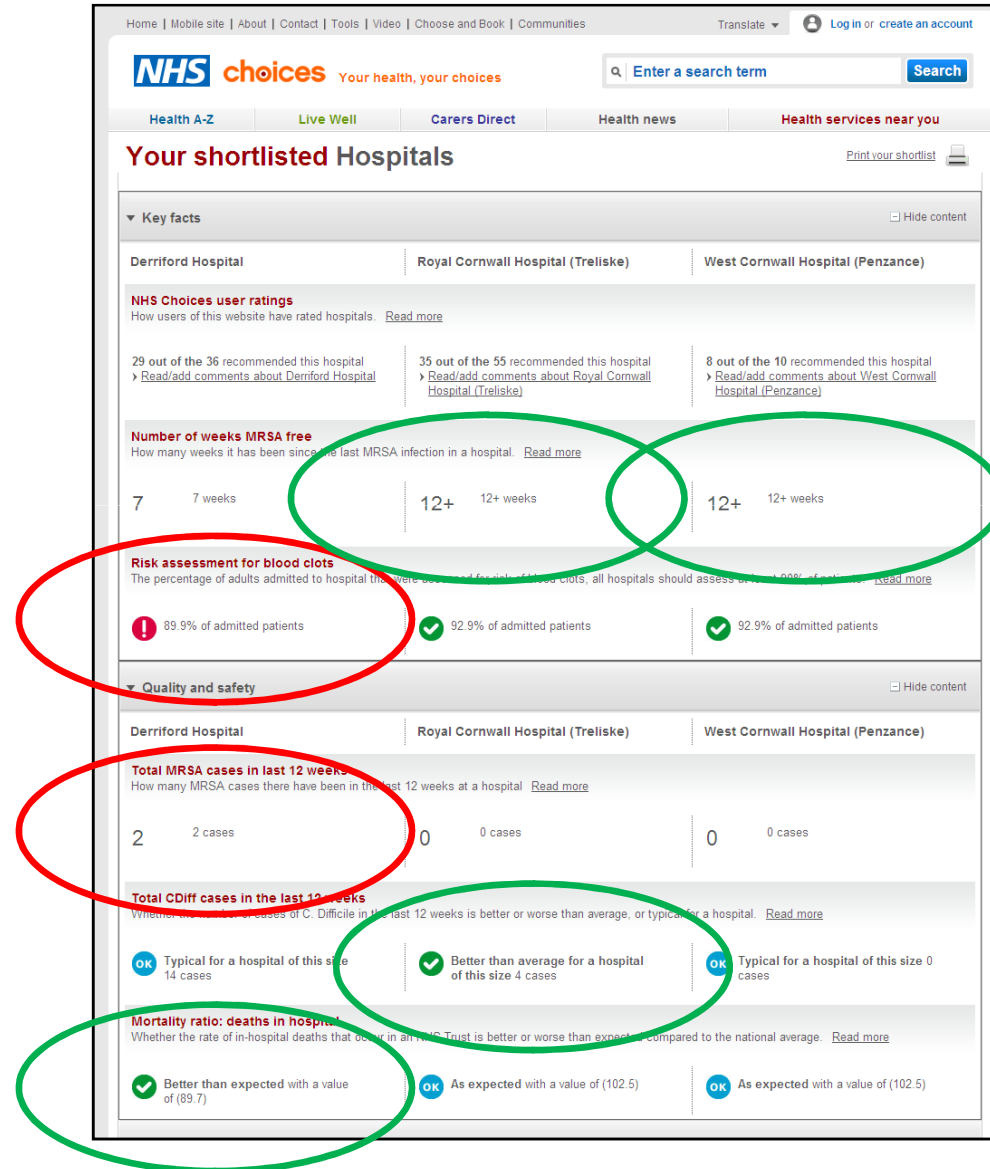






# Improved public services

# Hospital infections down 85% after 4 years



## 1000 fewer heart surgery deaths each year





# More Efficient Government

# Public institutions can get their own data (!)



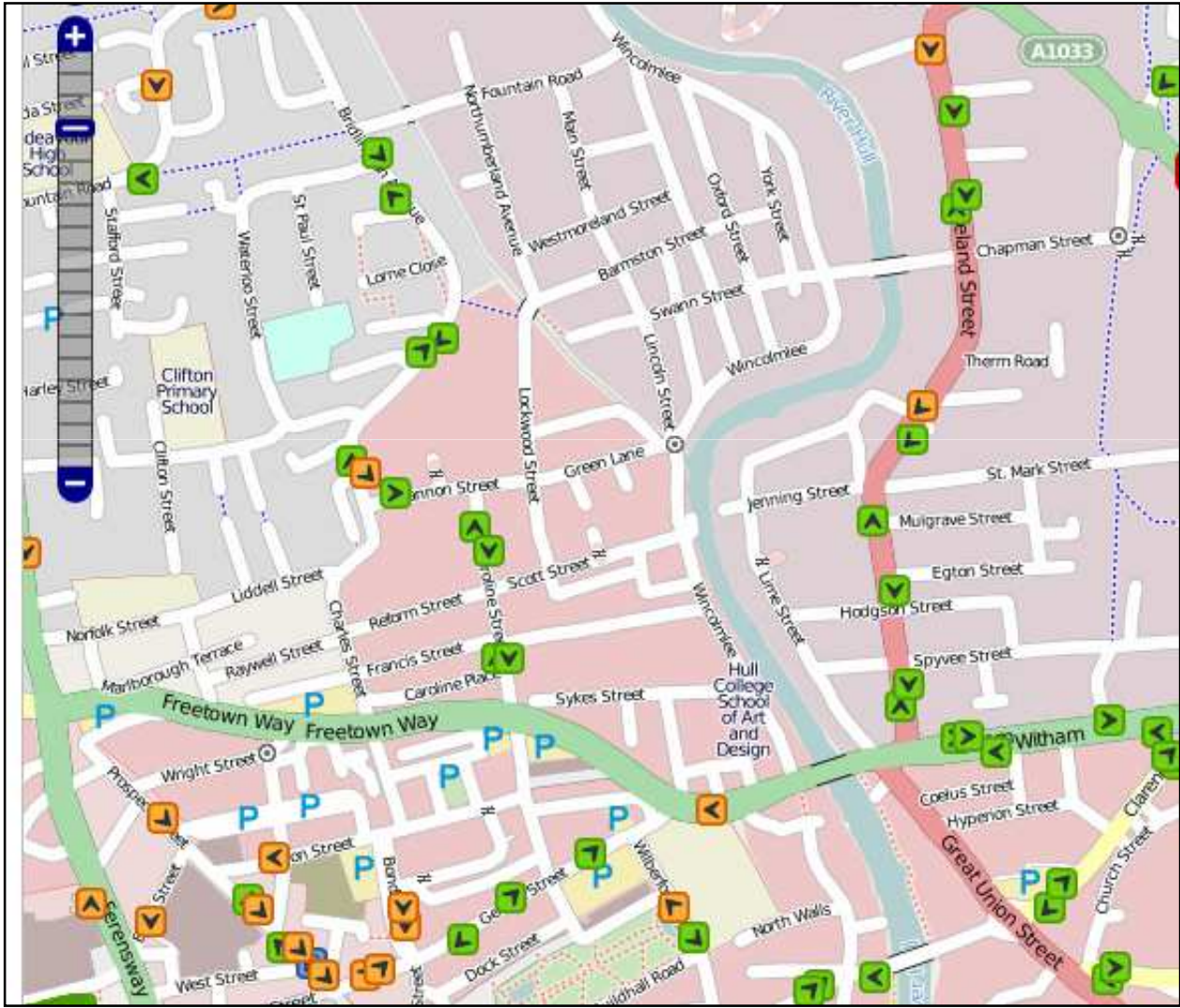
The image is a screenshot of the DataBC website. At the top left is the British Columbia logo, featuring a sun rising over mountains. To its right is the text "BRITISH COLUMBIA". Further right is the "DataBC" logo. Below the logos is a map of a coastal region with a label "Campbell River". A dark grey overlay box is positioned over the map, containing the following text:

**Geographic Services**

Discover, view, analyze and locate data using DataBC's geographic tools and services.

-  **Learn more about geographic services**
-  **Learn about iMapBC**

# Others can help improve government data



## The Importance of Open Data

**New Economic and Social Value**

**Greater Transparency**

**Improved public services**

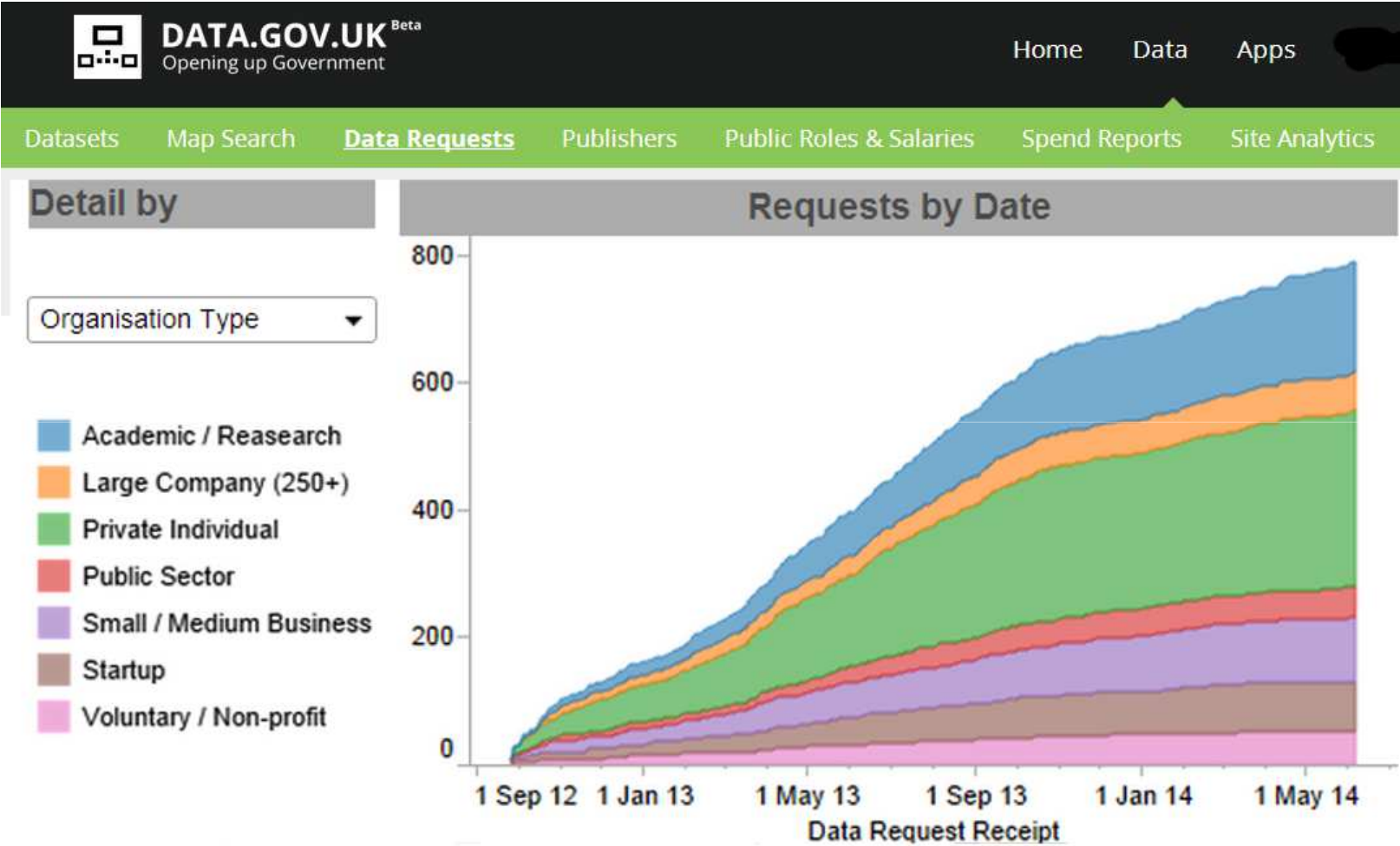
**More Efficient Government**



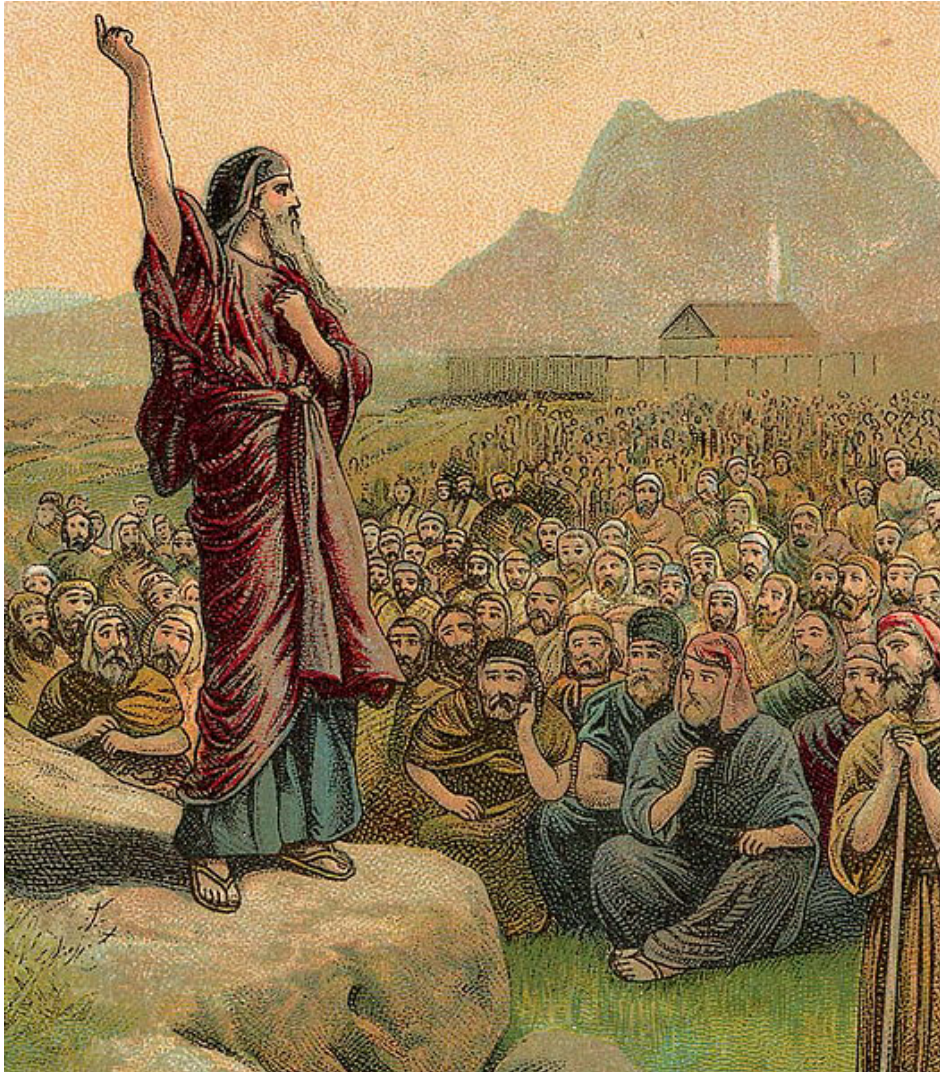
**The most successful  
Governments play  
four roles in Open Data**



# Government as Supplier



# Government as Leader



# Government as Catalyst

A HEALTH DATA CONSORTIUM EVENT

# HEALTH DATAPALOOZA™

time left: 316 days

About Sponsors/Exhibitors 2014 Program Book 2014 Archives News

**Check out Health Datapalooza videos of the event**

1 2 3 >

TODD P. UNITED STAT

This screenshot shows the top portion of the Health Datapalooza website. It features a dark blue header with the event name in large, bold letters. A navigation bar below the header contains links for 'About', 'Sponsors/Exhibitors', '2014 Program Book', '2014 Archives', and 'News'. A main content area on the left has a white background with a blue and orange text box that says 'Check out Health Datapalooza videos of the event'. Below this text are four circular icons numbered 1, 2, 3, and a right-pointing arrow. To the right of the text is a video player showing a man in a suit, with an American flag in the background. The name 'TODD P. UNITED STAT' is partially visible at the bottom of the video player.

# Knowledge for everyone

The Open Data Institute

Open Data in a Day  
Tuesday 25 March 2014  
COURSES

ODI Fridays:  
So you want to  
build an open  
data business?

Show me the  
future of Open

ODI accelerates government  
open data expertise with new  
funding  
The ODI  
21 February 2014  
NEWS

This screenshot shows the Open Data Institute (ODI) website. The header features a colorful, abstract geometric background with the text 'Knowledge for everyone' in white. Below the header is a black bar with the text 'The Open Data Institute'. The main content area is a grid of four rectangular boxes. The top-left box is light blue and contains the text 'Open Data in a Day Tuesday 25 March 2014 COURSES'. The top-right box is light blue and contains the text 'ODI Fridays: So you want to build an open data business?'. The bottom-left box is green and contains the text 'Show me the future of Open'. The bottom-right box is grey and contains the text 'ODI accelerates government open data expertise with new funding The ODI 21 February 2014 NEWS'. A small map icon is visible at the bottom of the 'ODI Fridays' box.

# Government as User

The screenshot shows the INSPIRE GEOPORTAL website. At the top left is the European Commission logo. The main header reads "INSPIRE GEOPORTAL" and "Enhancing access to European spatial data". A navigation bar below the header shows "EUROPEAN COMMISSION > INSPIRE > INSPIRE GEOPORTAL". In the top right corner, there are links for "Contact | Search | Legal notice" and a language selector set to "English (en)".

The main content area features a "Welcome to the INSPIRE geoportal" message with a "More..." link. Below this is a "Discovery / Viewer" section with a map of Europe and a "More ..." link. To the right is a "Validator" section with a "More ..." link. At the bottom is a "Metadata Editor" section with a "More ..." link. The background is a map of Europe with various cities labeled.

**Welcome to the INSPIRE geoportal**  
The INSPIRE Directive requires the Commission to establish a community geo-portal and the Member States shall provide access to their infrastructures through the geo-portal as well as through any access points they themselves decide to operate.  
[More...](#)

**Discovery / Viewer**  
Search, discover and access geographic information provided by European governmental, commercial, and non-commercial organizations.  
[More ...](#)

**Validator**  
The purpose of the INSPIRE Metadata Validator is to test the compliancy of INSPIRE metadata with the INSPIRE Metadata Regulation.  
[More ...](#)

**Metadata Editor**  
Create metadata according to the INSPIRE implementing rules.  
[More ...](#)

```
<?xml version="1.0" encoding="UTF-8" ?>
<DocInfo xmlns="http://www.isotc211.org/2005/gmd" >
  <Title>
    </Title>
  </DocInfo>
</xml>
```



**Thank you**

