

# The Potential of Open Data



Open Knowledge  
Foundation

Promoting open knowledge in the digital age

**Dr. Marcus M. Dapp, Foundation Coordinator**

**A glimpse of what would be possible ...**



# Wouldn't it be great to have more ... accountability?

## WHERE DOES MY MONEY GO?

Showing you where your taxes get spent

The Daily Bread

Country & Regional Analysis

Departmental Spending

About

### The Daily Bread Costs for the British Taxpayer per Day

SALARY

£10,000

SELECT YOUR SALARY

£

YOUR TAX

£4,000

Running  
Government



£0.90

Defence



£0.67

Health



£2.00

Helping Others



£3.71

Running The  
Country, Social  
Systems



£0.88

Education



£1.50

Order & Safety



£0.61

Culture



£0.24

Our Streets



£0.27

The Environment

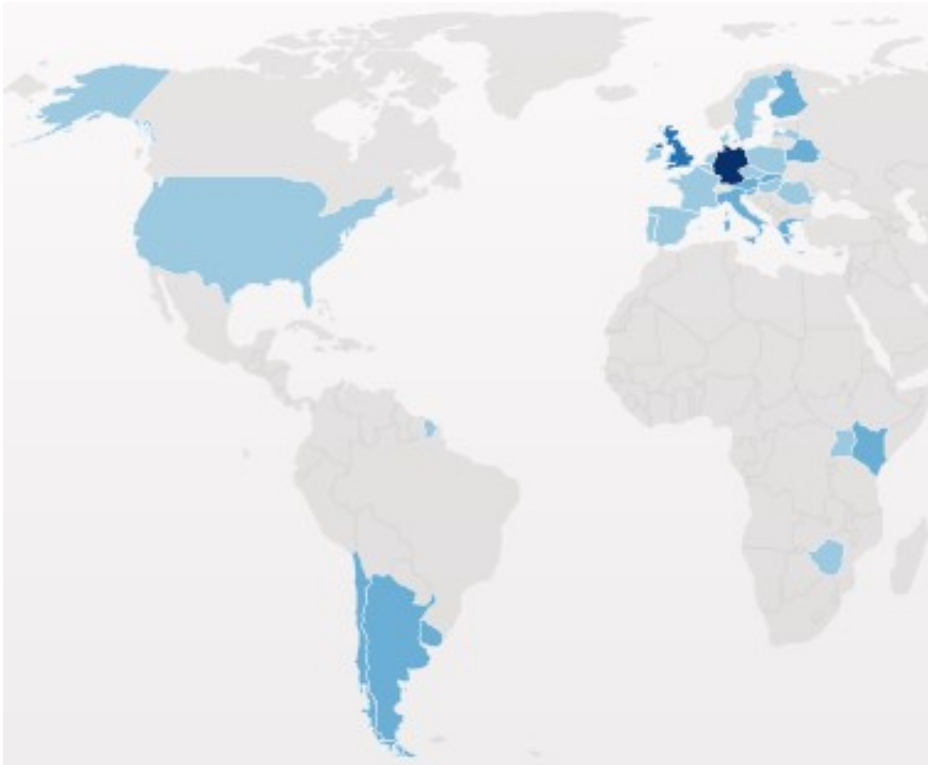


£0.18

<http://www.wheredoesmymoneygo.org/>



# Wouldn't it be great to have more ... **transparency?**



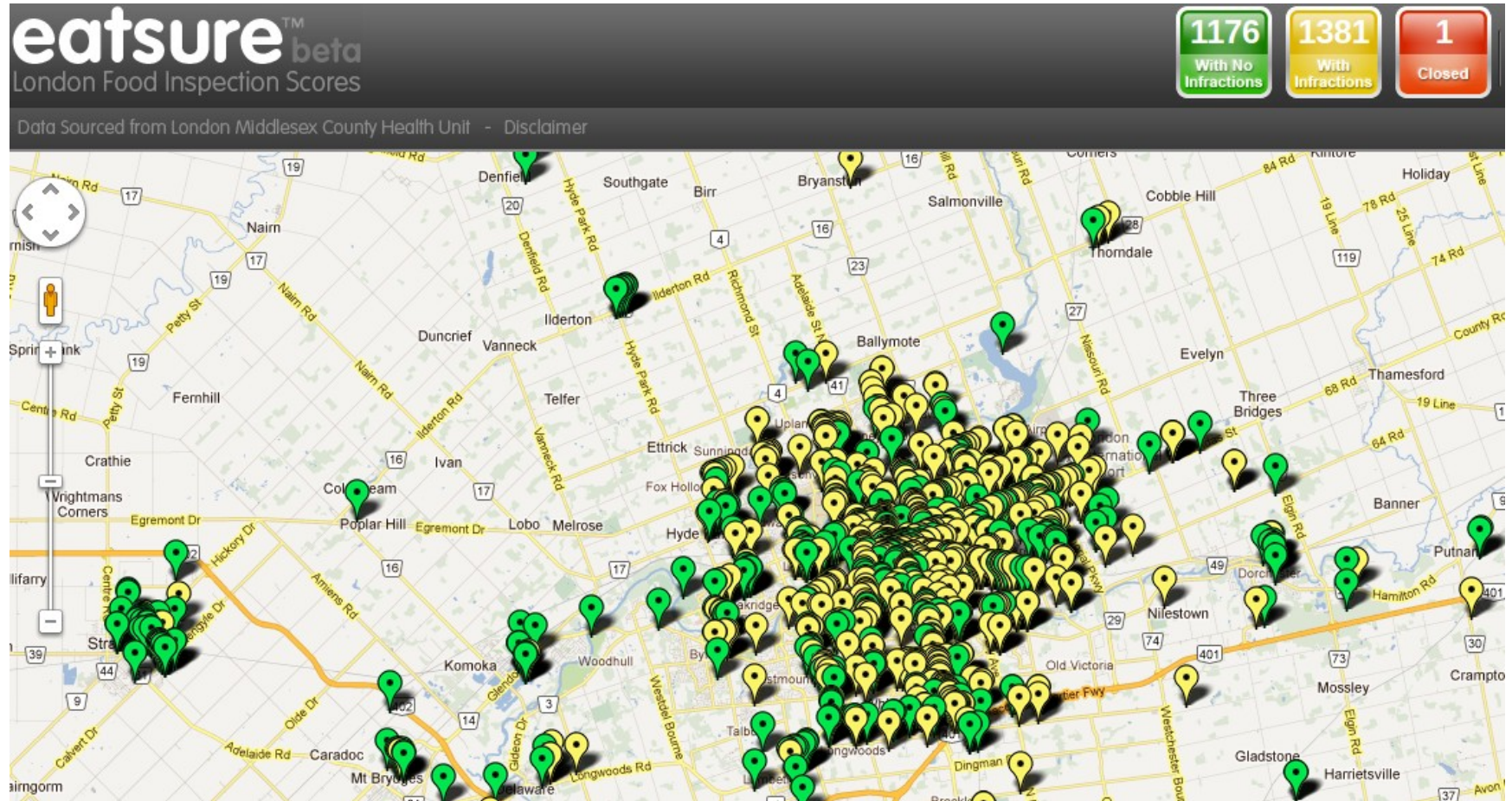
Our aim is to track every government and corporate financial transaction across the world and present it in useful and engaging forms for everyone from a school-child to a data geek.

We're an open community that anyone is invited to join! We're looking for researchers, coders and citizen activists to join us and to help gather and understand financial data.

<http://www.openspending.org/>



# Wouldn't it be great to have more ... (health) safety?



<http://www.eatsure.ca/>



# Wouldn't it be great to have more ... social inclusion?



[Log in](#) | [Sign up](#) | [What is wheelmap?](#) | [Press](#) | [Imprint](#) | [Feedback](#) | [News](#)

Berlin

find

or

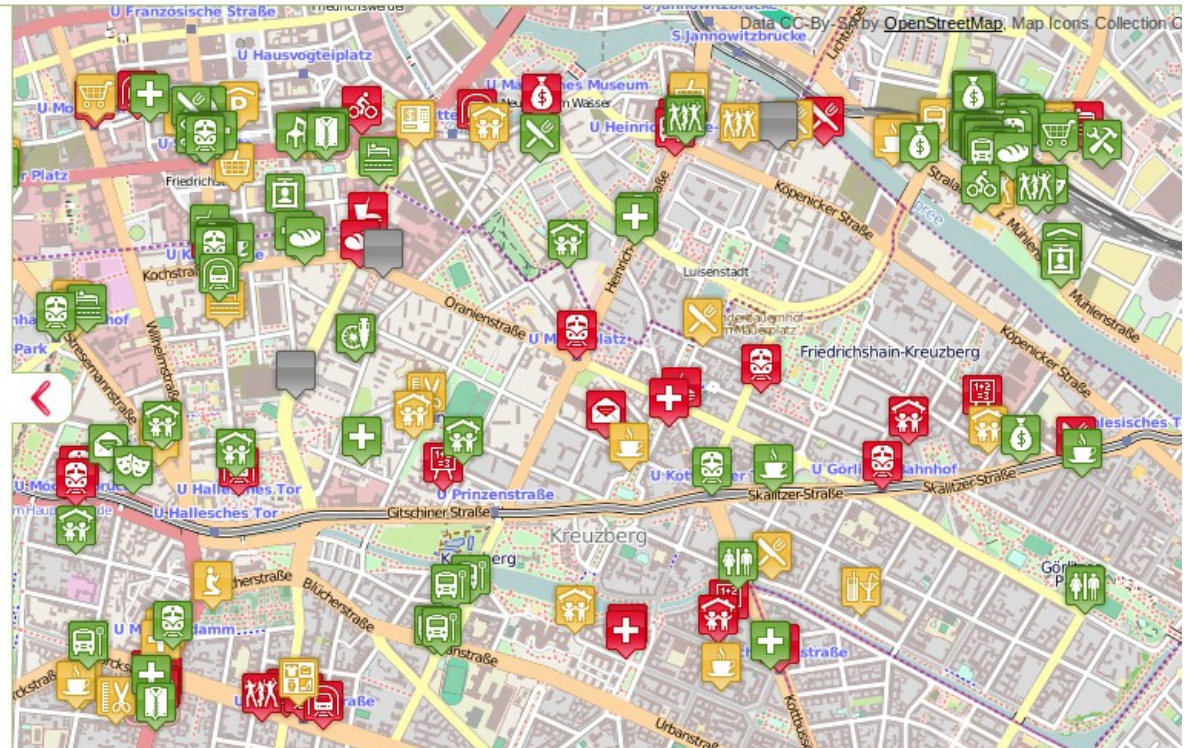
Add another place

## Wheelchair accessible?

- Yes:** Entrance without steps, all rooms without steps, accessible toilet
- Limited:** Entry has a step (max. height 7cm), most rooms are without steps, toilet is not accessible
- No:** Entry has steep or several steps, rooms are not accessible
- Unknown:** Help by mark places! [How?](#)

## Choose category

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Accomodation    | <input checked="" type="checkbox"/> Bank post |
| <input checked="" type="checkbox"/> Education       | <input checked="" type="checkbox"/> Food      |
| <input checked="" type="checkbox"/> Government      | <input checked="" type="checkbox"/> Health    |
| <input checked="" type="checkbox"/> Leisure         | <input checked="" type="checkbox"/> Misc      |
| <input checked="" type="checkbox"/> Public transfer | <input checked="" type="checkbox"/> Shopping  |
| <input checked="" type="checkbox"/> Sport           | <input checked="" type="checkbox"/> Tourism   |



<http://wheelmap.org/> based on <http://www.openstreetmap.org>



The value of data lies in its use.  
These use examples are only possible with **open data**.

More examples: [www.opendata-showroom.org](http://www.opendata-showroom.org)



# What is »data«?

- NOT software/»apps«
- NOT creative content (copyright works)
- Bits of information, but NOT personal data
- Types: Geospatial, financial, environmental, etc.





# What does »open« mean?

*»... if anyone is free to use, reuse, and redistribute it ...«*

Really »anyone«

Legal: Open data/content licenses  
Technical: Open data formats

More help: [www.opendefinition.org](http://www.opendefinition.org)

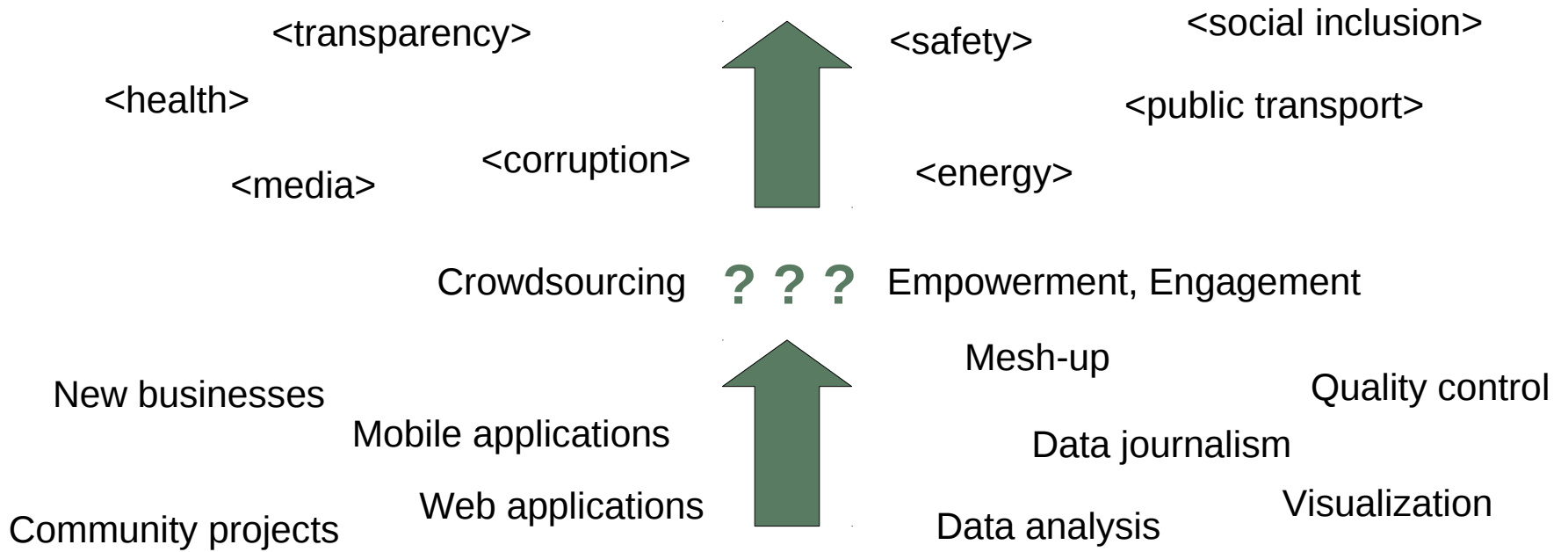


# Ten principles of Open Data

- Completeness
- Primacy
- Timeliness
- Ease of Physical and Electronic Access
- Machine readability
- Non-discrimination
- Use of Commonly Owned Standards
- Licensing
- Permanence
- Usage Costs



# Creating value through open data



Open the data legally and technically !



# Success factors

- Create a central open data portal
  - OKF is proud to provide SW for [data.gov.sk](http://data.gov.sk).
- Publish as much relevant data as possible!
  - Ask civil society and corporate sector for input
- Foster/Motivate active use of open data
  - »data startups«
  - community-crowdsourcing
  - data journalism
- Change contracts so govt owns contract work
  - Publish that, too.



# Help from the Open Knowledge Foundation

- Non-profit NGO since 2004
- Use leading open data software
  - Free and Open source tools, powering:
  - Top users: EC, UK, SK, ... Vienna, Berlin, etc.
- Get consulting/advice
  - Government, administrations, nat'l/local level
- Join our global online working groups
  - 20 topics, from Government to Economics
- Attend events
  - OK Festival = OKCon + OGDCamp, Sep. Helsinki



**Thank you.**

**General Information: [www.okfn.org](http://www.okfn.org)**  
**Projects and software: [www.okfn.org/projects](http://www.okfn.org/projects)**  
**Working groups: [www.okfn.org/wg/](http://www.okfn.org/wg/)**



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