



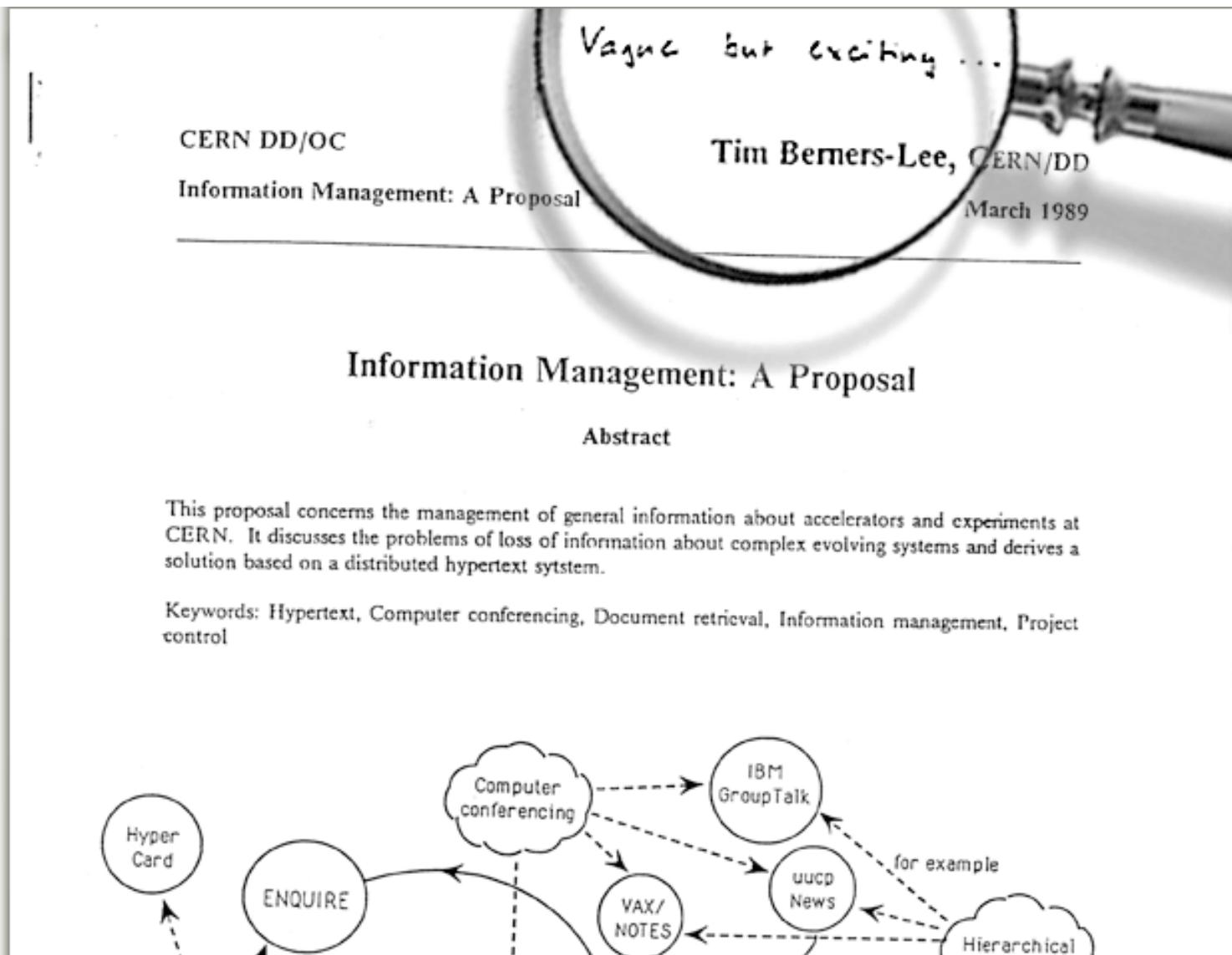
Where is the Gold in Open Data?

Bozen-Bolzano, September, 2013 · ulrich atz · @statshero



THIS IS FOR EVERYONE



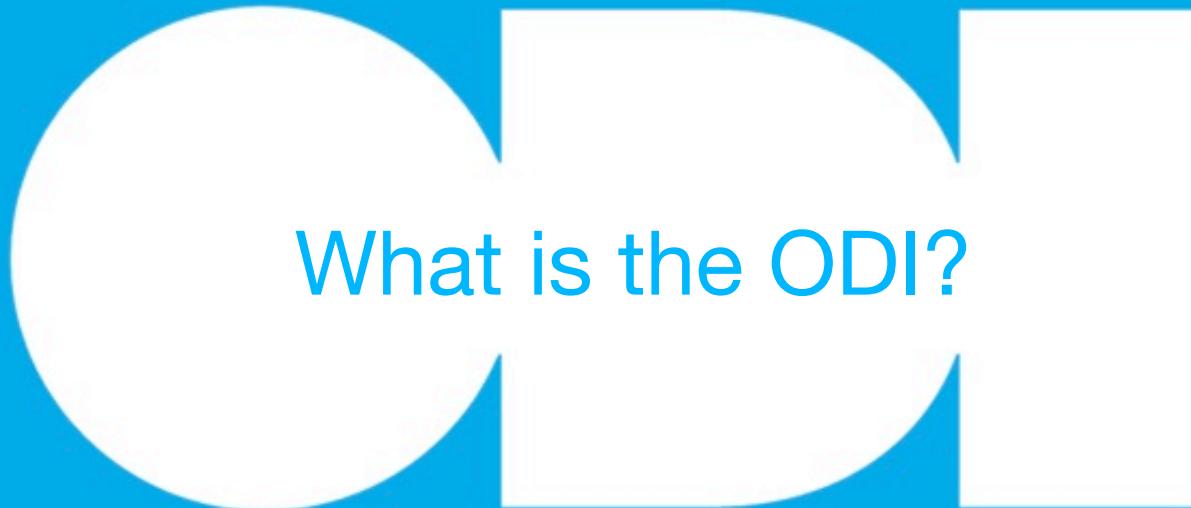


[http://info.cern.ch/
Proposal.html](http://info.cern.ch/Proposal.html)



**Open data can help us address
the greatest challenges of our time
and generate value for everyone.**



The ODI logo consists of the letters "ODI" in a bold, black, sans-serif font. The letter "O" is a solid circle, the letter "D" is a vertical rectangle with a diagonal cut, and the letter "I" is a horizontal rectangle.

What is the ODI?

We are convening a community



10 Startups

MASTODON C



BIG DATA DONE BETTER

opencorporates

Locatable

CARBON
CULTURE.
Join in, team up, make a difference

HB
Honest Buildings

transport API
powering change and innovation in transport

Demand
LOGIC

PROVENANCE

Spend Network

O
OPENBANKPROJECT



36 Members

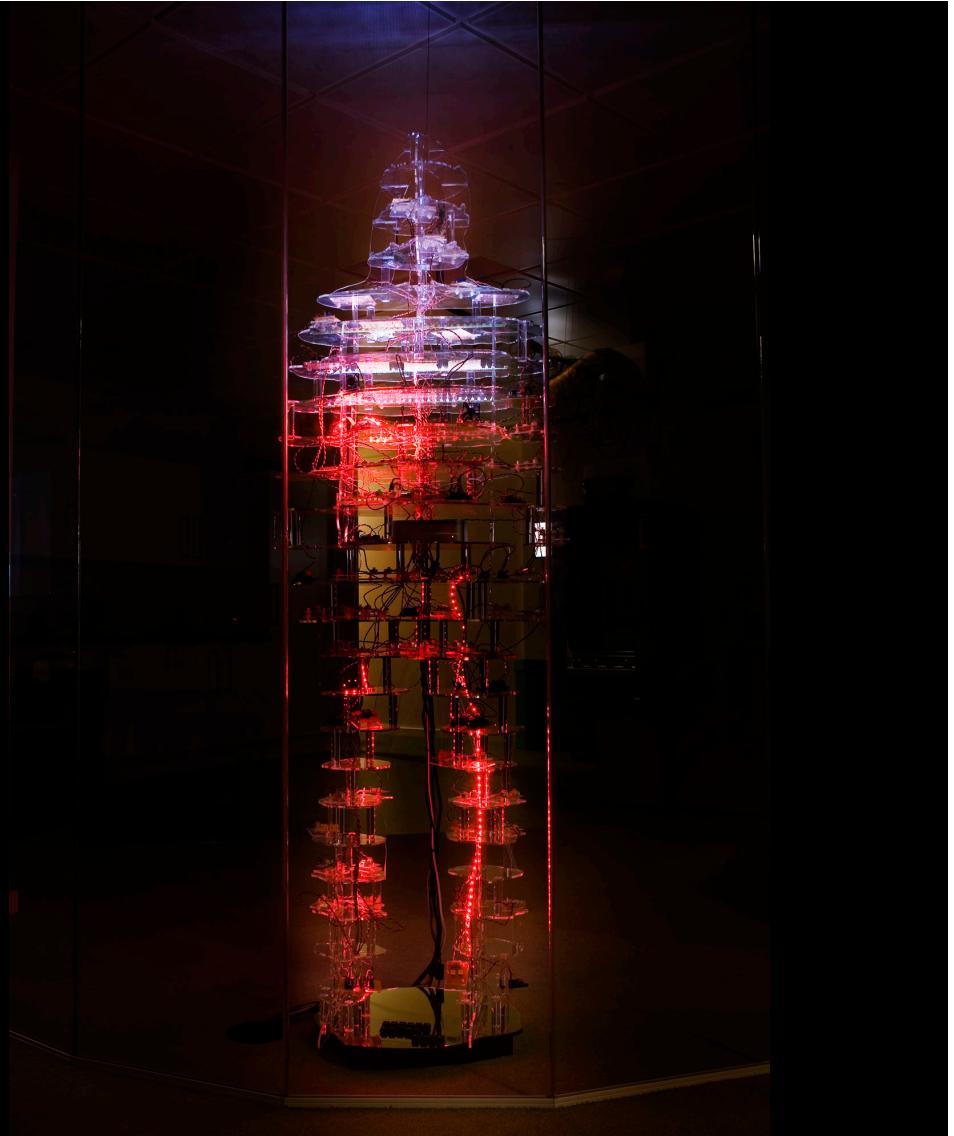


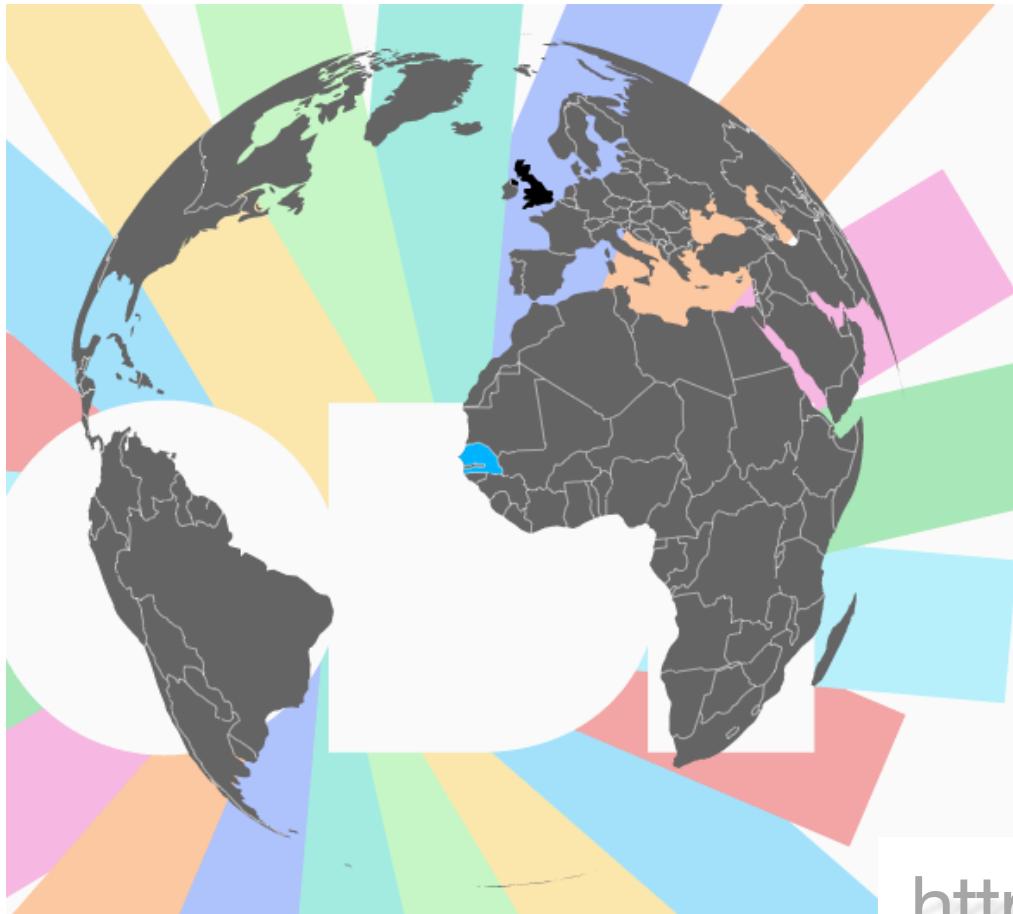
Quanta Computer



data as culture

Stanza: Body 01000010011011110110010001111001





Where can you create certificates?

Different countries have different laws, so their certificates are slightly different too. Choose your country to create the right certificate.

Senegal

Create a certificate

SN alpha

This certificate hasn't been properly [localised](#) yet, and we need your help! Please contact certificate@theodi.org

Legend

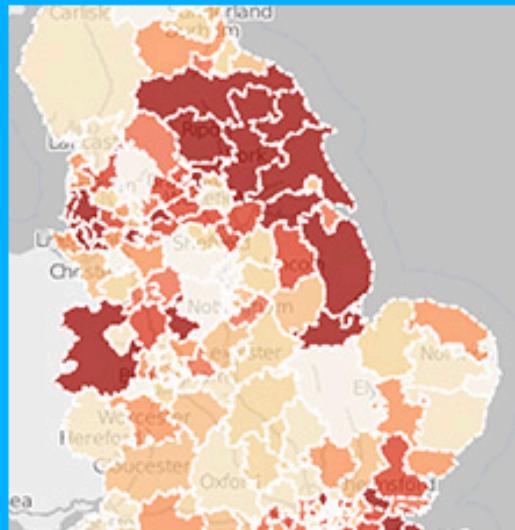
[Certificate in alpha stage](#) [Certificate in beta stage](#) [Certificate in final stage](#)

<http://certificates.theODI.org>

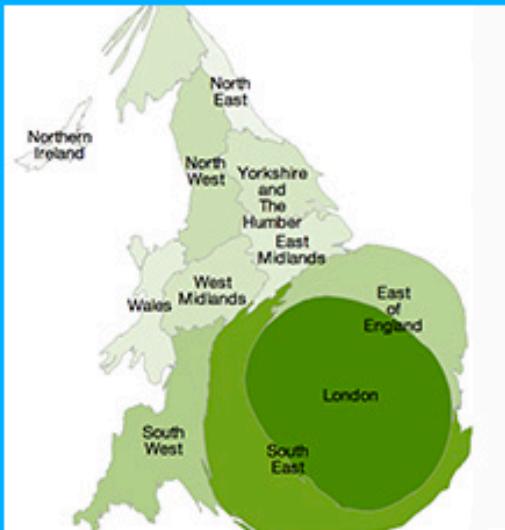


The first **robust quality badge** for open data

Open Data Stories



**Prescribing
Analytics**



**Show me
the money**



**Open
Corporates**

A collaboration with the World Bank



THE WORLD BANK
Working for a World Free of Poverty



ABOUT

DATA

RESEARCH

LEARNING

NEWS

PROJECTS & OPERATIONS

PUB

News

This page in: English

PRESS RELEASE

New Partnership Seeks to Bring Benefits of Open Data to Developing Countries



1. Economic value

“Transparency Drives Prosperity”

Open Government Partnership

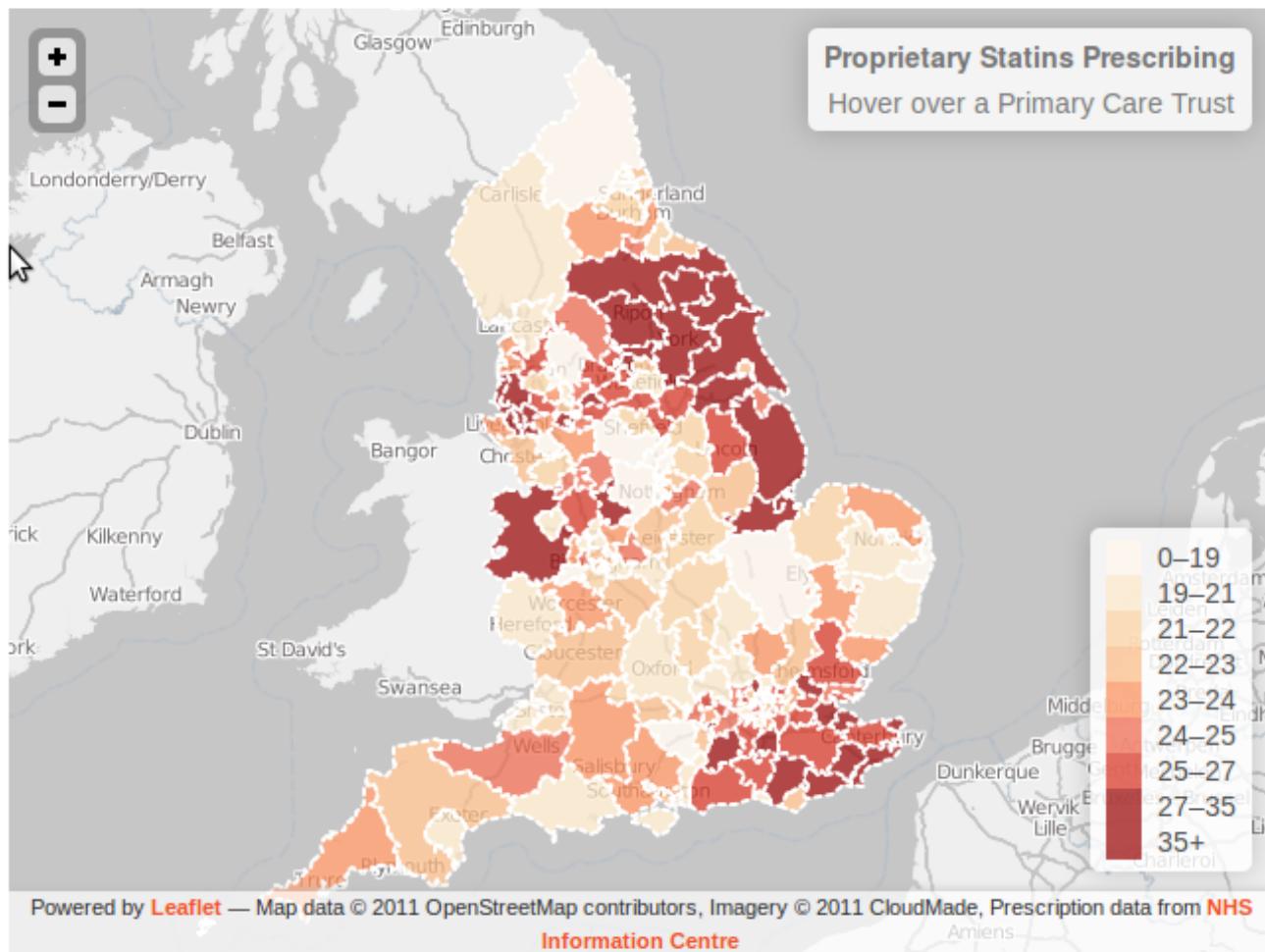


Prescribing Analytics

Open Data found a £200m saving in
the NHS budget.



Percentage of proprietary statin prescribing by CCG Sep 2011 - May 2012



WHAT IS DATA?



Data is the raw material of the
information age.



“Data is the New Oil”



kenhodge13 (40132991@N07) on flickr.com



But data is not oil!

- data is a non-rival good
- marginal cost of distribution
- falling cost of analysis (“refinement”)

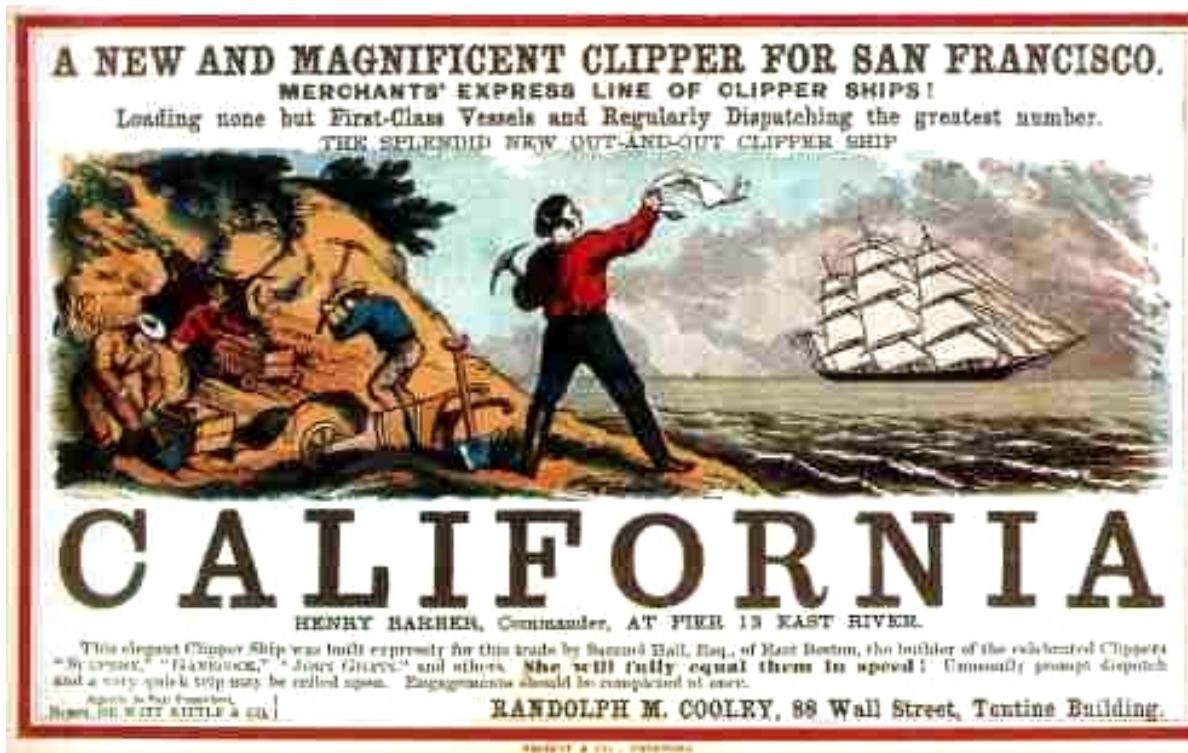


More like gold than oil?



<http://www.flickr.com/photos/48806909@N00/497511638/>

A new gold rush



2. Social value

*“The Internet is changing
the way we think.”*

Al Gore

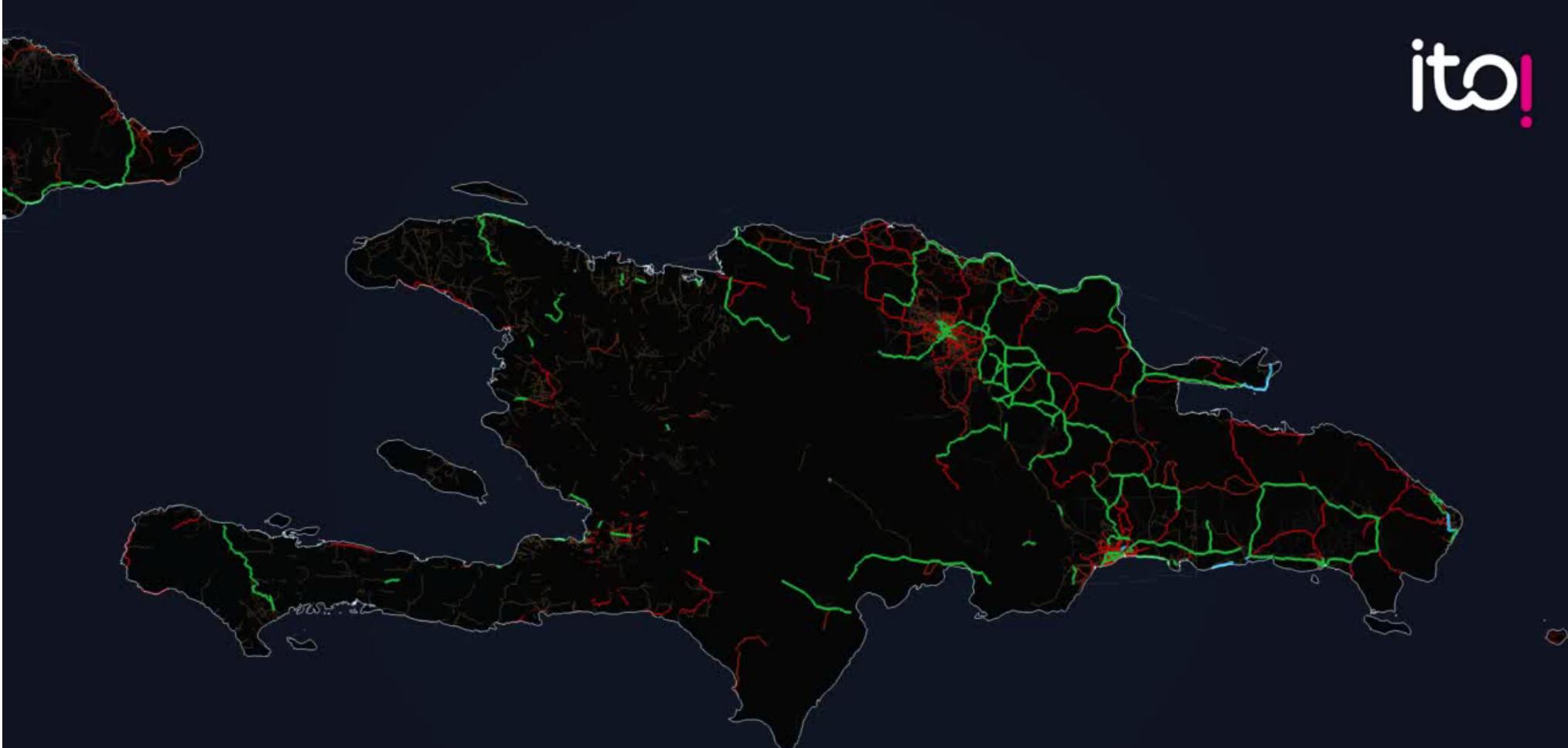


Open data supports collaborative ecosystem

OpenStreetMap - Project Haiti



<http://vimeo.com/9182869>



ito!

9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 January 2010

<http://vimeo.com/9182869>

OpenStreetMap

CC-by-SA www.itoworld.com
Map data www.openstreetmap.org 31 Jan 2010



L'Aquila, 06. April 2009, 5.9 Richter scale

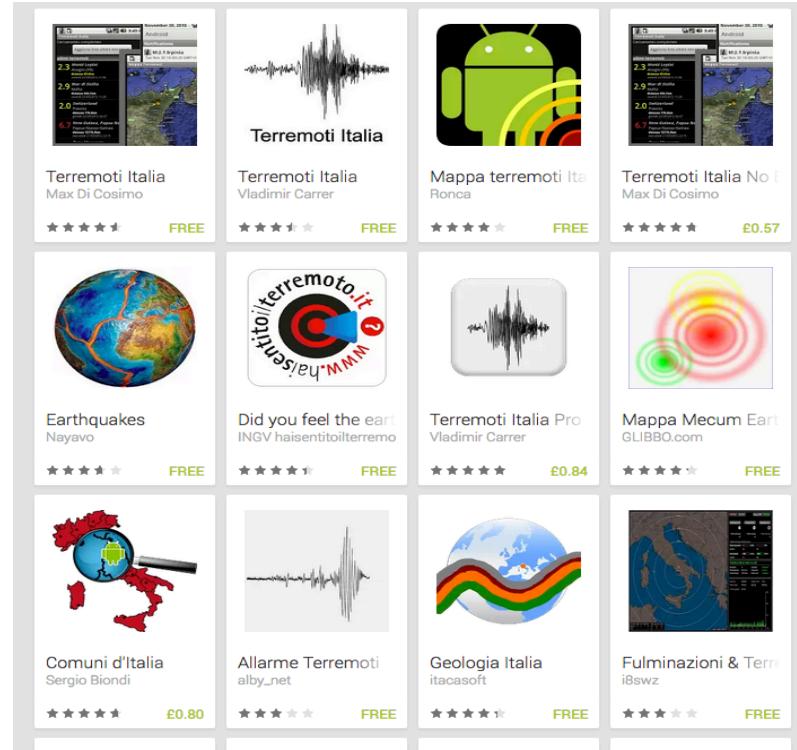
A triple tragedy

- 1. People:** 297 died
- 2. Science:** On 22 October 2012, six scientists and one ex-government official were convicted of multiple manslaughter.
- 3. Society:** Who will trust official earthquake warnings now? Alarmism?



An open data response

A flood of apps, which allow the user to directly access open data about tremors, earthquakes and related statistics.



One app among other successful ones!

Reviews

4.6

5,063 total

Rating	Count
★ 5	3,594
★ 4	1,130
★ 3	224
★ 2	51
★ 1	64

Eccellente Molto bello perche' arriva subito una notifica.
Madan Lal ★★★★★

Ottimo Funziona perfettamente e riporta anche quelli all'estero se di una certa entità. Gran buon lavoro..
Flaminia M. F. Roselli ★★★★★

Additional information

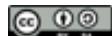
Updated
May 14, 2013

Size
479k

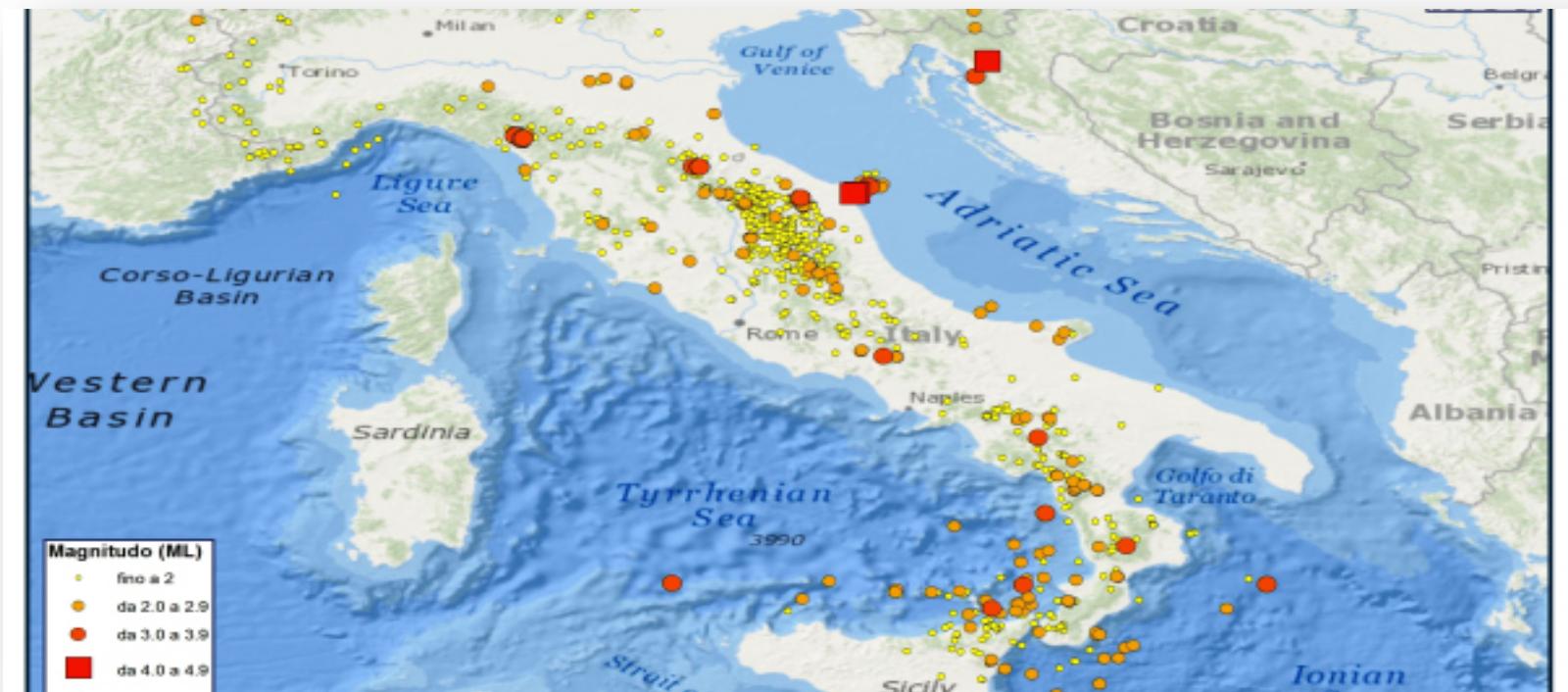
Installs
100,000 - 500,000

Content Rating
Low Maturity

Contact Developer
[Visit Developer's Website](#)
[Email Developer](#)



Is it making people obsessive?



What is relevant information? E.g., you won't even feel the yellow dots.



All open data are good, but some are better.

Even with the superpowers of open data we cannot predict earthquakes – **but we can influence buildings.**





2012 another earthquake in Emilia-Romagna – 5.9 Richter scale



Mario Fornasari at <http://flickr.com/photos/76474729@N02/7251352892>



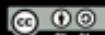
Photo: Michele Miorelli/Shoot4Change



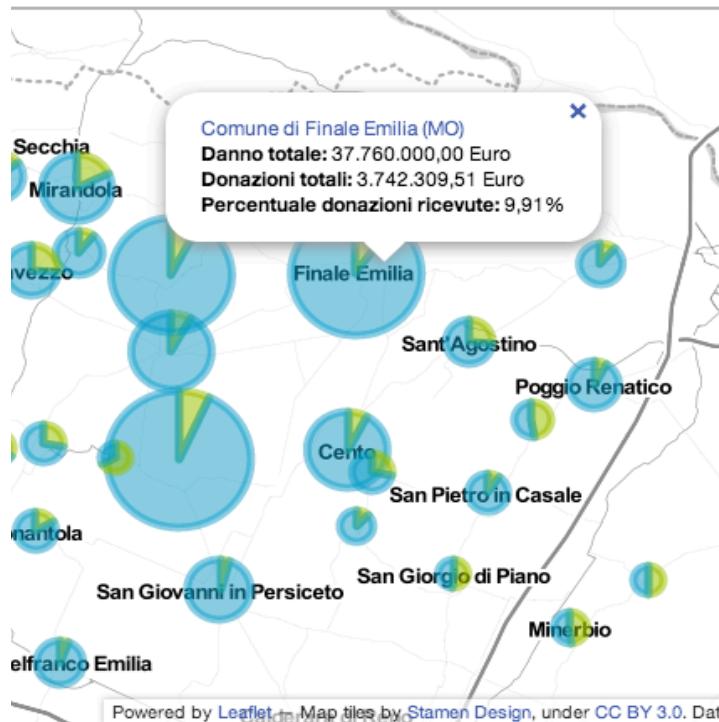
This time a different open data response



Open Ricostruzione



Open ricostruzione – donations for rebuilding affected communities



“There needs to be greater awareness of the vulnerability of the houses we live in and the buildings we work in and, where appropriate, they should be made safer.”

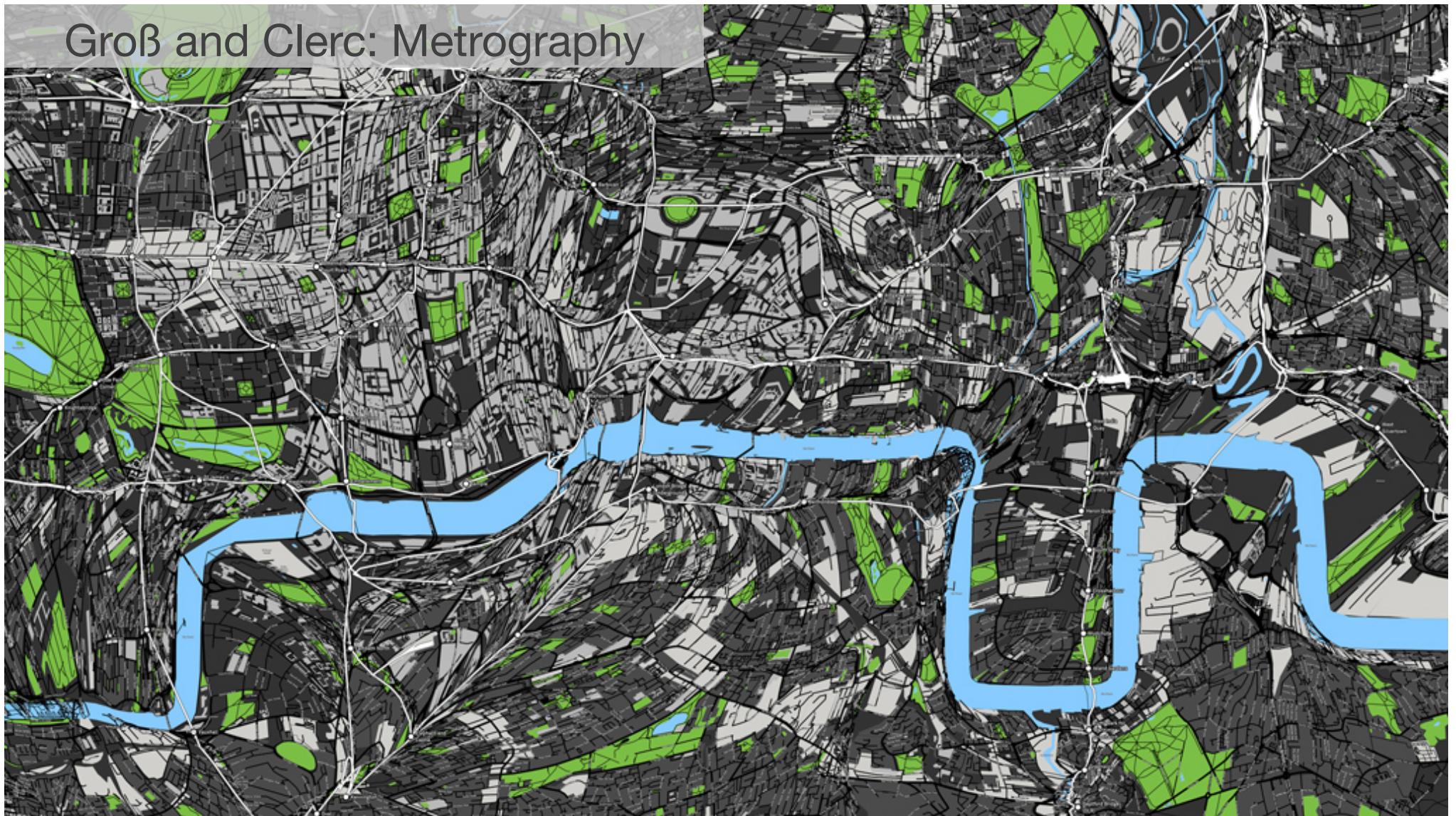
<http://www.openricostruzione.it/>



1,500,000,000 people live in
earthquake zones.



Groß and Clerc: Metrography



3. Environmental value

“I got it wrong on climate change – it's far, far worse.”

Nicholas Stern



Our energy use



London City Hall

This graph allows everyone to access a range of data from our offices at London City Hall. It's generated in real-time from data taken every 5 seconds from the on-site meters.

For the week commencing midnight on 25 Apr, London City Hall has used:

58,642 kWh

Energy use

58,642kWh in Electricity

0kWh in Gas

Average 349kWh per hour

£7,037

Energy cost

£7,037 from Electricity

£0 from Gas

Average £41 per hour

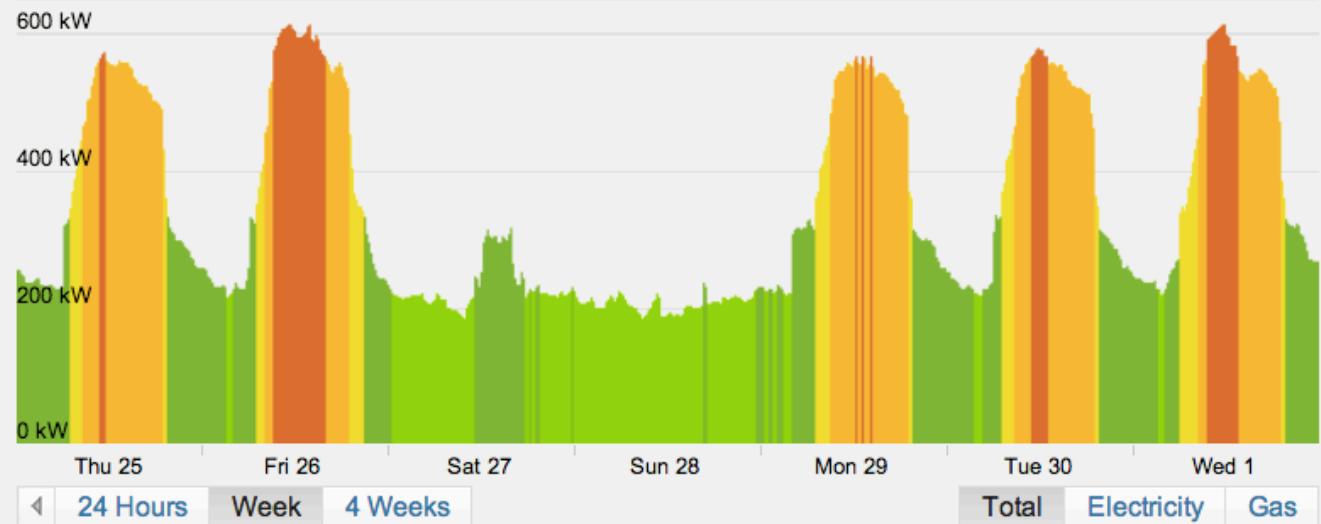
30,765 kg

Carbon impact

30,765kg for Electricity

0kg for Gas

Average 183kg per hour



Ellie Harrison: Vending Machine



Thank you!



Email: ulrich@theodi.org · Twitter: [@statshero](https://twitter.com/statshero)

