



Open Data in Action

Trento, March, 2014 · **ulrich atz** · @statshero



Definition of Open (ODI)

Open data is information that
is **available** for **anyone** to
use, for **any purpose**, at **no**
cost.



Burgeoning supply of global open data



Population
Education
Health
Crime, Law
Housing
Transportation
Media
Personal data-shadows



Maps / geographic
Terrain / land-use
Weather / climate
Water / hydrographic
Farming / species
Pollution / ecosystems
Materials / resource scarcity

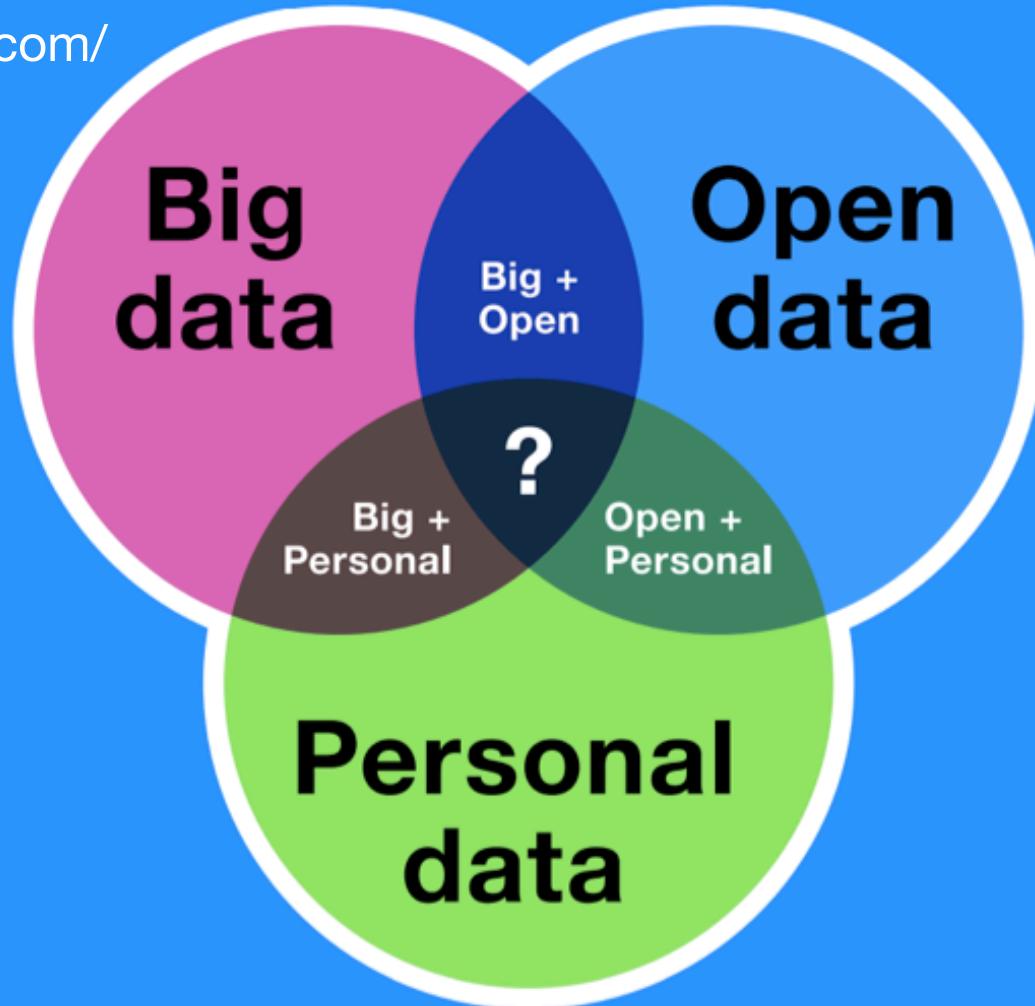


Corporate ownership / tax
Public sector transactions
Peer-to-peer lending
Open procurement
Market information (e.g. commodities)
Asset registers (e.g. stranded assets)
Supply-chain transactions
Personal spending

'\$3 trillion potential annual value...'
(McKinsey Global Institute
Oct 2013)



[https://github.com/
theodi/data-
definitions](https://github.com/theodi/data-definitions)



Catalyzing open data culture

Reach
Impact
Engagement

Capacity
Standards
Start-ups

Evidence - inspiring stories
Events & Membership
International collaboration

Training
Research
Development



We are convening a community



60 Members



Quanta Computer



:snips

1OC
Open



ARUP



A collaboration with the World Bank



THE WORLD BANK
Working for a World Free of Poverty

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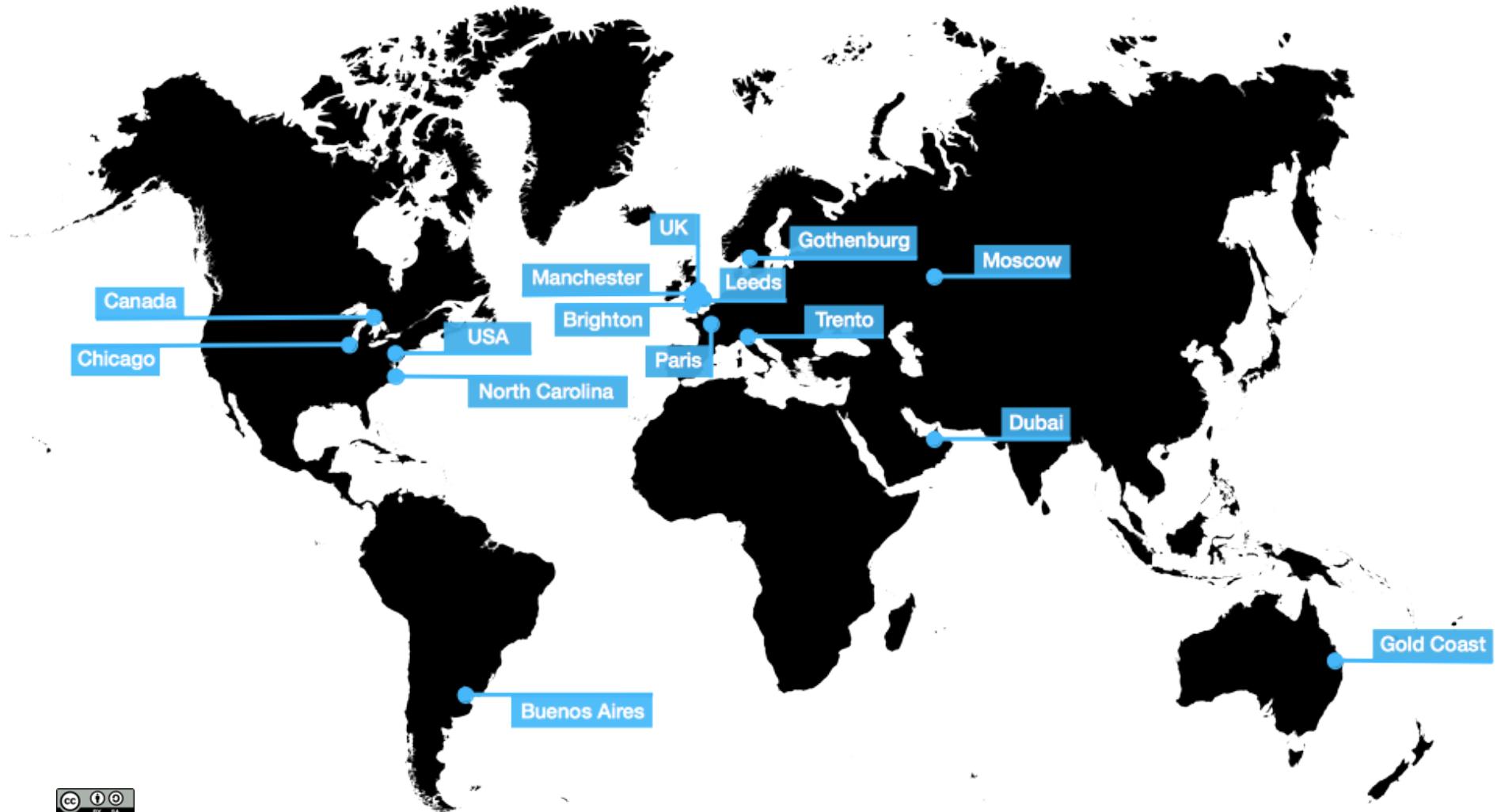
News

This page in: [English](#)

PRESS RELEASE

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





ODI Nodes

ODI Nodes connect the organisations that support open data projects and people



Businesses + Universities + NGOs



=



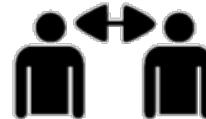
Supporting local, national and international impact



Country Node
Country-lead, close to
government,
independent



City or Region Node
Deliver projects, training,
research, and development



Communications Node
Amplify use-cases to,
and from, around the
world



Economic

“Without money, there is no sustainability.”

Beyond Transparency 2013



The Climate Corporation: sold for \$1.1bn in October 2013

CLIMATE | BASIC

Better Data. Better Decisions.

The most advanced way to get insight into your fields.

Weather Tracker Alerts Scouting & Notes

[LEARN MORE »](#)

HOMESTEAD

POTENTIAL YIELD (ESTIMATE)
155
145 (BASIC)
120

HARVEST DATE
Sept 21

GROWTH STAGE
R6

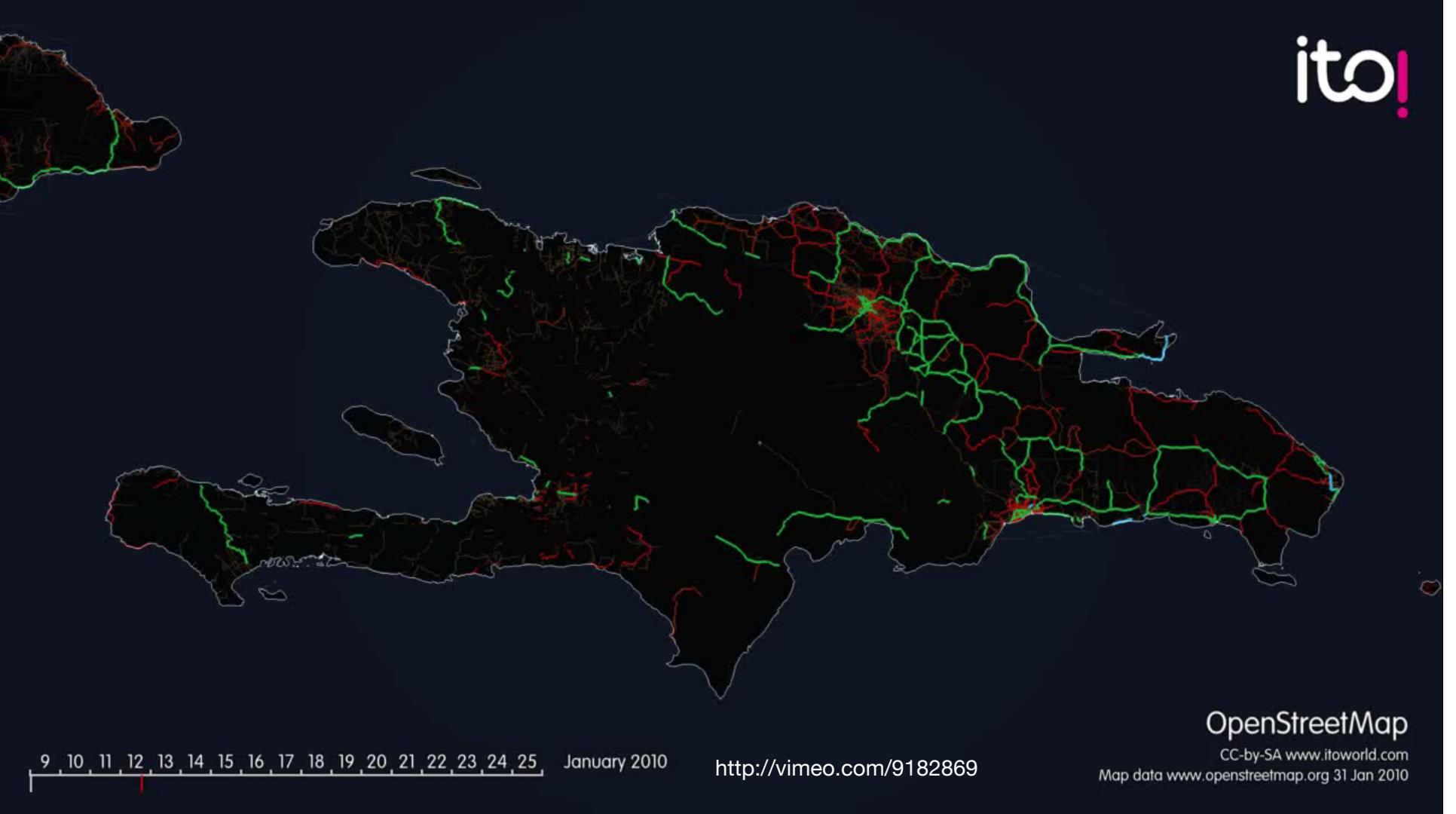
PRECIP LAST 72H
0.65"

Social

“What happens to cities that do not become smart? They will die.”

*Kevin Ashton (*Internet of Things*)*





iTO!

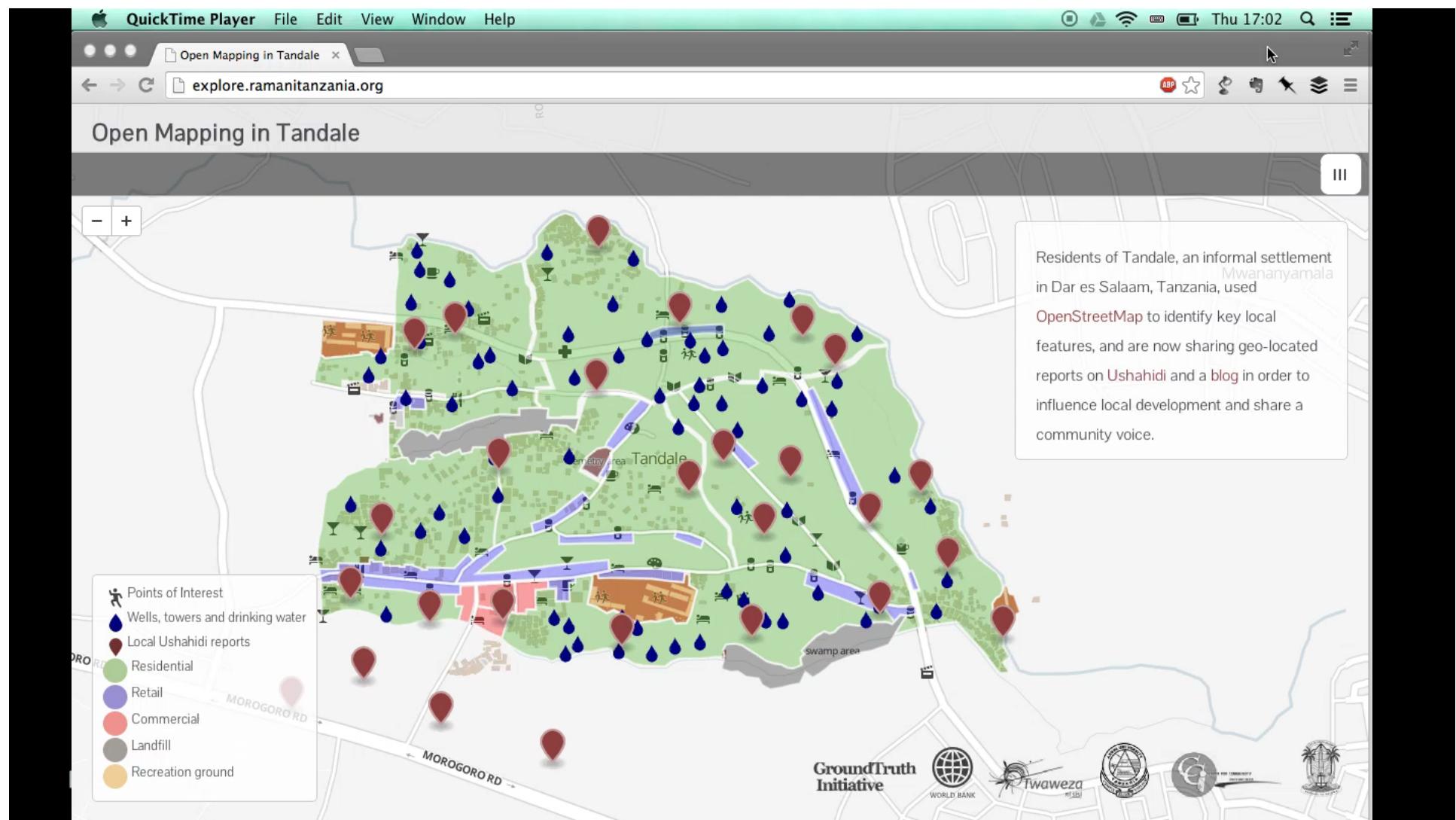
OpenStreetMap

CC-by-SA www.itoworld.com

Map data www.openstreetmap.org 31 Jan 2010

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

<http://vimeo.com/9182869>



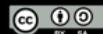
Environmental

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

Nicholas Stern



Monitoring the rain forest with open satellite images



Phil P Harris, http://commons.wikimedia.org/wiki/File:Amazon_Manaus_forest.jpg

10 Startups



opencorporates



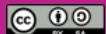
PRIVACY-AWARE

Spend Network



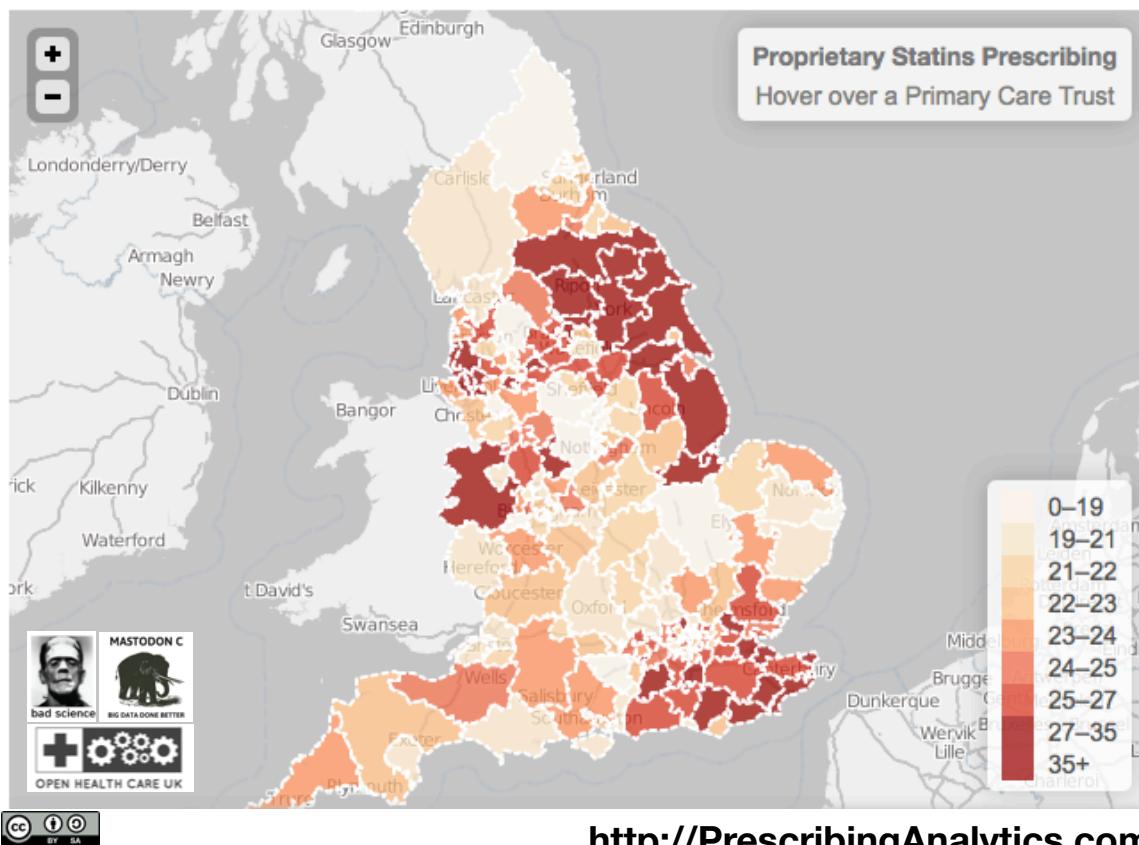
1

Data services



Big Open data finding £200^m saving in 6 weeks

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



<http://PrescribingAnalytics.com>

Helped convene domain-experts

- + health & data analytics
- + communications

Analysed 35m records

- + all the data & clinical facts

National & international reach

- + Economist & FT
- + broadsheets & tabloid press
- + cited in G8 & govt. reports

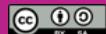
Long-term

- + £100^k now raised for phase 2

Scalable to £1^{bn} [BMJ]

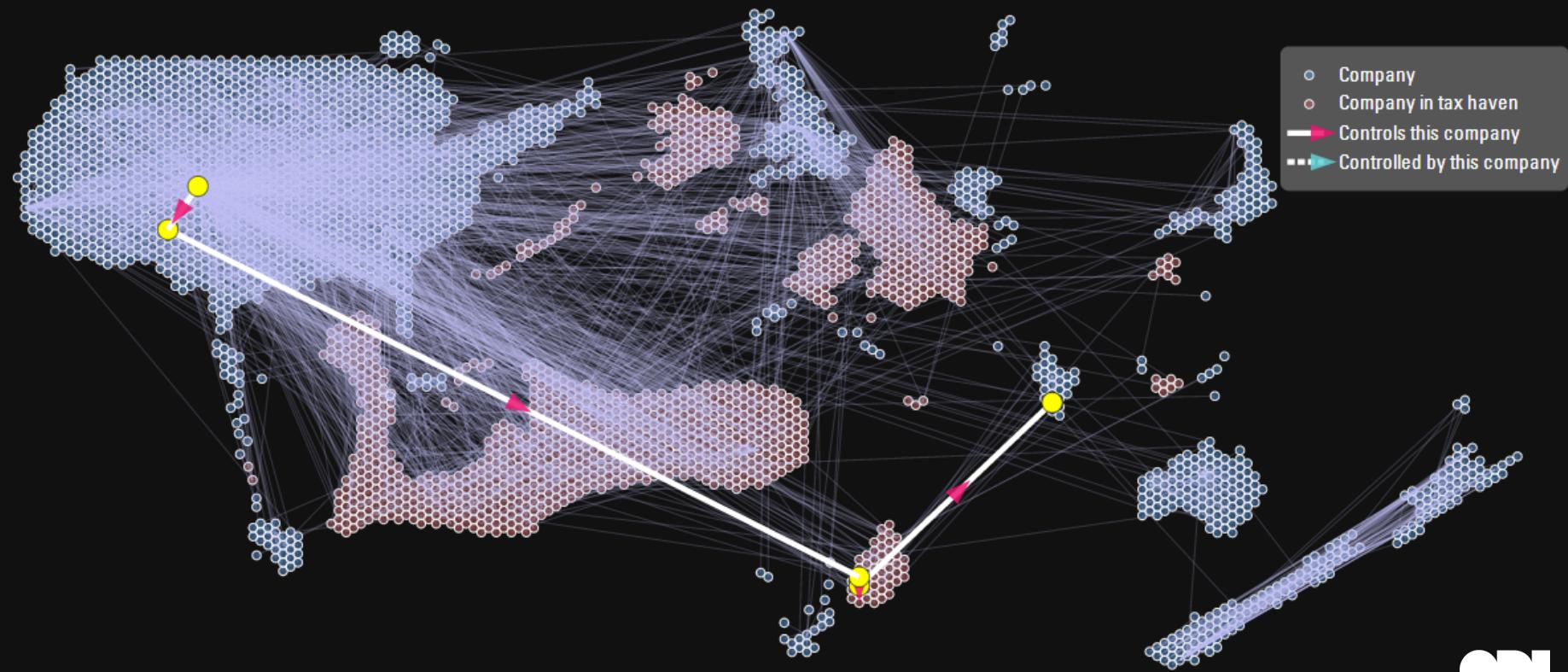
2

Dual-licence



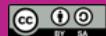
GOLDMAN SACHS (INDIA) SECURITIES PRIVATE LIMITED One of 27 subsidiaries registered in India

CONTROL CHAIN: GOLDMAN SACHS GROUP, INC., THE > GS INDIA HOLDINGS L.P. > GOLDMAN SACHS INVESTMENTS (MAURITIUS) I LIMITED > GOLDMAN SACHS (MAURITIUS) LLC. > GOLDMAN SACHS (INDIA) SECURITIES PRIVATE LIMITED



3

Freemium



<http://transportapi.com/>



powering change and innovation in transport

HOME SOLUTIONS DEVELOPERS TEAM PARTNERS CONTACT BLOG

From: SE24 9QP Postcode To: knightsbridge Stop/station Plan journey

4 alternative routes:

- 49 minutes
 - SE24 9QP to Herne Hill by foot 8 mins
 - Herne Hill Station to Brixton Station by bus 17 mins
 - Brixton to Green Park by tube 11 mins
 - Green Park to Knightsbridge by tube 3 mins
- 44 minutes
 - SE24 9QP to Herne Hill by foot 8 mins
 - Herne Hill Station to Brixton Station by bus 8 mins
 - Brixton to Green Park by tube 10 mins
 - Green Park to Knightsbridge by tube 4 mins
- 48 minutes
 - SE24 9QP to Herne Hill by foot 8 mins
 - Herne Hill Station to Brixton Station by bus 17 mins
 - Brixton to Green Park by tube 10 mins
 - Green Park to Knightsbridge by tube 4 mins
- 47 minutes
 - SE24 9QP to Herne Hill by foot 8 mins
 - Herne Hill Station to Brixton Station by bus 16 mins
 - Brixton to Green Park by tube 11 mins
 - Green Park to Knightsbridge by tube 3 mins

Journey Planning

Welcome to Transport API Britain's first comprehensive open platform for transport solutions. We have over 200 developers building on our platform and our solutions power transport operator sites

Blog

Our response to the Shakespeare Review of Public Sector Information

We're hiring: ruby developers click here!

Placr secures new funding to power growth

OpenStreetMap railway data hacking

Consultation by the Postcode Address File Advisory Board on licensing: our response

Twitter



Jonathan Raper @MadProf

Off to Dublin 2moro for "Harnessing the potential of Open Data in innovative transport" at ITS Europe to talk about transportapi.com

Retweeted by transportAPI

Expand

transportAPI @transoportapi

4 Jun

22 May

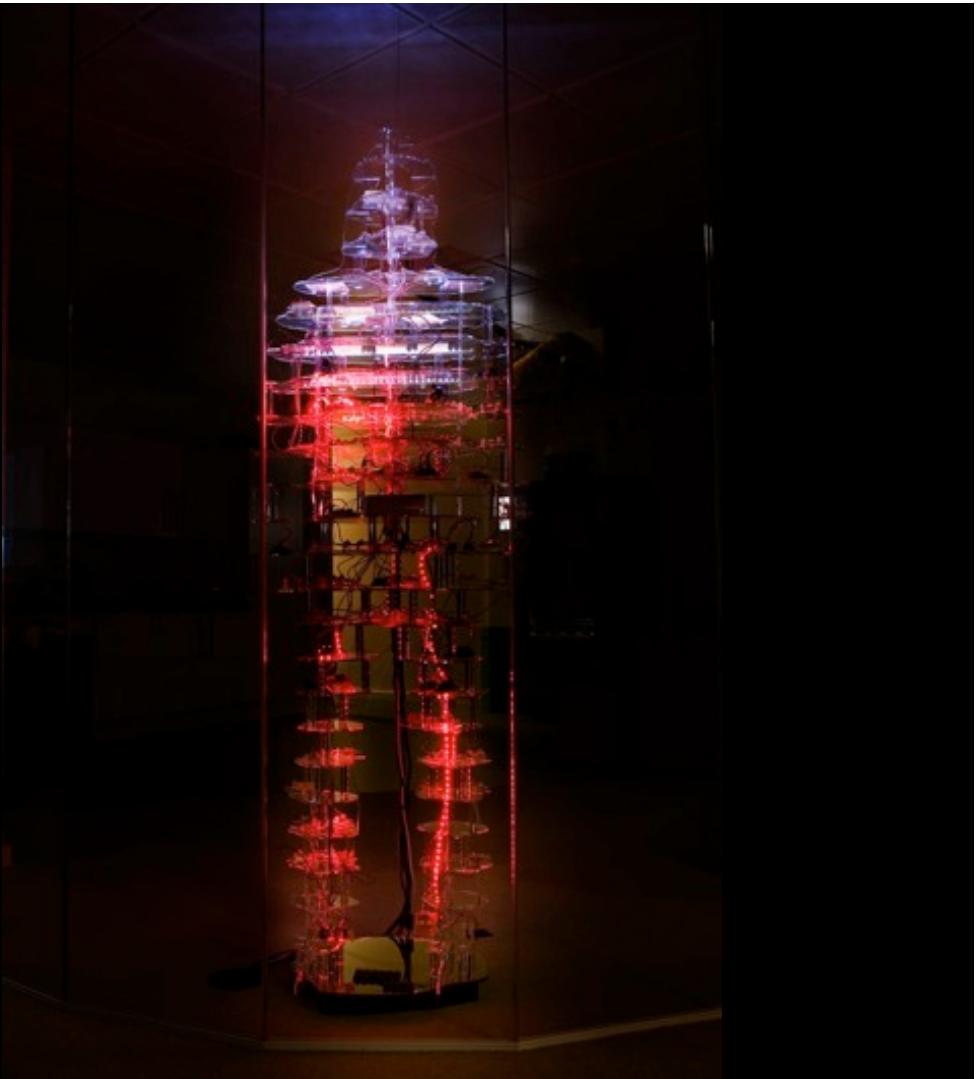


The biggest evolution of the web,
since the web itself.

Thank you!

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Twitter: [@statshero](https://twitter.com/statshero)



 **FAQ**

Terms apply only to Node-related work,
not all of the work of the host organisation



Fees apply for the ODI Trademark
License. Exclusions can be agreed.



Nodes have to commit time.
How much is up to you.



Nodes must support a community.
They are different from ODI Members.



ODI UK is the “root Node”. When there are
5 country Nodes, we'll create a board.

