

was ist open data?

OPEN DATA

Zugang

weltweit
für alle
unwiderruflich
kostenfrei

Format

offen (bzgl Software)
aktuell
maschinenlesbar
modifizierbar

Verwendung

verändern
verbreiten
anwenden
(auch kommerziell)
übertragen

historisches

rechtliches

vision

plattformen

projekte

woher kommt open data?



MERTONIAN NORMS (1942)

Communalism:

all scientists should have equal access to scientific goods (intellectual property) and there should be a sense of common ownership in order to promote collective collaboration; secrecy is the opposite of this norm.

Universalism

Disinterestedness

Organized Skepticism

woher kommt open data?



1 Scientific aspects of a possible third International Polar Year were discussed for the first time at a meeting in May 1950 at Inyokern, near China Lake in California (USA). Seated around the table are Drs D. R. Bates (*nearest the camera*), M. Nicolet, R. Penndorf, A. B. Meinel, B. Gutenberg, F. Rogers, Jr., J. Kaplan, M. O'Day, F. L. Roach, O. Wulf, L. V. Berkner, S. Chapman, and J. L. Greenstein. Seated under the window (*left to right*): Drs E. V. Ashburn, M. H. Nichols, G. I. Weissler, C. T. Elvey and W. N. Arnquist. Drs J. A. Van Allen and M. A. Tuve are not on the picture.



<http://www.nas.edu/history/igy/>

INTERNATIONAL GEOPHYSICAL YEAR

WORLD DATA CENTRES



6 The sun will soon reappear after the long winter night at the base of the Swedish-Finnish-Swiss IGY expedition near 80 degrees N in Nordaustland (Spitsbergen).

(Photo: P. Wasserfallen)

woher kommt open data?



BERLINER ERKLÄRUNG (22.10.2003)

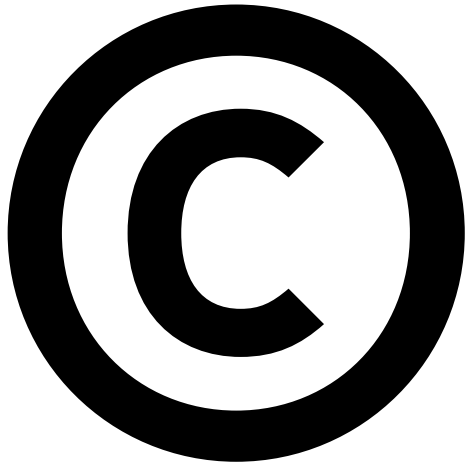
Ziele:

„Unsere Aufgabe, Wissen weiterzugeben ist nur halb erfüllt, wenn diese Informationen für die Gesellschaft nicht in umfassender Weise und einfach zugänglich sind. [...] Die Vision von einer umfassenden und frei zugänglichen Repräsentation des Wissens lässt sich nur realisieren, wenn sich das Internet der Zukunft durch Nachhaltigkeit, Interaktivität und Transparenz auszeichnet. Inhalte und Software müssen offen zugänglich und kompatibel sein.“

Unterzeichner:

**Max-Planck-Gesellschaft
Fraunhofer-Gesellschaft
Hochschulrektorenkonferenz
+ 545 weitere.**

was ist der „default“?

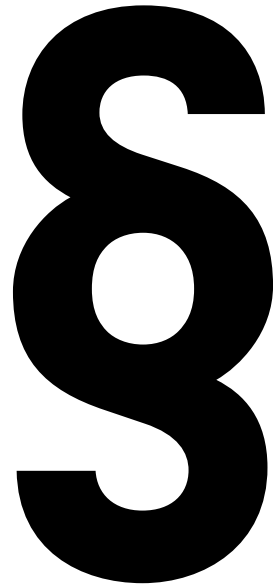


Urheberrechtsgesetz (UrhG)

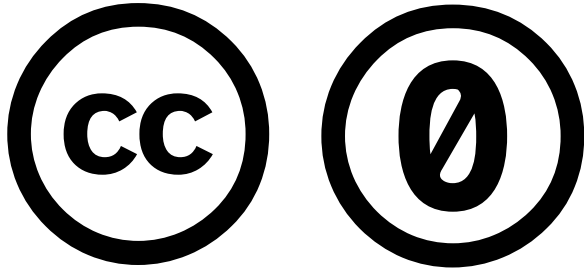
Gemeinfreiheit

Copyright

public domain/ copy-left



was sind die Alternativen?



LIZENZEN

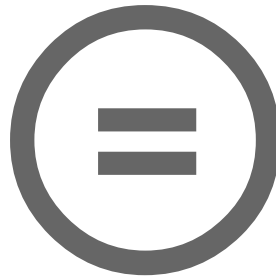
Creative Commons

GNU General Public License

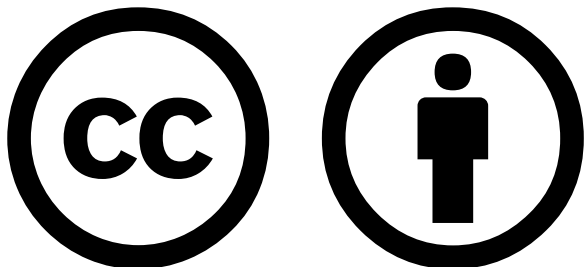
Datenlizenzen:

Plattformen checken!

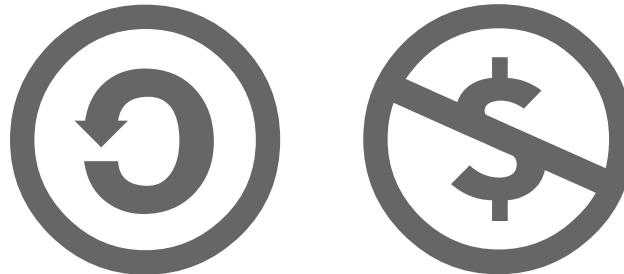
Modifizierung



Namensnennung



Verwendung



was ist die Idee?

VISION

Transparente Staaten & Unternehmen

mehr Verständnis der Bürger*innen durch (aufgearbeitete) Informationen

mehr **Partizipation**

informiertere (Alltags-)entscheidungen

mehr „Kontrolle“ der Politik

was ist die Idee?

VISION

Daten = Commons

Entwicklungsmöglichkeiten für alle (finanziell, geographisch,...)

Kommerzieller Mehrwert

Beiträge zur Lösung gesellschaftlicher Probleme

was ist die Idee?

VISION

kooperierende Wissenschaft

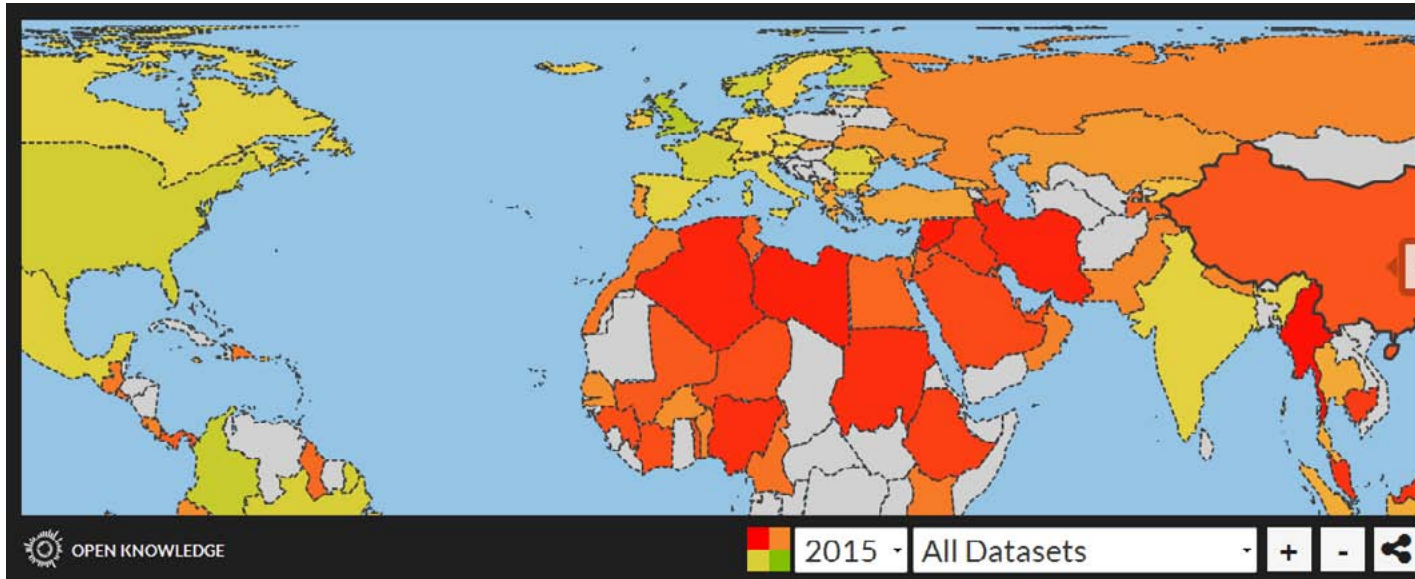
Einbindung von Entwicklungsländern

Vermeidung unnötiger Datenerhebung

schnellere Problemlösung

schnellere Fehlerbeseitigung

wo gibt es open data?



OPEN DATA INDEX

by Open Knowledge Foundation

Rank	Dataset	Breakdown	Location (URL)	Format	Info	Prev. (2014)	Score
1	National Statistics		https://www.destatis.de/DE/Pub...	XLS, ...		#1 100%	100%
1	National Map		http://www.geodatenzentrum.de/...	PDF, ...		#1 100%	100%
1	Pollutant Emissions		http://www.umweltbundesamt.de/.	CSV		#1 100%	100%
1	Government Budget		https://www.govdata.de/daten/-...	xls, ...		#1 100%	100%
7	Legislation		http://www.gesetze-im-internet...	HTML, ...		#1 100%	90%
8	Government Spending		n/a	pdf		#15 10%	10%
26	Procurement tenders		http://www.bund.de/Content/DE/...	XML		n/a	60%
36	Location datasets		n/a	n/a		#34 25%	25%
36	Land Ownership		n/a	n/a	n/a	n/a	20%

wo gibt es open data?



Home About Data R

Data



EUROPEAN
DATA PORTAL



eurostat

Your key to European statistics

open NASA



European Union Open Data Portal



WikiLeaks

DataPortals.org

Add a Portal

Browse

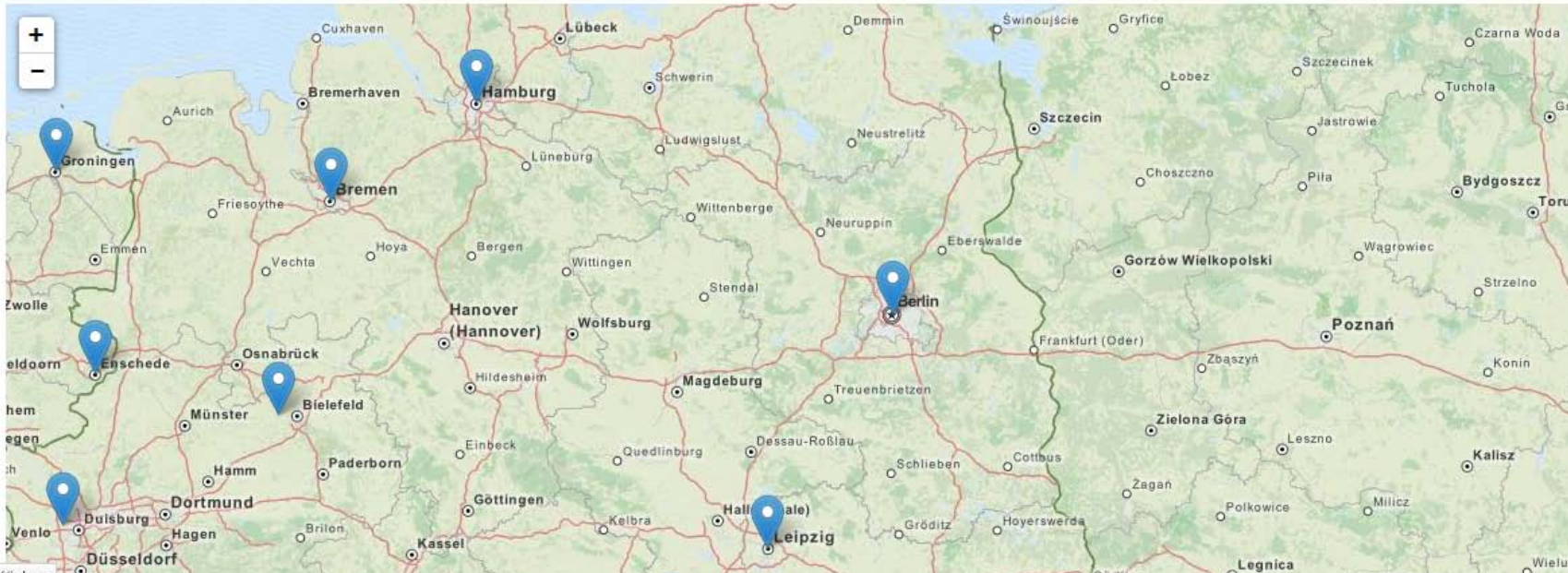
About



Data Portals A Comprehensive List of Open Data Portals from Around the World

519 Data Portals listed »

Search data ...



Politik verfolgen

TheyWorkForYou UK MPs Lords Debates Written Answers Bill Committees Upcoming

 **Justin Madders**
MP, Ellesmere Port and Neston

Ellesmere Port and Neston Labour

[Send a message](#) [Get email updates](#)

- Votes
- Appearances
- Profile
- Numerology
- Register of Interests

Justin Madders's voting in Parliament

Justin Madders is a Labour MP, and on the **vast majority** of issues votes the **same way** as other Labour MPs.

However, Justin Madders sometimes **differs** from their party colleagues, such as:

Justin Madders **generally voted for** higher taxes on banks, while most Labour MPs **generally voted against**.

[Show votes](#)

Justin Madders **generally voted against** more powers for local councils, while most Labour MPs **generally voted for**.

[Show votes](#)

We have **lots more** plain English analysis of Justin Madders's voting record on issues like health, welfare, taxation and more. Visit [Justin Madders's full vote analysis page](#) for more.

was macht mensch mit open data?

Politik verfolgen

OFFENERHAUSHALT

BUND

LÄNDER

KOMMUNEN

ÜBER UNS



BUNDESHAUSHALT

Ansicht: Funktionen Einzelpläne Gruppen **Daten & Embed**

Filter: Jahr: 2015 Typ: ausgaben



Politik verfolgen

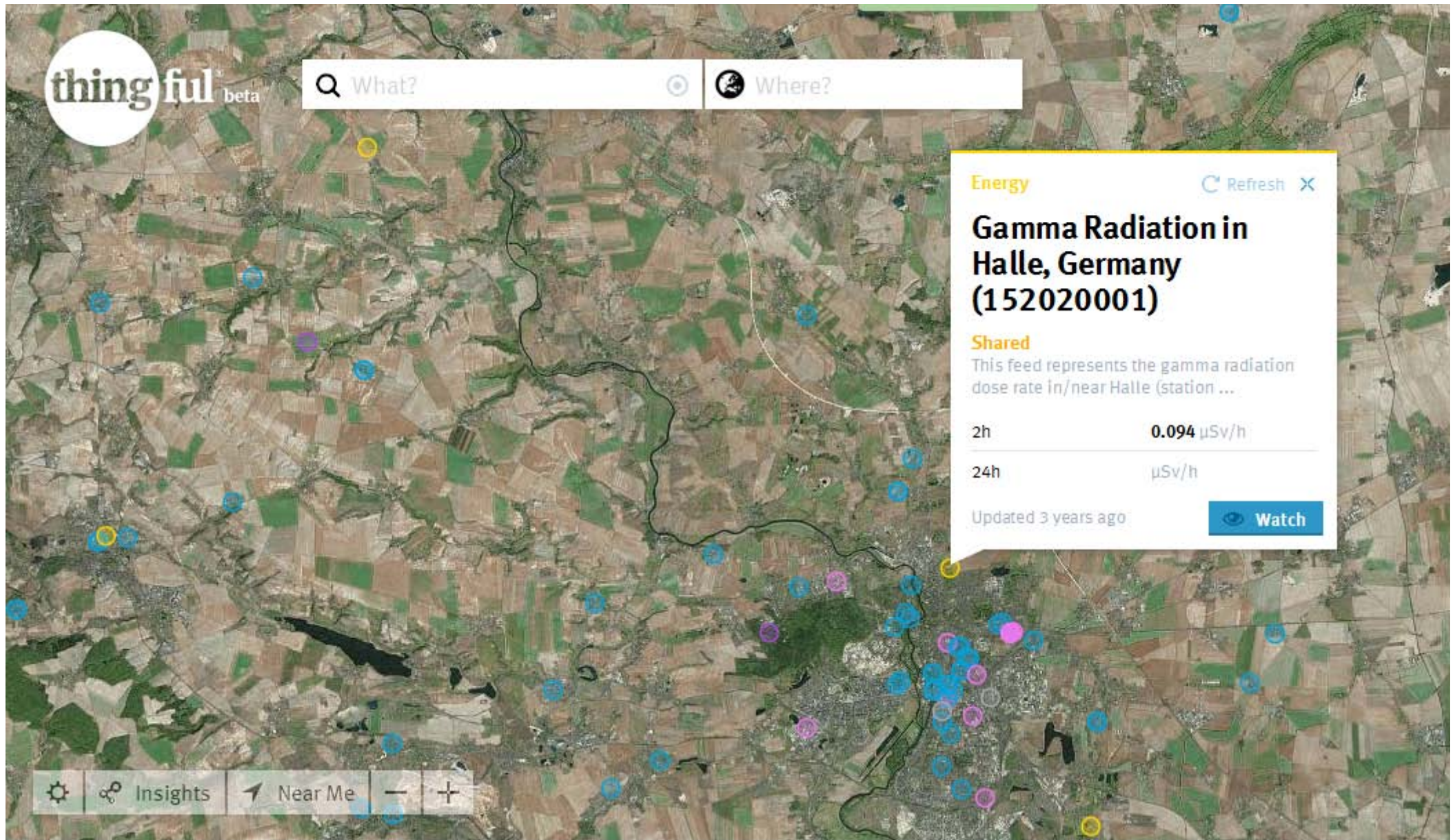
All organisations ranked by numbers of lobbyists

All organisations on the EU Transparency Register have to provide information on the absolute number of staff (as well as the full time equivalents - FTEs) carrying out EU lobbying activities and the number of staff with an official European Parliament lobbyist pass. This LobbyFacts list can be sorted for each column. Please see [our disclaimer](#).

<u>Organisation Name</u>	<u>EP Passes</u>	<u>Lobbyists (persons)</u>	<u>Lobbyists (FTEs)</u>	<u>Country head office</u>
Fleishman-Hillard	47	51	26.50	Belgium
FTI Consulting Belgium	33	55	32.50	United States
Kreab	30	50	30	Belgium
APCO Worldwide	29	30	7.50	United States
Bureau Européen des Unions de Consommateurs	26	22	16.50	Belgium
European Chemical Industry Council	25	74	45.25	Belgium
FIPRA International Limited	25	31	28.75	United Kingdom
Burson-Marsteller	24	60	35	Belgium
BUSINESSEUROPE	22	29	29	Belgium
G Plus Ltd	21	39	22	United Kingdom
cabinet DN consulting sprl	20	25	25	Belgium

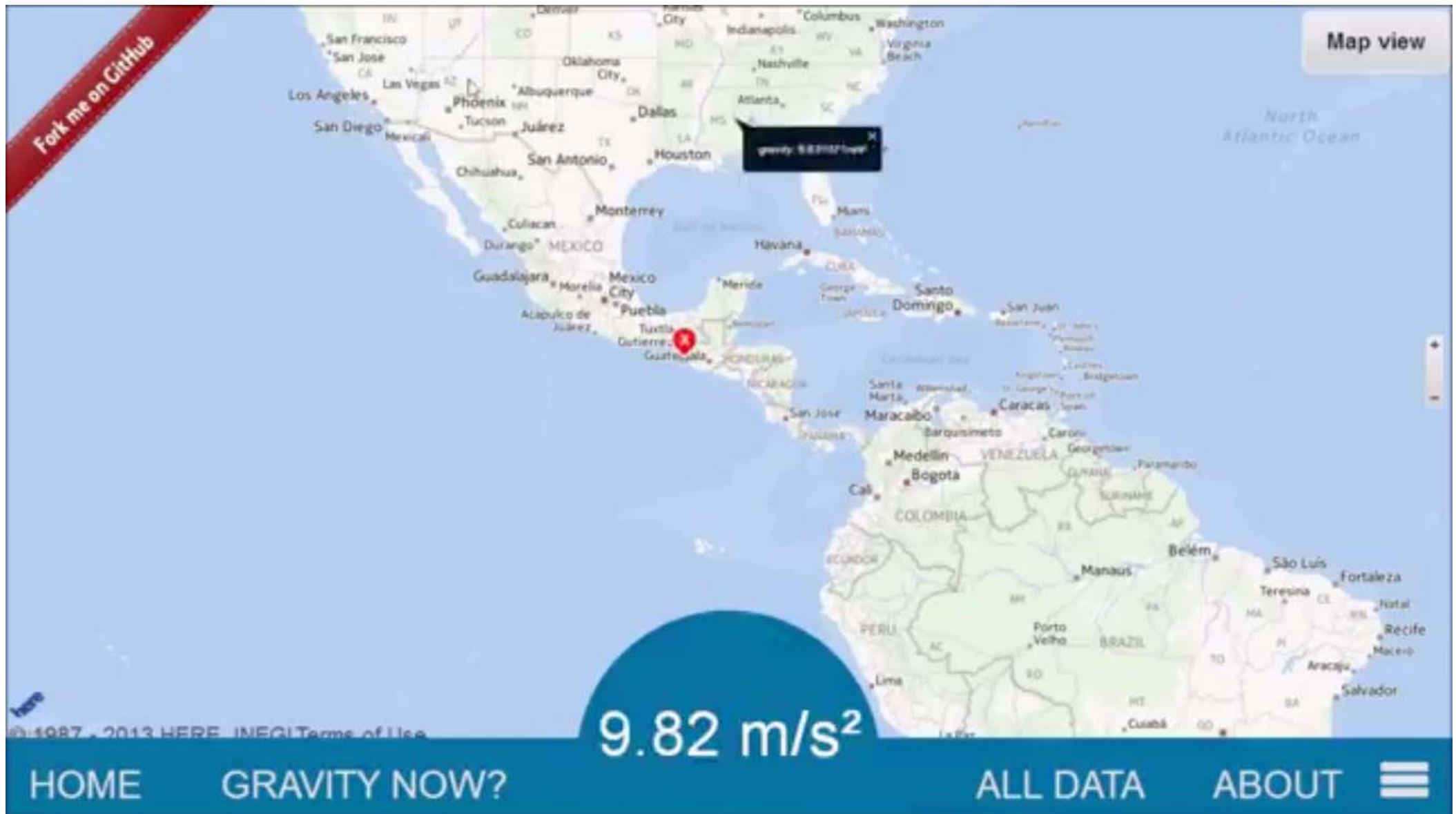
was macht mensch mit open data?

verbinden



was macht mensch mit open data?

veranschaulichen



was macht mensch mit open data?

Zusammenhänge entdecken



was macht mensch mit open data?

selber Daten erheben

Startseite FAQ Karte Community Blog/News Spende

Behrenstraße, Berlin Suchen Route Karte bearbeiten Fehler melden

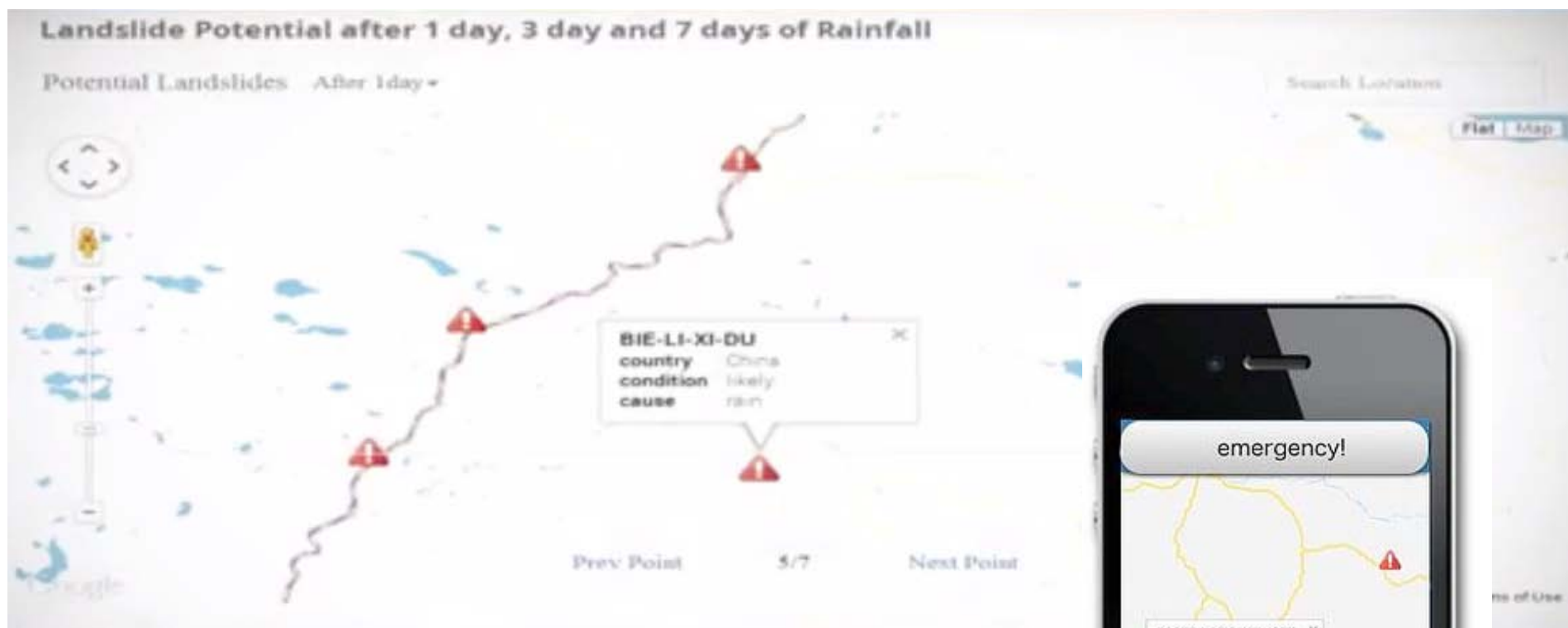
Legende

Karte hergestellt aus OpenStreetMap-Daten | Lizenz: O

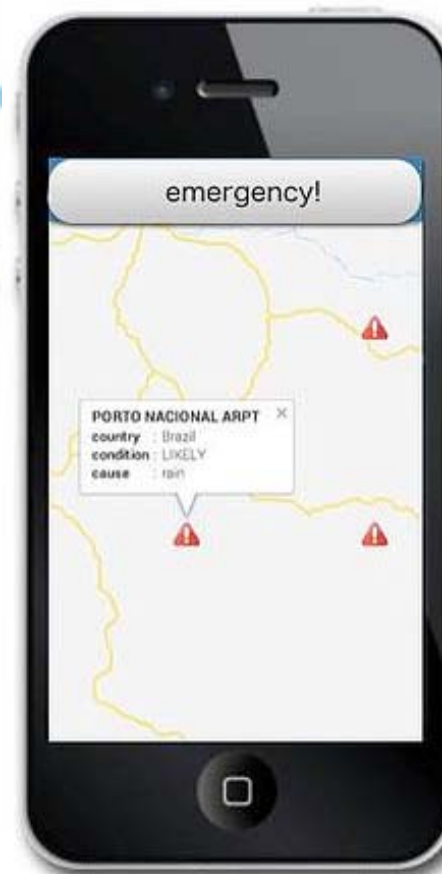
...und Wetter?

und open data und Wetter?

Katastrophen-alerts

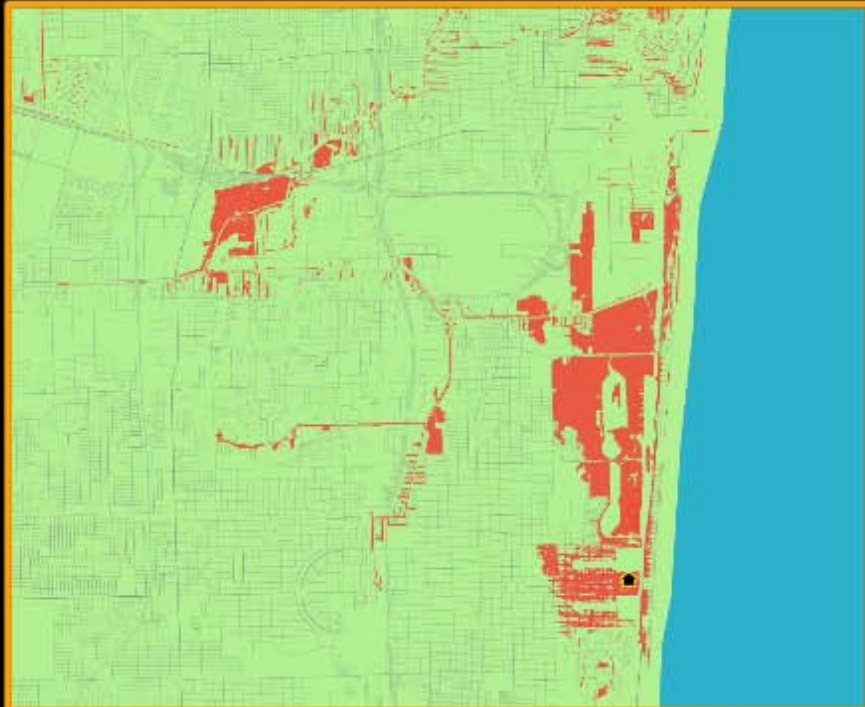


LANDSLIDE-TRACKER



Katastrophen-alerts

STORM TIDE DASHBOARD



Currently Tracking
Hurricane Sample
Category: 1
(Sustained winds over 74mph)
Expected Storm Tide:
8/3/2013 between 0600
and 1200
(starting 12 hours from now)
Predicted Storm Track:

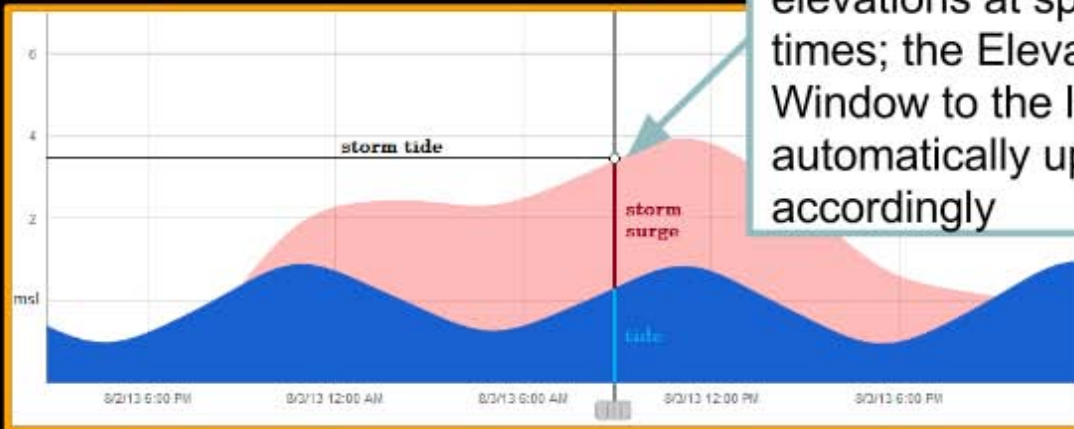
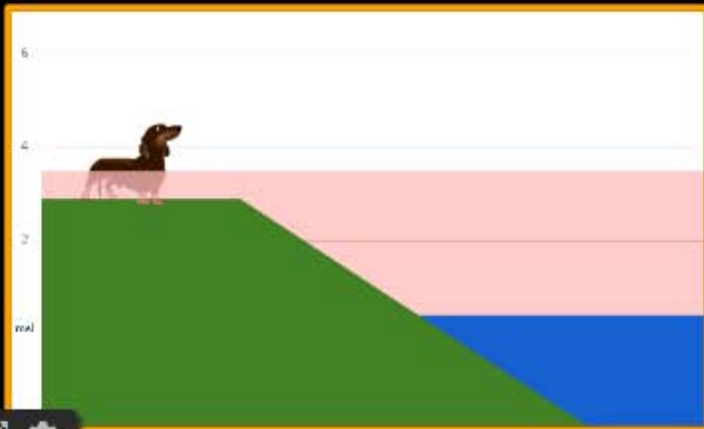
A map showing the predicted storm track over the Atlantic Ocean. A purple shaded area represents the storm's path, moving from the east towards the Florida coast. A dashed line indicates the center of the storm.

Broward County's Worst Storms

- Hurricane of 1926
- Hurricane of September 1947
- Hurricane of October 1947
- Hurricane Cleo 1964
- Hurricane Andrew 1992

Recent Storms

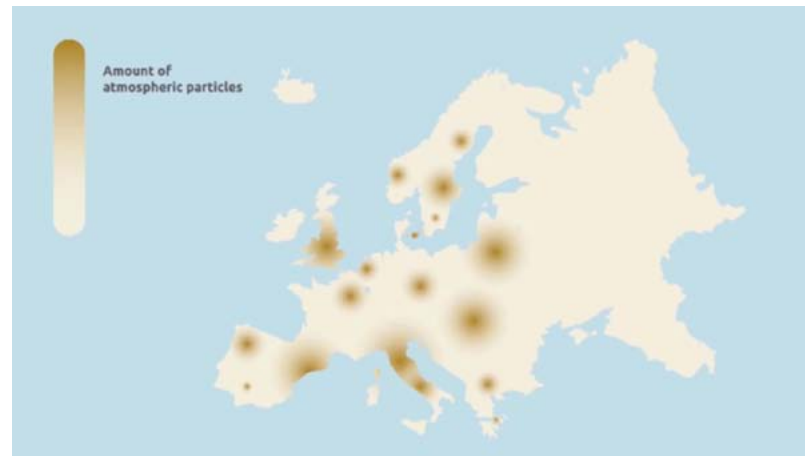
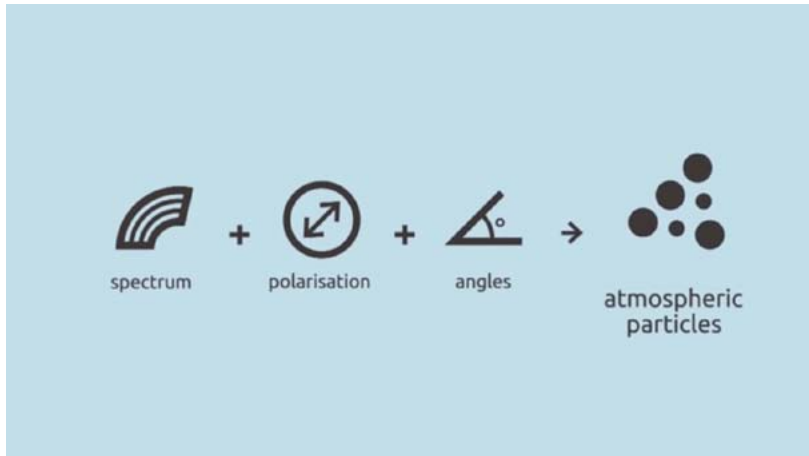
- [Hurricane Irene 1999](#)
- [Tropical Storm Leslie 2000](#)
-



Drag slider horizontally to view projected flood elevations at specific times; the Elevation Window to the left will automatically update accordingly

und open data und Wetter?

ISPEX

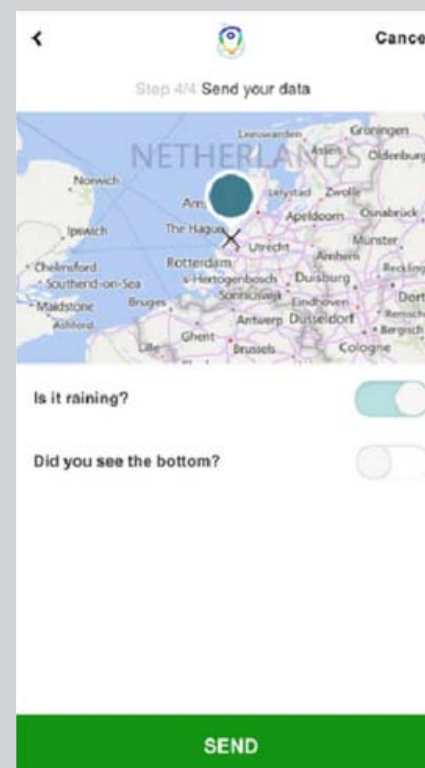
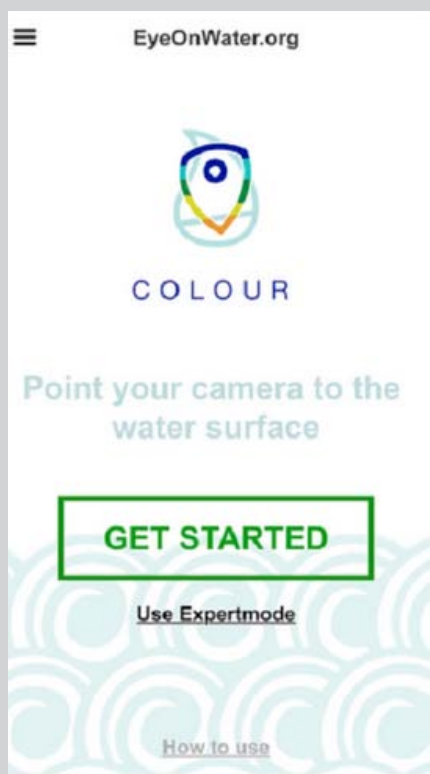


und open data und Wetter?

EYEONWATER.ORG

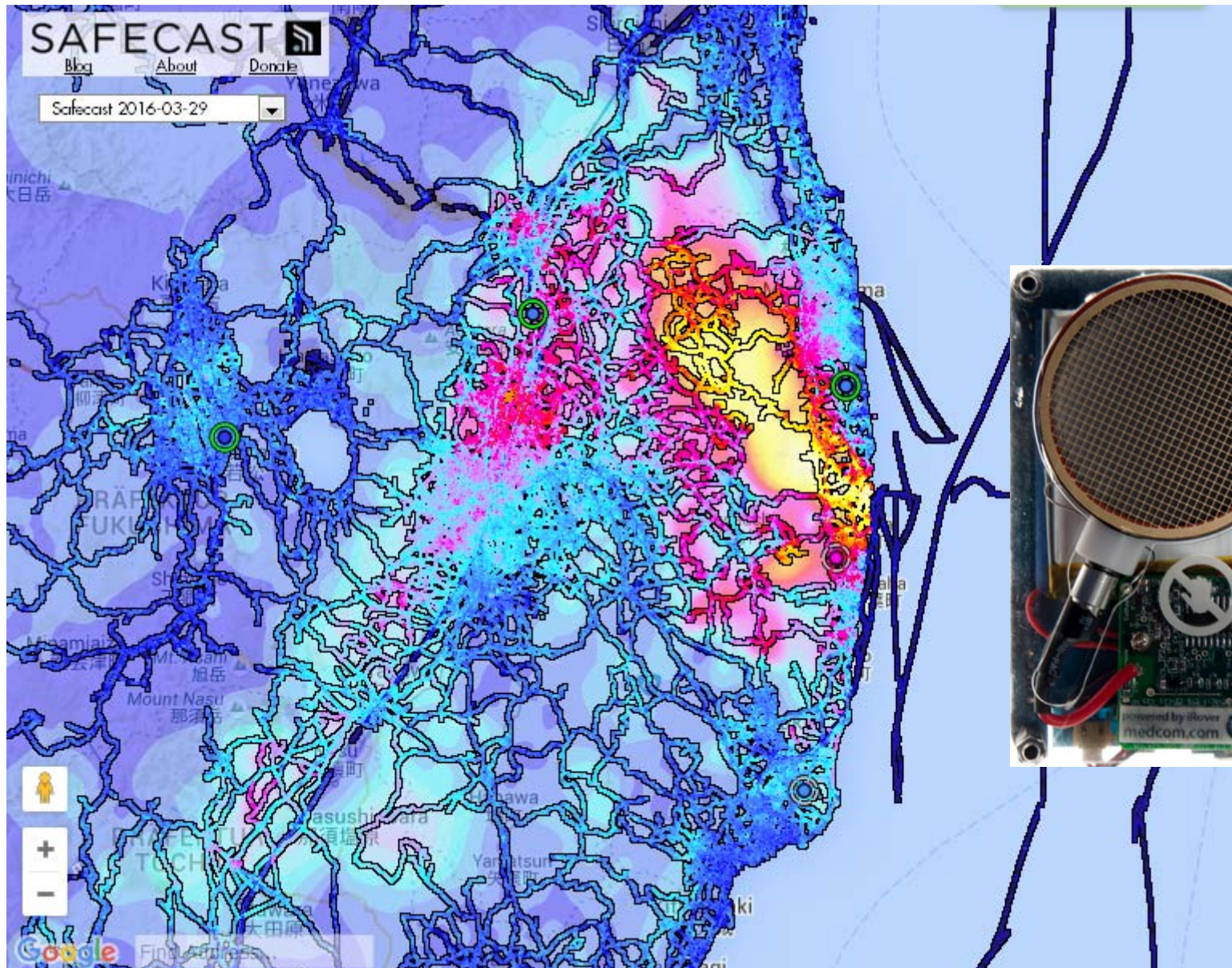


Royal Netherlands Institute for Sea Research



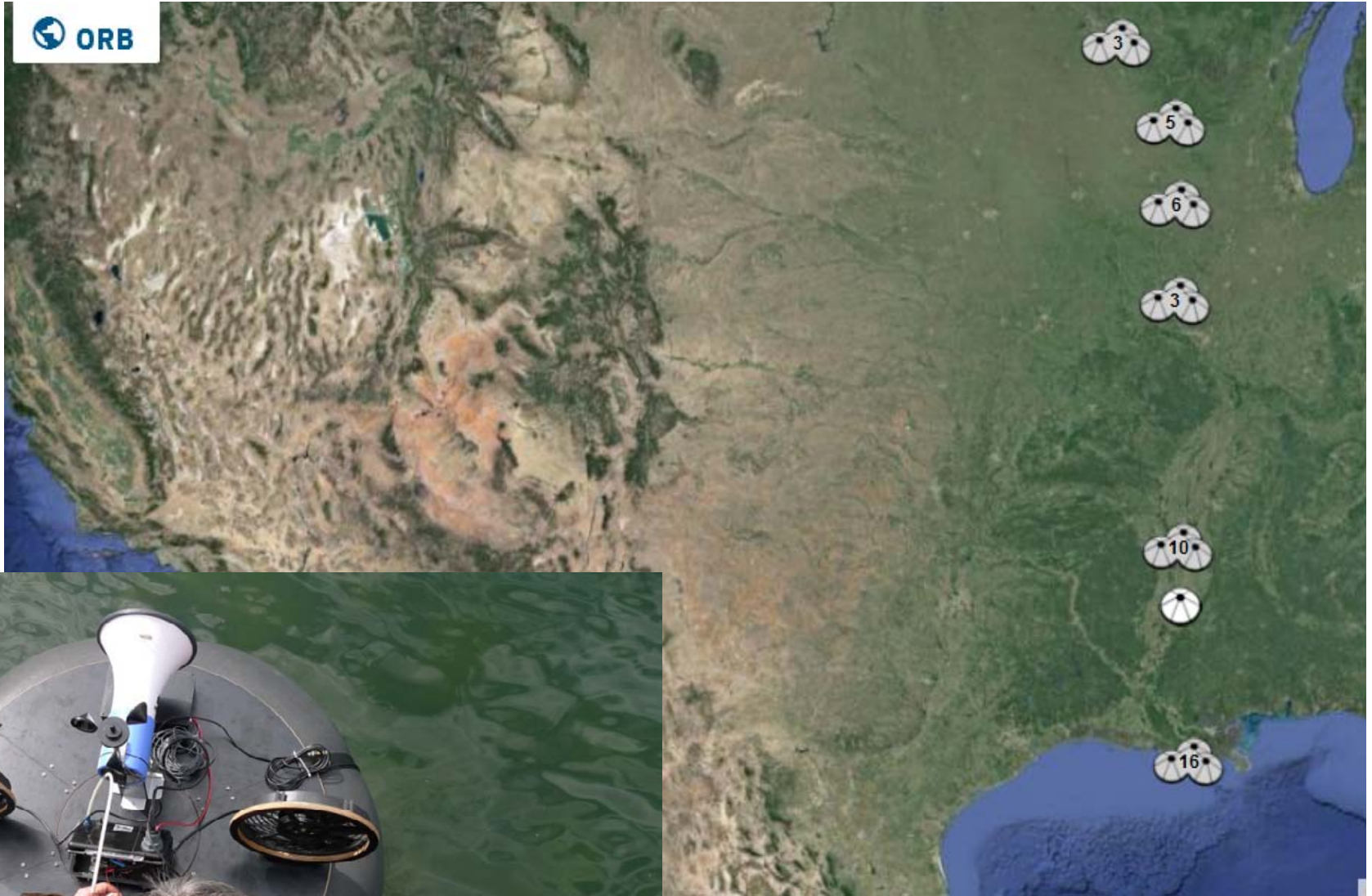
und open data und Wetter?

SAFECAST



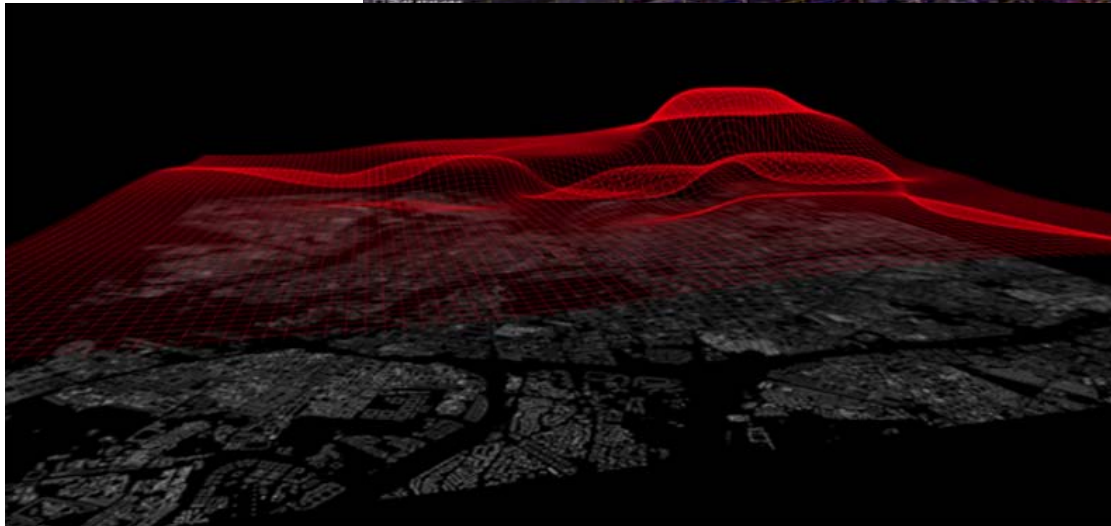
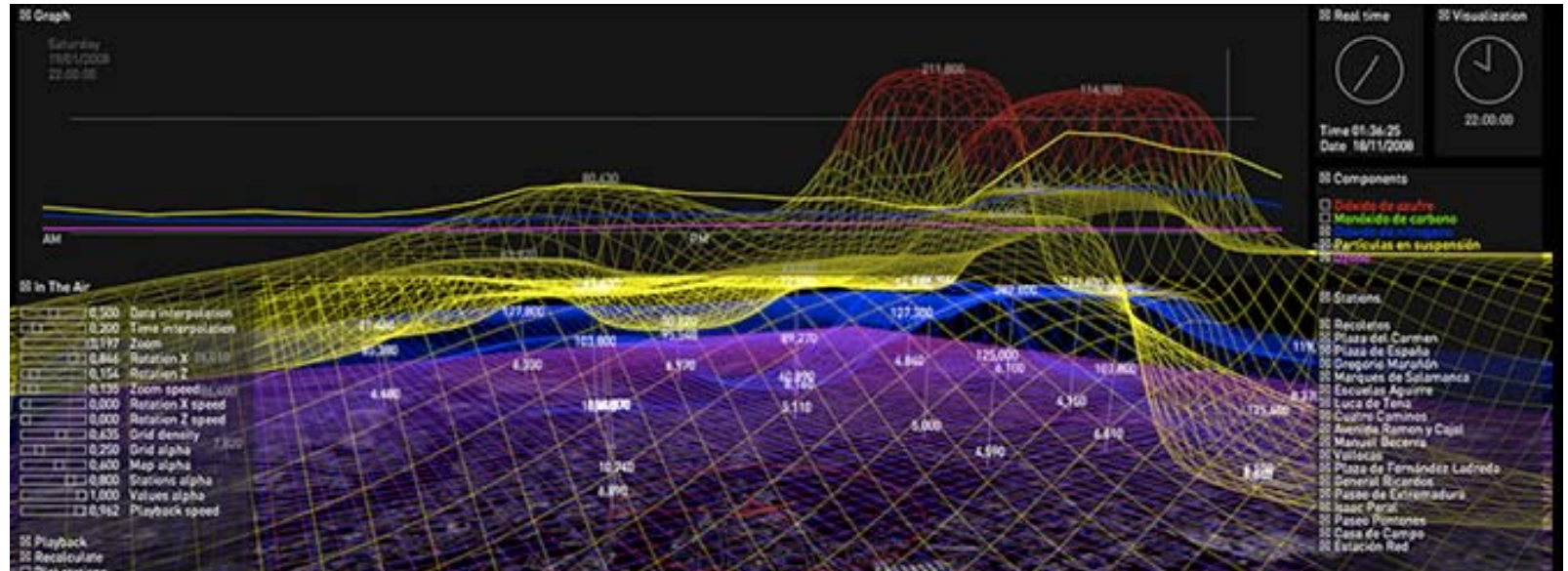
und open data und Wetter?

OPEN BUOY



und open data und Wetter?

IN THE AIR



Sulfur dioxide / Carbon monoxide / Nitrogen dioxide / Particulate / Ozone

SULFUR DIOXIDE

GENERAL INFORMATION: Sulfur dioxide (SO₂) is a gaseous compound comprised of oxygen and sulfur that is generated from the combustion of substances like carbon and petrol. It is the main cause of acid rain and has a very characteristic smell that resembles rotten fruit. The acceptable concentration of SO₂ in working areas is 2 ppm, exposure to levels of over 100 ppm can be fatal.

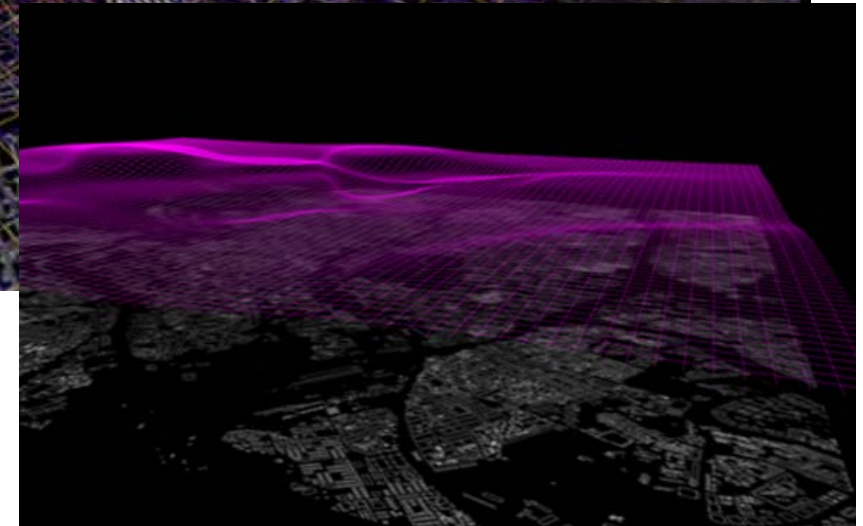
HEALTH ISSUES

ATTENTION PEOPLE WITH RESPIRATORY PROBLEMS: Can cause coughing, irritation and even permanent lung damage

ACTIONS

TEMPERATURE MAKES A DIFFERENCE: Lower the thermostat at night and turn it off when not at home. You will emit 440Kg less SO₂ a year. That is 1.2 Kg a day!

LOWER CONSUMPTION: Save between 5-10% of energy for each degree Celsius that you lower the heat



de / Nitrogen dioxide /

HEALTH ISSUES

OXIDIZING PROPERTIES: Ozone (O₃) is an uncoloured gas that, in higher layers of the atmosphere protects the earth from solar radiation. Close to earth concentrated O₃ is a pollutant.

ACTIONS

CARPPOOL AND REDUCE VEHICULAR TRAVEL!

de is produced by boilers and sed by vehicular emissions.

LIMIT USE OF OIL-BASED PAINTS AND SOLVENTS AND

WEITERFÜHRENDES

ICSU „Open Data in A Big Data World“

[http://www.icsu.org/science-international/accord/
open-data-in-a-big-data-world-short](http://www.icsu.org/science-international/accord/open-data-in-a-big-data-world-short)

Open Data Institute

<http://theodi.org/>

Open Data Index

<http://index.okfn.org/>

Open Knowledge

<https://okfn.org/>

> citizen science

> open government

> hack-a-thons, hack days,
open data app challenges

PROJEKTE

<http://openbuoy.org/>

<http://blog.safecast.org/>

<http://www.thingful.net/>

<http://intheair.es>

<http://eyeonwater.org/>