

Hack the Government

A hackday on open government, open data and transparency

Talk @ 26C3 Berlin 2009

Why open data?



Archive of the city of Toronto

Why open data?

- So many public sector data



Archive of the city of Toronto

Why open data?

- So many public sector data
- Produced for public purposes



Archive of the city of Toronto

Why open data?

- So many public sector data
- Produced for public purposes
- Financed with our taxes



Archive of the city of Toronto

Why open data?

- So many public sector data
- Produced for public purposes
- Financed with our taxes
- Digitalisation makes access and distribution so easy



Archive of the city of Toronto

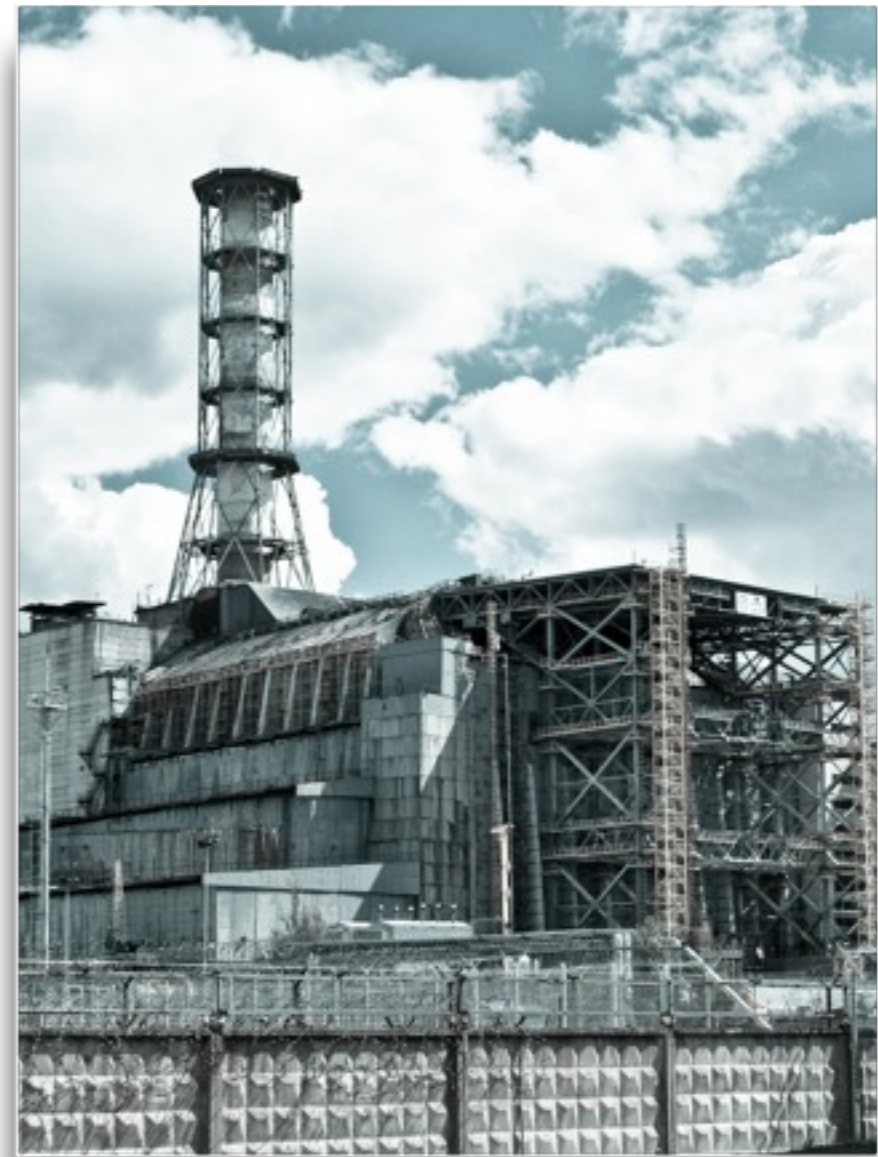
Why open data?

- So many public sector data
- Produced for public purposes
- Financed with our taxes
- Digitalisation makes access and distribution so easy
- There are No reasons for any limitations on access, use, remix and distribution



Archive of the city of Toronto

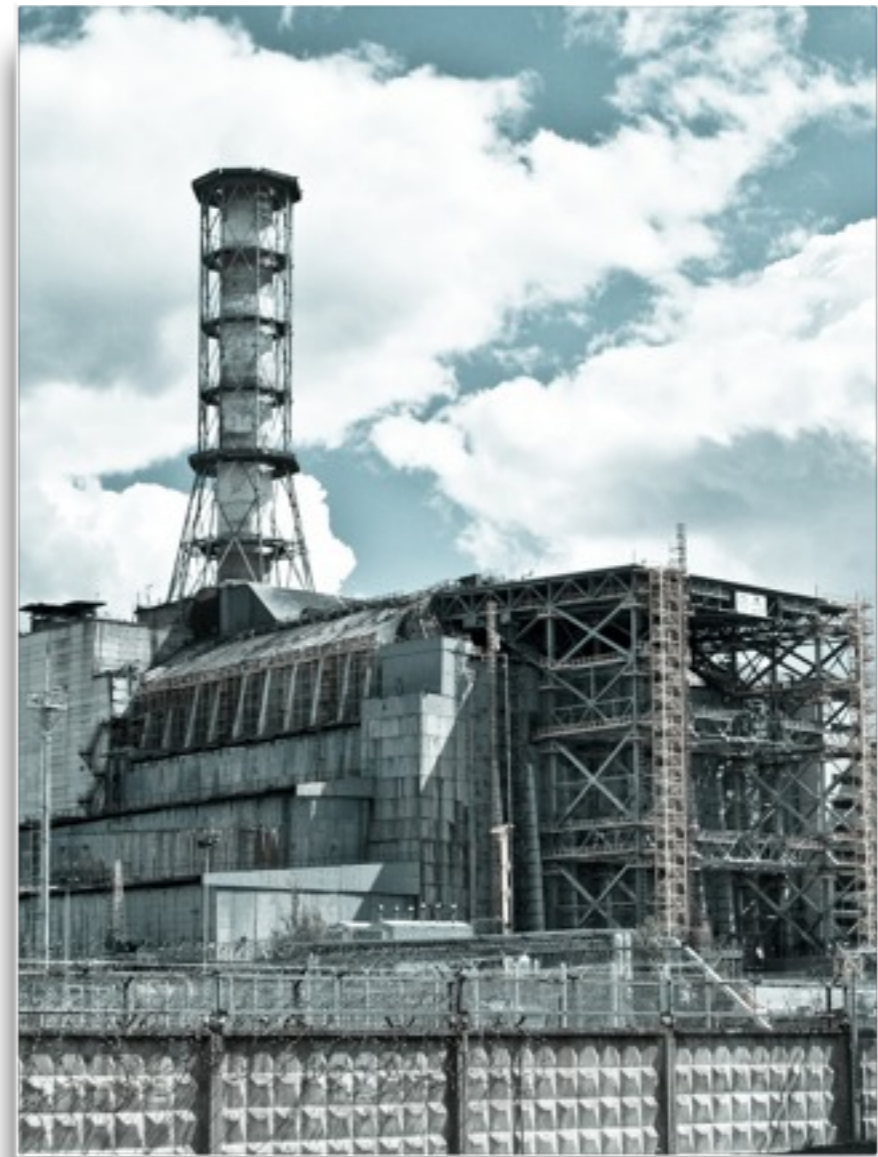
Open data & Democracy



Tschernobyl

Open data & Democracy

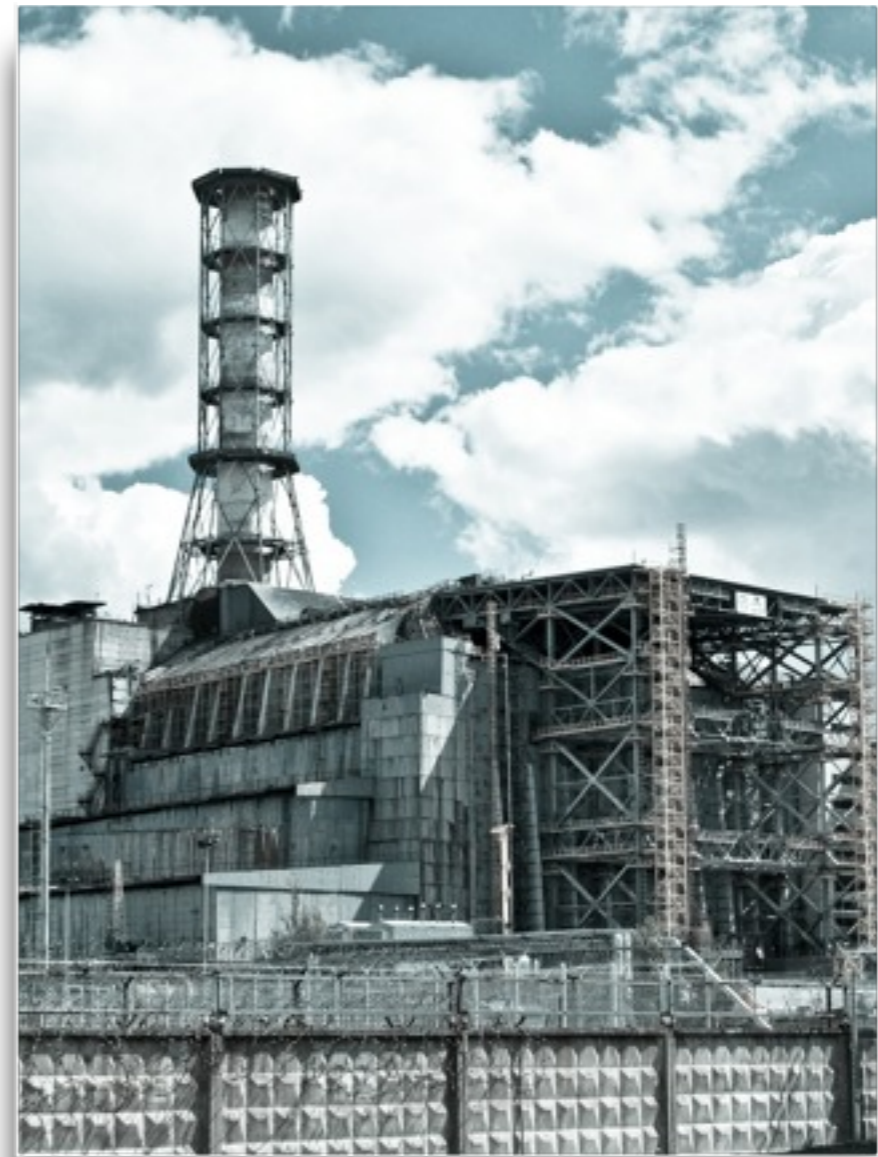
- Access to information is a civil right



Tschernobyl

Open data & Democracy

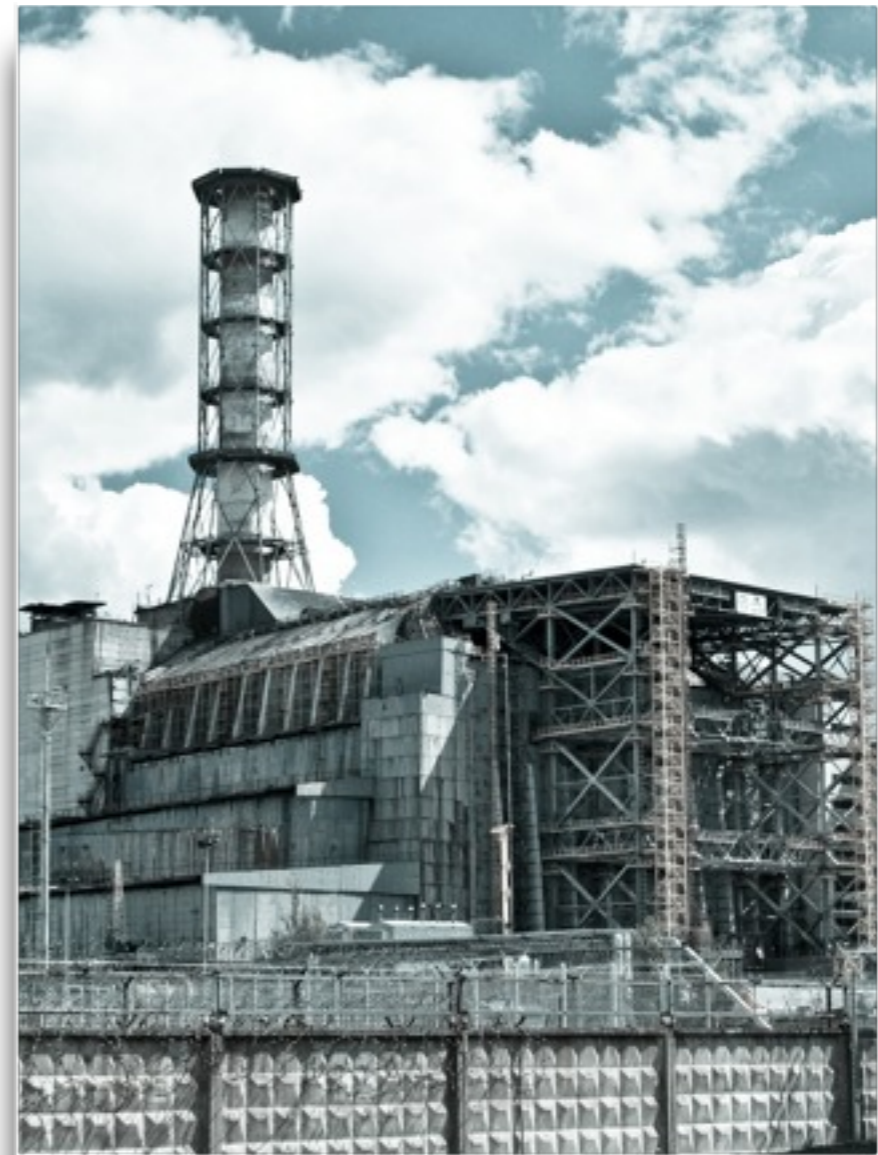
- Access to information is a civil right
- Informed decisions through access to data



Tschernobyl

Open data & Democracy

- Access to information is a civil right
- Informed decisions through access to data
- Informed and responsible citizens are good for democracy



Tschernobyl

Access with 3-fold benefit



Visualisation travel times in London

Access with 3-fold benefit

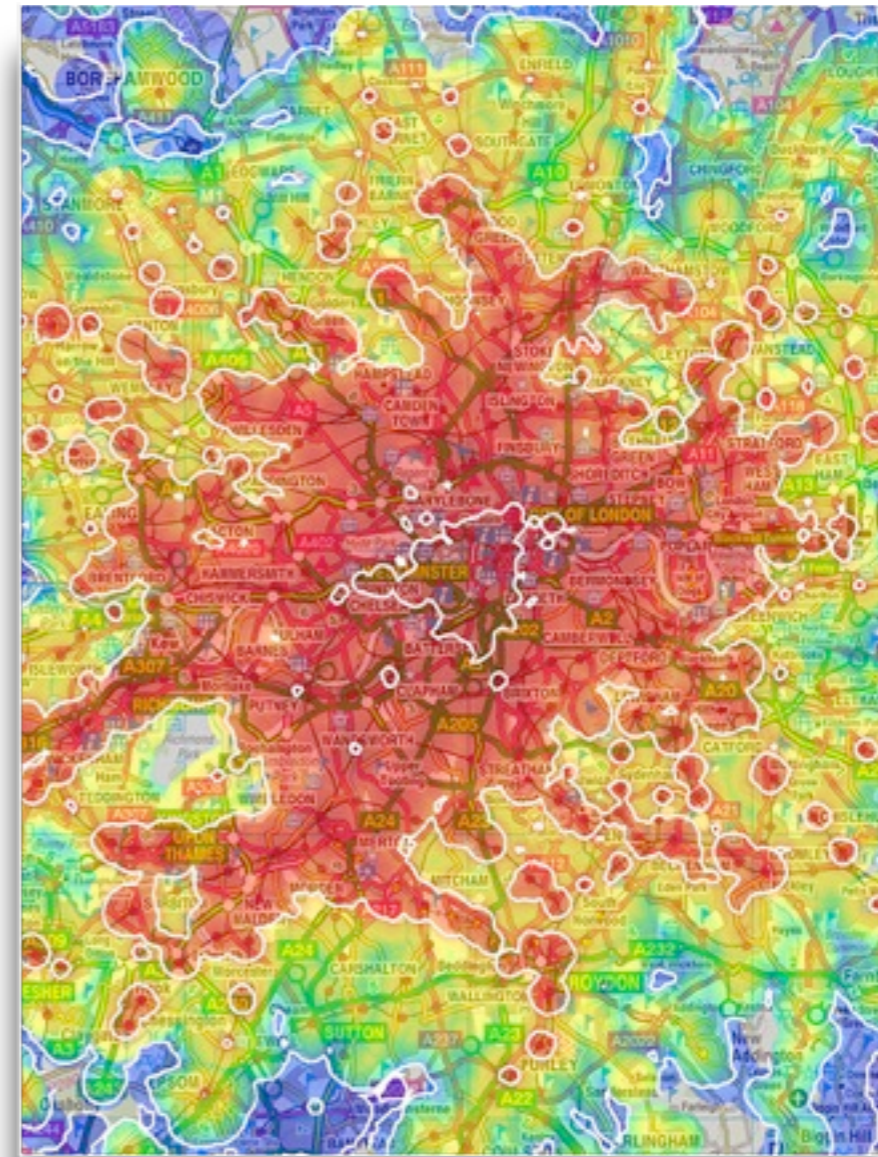
- Individual decision making



Visualisation travel times in London

Access with 3-fold benefit

- Individual decision making
- Chances for innovation and economy



Visualisation travel times in London

Access with 3-fold benefit

- Individual decision making
- Chances for innovation and economy
- Governance, public sector administration and social change become more transparent



Visualisation travel times in London

The way we organize
information is rapidly changing

The way we organize
information is rapidly changing

The way we organize information is rapidly changing

- Websites become **platforms**

The way we organize information is rapidly changing

- Websites become **platforms**
- Transparency invokes **interactivity**

The way we organize information is rapidly changing

- Websites become **platforms**
- Transparency invokes **interactivity**
- Consumers become **people who make stuff**

The way we organize information is rapidly changing

- Websites become **platforms**
- Transparency invokes **interactivity**
- Consumers become **people who make stuff**
- There is **more data** in the world than EVER

The State as Service-Maschine

Our Taxes



Infrastructure:

- streets
- hospitals
- schools
- universities
- libraries
- ...

Services:

- administration
- police
- public services
- ...

Most government websites **suck**

Three laws of open government data

Quelle: <http://eaves.ca/2009/09/30/three-law-of-open-government-data/>

Three laws of open government data

Quelle: <http://eaves.ca/2009/09/30/three-law-of-open-government-data/>

Three laws of open government data

- If it can't be spidered or indexed, it **doesn't exist**

Quelle: <http://eaves.ca/2009/09/30/three-law-of-open-government-data/>

Three laws of open government data

- If it can't be spidered or indexed, it **doesn't exist**
- If it isn't available in open and machine readable format, it **can't engage**

Quelle: <http://eaves.ca/2009/09/30/three-law-of-open-government-data/>

Three laws of open government data

- If it can't be spidered or indexed, it **doesn't exist**
- If it isn't available in open and machine readable format, it **can't engage**
- If a legal framework doesn't allow it to be repurposed, it **doesn't empower**

Quelle: <http://eaves.ca/2009/09/30/three-law-of-open-government-data/>

It's **our data** we are talking about, we
paid the taxes for it

population data

opening hours

post codes

road constructions

garbage pick-up

environmental data

maps

times

addresses

press releases

schools

petitions

What?

What?

- Use government & public service data to:

What?

- Use government & public service data to:
 - Build apps & prototypes that help to:

What?

- Use government & public service data to:
 - Build apps & prototypes that help to:
 - Make government more open & transparent

What?

- Use government & public service data to:
 - Build apps & prototypes that help to:
 - Make government more open & transparent
 - Empower citizens

What?

- Use government & public service data to:
 - Build apps & prototypes that help to:
 - Make government more open & transparent
 - Empower citizens
 - Invoke participation & colaboration

Why?

- Government & public sector produce a lot of interesting data
- That data is often not **not** publicly **available** and "**open**"
 - Access
 - Licenses
 - Formats

How?

How?

- 2 days time + public service data + creative people (you!) =

How?

- 2 days time + public service data + creative people (you!) =
- Scape data and make it accessible

How?

- 2 days time + public service data + creative people (you!) =
 - Scape data and make it accessible
 - Build apps & prototypes

How?

- 2 days time + public service data + creative people (you!) =
 - Scape data and make it accessible
 - Build apps & prototypes
 - Show what can be done with government data

When & where?

- 17 & 18 April 2010
- Berlin
- <http://opendata.hackday.net>
- @opendatahackday

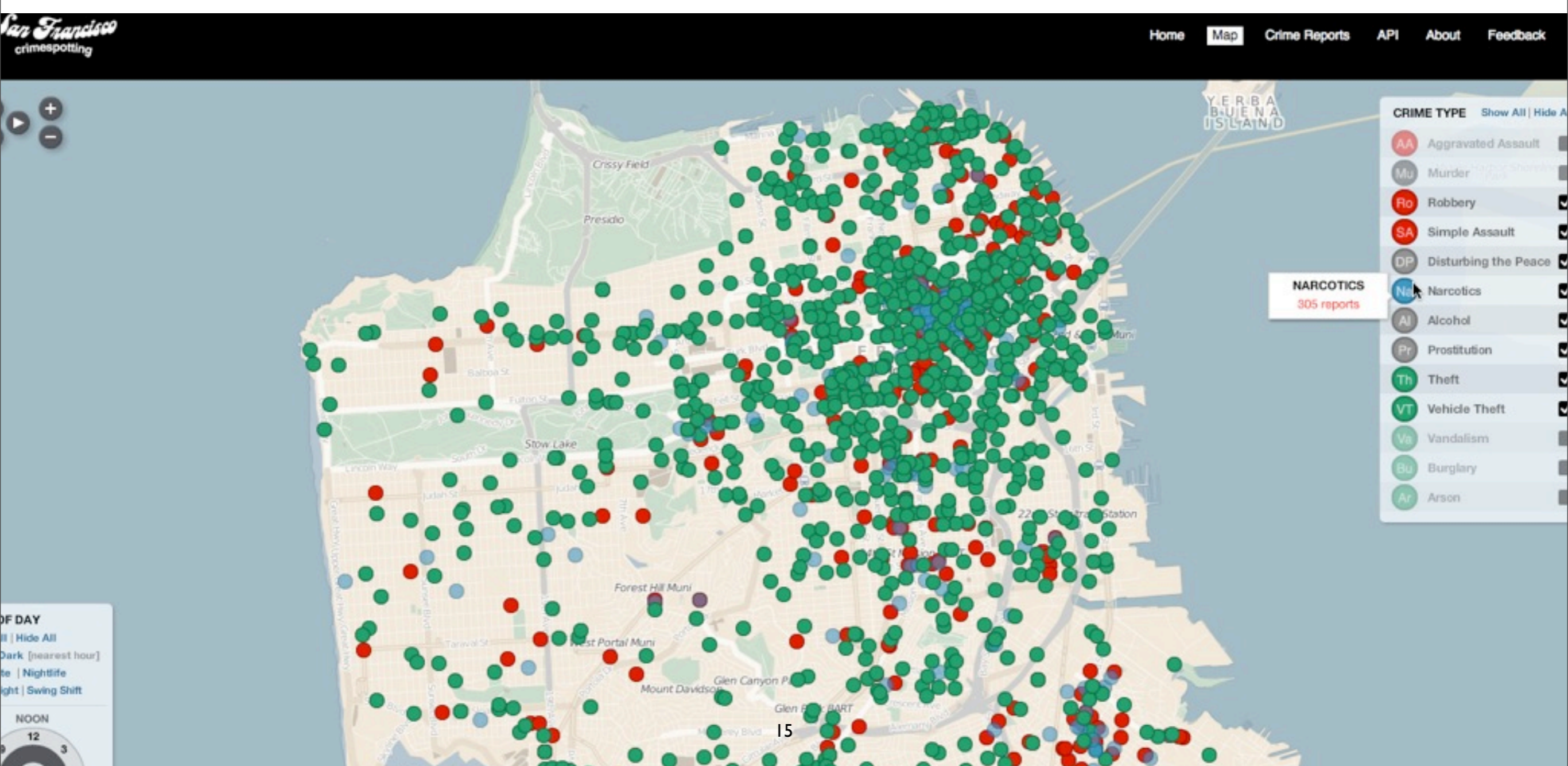
Open data examples

There are so many nice examples on open data, open government, transparency and participations. Here just a hand full:

- <http://www.data.gov/>
- <http://www.sunlightlabs.com/hackathon09>
- <http://www.mysociety.org/>
- <http://theyworkforyou.com/>
- <http://fixmystreet.com/>
- <http://pledgebank.com/>
- <http://whatdotheyknow.com/>
- <http://writetothem.com/>

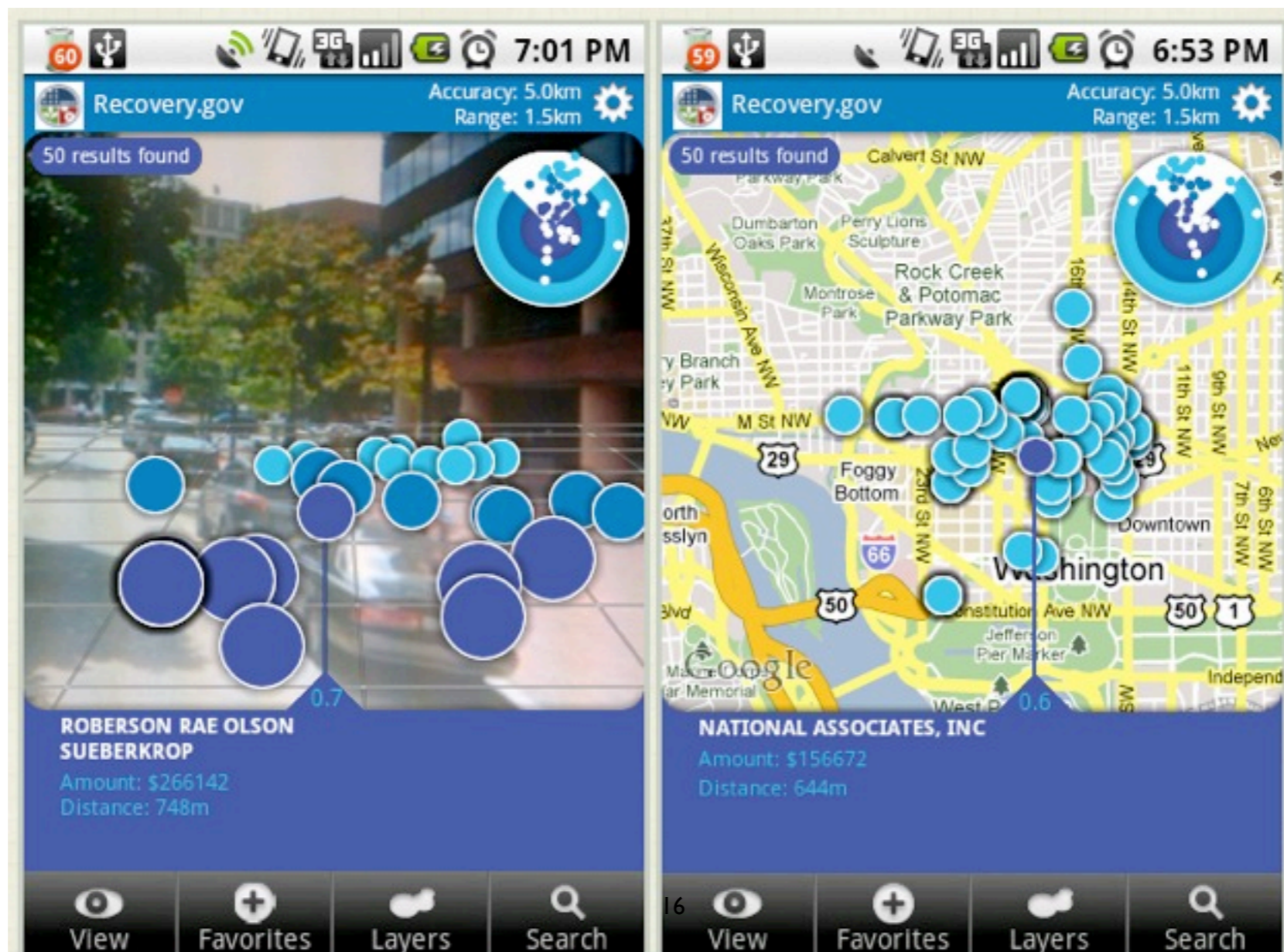
Make data visualizations

Stamens' crimespotting map'



Augmented reality with 'layar'

Visualisation of government spendings from 'recovery.gov'



Build a BCC DIY Beta

Birmingham City Council platform (£2.8 million)

Want to help? [Improve this page](#) | [Edit a page](#) | [Discuss and contribute on the WIKI](#) | [Help code this site](#)

[Change the way this site looks](#) [Signup](#) [Login](#)



BCC DIY BETA

The community-powered Birmingham City Council site that makes it easy to report problems, view planning applications and more in your local area

[Home](#) [Near me](#) [Services](#) [A-Z](#) [Tools](#) [Planning](#) [Councillors](#) [Committees](#) [Jobs](#) [Contact](#)

Take me to the

My postcode is What is ?

Useful [pages](#)

- [About BCC DIY](#)
- [Council Tax](#)
- [Education and learning](#)
- [Job search](#)
- [Libraries](#)


Useful [tools](#)

- [Bulky Waste Collection](#)
- [Pay your Council Tax online](#)
- [Pay your housing rent online](#)
- [Pest control help](#)
- [Report abandoned vehicles](#)



open kvk


a free and open alternative for kamervankoophandel.nl





ZOEK

	Bedrijfsnaam	Adres	Type	ANBI	
14081286 0000	Internetwebmaster.nl	Acaciastraat 14 6444CG Brunssum	Hoofdvestiging	Nee	faillissement
01094615	Internet Online B.V.	Postbus 120 8500AC Joure	Rechtspersoon	Nee	faillissement
09159148	Global Internet Back Office B.V.	Postbus 348 7000AH Doetinchem	Rechtspersoon	Nee	faillissement
09122577	GLV Internet Services B.V.	Postbus 348 7000AH Doetinchem	Rechtspersoon	Nee	faillissement
34149309	Stichting Dierenasiels en Internet	Weesperzijde 89 O 1091EK Amsterdam	Rechtspersoon	Ja	Actief
34221947	Stichting Internet4ALL	Eekholt 42 1112XH Diemen	Rechtspersoon	Ja	Actief
01053343 0000	Naaldkunst Internet	Einsteinweg 1 8912AP Leeuwarden	Hoofdvestiging	Nee	Actief
01056446 0000	Webspinner Internet Service	Friesmastate 6 8925LB Leeuwarden	Hoofdvestiging	Nee	Actief
01064100 0000	Mac Web Internet diensten	Parallelweg 7 A 5349AD Oss	Hoofdvestiging	Nee	Actief
01069300 0000	Waterpoort Internet Solutions	Posthoornsteeg 10 8911AT Leeuwarden	Hoofdvestiging	Nee	Actief

Meer...



 is een initiatief van  HACK DE OVERHEID

Think government and its data should be open?

It's up the **our** community to
respond, with our ideas, with our
voices, with our creativity and
our code.

-Tim O'Reilly

Get - involved!



Get - involved!



Get - involved!

- DIY!



Get - involved!

- DIY!
- Participate!



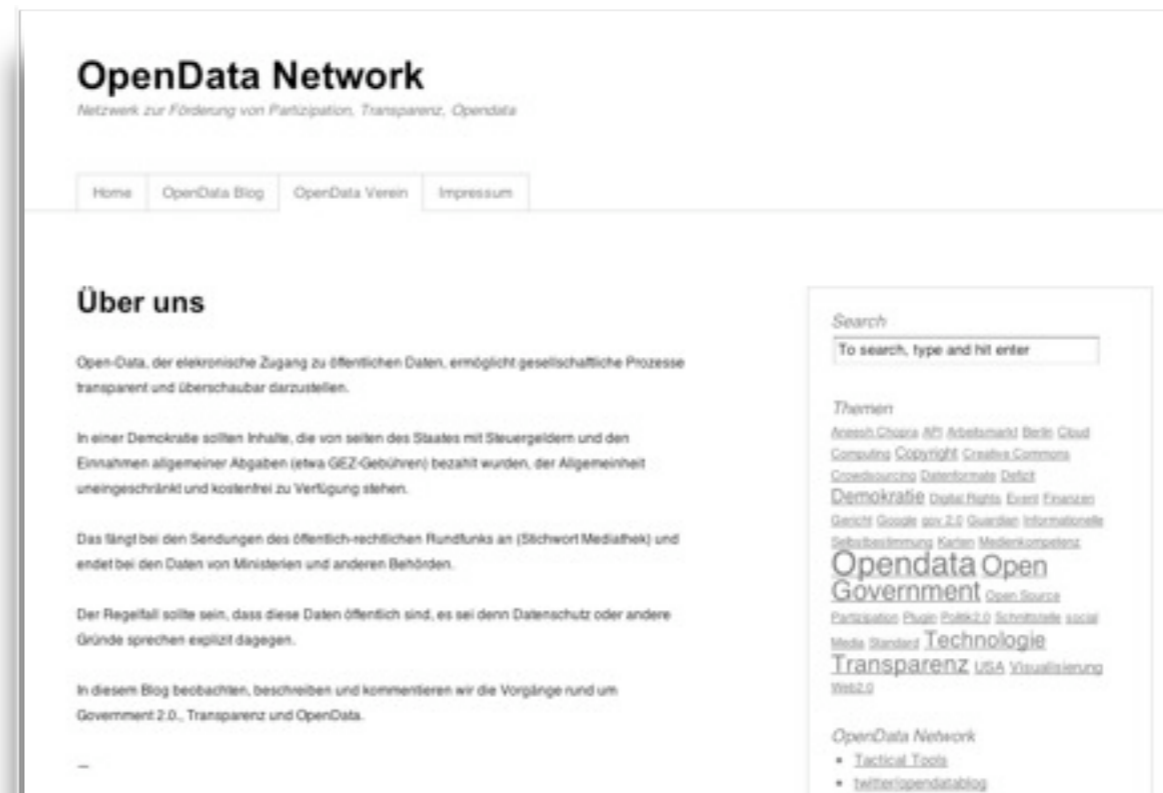
Get - involved!

- DIY!
- Participate!
- Create & Share!



Thanks!

- Opendata Hackday
- <http://opendata.hackday.net>
- @opendatahackday
- Opendata Network
- <http://opendata-network.org>
- @opendatanetwork



Credits to Urs Kleinert und Edial Dekker for inspiration and slides
Archiv City of Toronto : <http://www.flickr.com/photos/drpritch/305053820/>
Tschernoybl : <http://www.flickr.com/photos/marcofieber/3832657425/>
A travel time map for London : <http://www.flickr.com/photos/vladt/157978489/>

