

Future Strategies for Open Data

HTW Berlin
July 16, 2014



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Overview

- Review: What did we look at?
- Status Quo: Open Data in the G8
- What is being planned?
- Which data will be used how?

Review

Learned: Basics on Open Data

- What makes data open?
- What kind of data is available?
- Which positions do politics, administrations, businesses, activists and citizens take?
- What can be done with data?

Review - Details

- **Administrations:** Many institutions, many names, many sources with not so much data
- Still lots of interesting data **unavailable**
- Available data often yet “Schnarchdaten”
- **Geodata + Sensor Data** will be promising
- **Cities:** Chicago as a “data city”, Berlin setting pace for Germany, others following
- **Licenses:** Especially difficult to understand in Germany
- Not many **businesses** depending on Open Data in DE yet, quite a number in USA

Review - Details II

- Business **registers** difficult in some countries
- **Research Data:** Just at the beginning - change of game
- **Data Visualization:** Strongly growing, also in journalism
- **Public Transport Data:** Still a tragedy in some countries - bunker mentality
- **Mapping:** Alternatives to Google Maps + Open Street Map also as a data source
- **Opening Data:** Permanent Challenge of Civic Society Organizations

G8 Open Data Charter

"Group of Eight" (G8): Canada, France, Germany, Italy, Japan, Russia, UK, USA

Charter published on June 18, 2013 at 39th G8 summit

- Principle 1: Open Data by Default
- Principle 2: Quality and Quantity
- Principle 3: Usable by All
- Principle 4: Releasing Data for Improved Governance
- Principle 5: Releasing Data for Innovation

gov.uk/government/publications/open-data-charter/g8-open-data-charter-and-technical-annex

Data Charter: Details I

- Includes Best Practices and Collective Actions
 - Best Practices give more details for Principles
 - Collective Actions provide timeframe + datasets
- 1st Step: National action plans until the end of 2013 (October), implementation by 2015 at the latest
 - Country's Open Data position will be defined publicly

Data Charter: Details II

- Progress should have been reviewed by G8 at next meeting (2014) - *meeting canceled b/c of Crimea crisis*
- Government data "in the widest sense possible"
- Strong focus on consistent and understandable data (metadata, documentation, data dictionaries, guide)
- Public shall be asked about most desired data
- No restrictions on commercial and non-commercial use

Data Charter: Progress

Action Plan

- Published: CA, FR, IT, JP, RU, UK, US
 - France, Italy, Russia starting with basic datasets
 - Japan, UK, US about to thoroughly publish further high-value datasets
- Not published: Germany
(Action plan might first come at end of 2014)

Status Quo in the G8

Open Data Census - ongoing

- UK: 940 (1st)
- USA: 870 (3rd)
- Germany: 610 (11th)
- Canada: 590 (12th)
- Italy: 515 (19th)
- France: 510 (21st)
- Japan: 460 (28th)
- Russia: 425 (36th)

national.census.okfn.org

G8 Open Data - Outlook

- Charter vague on data for improved governance
- Exemptions are possible - what will individual states do?
- Russia scores lowest (425 points vs. UK's 940)
 - Low interest in accountability
 - High interest in economic growth
 - Recently left Open Government Partnership
- UK won't make register of 'real owners' publicly accessible ("company beneficial ownership")
- Germany and Canada could make big progress

US Data Policy - Outlook

- Open and machine readable is default for government information since May 9, 2013
- Repository of tools and practices
project-open-data.github.io
 - Agency must have /data page
 - Common Core Metadata
 - Tools for APIs, JSON, Geodata
 - Resources & Case studies

USA - Implementation

- Within 90 days top level officials for spending and grants have to identify and begin measures
- Within 90 days Chief Performance Officer (CPO) shall establish goal for tracking implementation
- Within 180 (210) days agencies have to report progress on the implementation
- Progress of Agencies: data.civicagency.org/offices

USA - Outlook III

Consumer Data - Smart Disclosure

- Making data directly available to consumers
- Making data directly available to innovators in order to build tools for consumers

data.gov/consumer

Open Data Action Plan

- sunlightfoundation.com/blog/2014/05/13/u-s-open-data-action-plan-better-late-than-never

Germany - Outlook

- Implementation of G8 Charter?
 - No German translation yet
 - Strong Delay by Elections + Coalition Talks
- Federal Asymmetries: Hamburg + Bremen far ahead, others focus mainly on efficiency aspects of E-Gov
- Planning Council "IT-Planungsrat" coordinates federal + national initiatives
- National Open Data Infrastructure needed
- National Open Data Law needed (or in E-Gov law)

Germany - Outlook II

- Planned to join Open Government Partnership in 2015 (initiative for open gov + transparency)
- Govdata.de being evaluated and relaunched
 - Transition from prototype to official
 - Improved usability
 - Number of datasets and data providers increasing
- Data only re-used by small group of specialists
 - Number of educational programs necessary

Future Use of Open Data

Abundance of Data

- Open by default
- APIs and web services
- Easy analysis needed
- Data literacy as standard
- Ease of use
- Apps find data for users
- Interaction with sensor data

Privacy Questions

- No Data = Hiding Things?
- How do individuals deal with data?
- Big Data: How will governments use internally?

Further Information

- Open Government Partnership: opengovpartnership.org
- Open Gov Guide: opengovguide.com
- New Zealand - Open Data Case Studies:
ict.govt.nz/programmes/open-and-transparent-government/open-data-case-studies
- Open Data Barometer: opendataresearch.org/barometer
- G8 Charter - Analysis of basic implementation: g8.utoronto.ca/evaluations/2013compliance-interim/10-2013-g8-compliance-interim-ict.pdf
- G8 - Company data in the UK:
blog.opencorporates.com/2014/07/15/stop-press-uk-companies-house-to-go-fully-open

Background - Germany

- German National E-Gov Strategy (2010):
it-planungsrat.de/SharedDocs/Downloads/DE/Strategie/National_E-Government_Strategy.pdf
- German E-Government Law:
cio.bund.de/SharedDocs/Kurzmeldungen/DE/2013/EGovG.html
- IT Planungsrat:
it-planungsrat.de/DE/Home/home_node.html
- Evaluation of GovData.de:
govdata.de/neues/-/blogs/fertig-die-ergebnisse-der-govdata-evaluation-liegen-vor

Background - US

- Memorandum: Open Data Policy - Managing Information:
project-open-data.github.io/policy-memo
- Executive Order on Open Data:
whitehouse.gov/the-press-office/2013/05/09/executive-order-making-open-and-machine-readable-new-default-government-
- Report: Smart Disclosure and Consumer Decision Making:
de.scribd.com/doc/144694416/Report-of-the-Task-Force-on-Smart-Disclosure-FINAL
- Tools for Government Agencies:
howto.gov/services-tools/tools-government-agencies