



Berner Fachhochschule
Haute école spécialisée bernoise
Bern University of Applied Sciences

OGD International

Open Data Vorlesung

Prof. Dr. Alessia C. Neuron

Donnerstag 10. März 2016, 11h15-12h00
UniS, U1/A-122, Schanzeneckstrasse 1, Bern

Staat der Zukunft | Public Value | «Quadruple Helix»

«Innovation and entrepreneurship are thus needed in society as much as in the economy, in public-service institutions as much as in businesses.»
(P. Drucker, 1985)



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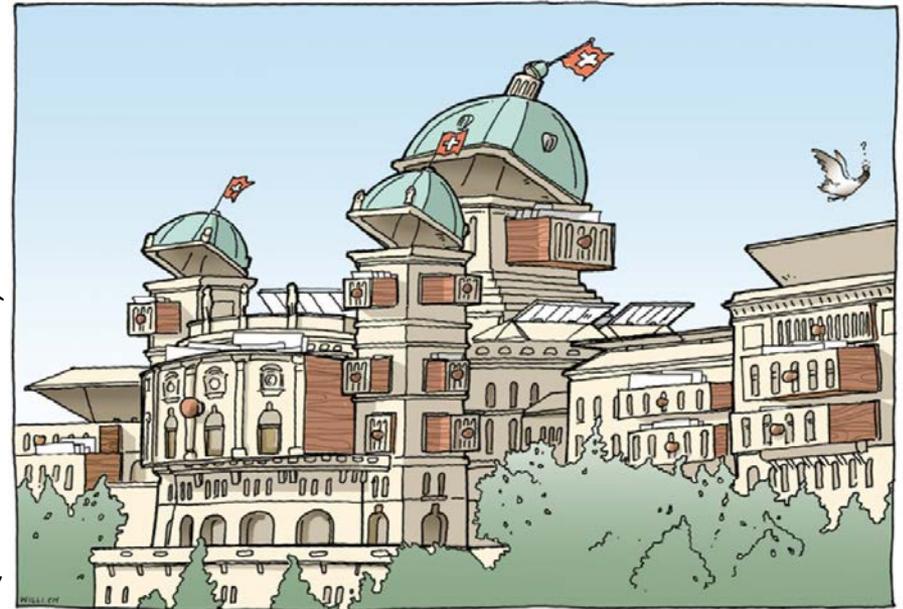
Vergleichende Analyse: Inspiration, Orientierung und Druckmittel

Editorial cartoon published March 16, 2006 : open government

Quelle: adamzyglis.com 2006



Quelle: Golliez 2011, www.willi.ch



« If Switzerland is not yet a model regarding the opening of public data, it is a student who learns quickly.»
(A. Kellerhals, opendata.ch/2015, 1.7.2015)



Agenda «OGD International»

**Open Gov
Partnership**

1

Mission
Strategie
Deklaration

**Open Data
Charta (G8)**

2

Intention
Akteure
Prinzipien

**Open Data
Index (OKFN)**

3

Datasets
Methodik
Top 10

**Open Data
Barometer (3WF)**

4

Ranking/ Clusters
Dimensionen
Massnahmen

Open Government Partnership

Open
Government
Partnership



Quelle: <http://www.opengovpartnership.org/>

Für wissenschaftliche Literatur zu OGD policies:

Zuiderwijk, A. / Janssen, M. (2014): Open data policies, their implementation and impact: A framework for comparison. In: Government Information Quarterly 31, 17-29.

OGP: Mission und Strategie



- ▶ «OGP's vision is that more governments become **sustainably more transparent, more accountable, and more responsive to their own citizens**, with the ultimate goal of **improving the quality of governance, as well as the quality of services that citizens receive**. This will require a shift in norms and culture to ensure genuine dialogue and collaboration between governments and civil society.»
 - ▶ Maintain high-level political leadership and commitment to OGP within participating countries
 - ▶ Support domestic reformers with technical expertise and inspiration
 - ▶ Foster more engagement in OGP by a diverse group of citizens and civil society organizations

Open Government Declaration (2011)



Through endorsing this Declaration, countries commit to «foster a **global culture of open government** that empowers and delivers for citizens, and advances the **ideals of open and participatory 21st century government.**»

«(...)Together, we declare our commitment to:

- ▶ Increase the **availability of information** about governmental activities
- ▶ Support **civic participation**
- ▶ Implement the highest standards of **professional integrity** throughout our administrations
- ▶ Increase **access to new technologies** for openness and accountability.»

Open Data Charta der G8-Länder

Policy paper

G8 Open Data Charter and Technical Annex

Published 18 June 2013

Contents

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

Quelle: <https://www.gov.uk/government/publications/open-data-charter/g8-open-data-charter-and-technical-annex>

«Open is the new normal» (2013)

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- ▶ Die G8-Mitglieder versprechen in der Erklärung **so viele Daten wie möglich**, in einer Form, die **für alle zugänglich** ist, zu veröffentlichen
- ▶ Im Rahmen der einzelnen Mitgliedsländer sollen dafür bis Ende 2013 nationale Aktionspläne entstehen und die dort festgeschriebenen Fortschritte 2014 überprüft werden. Eine **Implementierung der Prinzipien für offene Daten in die Politik** der G8-Staaten sowie deren **technischer Implikationen** soll bis 2015 abgeschlossen sein
- ▶ Die Unterzeichnerländer verpflichten sich damit u.a. Haushaltsdaten, Unternehmensregister und andere Regierungsinformationen öffentlich zugänglich zu machen und **sich gänzlich zur Offenheit zu bekennen, auch um "Transparenz und Innovation" zu fördern**

Unterzeichner verpflichten sich zu sechs politischen Prinzipien

Contents

1. Principle 1: Open Data by Default
2. Principle 2: Quality and Quantity
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- ▶ In der Verpflichtung zu den Prinzipien für offene Daten sieht man laut der Erklärung, «eine neue Ära, in der Menschen offene Daten verwenden können, um Ideen und Dienstleistungen zu generieren, die eine bessere Welt für alle schaffen.» (Quelle: [OKFN-Blog](#))

Global Open Data Index



Open Knowledge
Foundation

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

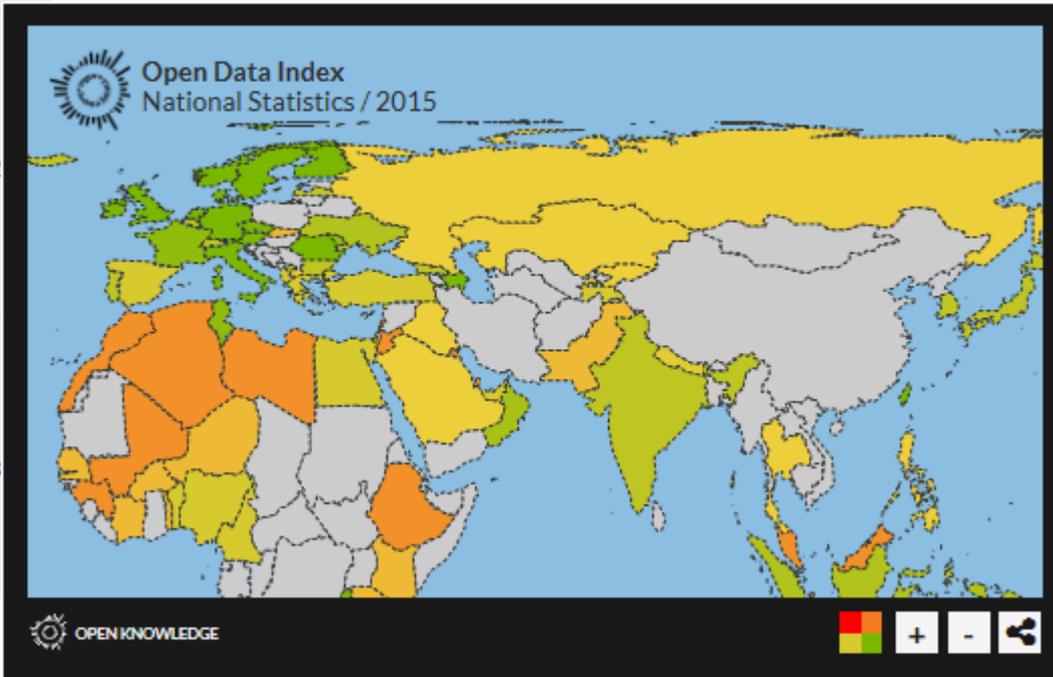
Open Data Index: Datasets und Top 10



Rank	Place	National Statistics	Government Budget	Legislation	Procurement tenders	Election Results	National Map	Weather forecast	Pollutant Emissions	Company Register	Location datasets	Water Quality	Land Ownership	Government Spending	Score
1	Taiwan	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	78%
2	United Kingdom	Green	Green	Green	Green	Red	Green	Green	Green	Green	Green	Green	Green	Green	76%
3	Denmark	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	70%
4	Colombia	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	68%
5	Finland	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	67%
5	Australia	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	67%
7	Uruguay	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	66%
8	United States	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	64%
8	Netherlands	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	64%
10	Norway	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	63%
10	France	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	63%

Open Data Index: Dataset overview

Rank	Title	Description	Best	
1	National Statistics	<p>Key national statistics such as demographic and economic indicators (GDP, unemployment, population, etc). To satisfy this category, the following minimum criteria must be met:</p> <ul style="list-style-type: none"> • GDP for the whole country updated at least quarterly • Unemployment statistics updated at least monthly • Population updated at least once a year 	<p>100% Romania Taiwan Luxembourg Colombia Azerbaijan Brazil Rwanda Mexico Austria United Kingdom Denmark Czech Republic United States Sweden Norway Ireland Netherlands Italy Finland Germany Canada Australia</p>	56%
2			<p>100% Taiwan France Luxembourg Paraguay Finland Korea, Republic of Hong Kong Czech Republic Italy Isle of Man Netherlands United States Canada United Kingdom Norway Uruguay Chile Mexico Denmark Australia Germany</p>	55%
3			<p>100% United Kingdom Brazil Romania Taiwan Finland United States</p>	49%



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

Open Data Index: Switzerland



2015

Search

Switzerland ×

See other years

2014 2013

Share or embed this page

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2014

Search

Switzerland ×

See other years

Current 2013

Share or embed this page

[Twitter](#) [Facebook](#) [Google+](#)

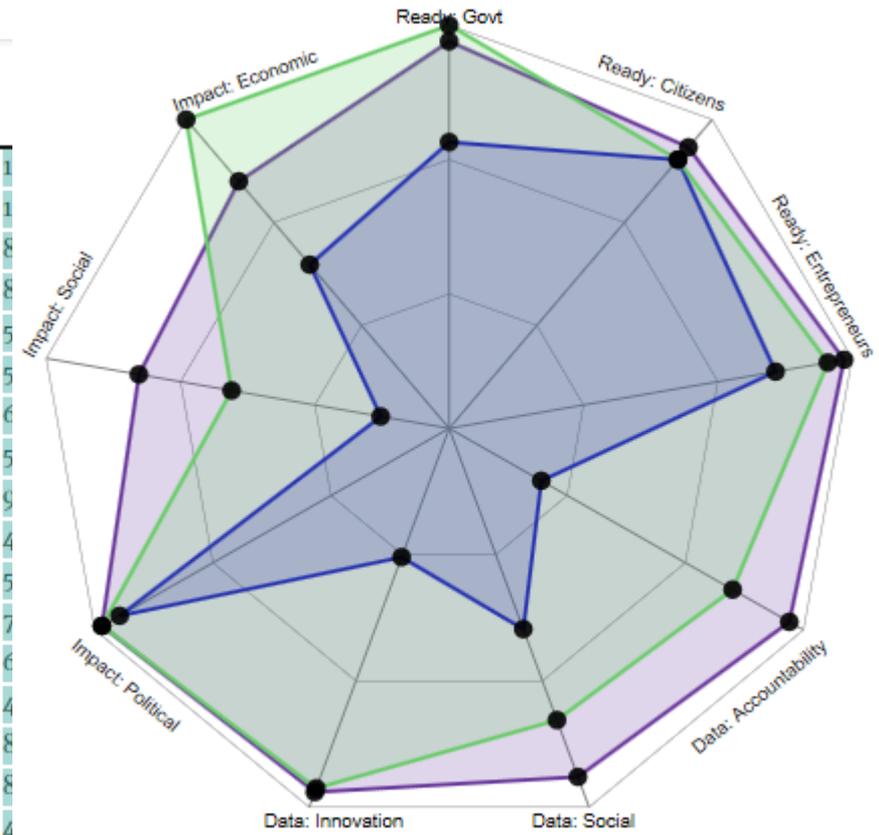


Open Data Barometer Survey



Country Ranking & Clusters

Country	Barometer Rank	ODB Scaled	Readiness (Scaled)	Implementation (Scaled)
UK	1	100	98	100
US	2	92.66	96	88
Sweden	3	83.7	100	76
France	4	80.21	91	75
New Zealand	4	80.01	81	88
Netherlands	6	75.79	95	76
Norway	7	74.59	88	73
Canada	7	74.52	90	75
Denmark	9	70.13	94	54
Australia	10	68.33	92	69
Germany	10	67.63	85	67
Finland	12	66.49	93	54
Estonia	13	60.18	84	51
Spain	13	59.89	78	60
Chile	15	58.7	69	73
Austria	15	58.52	83	42
Czech Republic	17	58.07	64	61
Korea	17	57.65	79	54
Japan	19	53.58	81	53
Israel	20	52.97	70	51
Brazil	21	52.13	66	63
Switzerland	22	51.33	81	38
Italy	22	50.58	55	54
Mexico	24	50.09	67	54
Uruguay	25	49.37	66	51



UK
 US
 Switzerland

[Update](#)

43 Pakistan,
 9 Malawi,
 63 Venezuela,
 36 egypt,
 24 Botswana,
 29 , Zambia,
 Yemen, Cameroon, mali, Haiti,
 Myanmar

Quelle:
<http://www.opendatabarometer.org/report/analysis/rankings.html>

Country Explorer (2014): Switzerland

2014

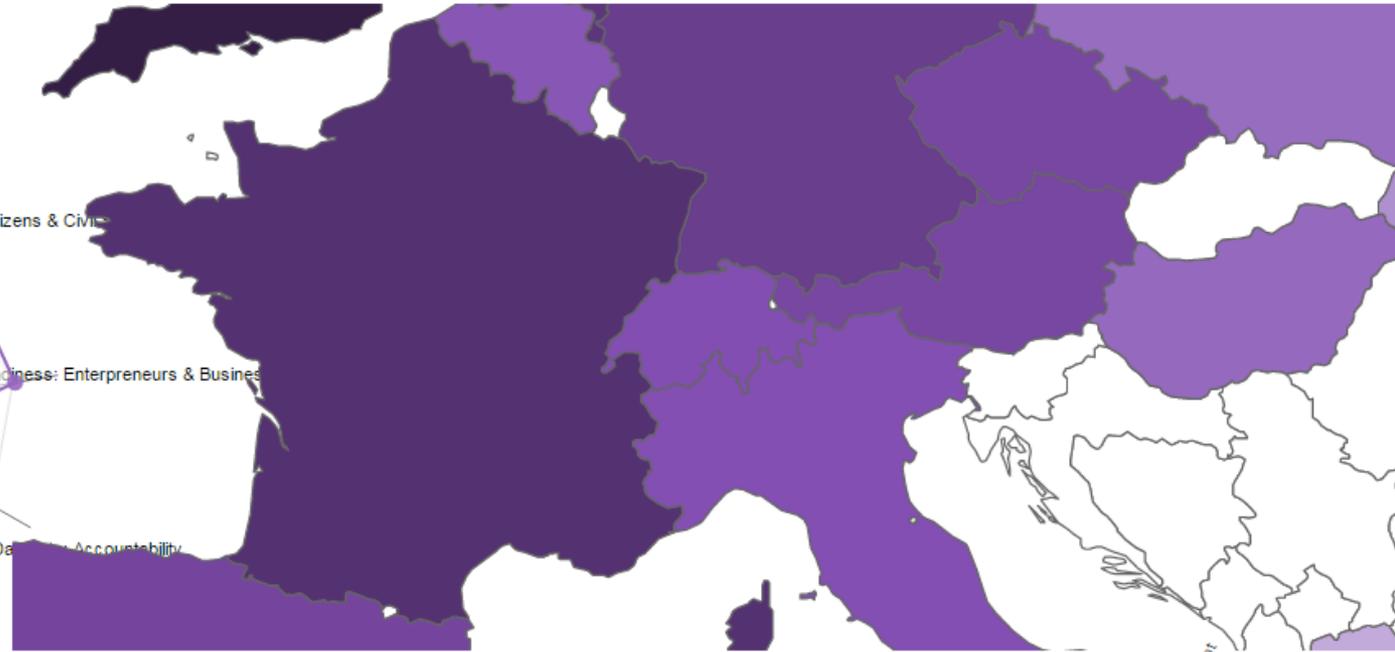
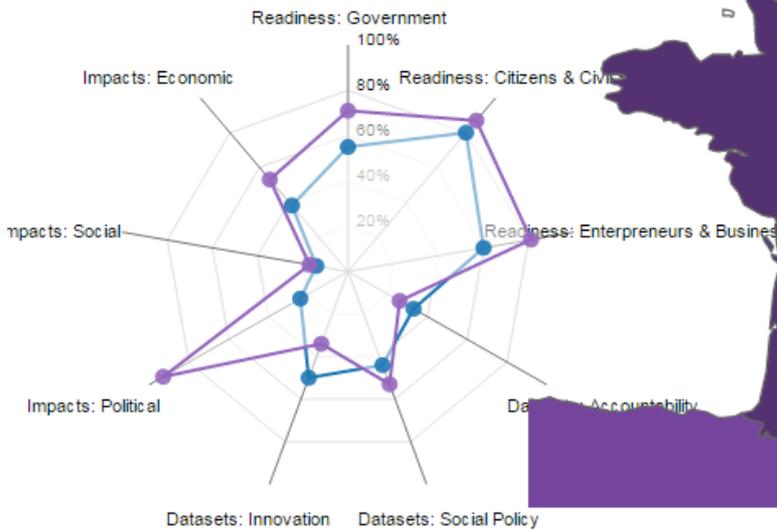


Switzerland

SSSS

22/86

Score: 51.33
+8.09



OpenData Barometer

License: CC-BY-SA | Visualisation by David Tarrant | Full report | Get the data

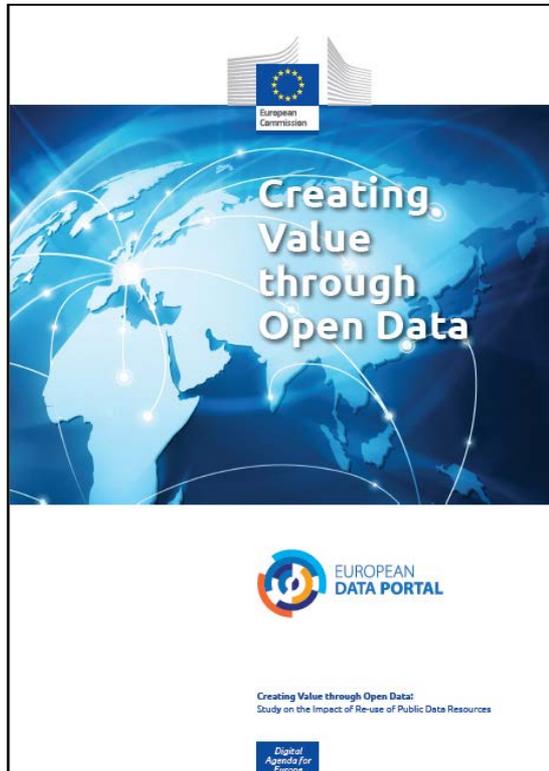


Quelle: <http://www.opendatabarometer.org/report/analysis/explorer.html>

Key steps needed to ensure the «data revolution»

- ▶ **High-level political commitment** to proactive disclosure of public sector data
- ▶ Sustained investment in **supporting and training a broad cross-section of civil society and entrepreneurs** to understand and use data effectively
- ▶ **Contextualizing open data tools and approaches to local needs**, for example by making data visually accessible in countries with lower literacy levels
- ▶ **Support for city-level open data initiatives** as a complement to national-level programmes
- ▶ **Legal reform** to ensure that guarantees of the right to information and the right to privacy underpin open data initiatives (Quelle: <http://www.opendatabarometer.org/report/summary/index.html>)

Datenpolitik in der EU und in der OECD



https://www.europeandataportal.eu/sites/default/files/edp_creating_value_through_open_data_0.pdf



<http://www.oecd.org/sti/ieconomy/data-driven-innovation.htm>





Zusammenfassung «OGD International»

Zum Thema Datenpolitik

- ▶ Weltweit auf der Agenda
- ▶ Motivation:
 - ▶ Förderung wirtschaftlicher Entwicklung und Innovation
 - Mehr Transparenz des Verwaltungshandelns
 - Grösseres Vertrauen in das staatliche Handeln
 - Bessere und intensivere Zusammenarbeit
 - Bessere Governance
 - Stärkere politische Partizipation
 - Förderung sozialer und kulturelle Innovation
- ▶ Schweiz ist bei internationalen Bemühungen nicht dabei

Zum Thema Open Data Studien

- ▶ Tim Berners-Lee und Rufus Pollock mischen mit
- ▶ «10 Studien – 10 unterschiedlichen Rankings» (Limitations)
- ▶ Schweiz im ersten Viertel beider Studien

Vielen Dank für die Aufmerksamkeit

The image is a screenshot of the IODC 16 website. The background is a panoramic view of Madrid, Spain, at sunset, with the city lights beginning to glow. In the foreground, the ornate, golden statue of the Virgin Mary on the roof of the Hotel de Ville is visible. The website layout includes a red header with the IODC 16 logo (a globe) and the text 'IODC 16 MADRID, SPAIN'. Navigation links for 'IODC 16', 'Call For Proposals', 'Blog', and 'Roadmap' are in the top right. Social media icons for Facebook, Twitter, and a search icon are also present. A language selector shows 'English / Spanish'. The main content area features the text '4th IODC Madrid. October 6-7, 2016 Global goals, local impact' and the hashtag '#IODC16'. Two call-to-action boxes are overlaid on the right: 'FAQ +info' and 'Call for Proposals'. A vertical sidebar on the far right contains social media icons for Facebook (with 280 likes), Twitter, Email, and a crown icon.

Quelle: <http://opendatacon.org/>

alessia.neuroni@bfh.ch