

Open Government Data in Austria

Organisation, Procedures and Uptake

SharePSI 2.0 - Samos Summit

30. June 2014

Johann Höchtl & Peter Parycek
Danube University Krems

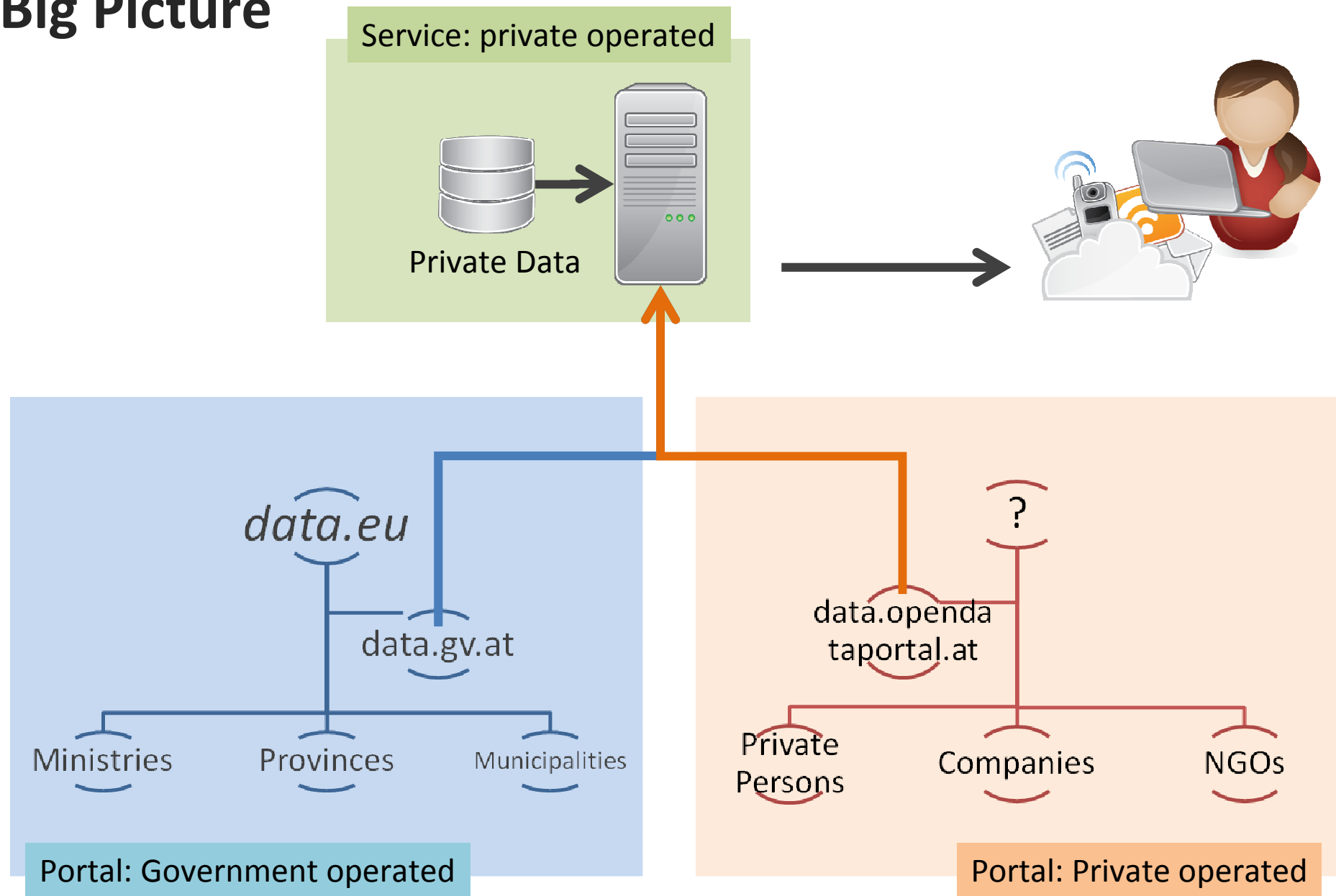


Share-PSI 2.0



I O[G]D in Austria

Big Picture



Data Marketplace & Workbench

The screenshot displays the homepage of data.gv.at, the Austrian Open Data Portal. The header features the logo, a search bar with the placeholder 'Suchbegriff (z.B. Finanzen, Wahlen)', and a navigation menu with links to 'Startseite', 'Katalog', 'Anwendungen', 'News', 'Hintergrund-Infos', 'Netiquette', and 'Kontakt'. A banner below the header reads 'offene Daten Österreichs – lesbar für Mensch und Maschine' and lists the values 'Vielfalt, Transparenz, Offenheit, Demokratie'. It describes the portal as a 'Katalog offener Datensätze und Dienste' based on 'Open Data-Prinzipien'. A callout box on the right, titled 'UN Public Service Award', features the UN logo and a graphic of three people holding hands under a 'PUBLIC SERVICE' sign.

data.gv.at – offene Daten Österreichs

Aktuell: apps4austria Wettbewerb mit Preisen im Gesamtwert von über 15.000 Euro API

Suchbegriff (z.B. Finanzen, Wahlen) Suche starten

Datenkatalog Anwendungen & News → Katalog durchstöbern

Startseite Katalog Anwendungen News Hintergrund-Infos Netiquette Kontakt

offene Daten Österreichs – lesbar für Mensch und Maschine

Vielfalt, Transparenz, Offenheit, Demokratie

data.gv.at bietet einen Katalog offener Datensätze und Dienste aus der öffentlichen Verwaltung, welche auf den Open Data-Prinzipien basieren.

Sie können diese Daten frei nutzen – zur persönlichen Information und auch für kommerzielle Zwecke wie Applikationen oder Visualisierungen. Details hierzu finden Sie im Menüpunkt Netiquette.

Mehr Hintergrundinfos erhalten Sie auch im Video "Was ist Open Data?"

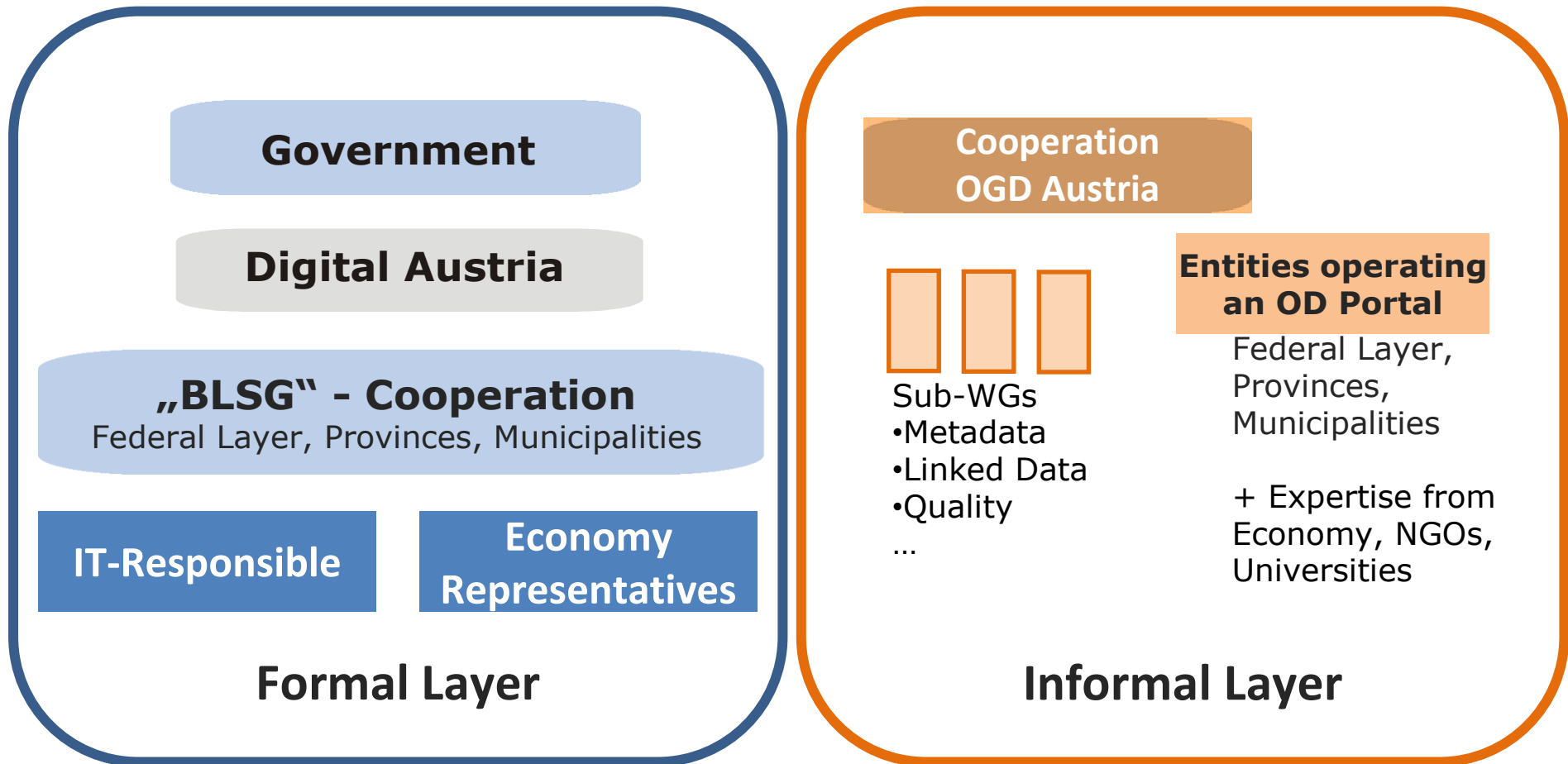
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UN Public Service Award

Open Data Portal for Companies, Science, Civil Society Organizations, People, Machines, ...



Governance Framework



Organisation

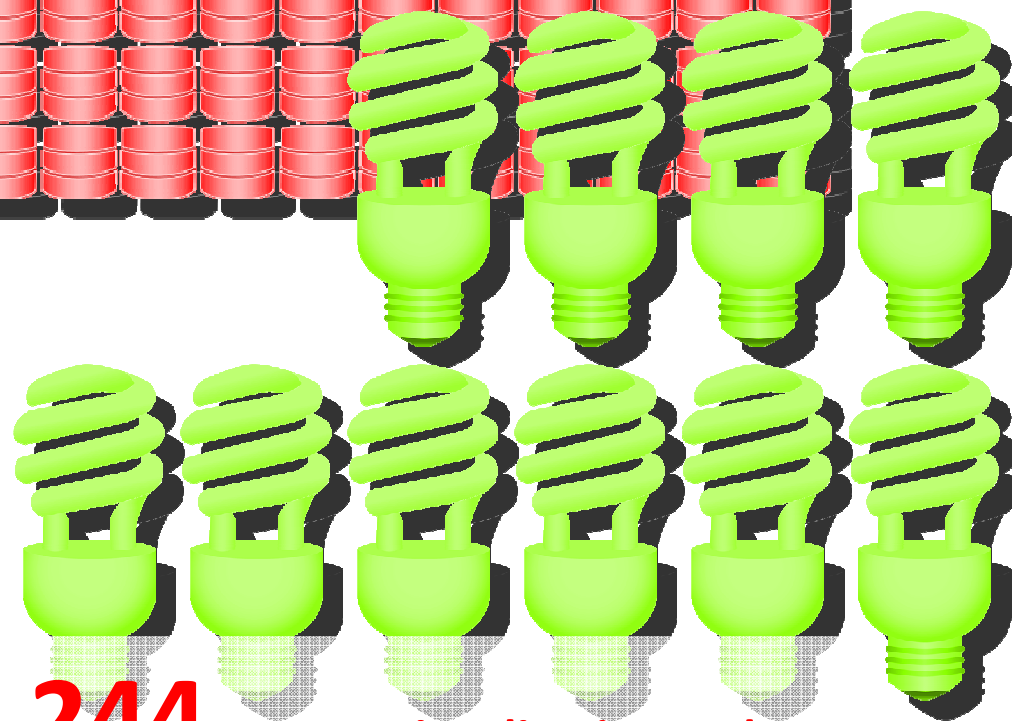
- Benefits
 - Collaboration of the apt and willing
 - Attitude of good enough → quick results
 - Broad pool of knowledge – broad consensus
- Challenges
 - Organisational self-sustainability
 - Phasing of informal results into formal regulation
 - Relevance

1,262 Datasets



19.3%

Implementation rate



244 Apps, Visualisations, Ideas

Exapmle: 1 Data Set: 14 Apps

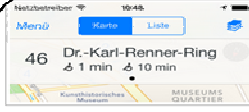


Katalog


Wiener Linien - Echtzeitdaten

Echtzeitdaten der Wiener Linien. Der Developer-API-Key, kann über folgendes Formular beantragt werden:
[Anmeldung Keyanforderung](#)


Eindeutiger Identifikator	add66f20-d033-4eee-b9a0-47019828e698
Datum des Metadatensatzes	2014-03-11
Datenverantwortliche Stelle	Wiener Linien GmbH & Co KG
Lizenz	Creative Commons Namensnennung 3.0 Österreich
Zeitliche Ausdehnung	2014-03-04 00:00




One2Go
Eingereicht von Stefan Poremba, <http://www.one2go.at>
One2Go ist ein Startup-Projekt, welches sich intensiv mit Open Data beschäftigt. Sehen Sie jederzeit aktuelle Abfahrtszeiten in Ihrer Umgebung. Haltepunkte [...]




Up Down Vienna
Eingereicht von Sindre Wimberger, <http://www.sindre.at>
Gemeinsam mit BIZEPS – Zentrum für Selbstbestimmtes Leben – wurde die Web-App „Up Down Vienna“ entwickelt. Ziel der App ist [...]




goÖffi - Wien
Eingereicht von Peter Pratscher, <http://www.gooeffi.at>
Mit goÖffi können Abfahrtszeiten der Wiener Linien unkompliziert und in Echtzeit abgerufen werden. Einfach die gewünschte Station eingeben und umgehend [...]



Wann – Deine Abfahrten. Sofort.
Eingereicht von Patrick Wolowicz, <http://subzero.eu>
Du startest Wann und erfährst augenblicklich, wann und wo dein nächster Bus, deine nächste Bim oder deine nächste Bahn fährt. [...]



Vienna RealTime
Eingereicht von Christoph Wille, <https://github.com/christophwille>
Vienna RealTime zeigt die Abfahrten an Haltestellen der Wiener Linien. Haltestellen können nach Name, Linie und in der Nähe der [...]



Willi – Wiener Linien
Eingereicht von Sebastian Höbarth, <http://www.mobilefactory.at>
Willi ist ein kostenloser Routenplaner für Smartphones. Der aktuelle Fahrplan von Öffis sowie alle Abfahrtszeiten werden unter Berücksichtigung eventueller Verspätungen [...]

Open Data Austria **Success factors**

- **Technical Interoperability**

- Meta-Data Schema Standardisation
- No URI concept => but URL schema
- CKAN Interface for collecting metadata

- **Legal Interoperability**

- One Licence! Creative Commons: CC BY
- Clear Focus on **no** legal framework – It's not about PSI and FOI

- **Organisational Interoperability & Aspects**

- Agile and open Cooperation (Administration, Science, CSO e.g. OKF AT)
- De facto Standard (Meta Data, URI and Licence)
- One central portal which combines federal open data portal

II Insights

Provider Engagement

- Goal
 - Release more (quality) data
 - Adhere to specifications
- Challenges: Convince the undecided department heads
- Measures
 - Transport the benefits of open data and open innovation
 - Virtual competence centre assisting in answering questions and helping out with administrative publication processes
 - Focus groups with head of departments and implementers to give both proponents and opponents an auditorium
 - Information campaigns: What is open data, open government and shareconomy; Success stories of external users & internal providers
 - Develop open data success indicators for departments

User Engagement

- Goal
 - Motivate users to realize implementations
 - Stakeholder networking
- Challenge: Mind-set of “We already provided for free”
- Measures
 - Create a community dissemination platform
 - Involvement of community key players as multipliers
 - Competitions and Hackathons aligned eg. with University curricula, awards aligned with festivals and “direct marketing”
 - Train the trainer programs: Teachers including OD basics in informatics, geography and mathematics.

Changes in Government Perspective

- New or changed organisational responsibilities: Data responsible / department; central data structure and methodology coordinator.
- Increased Data Quality and common understanding
- Open Data portal as a “poor mans information management” platform
- Streamlined (Publication Processes)
- Trend towards higher level infrastructure services
- Administration retracts to it's core business

Changing Motivation & Value Creation

- Motivations
 - 2012: Technical challenge
 - 2013: Be part of it: Name dropping at Open Data Challenge
 - 2014: Sophisticated Business models, combining Open government Data and Private data, freemium and premium models.
- Value creation
 - Open Data Challenge 2013: Visualisations created from Austrian data sets from abroad
 - Improved public transport scheduling application with more accurate and user friendly results: More tourists in remote areas off the beaten track, 16% of downloads from devices registered outside Austria
- Further new aspects:
 - Risk reduction and Easier time to market
 - Indirect revenue circles: increased usability for the benefit of more

III Reco

Recommendations – Strategic measures

1. Ongoing topic oriented data publication phases
2. Community Building and new partners e.g. Universities
Research Institutions
3. Include creative methodologies and analytical competences
in education and training programs;
4. Promote a **legal framework/OGD** that makes OGD an integral
part of department actions.
5. Include OGD portals into Participation and Collaboration
6. Develop new success indicators for administrative
departments
7. Create OGD Quality process

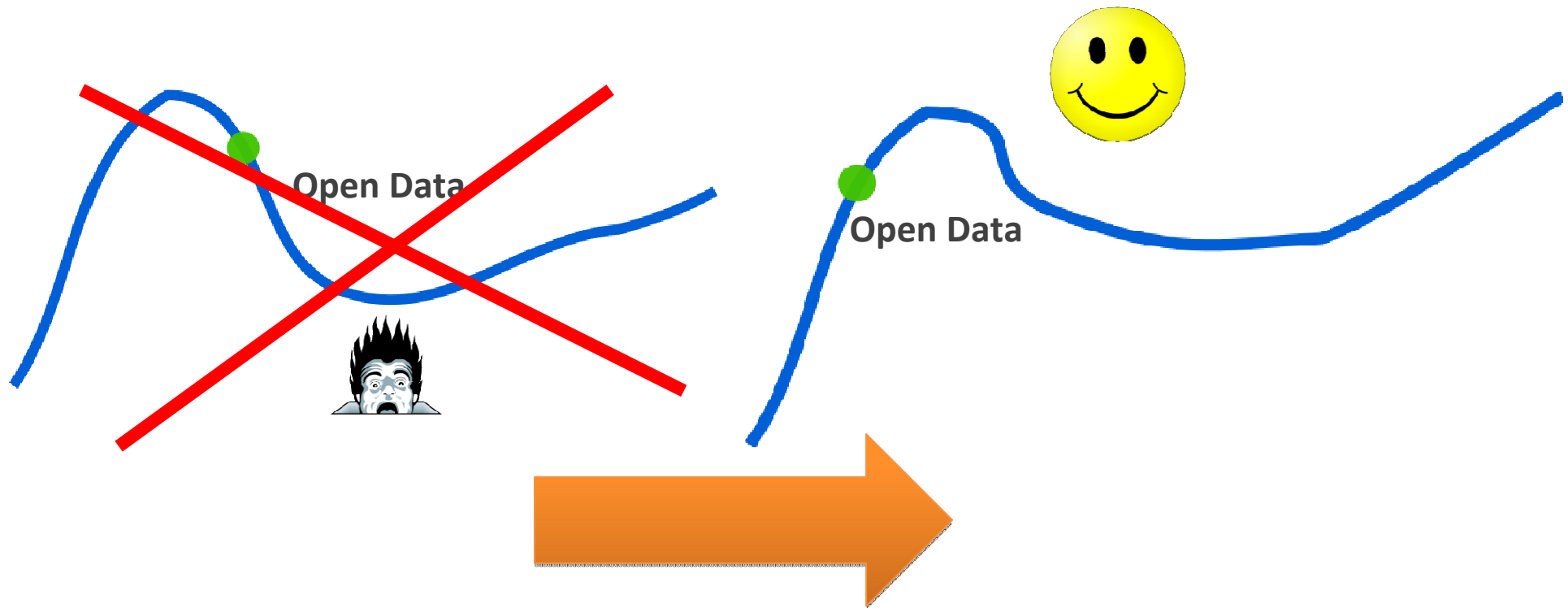
Recommendations – Technical Layer

1. Implement a cross-department information management system;
2. Harmonization of data representations and comparability of OGD through code lists and thesauri;
3. Provide data inspection and generic visualizations tools on the O(G)D platform such as points of interest or time series related data.

Recommendations – Fulfilling Expectations

1. Stakeholder specific target group management
2. Networking between different target groups
3. Publication of political sensitive data
4. Homogenous data standards
5. OGD backed by legal framework

GSS Hype Cycle - Refrain from the trough of despair



Call for Papers



Submission Deadline:
15 July 2014



Submission Deadline:
30 July 2014



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THANK YOU FOR YOUR ATTENTION

Organisation

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