

ODEATION: Open Data IdEATION

1st WU Workshop on Open Data & Ideas



Who we are



Institute for Information Business



Prof.
Axel Polleres



Dr.
Jürgen Umbrich



Dr.
Javier Fernandez

Sebastian Neumaier



Institute for Strategy, Technology and Organization



Prof.
Christopher Lettl



Dr.
Christian Garaus



Tom Grad

Workshop Agenda

- ① Introduction (9:00 – 9:40)

- ② Workshops (10:00 – 11:30)
 - ❖ Data workshop TC 1.01
 - ❖ Creativity workshop TC 2.01

- ③ Morning wrap up

- ④ Open Space (13:00 – 15:00)
 - ❖ Ideas and their realisation

ODeation: Motivation

Open Data



you



Ideation



What is Open Data!



Open Data in a nutshell

*Freely available data,
published in an machine readable forma
which allows everybody
to do everything without restrictions
at anytime*



see more at: <http://opendefinition.org/okd/>

Open Data in a nutshell

*Freely available data,
published in an machine readable forma
which allows everybody
to do everything without restrictions
at anytime*



see more at: <http://opendefinition.org/okd/>

Open Data Definition

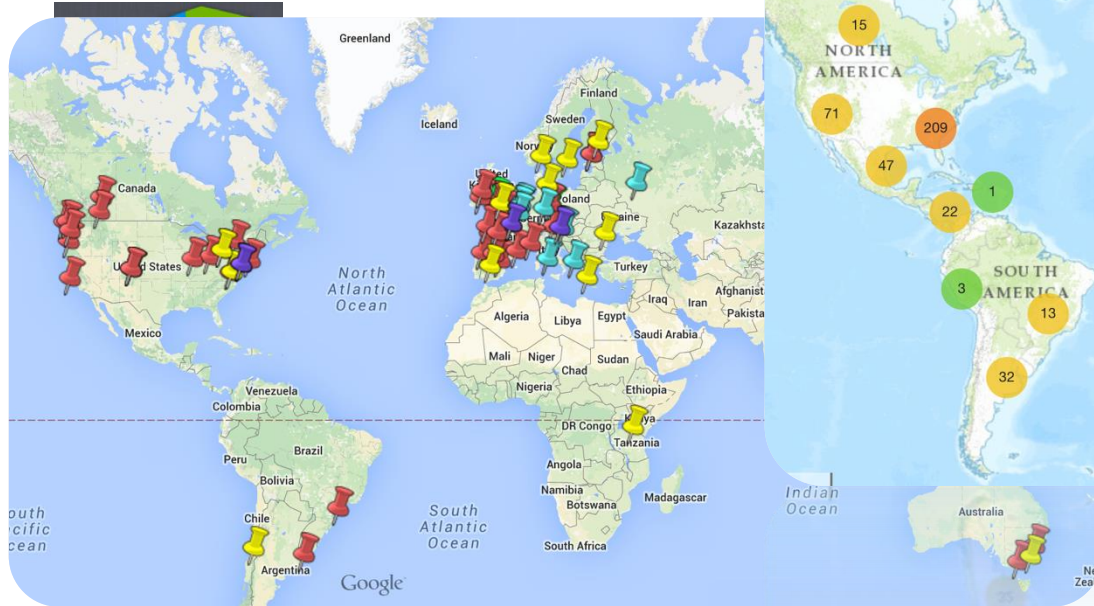
Availability and Access

Reuse & Redistribution

Universal Participation

interoperability

Open Data a global trend



What data is available

The screenshot shows the 'Themen' (Topics) section of the Open Data Portal Österreich. At the top, there is a navigation bar with links for HOME, DATEN, THEMEN, ANWENDUNGEN, DATENTOOLS, NEWS, ÜBER UNS, and PRESSE. Below the navigation bar, the text reads: 'Hier finden Sie alle Inhalte des Open Data Portal Österreich in unterschiedliche Themenbereiche gegliedert. Angezeigt werden in jedem Themenbereich die entsprechenden Highlights, die im opendataportal.at vorhandenen Datensätze sowie News und Anwendungen zum jeweiligen Thema.' Below this text, there is a grid of 14 circular icons representing various topics: Arbeit, Bevölkerung, Bildung & Forschung, Finanzen & Rechnungswesen, Geographie & Planung, Gesellschaft & Soziales, Gesundheit, Kunst & Kultur, Land- & Forstwirtschaft, Sport & Freizeit, Umwelt, Verkehr & Technik, Verwaltung & Politik, and Wirtschaft & Tourismus.

This block contains a grid of icons representing various subjects. The subjects are: European Union (European Union flag), Energy (wind turbines), Environment (green leaf), International relations (handshake), International organisations (globe), Law (scales of justice), Politics (microscope), Geography (map), and Agri-foodstuffs (cow).

Browse datasets by subject

This block contains a grid of icons representing various subjects for browsing datasets. The subjects are: Employment and working conditions (hard hat), Social questions (group of people), Economics (bank building), Finance (Euro symbol), Trade (scales), Education and communication (graduation cap), Industry (factory), Production, technology and research (robot arm), Science (atom symbol), Agriculture, forestry and fisheries (tractor and fish), Transport (train), and Business and competition (two people).

Why Open Data?



Transparency & accountability

- Research as initial driver
 - Experiments should be reproducible and transdisciplinary
- Open Government as accelerator
 - Freedom of Information Act
 - Transparency and Open Government
B. Obama, 2009
data.gov -> data.gov.uk ->



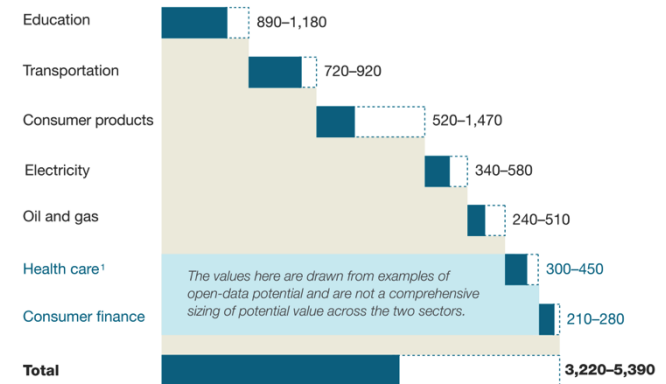
Why Open Data: Economic

Data is the new petrol

spur economic activity

- [McKinsey report, 2013](#)
 - Global economical value: \$3 Trillion
- [Capgemini report 213](#)
 - Economical value for EU: €140 billion
 - 4.4 million jobs in 2015

Potential value in open data, \$ billion



Why Open Data: Innovations

Open Innovations

- Outsourcing innovations, applications & services
- Thinking outside the box
- [282 mobile and web apps](#) listed on the Austrian data.gv.at portal

