

UNECE Aarhus Convention

Fourth meeting of the Task Force on Access to Information under the Aarhus Convention



UNECE United Nations Economic Commission for Europe



e-govministerium.at

DIGITAL  AUSTRIA

Practical Steps on e-Environment: From e-Government to Open Government Update 2015

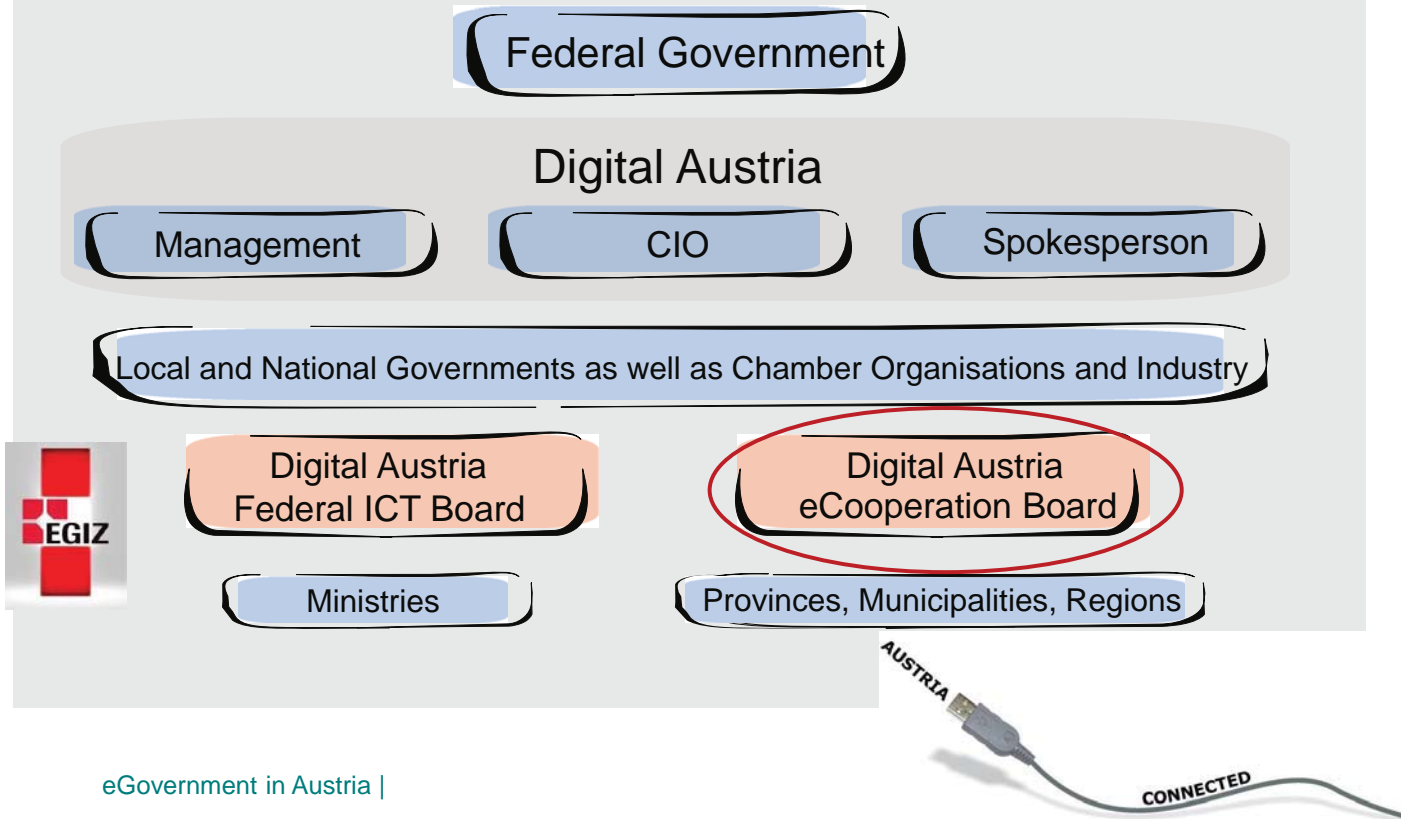
4TFAI – Geneva, 8 - 10 Dec 2015

Rudolf Legat et al.

Content

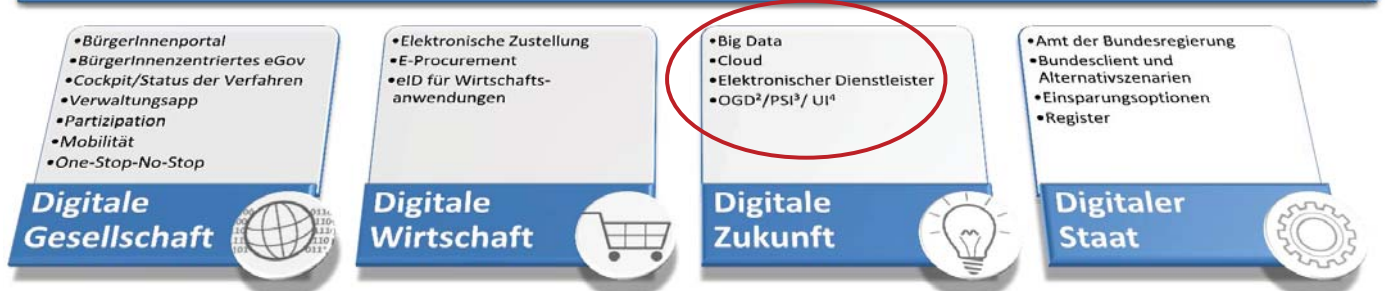
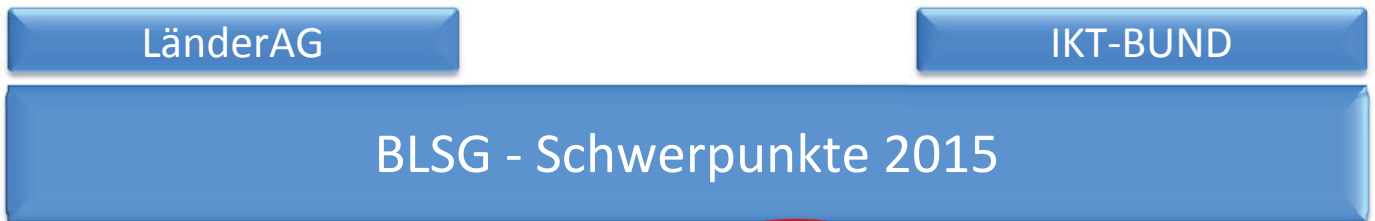
- e-Environment meets e-Government
- Plattform Digital Austria
- eGov PG Environmental Information (PG UI)
- Cooperation OGD Austria
- National Open Government Data Portal
- Open Data Portal Austria
- European Data Portal
- OGD Developments 2015
 - Awards
 - New Portals
- WISA
- INSPIRE

Organisation



eGovernment in Austria |

officially approved



¹ Aufgabenreform- und Deregulierungskommission
² Open Government Data
³ Public Sector Information Richtlinie
⁴ Umweltinformation

Austrian eGovernment Priorities 2016 – Nationwide Discussion (Draft Version)

- Austria updates eGovernment services catalogue
 - <https://joinup.ec.europa.eu/community/epractice/news/austria-updates-egovernment-services-catalogue>
- Common software engineering
- How far can open source go? – Licence regimes
- New ways of acquisition of information in the public sector
- Digital by Default

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National Structures – Secret of Success

- National Strategy:
 - [eGovernment Strategy Austria](#)
- Organisation:
 - [Platform Digital Austria](#)
 - [Cooperation OGD Austria](#)
- Tools:
 - [data.gv.at](#) – National OGD Metadata Catalogue
 - [Open Data Portal Österreich](#) – Civil Society
- Communities:
 - [OKFN](#) - Open Knowledge Foundation Austria
 - [Open3](#) - OpenSociety, OpenGov & OpenData

Recommendations on the more effective use of electronic information tools (Decision II/3)

1. Formulate and implement **national “e-government” strategies** for the use of electronic tools to facilitate administrative processes and services, to make public administration more transparent and efficient in providing available environmental information and dealing with requests for such information from the public;

.....

II. Priority Categories of information

.....

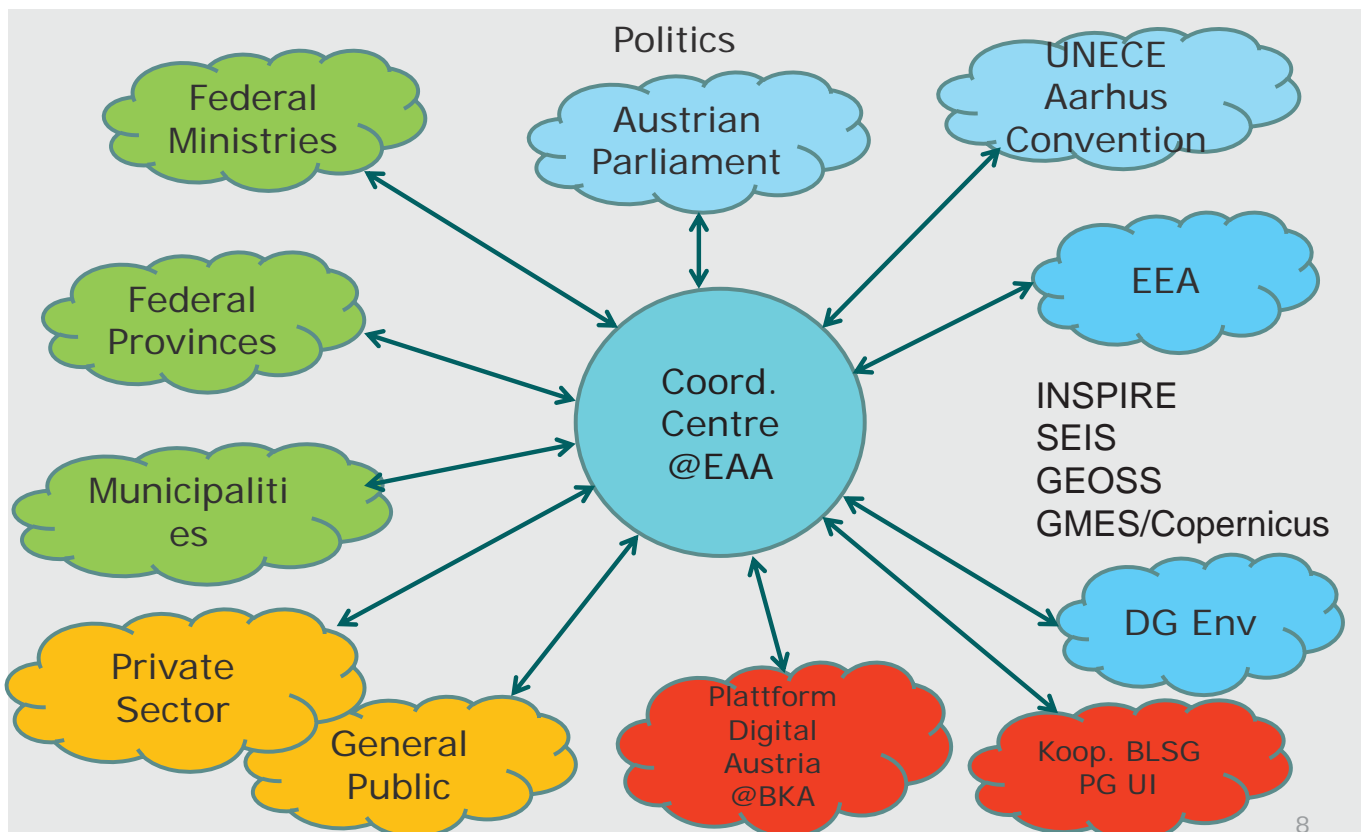
13. Establish **one-stop access point(s) for citizen-oriented environment-related e-government services**, with coordinated input from the relevant public authorities and/or linkages to other similar sites;

.....

19. **Maintain a national web site** with information related to the nationwide implementation of the Convention, which will serve as the national node of the **Convention’s clearing-house mechanism**;

<http://www.unece.org/env/pp/electronictools.html>

Communication Network ENVIRONMENT AGENCY AUSTRIA umweltbundesamt^U



National Open Government Data Portal

<http://data.gv.at/>

offene Daten Österreichs – lesbar für Mensch und Maschine

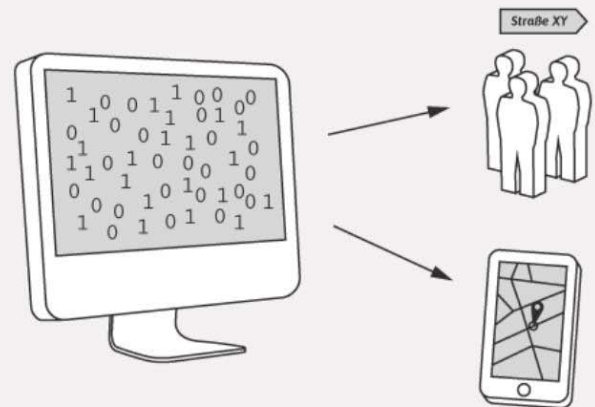
Vielfalt, Transparenz, Offenheit, Demokratie

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?"](#)

Comprising „open documents“



data.gv.at



- Austrian OGD-Portal
 - CKAN
 - OGD Metadata Standard Austria
 - Interface to publicdata.eu
 - 37 data providing authorities
 - ca. 1.900 datasets overall
 - ca. 250 applications
 - ca. **360 environmental datasets** (180 in 2014)
 - Video: [2014 UN Public Service Awards Category 1 Winner - Austria](#)

Cooperation OGD Austria - Portals

On 13 July 2011, the Federal Chancellery and the cities of Vienna, Linz, Salzburg and Graz founded "Cooperation Open Government Data Austria", in short "Cooperation OGD Austria".

- <http://data.gv.at/offene-daten/cooperation-ogd-oesterreich/>
- BKA: [Open Government Data **Österreich** – press conference](#) at the BKA - [Cooperation OGD Austria](#)
- Vienna: [OGD – Open Data on **Vienna** – environmental data](#)
- Tyrol: [Welcome to the **Tyrolean** Open Data Portal ! - Umweltdaten](#)
- Linz: [Welcome to **Linz** Open Data](#)
- Vbg: [Open Government Data **Vorarlberg**](#)
- Graz: [Open Government Data **Graz**](#)
- U: [OpenData Portal **Umweltbundesamt** – Press release](#)
- Sbg: [Welcome to the Open Government Data on the **city of Salzburg**](#)
- Stmk: [Open Government Data Land **Steiermark** - Umweltdaten](#)
- NÖ: [Open Government Data Land **Niederösterreich** - Umweltdaten](#)
- OÖ: [Open Government Data Land **Oberösterreich** - Umweltdaten](#)
- Ktn: [Open Government Data Land **Kärnten** - Umweltdaten](#)

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Open Data Portal Austria – Civil Society

Open Data Portal Österreich

Das zentrale Datenportal für Wirtschaft, Kultur, NGO/NPO, Forschung und Zivilgesellschaft

Das Open Data Portal Österreich bietet allen eine Plattform, um auf Daten zu verlinken, Daten einzustellen, Daten zu nutzen, sowie daraus entstandene Services zu präsentieren.

Eine Kooperation von:



www.opendataportal.at



Open Knowledge Foundation Austria

COOPERATION OGD  ÖSTERREICH



<https://www.opendataportal.at/>

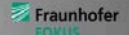
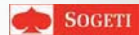
gefördert von: 
powerful innovations

Video: <http://www.youtube.com/watch?v=IPIyCIFjZro>

European Data Portal



Activities in a nutshell



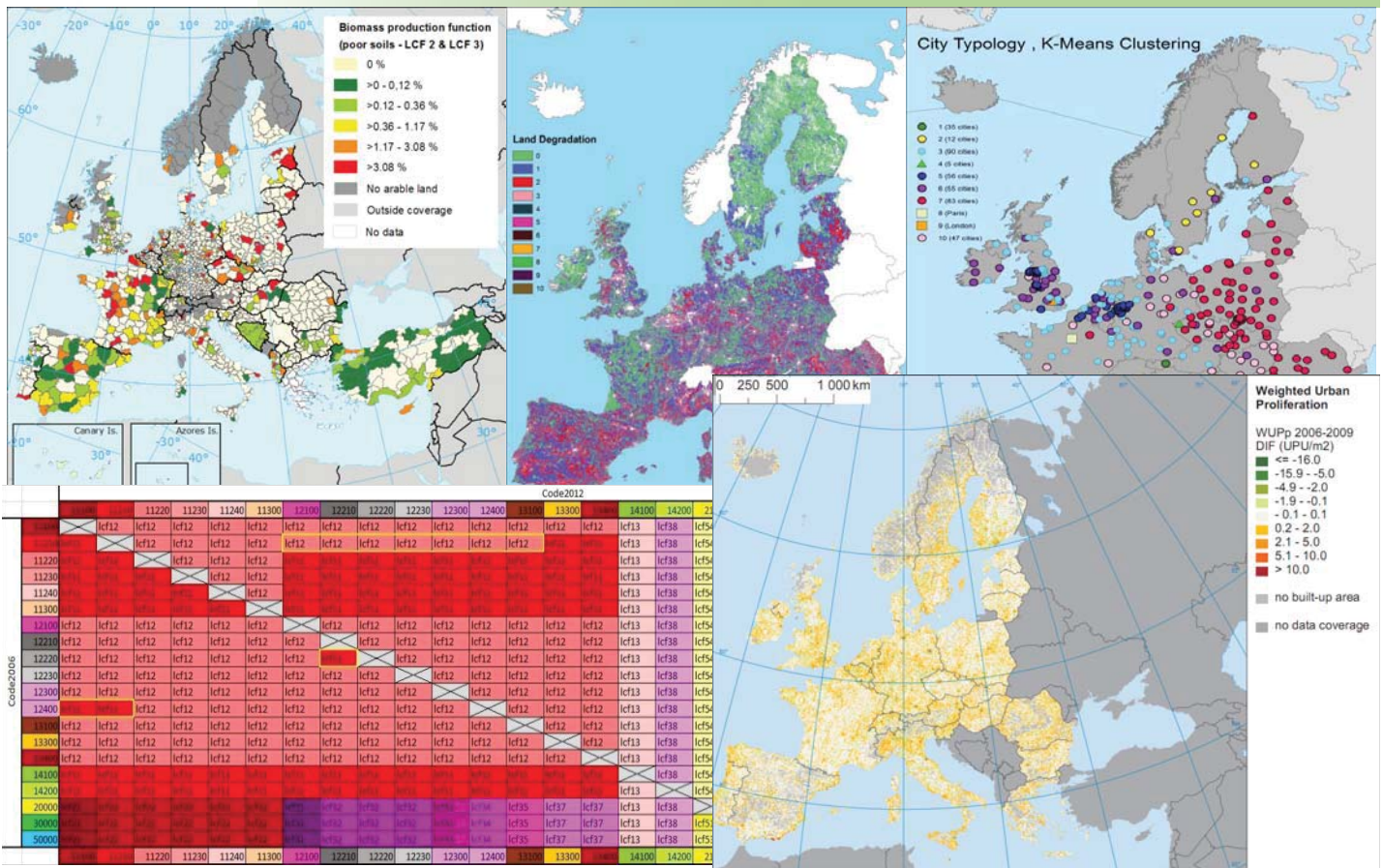
www.europeandataportal.eu

Launched on 16 November 2015

- +270K metadata sets
- 34 countries covered
- 67 catalogues
- 13 categories to structure metadata
- A Goldbook for data holders
- 13 eLearning modules
- A library with the material from Open Data Support
- Featured highlights
- Latest Open Data news
- Several feedback functions**
 - Help us improve
 - Be harvested by us
 - Tell us your story



The screenshot shows the European Data Portal (BETA) website. At the top, there is a search bar and navigation links for Search, Contact, Cookies, Legal notice, and English (en). The main header features the European Data Portal logo and a 'BETA VERSION' badge. Below the header is a 'Search Datasets' section with a search bar and a 'Search' button. A map of Europe is visible in the background. The main content area is divided into several sections: 'Latest News' with three news items, 'Browse Categories' with icons for Agriculture, Energy, Regions & Cities, Transport, and Economy & Finance; 'Featured Highlights' with three featured articles; and a 'News Archive' section. There is also a 'Newsletter' subscription form and a 'Tweets' section. At the bottom, there is a footer with 'Last update: 26/11/2015' and a 'Top' link.



EEA: <http://www.eea.europa.eu/data-and-maps>
 Copernicus: <http://land.copernicus.eu/>



- Since 01.01.2015 led by Environment Agency Austria
- 1 of 6 consortia, ETC/ULS, national experts support EEA in Land monitoring and Copernicus activities
- Contributes to integrated data platform of EEA for spatial and territorial thematic assessments
- Produces indicators and is doing assessments, incl. policy effectiveness analysis
- E.g. CAP and land degradation, Spatial planning and land take, urban sprawl, green infrastructure or resource efficiency
- New focus on sustainable urban development

Digital Agenda Vienna – Digital City Wien

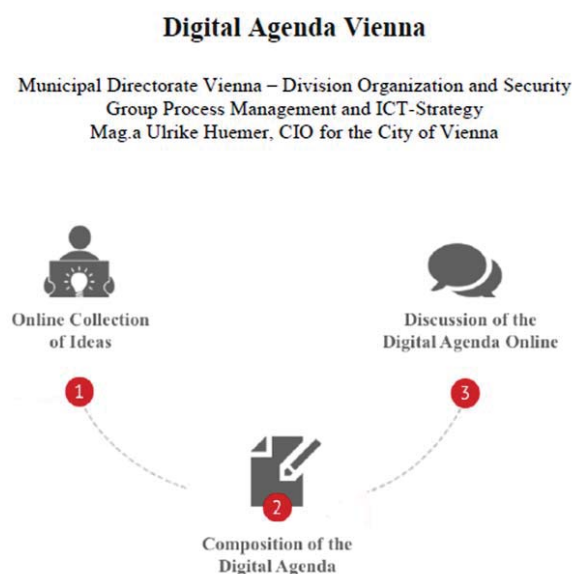
<https://digitaleagenda.wien> - <https://digitalcity.wien/>



172 ideas, 412 participants,
296 comments & 2451
votes speak for themselves.

[Mindmap of 172 ideas](#)

The Process



<https://www.digitaleagenda.wien>



Service to go...collecting ideas!

25.11.2015 – 10.01.2016

Which services would you like personally for a smart app?

In your opinion, which functions help save time in everyday life?

In your opinion, which functions help shorten the distances travelled in everyday life?

Which functions help preserve and save resources??



Open Innovation

#DigitalesWien Digitale Agenda Wien konkret Ideen sammeln Open Space App gestalten Idee posten Einloggen



Welcome to basemap.at – the Austrian OGD basemap

<http://www.basemap.at/>

ESRI Special Achievement in GIS Award 2014:
Esri European User Conference in Split

<https://www.data.gv.at/2014/10/23/esri-sag-award-fuer-basemap-at/>

basemap.at is a high-performance web basemap published under an OpenGovernmentData (OGD) license.

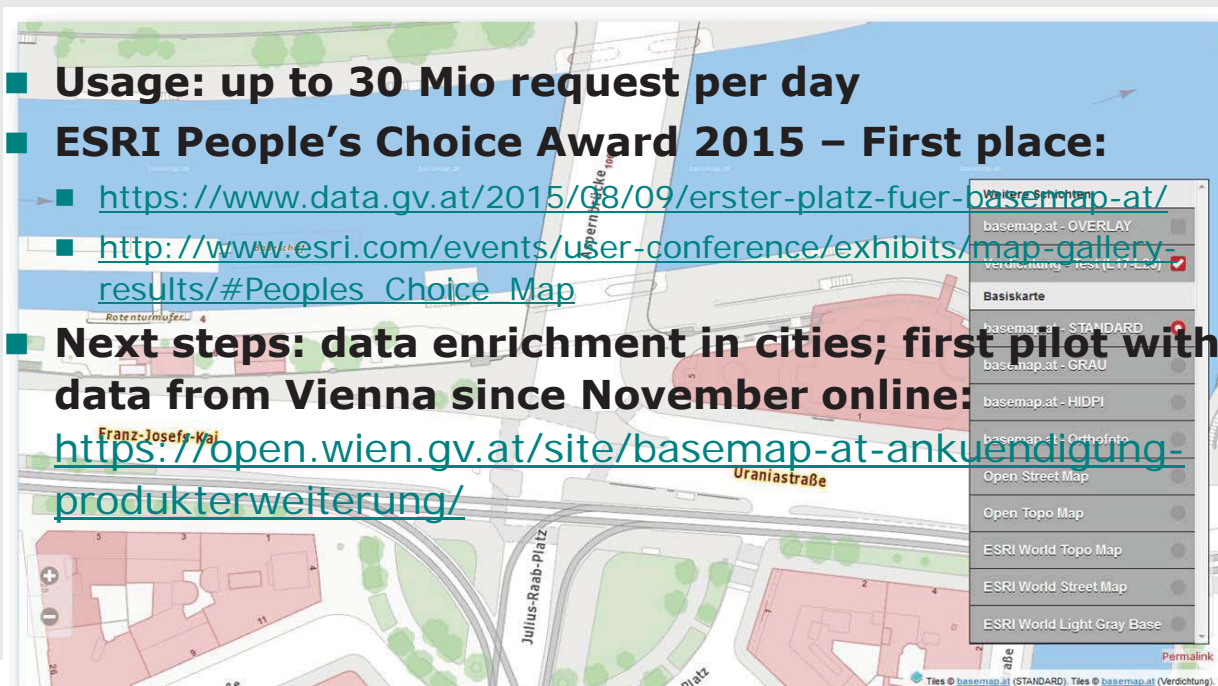
It is based upon data provided by the nine Austrian provinces and their partners.

[Open Government Data conditions in Austria](#)



basemap.at

- **Usage: up to 30 Mio request per day**
- **ESRI People's Choice Award 2015 – First place:**
 - <https://www.data.gv.at/2015/08/09/erster-platz-fuer-basemap-at/>
 - http://www.esri.com/events/user-conference/exhibits/map-gallery-results/#Peoples_Choice_Map
- **Next steps: data enrichment in cities; first pilot with data from Vienna since November online:**
 - <https://open.wien.gv.at/site/basemap-at-ankuendigung-produkterweiterung/>



environmental accounting.at

www.environmental-accounting.at

The screenshot displays the website's interface with a navigation menu on the left and a main content area. The main content area features several articles with images and text, such as 'What are environmental accounts?', 'Analysis of environmental accounting data', and 'Positive development environmental economic sector in Austria'. On the right side, there is an 'Individual Data Analysis' section with a scatter plot. The plot shows 'Erneuerbare Energien Primärenergie (in TWh)' on the y-axis and 'Bruttoinlandsprodukt zu Marktpreisen (in Mio. EUR)' on the x-axis. The data points are colored and sized based on 'Treibhausgasemissionen (CO2 Äquivalente)' and 'Inlandsmaterialeinsatz - DMC (in Tsd. Tonnen)'. The plot includes a legend and a 'Select' dropdown menu.

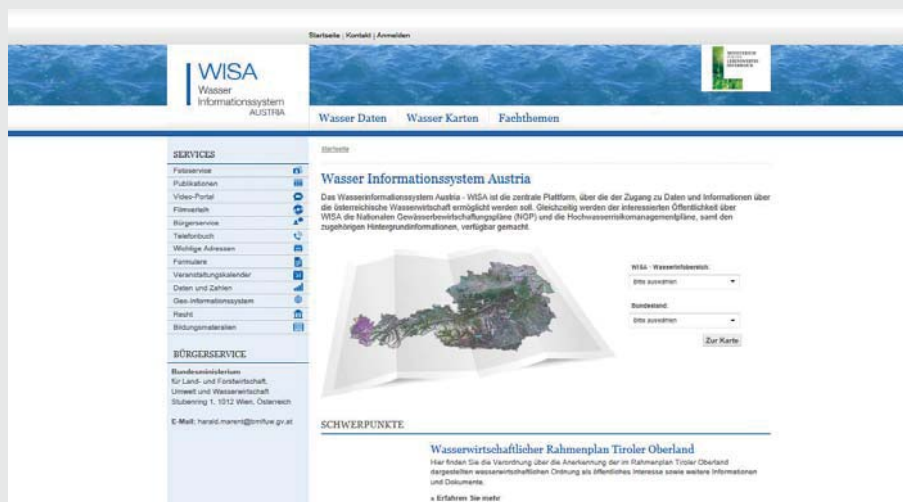
environmental accounting.at

www.environmental-accounting.at

Environmental accounts

- Describe interactions between economy, private households and environment by
- Comparing ecological data (e.g. use of raw materials, energy, water, land, waste, air emissions) with economic data (e.g. gross domestic product) to answer the main questions
 - How substantial are the pressures and impacts on the environment?
 - What measures are taken to protect the environment?
 - What are the services that the environment provides to society?

WISA Water Information System Austria



Launched in March 2007

<http://wisa.bmlfuw.gv.at/>

Legal regulations overview

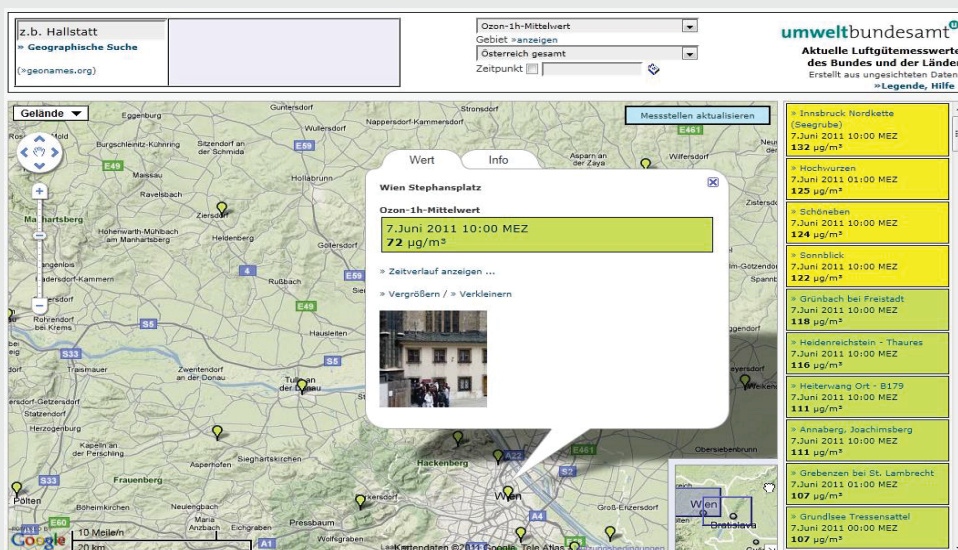
- Water Act 1959 regulating a.o.
 - Water management planning
 - Public participation
 - Water Information System Austria
 - Hydrography
 - Water Quality Monitoring
- Ordinances e.g. on
 - Water hydrography
 - Water Quality monitoring
 - Emission registry
 - [National Water Management plan](#)

WISA

- [Active public participation](#)
- Data collection and provision for water management planning
- Preparation and [interactive publication](#) of the “National River Basin Management Plan”
- Access to other water-relevant data
- linkage / integration of [water-related databases](#) and/or database systems, available at the Federal Ministry of Agriculture, Forestry, Environment and Water Management and federal countries

Internet-Portal for Water data in Austria

Air quality data @ Umweltbundesamt



- Interactive request of air quality data via www.umweltbundesamt.at

Austria & Aarhus I



- [Umweltdatenkatalog](#) Metadata Information (1993)
- [eGovernment Task Force EI](#) – eGov PG UI (2006)
 - **Common approach** to deal with the requirements of [UIG 2004](#) in the framework of National eGov Strategy ([Plattform Digitales Österreich](#))
- [Cooperation Open Government Data Austria](#) (2011)
- [National Open Government Data Portal](#) (2012) **Environment**
 - [United Nations Public Service Award 2014](#) for data.gv.at
 - **Video:** [2014 UN Public Service Awards Category 1 Winner – Austria](#)
- [European Data Innovator Award 2014](#)
 - goes to **Johann Mittheisz**, former CIO of the City of Vienna & the Open Government Team of Vienna (Athens, 19 March 2014)
 - Ms VP EC Neelie Kroes awarding Johann Mittheisz - [Video of award ceremony](#)
- [Open Data Portal Austria](#) (2014) Research, NGO, Civil Society ...
- [Open Data Portal Umweltbundesamt](#) – [Naturschutz](#) – [OGD Kärnten](#)

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Austria & Aarhus II



- [Training Center](#) for National GHG and Air Emission Inventory Capacity Building - [Environment Agency Austria](#)
- „[Ressourcennutzung in Österreich – Bericht 2015](#)“ - Eine gemeinsame Publikation des [BMLFUW](#) und des [BMWFU](#)
- Informationsportal zu [Klimawandelanpassung](#) in Österreich
- [Lärminfo.at](#) - Lärmschutz für Österreich - Umfassendes Informationsportal inkl. Lärmkarten
- **CH/DE/AT:** [Cooperation OGD Österreich](#) Gegenüberstellung der [Metadatenkonventionen](#) der Schweiz, von Deutschland und Österreich
- [4. OGD D-A-CH-LI - Konferenz - Open X](#) 24 June 2015 in Vienna
- [open4data.at challenge 2016](#) „Daten suchen Ideen, Ideen suchen Daten“ – BKA prämiert innovativste und kreativste Ansätze im Umgang mit opendata
- **Digital Roadmap Austria:** Republic 2.0 – all services online
- Relaunch PG E-DEM <https://www.ref.gv.at/E-Democracy.981.0.html>

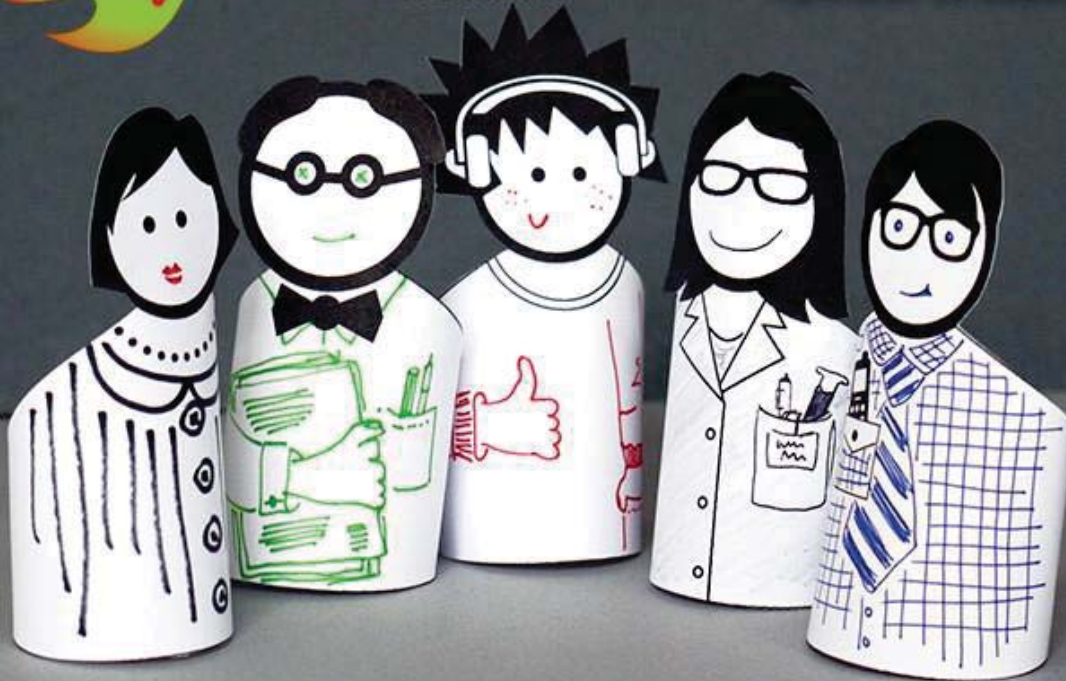
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gov_camp
VIENNA

1. Dezember 2015

Rathaus Arkadenhof, Top 24



Smarte Formen der Zusammenarbeit:

Verwaltung und Politik treffen Zivilgesellschaft, Forschung und Wirtschaft

ENVIRONMENT AGENCY AUSTRIA **umweltbundesamt**^U

INSPIRE and SEIS I

- EU INSPIRE Directive aims to create a Spatial Data Infrastructure (SDI) for Europe
- Standardized provision of data on 34 spatial and environmental themes
- Web Services provide data in machine-readable xml formats (publicly - for further use by interested content providers)
- Currently missing viewers and tools for consuming data



INSPIRE and SEIS II



- INSPIRE Thematic extensions go towards SEIS
- Example: EU Air Quality Directive (AQD) e-Reporting based on INSPIRE – provision of station metadata as well as up-to-date provisional and validated annual air quality data through web services (operational for Austria since November 2015)
- Allows for reuse of INSPIRE data and services, both for European reporting as well as for reuse of data

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Task Force for Access to Information, UN-ECE WGEMA, Geneva, 8-10 December 2015

Austrian AQD URIs

WFS:

<http://luft.umweltbundesamt.at/inspire/wfs?service=WFS&version=2.0.0&request=GetCapabilities>

SOS

<http://luft.umweltbundesamt.at/inspire/sos?service=SOS&request=getCapabilities>

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Conclusion

... **eGovernment:** It´s a journey,
not a destination

... **eEnvironment:** It´s a journey,
not a destination

... **Aarhus Convention:** It´s a journey,
not a destination

Contact & Information

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Stephan Nemetz / Andreas Littkopf

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www.umweltbundesamt.at



- eGov Information by Roland Ledinger and Ferdinand Scheidbach, Austrian Federal Chancellery
- openGov Information by Gregor Eibl, Austrian Federal Chancellery, CIO Ulrike Huemer, Wolfgang Jörg and Brigitte Lutz, City of Vienna
- Andreas Littkopf, Manager ETC/ULS
- Wendy Carrara, Capgemini Consulting – European Data Portal