

UNECE Aarhus Convention

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



UNECE

United Nations Economic Commission for Europe



lebensministerium.at

DIGITAL AUSTRIA

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

4TFAI – Geneva, 8 - 10 Dec 2015

1

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

Federal Government

Digital Austria

Management

CIO

Spokesperson

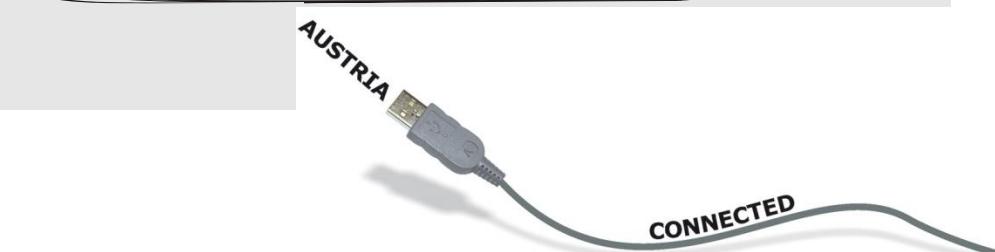
Local and National Governments as well as Chamber Organisations and Industry

Digital Austria
Federal ICT Board

Digital Austria
eCooperation Board

Ministries

Provinces, Municipalities, Regions



officially approved

ADK¹

eGovernment Austria
Top Priority Program
2015

Reg.-
Programm/
Klausur

LänderAG

IKT-BUND

BLSG - Schwerpunkte 2015

- BürgerInnenportal
- BürgerInnenzentriertes eGov
- Cockpit/Status der Verfahren
- Verwaltungsapp
- Partizipation
- Mobilität
- One-Stop-No-Stop

**Digitale
Gesellschaft**



- Elektronische Zustellung
- E-Procurement
- eID für Wirtschaftsanwendungen

**Digitale
Wirtschaft**



- Big Data
- Cloud
- Elektronischer Dienstleister
- OGD²/PSI³/ UI⁴

**Digitale
Zukunft**



- Amt der Bundesregierung
- Bundesclient und Alternativszenarien
- Einsparungsoptionen
- Register

**Digitaler
Staat**



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



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

.....

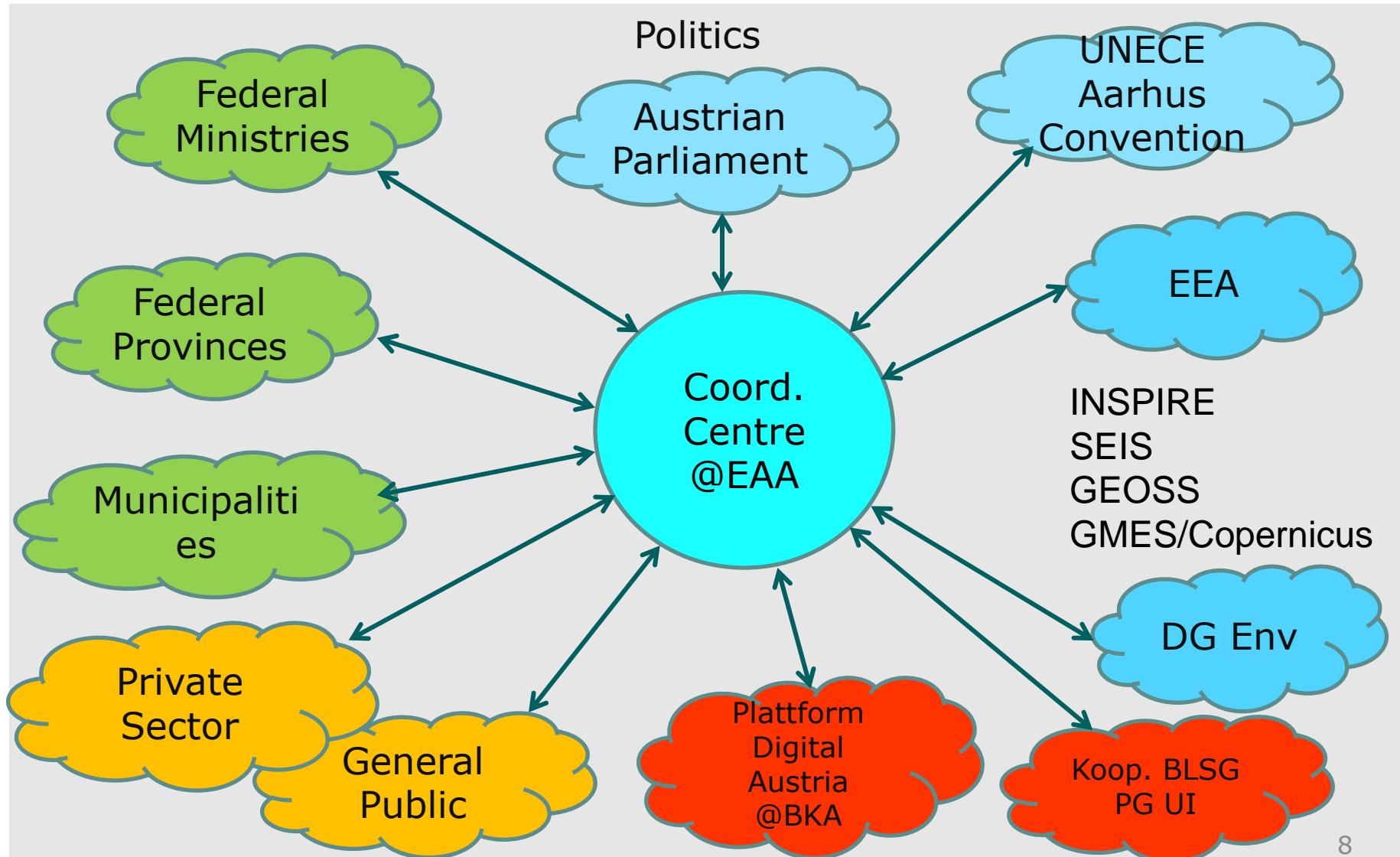
13. Establish **one-stop access point(s) for citizen-oriented environment-related e-government services**, with coordinated input from the relevant public authorities and/or linkages to other similar sites;

.....

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



National Open Government Data Portal

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

Aktuell: 400.000 EUR Preisgelder bei Europas größtem App-Wettbewerb [API](#)

Suchbegriff (z.B. Finanzen, Wahlen) [Suche starten](#)

Datenkatalog Anwendungen & News [→ Katalog durchstöbern](#)

Startseite Katalog ▾ Anwendungen ▾ News Hintergrund-Infos ▾ Netiquette Kontakt

data.gv.at – offene Daten Österreichs

offene Daten Österreichs – lesbar
für Mensch und Maschine

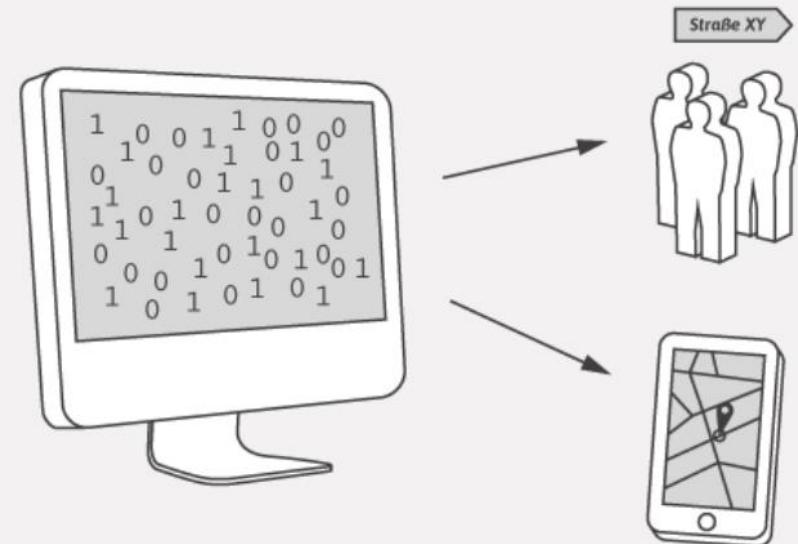
Vielfalt, Transparenz, Offenheit, Demokratie

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](#)

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:



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

European Data Portal



EUROPEAN
DATA PORTAL

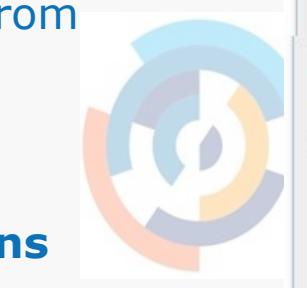
Activities in a nutshell



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



EI AGE

 EUROPEAN DATA PORTAL (BETA)

EUROPEAN DATA PORTAL 

BETA VERSION

You can access the data tools from here

Search Datasets

Search datasets...

Advanced Search (SPARQL) 

What we do Providing Data Using Data Training & Library

Latest News

- 26/11/2015 Open Data Geo Team Wins 1st BMVI Data Run
- 24/11/2015 Access to data crucial for achieving global goals
- 20/11/2015 High level presentation of the European Data Portal architecture

Newsletter

Tweets

-  European Data Portal @EU_DataPortal 59m .@pietercolpaert We harvest the metadata as it is made available at the source. For comments please use the form goo.gl/NbyuVn Expand
-  European Data Portal @EU_DataPortal 18h How #openData can help #firefighters save lives at #sharepsi by Netage.nl / RESCInfo Insight pictwitter.com/MlQ6kXZeUo

Browse Categories

 Agriculture, Fisheries, Forestry & Foods	 Energy	 Regions & Cities	 Transport	 Economy & Finance
 International Issues	 Government & Public Sector	 Justice, Legal System & Public Safety	 Environment	
 Education, Culture & Sport	 Health	 Population & Society	 Science & Technology	

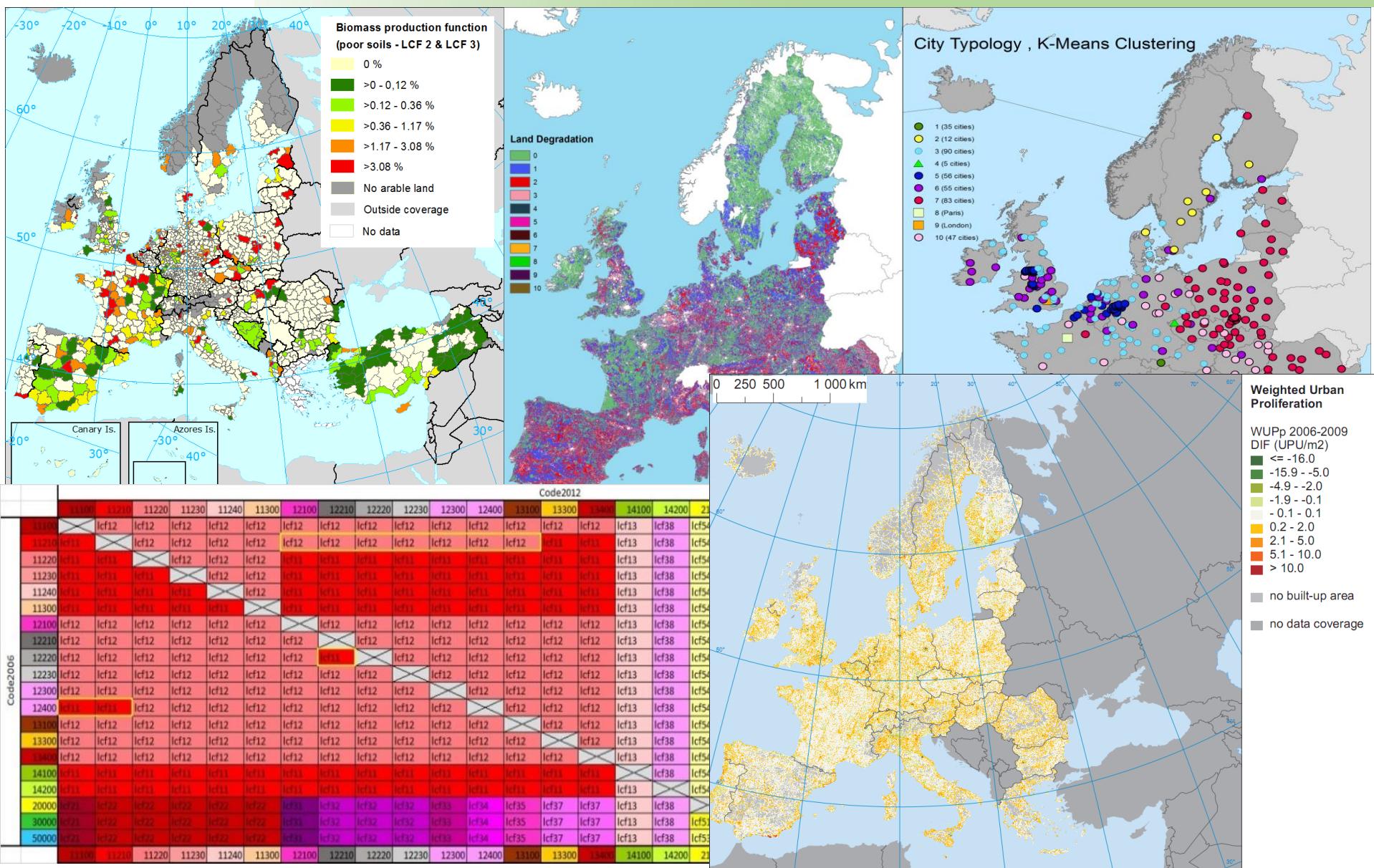
Featured Highlights

-  Creating Value through Open Data Economic benefits are primarily derived from the re-use of Open Data. Value is there. The question is how big?
-  Open Data Maturity in Europe Where do the European countries stand with regard to the deployment of Open Data?
-  Connecting Europe Facility (CEF) opens call for proposals € 4.5 M available in a call for proposals for generating value through the re-use of Public Sector Information
-  ODINE entrepreneurs awarded a total of € 1.7 m Eighteen Open Data companies from across Europe join the ODINE

Articles Archive

Your feedback will help us to improve the overall user experience. Any suggestions?

Last update: 26/11/2015





- 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/>



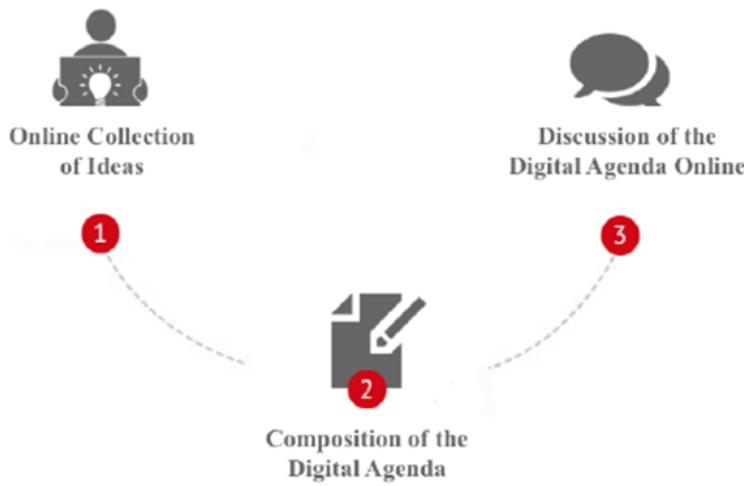
172 ideas, 412 participants,
296 comments & 2451
votes speak for themselves.

[Mindmap of 172 ideas](#)



The Process

Digital Agenda Vienna
Municipal Directorate Vienna – Division Organization and Security
Group Process Management and ICT-Strategy
Mag.a Ulrike Huemer, CIO for the City of Vienna



<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 Registrieren

Ihre Ideen sind gefragt
Welche Services wünschen Sie sich persönlich für eine smarte App?

#DigitalesWien
DAW – Digitale Agenda Wien – wird konkret.
Gemeinsam machen wir Wien. Mobiler. Persönlicher. Vernetzter.
Und noch ein bisschen smarter. Danke!

Beteiligen

<https://www.digitaleagenda.wien>

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.

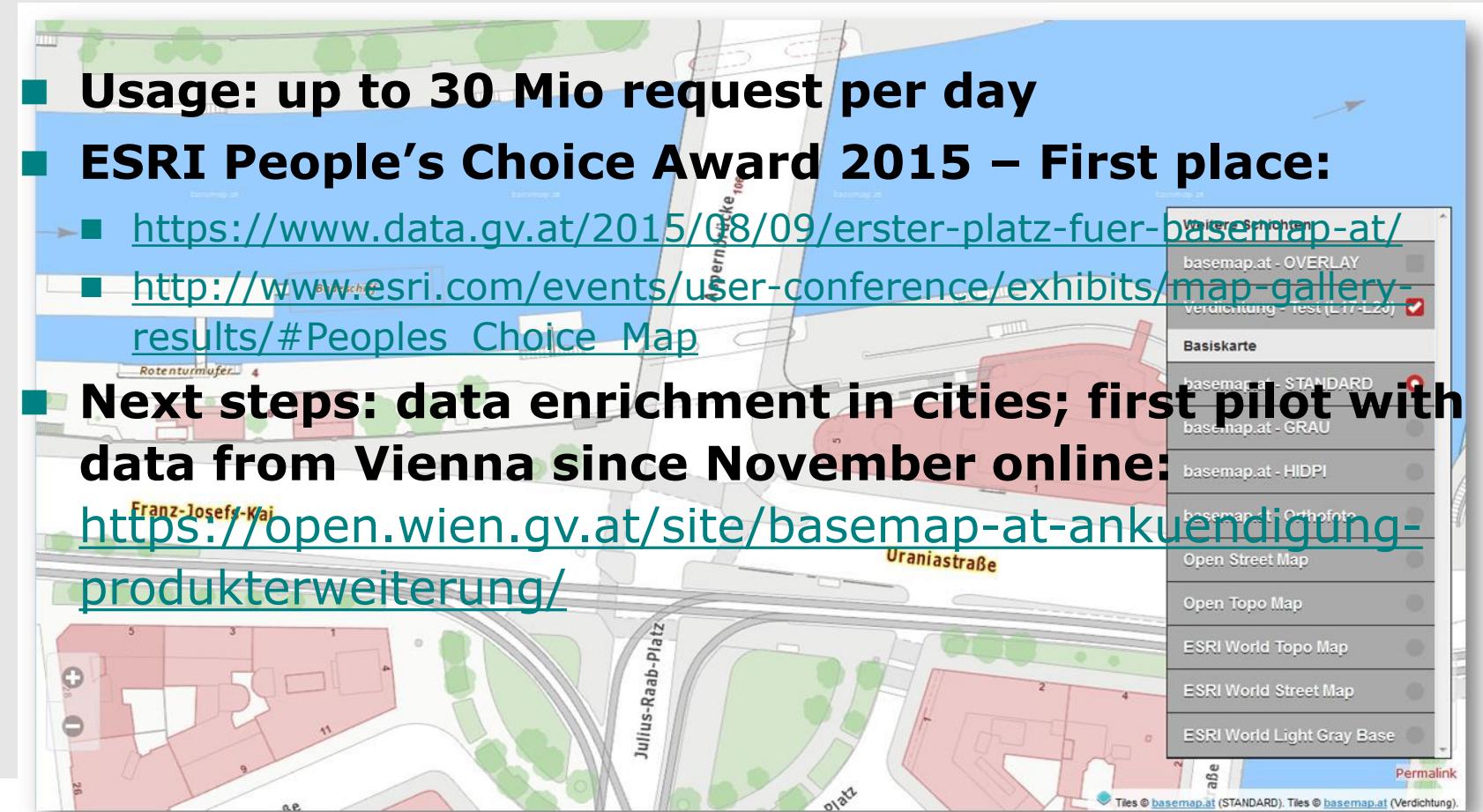


It is based upon data provided by the nine Austrian provinces and their partners.

[Open Government Data conditions in Austria](#)

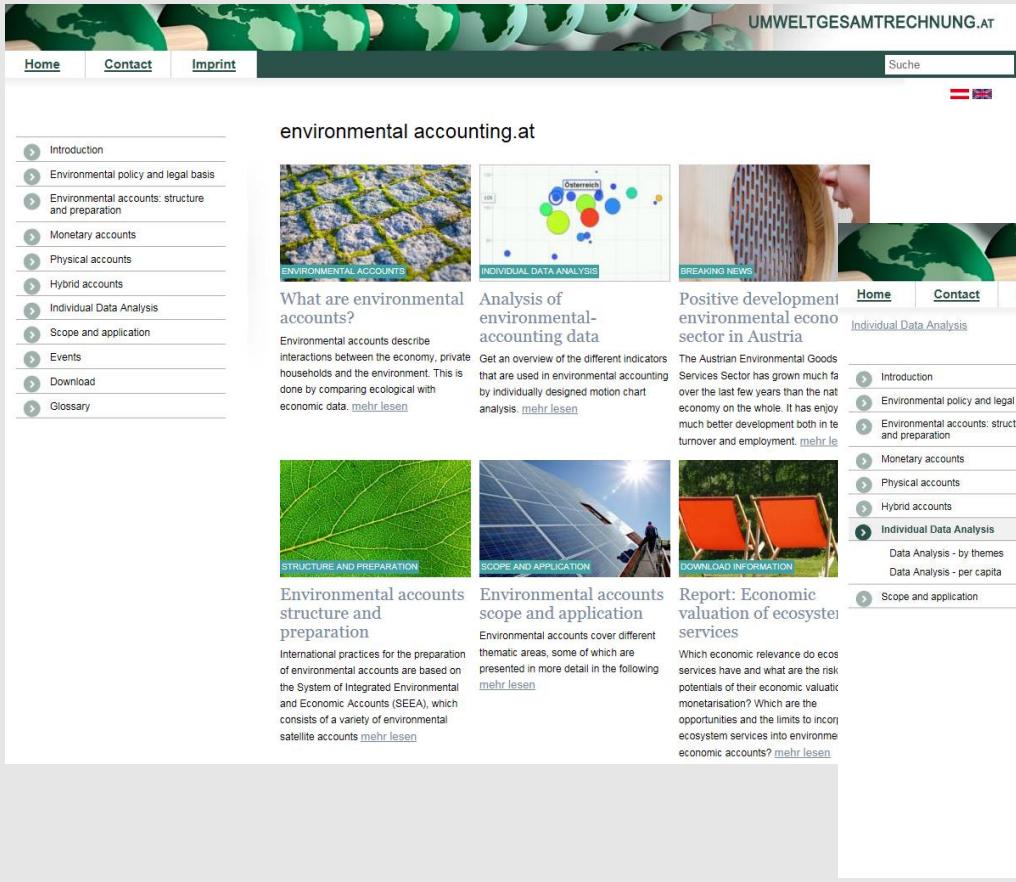
basemap.at

- **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](http://www.esri.com/events/user-conference/exhibits/map-gallery-results/#Peoples%20Choice%20Map)
- **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 shows the homepage of environmental accounting.at. At the top, there's a navigation bar with links for Home, Contact, and Imprint. Below the navigation is a search bar and language selection (German/English). The main content area features several sections: 'environmental accounting.at' with a green background, 'What are environmental accounts?' showing a green leaf and solar panels, 'Analysis of environmental-accounting data' with a scatter plot, 'Positive development environmental econo sector in Austria' with a globe, and 'STRUCTURE AND PREPARATION' and 'SCOPE AND APPLICATION' sections. On the right, there's a sidebar with a list of topics and a 'Individual Data Analysis' section featuring a bubble chart.

environmental accounting.at

Home Contact Imprint

Suche

INTRODUCTION

Environmental policy and legal basis

Environmental accounts: structure and preparation

Monetary accounts

Physical accounts

Hybrid accounts

Individual Data Analysis

Scope and application

Events

Download

Glossary

What are environmental accounts?

Environmental accounts describe interactions between the economy, private households and the environment. This is done by comparing ecological with economic data. [mehr lesen](#)

STRUCTURE AND PREPARATION

Environmental accounts structure and preparation

International practices for the preparation of environmental accounts are based on the System of Integrated Environmental and Economic Accounts (SEEA), which consists of a variety of environmental satellite accounts [mehr lesen](#)

SCOPE AND APPLICATION

Environmental accounts scope and application

Environmental accounts cover different thematic areas, some of which are presented in more detail in the following [mehr lesen](#)

Positive development environmental econo sector in Austria

The Austrian Environmental Goods Services Sector has grown much faster over the last few years than the national economy on the whole. It has enjoyed much better development both in turnover and employment. [mehr lesen](#)

Individual Data Analysis

Introduction

Environmental policy and legal basis

Environmental accounts: structure and preparation

Monetary accounts

Physical accounts

Hybrid accounts

Individual Data Analysis

Data Analysis - by themes

Data Analysis - per capita

Scope and application

Erneuerbare Energien Primärerzeugung (in t s...)

Bruttoinlandsprodukt zu Marktpreisen (in Mio. EUR) 2000

Color: Treibhausgasemissionen (CO₂ Äquivalente)

Size: Inlandsmaterialverbrauch - DMC - (in tsd. Tonnen)

Select: Belgien Bulgarien Deutschland Dänemark Estland Finnland Frankreich Trails

Data source: Eurostat 2014

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

The screenshot shows the homepage of the Water Information System Austria (WISA). The header features a blue banner with the WISA logo and a photograph of water. Below the banner is a navigation bar with links for "Startseite | Kontakt | Anmelden", "Wasser Daten", "Wasser Karten", and "Fachthemen". To the right of the navigation is the "MINISTERIUM FÜR LÄNDLICHES ÖSTERREICH" logo. The main content area includes a sidebar with "SERVICES" and "BÜRGERSERVICE" sections, and a central area titled "Wasser Informationssystem Austria" which describes the system's purpose. A large 3D map of Austria is displayed, and there are dropdown menus for "WISA - WasserInfobereich" and "Bundesland". Below this is a section titled "SCHWERPUNKTE" with a link to the "Wasserwirtschaftlicher Rahmenplan Tiroler Oberland".

Launched in March 2007

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

Legal regulations

overview

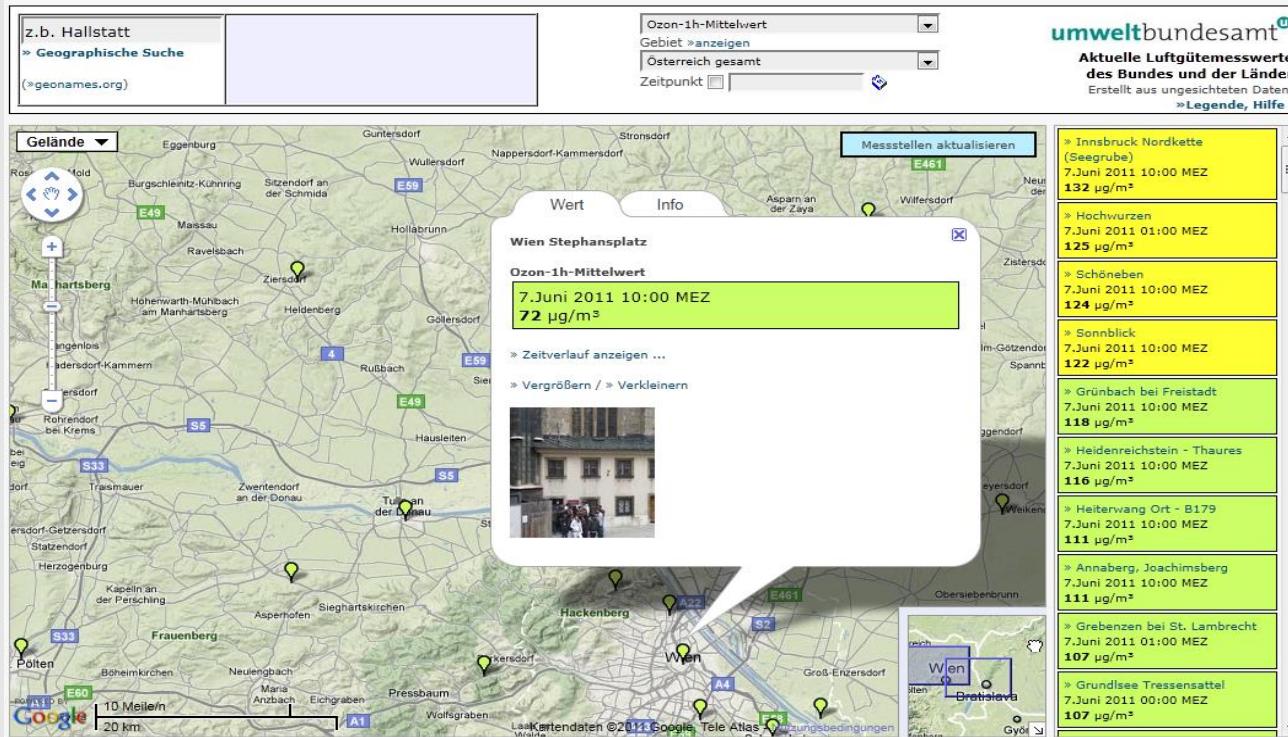
- Water Act 1959 regulating a.o.
 - Water management planning
 - Public participation
 - Water Information System Austria
 - Hydrography
 - Water Quality Monitoring
- Ordinances e.g. on
 - Water hydrography
 - Water Quality monitoring
 - Emission registry
 - National Water Management plan

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](#)

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 BMWFW
- 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>



gov_camp
VIENNA

1. Dezember 2015
Rathaus Arkadenhof, Top 24



Smarte Formen der Zusammenarbeit:

Verwaltung und Politik treffen Zivilgesellschaft, Forschung und Wirtschaft

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



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>

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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umweltinformation@umweltbundesamt.at

opendata@umweltbundesamt.at

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