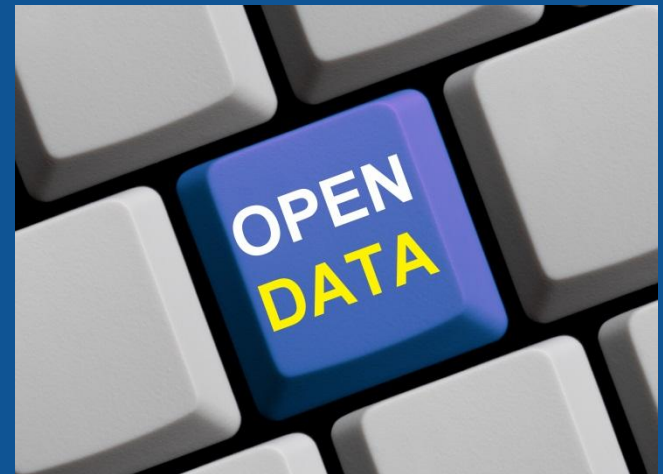# Open Government and Open Data. The EU Data Value Chain

Francisco García Morán

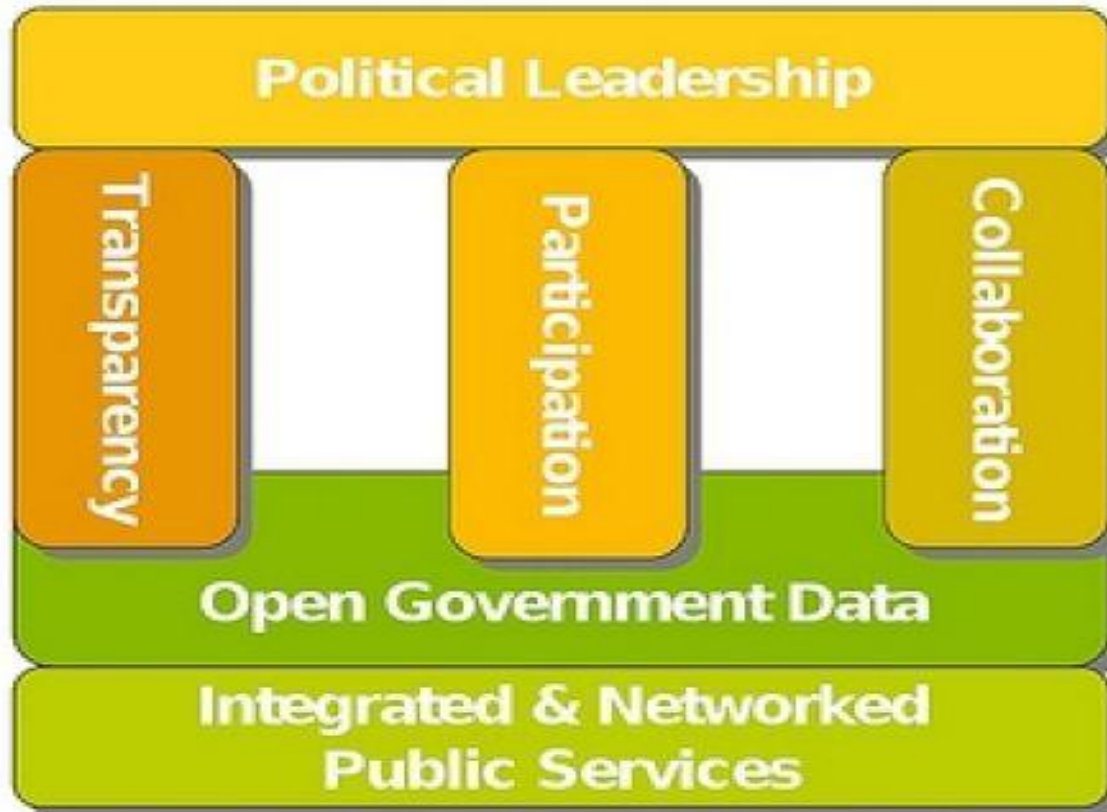**Chief IT Advisor**

European Commission

Open Government: The concept

> My Administration is committed to creating an unprecedented level of openness in Government. We will work together to ensure the public trust and establish a system of transparency, public participation, and collaboration. Openness will strengthen our democracy and promote efficiency and effectiveness in Government.
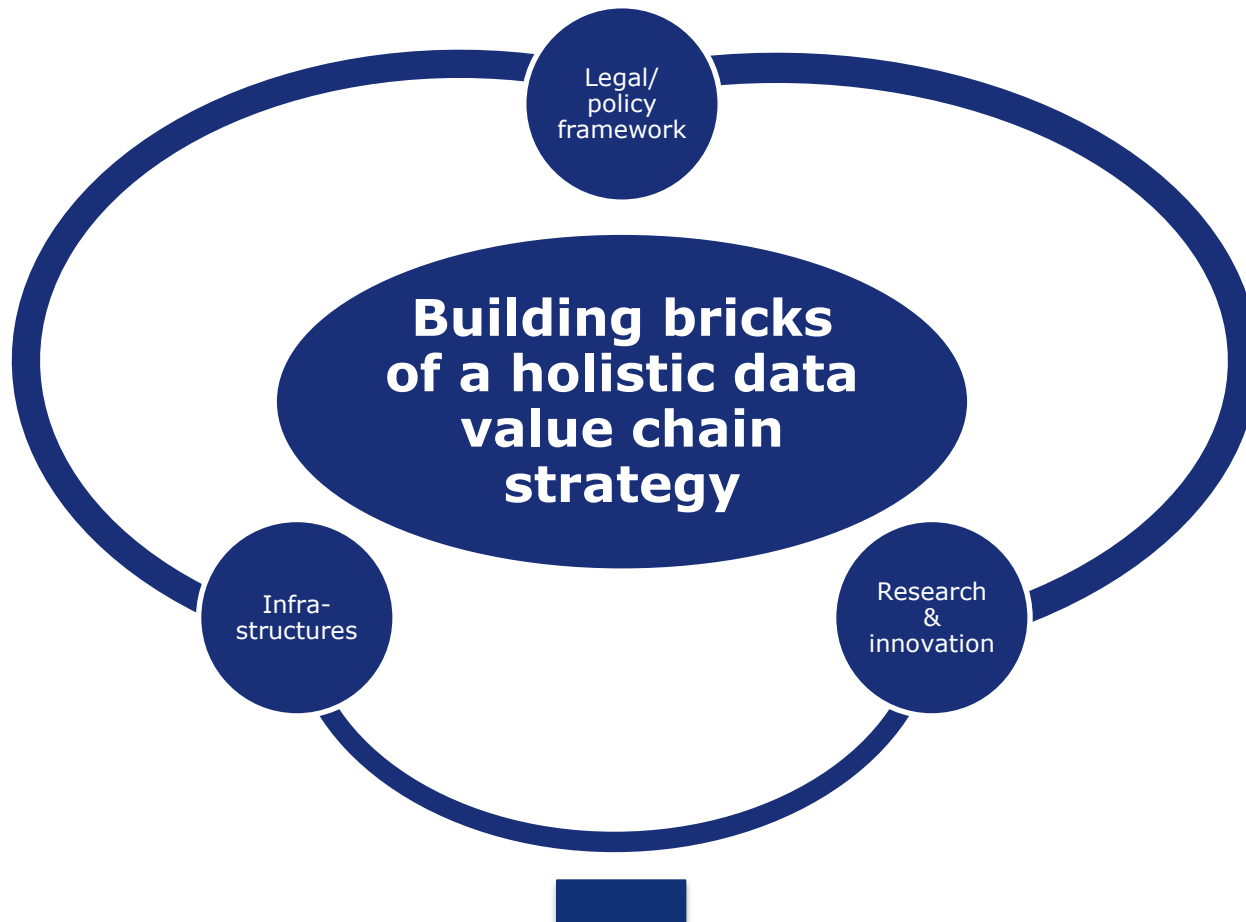>
> – PRESIDENT OBAMA, 01/21/09

Open Government is about ….. Managing change

IF YOU ALWAYS DO WHAT YOU ALWAYS DID, YOU ALWAYS GET WHAT YOU ALWAYS GOT.

Key elements of Open Government

Towards a European data ecosystem

EU Policies　　(Lisbon Treaty)

European Commission

EXCLUSIVE COMPETENCES

Customs Union

Competition

Monetary

Marine ressources

Commercial policy

International agreements (AETR)

SHARED COMPETENCES

internal market

social

cohesion

agriculture and fisheries (except where exclusive)

environment

consumer protection

transport

trans-European networks

energy

freedom, security and justice

public health

research and technological development

space

development cooperation

humanitarian aid

SUPPORT ACTIONS

Human Health

Industry

Culture

Tourism

Education, vocational training, youth and sport

Civil protection

Administrative cooperation

The EU's open data policy:
Why are we doing it?

- Untapped business opportunities (40 B€/year in EU?)
- Need to address societal challenges (new solutions to (scientific or societal) problems);
- Better governance and citizen empowerment (more transparency and citizen participation)
- Increase efficiency of administrations by sharing data

Read more:

Commission policy paper: COM(2011) 882
http://tinyurl.com/btcfutp

EU Open data strategy

- *Communication on Open Data*
- *A revision of the Decision governing the re-use of Commission's own information*
- *Modification of the Directive on the re-use of public sector information (PSI Directive)*
- *Open data-portals*
  - **Commission/EU institutions and agencies portal**
  - **Pan-European portal**

The EU's PSI policy...

...is a sub-set of the overall open data policy

...is composed of:

- A Directive aiming to set a minimum standard for reuse of #ogd/ #psi in Europe;
- A decision obliging the Commission to allow reuse of its own data;
- Deployment of an EU open data portal;
- Work on a pan-European aggregator for open data;
- Supporting measures.

Legal framework for #ogd/ #psi: The PSI Directive

- Creates a level-playing field for reusers of #ogd inside the EU;

- All reusers need to be treated equal (including equal treatment between public and private reusers);

- Putting a ceiling on possible charges (and incurring a no-charging policy);

- Transparency on conditions and charges (including work on licensing conditions);

Read more here: https://ec.europa.eu/digital-agenda/en/legislative-measures

European Public Sector Information Platform

Europe's One-Stop Shop on Public Sector Information (PSI) Re-use

Search | advanced
Search

Home   News   Blogs   People   Events   Themes   Reports   Scoreboard   Contact us

Europe's New PSI Directive

New, genuine right to re-use
public sector information
Extension of PSI rules to cultural
institutions

read more

Blog Posting: Why findtoilet.dk is unique and different from other toilet apps

4 Jul 2013

I often get the question that such an app has already been made and yes I know a lot of these have been made all over the world but will point out the difference of mine both online map/later Smart phone app's as good as I can. Read more
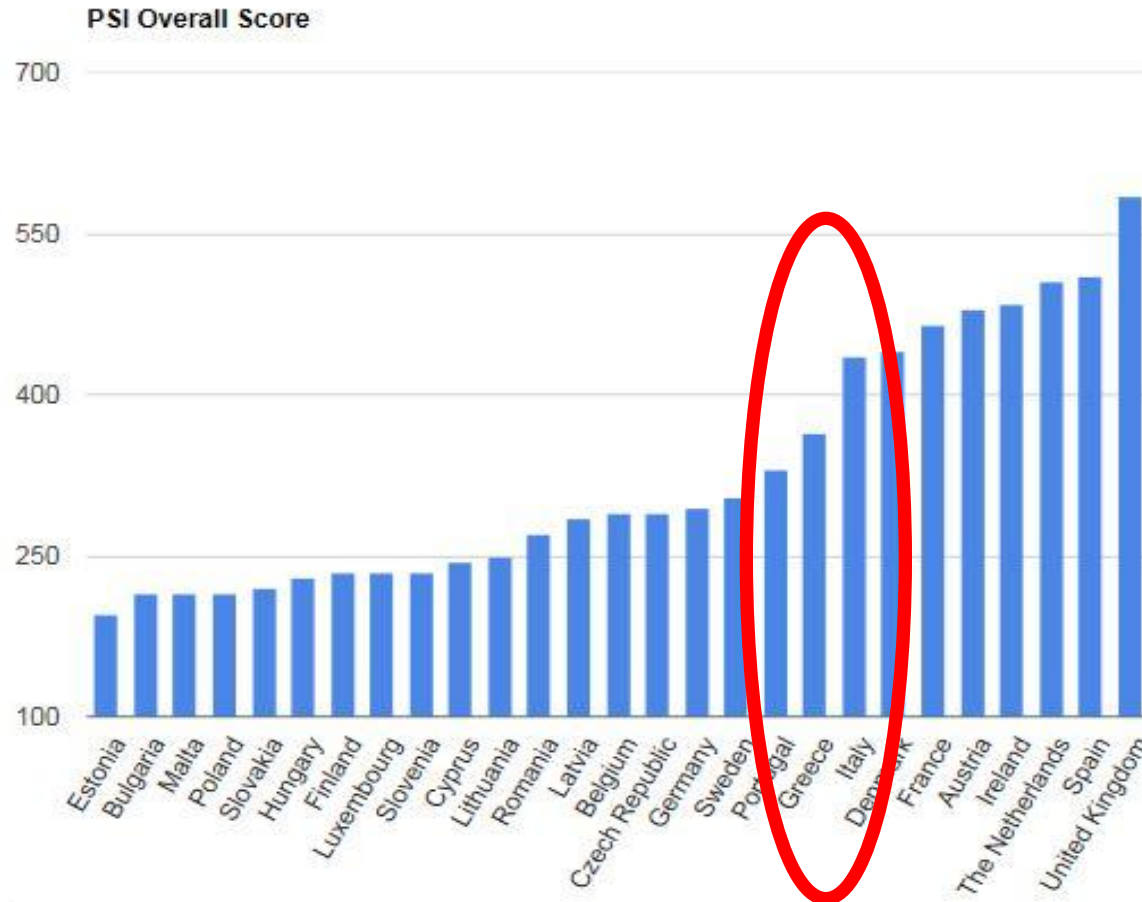**0 Comments and 0 Reactions**

Register now!

Join the ePSI community

Share your expertise and receive
our monthly newsletter.

Revision of the PSI Directive current status

- *Legislative process started in December 2011*

- *EU co-legislators agreed on the final text in April 2013*

- *Adopted by EP and Council in June 2013*

- **Entry into force – last quarter of 2015**

Revision of the PSI Directive – main changes

- *Creation of a genuine right to re-use public data: all public data not specifically excluded from re-use are to be re-usable*

- *Charging rules are amended:*
  - Pricing based on marginal costs of dissemination
  - In exceptional cases: possibility to recover costs and claim a reasonable return on investment if duly justified

- *Cultural institutions brought within the scope*

- *More transparency with regard to charges and conditions applied by public sector bodies*

- *Support towards releasing data in open and machine-readable formats*

Let's make #ogd happen – related activities

- Funding the stakeholder outreach platform ePSI: http://epsiplatform.eu/
- Funding a thematic network on legal aspects of PSI reuse: http://www.lapsi-project.eu/ (v1.0 & v2.0)
- Funding support services in relation to publishing data on open data portals, including training and advisory services.
- Guidelines on licensing & charging

What about the EC own policies?

Eating your own dogfood?

Drinking your own champagne?

Rules for the re-use of Commission information Revision of December 2011

As a **default rule**, **reuse** has to be **allowed** for non-commercial and commercial purposes

1. without the need for an individual application,
2. without charging the reuser;
3. without putting conditions on the reuse
4. without discriminating between reusers.

Each of these features is subject only to limited, duly justified exceptions

Rules for the re-use of EC information: Exceptions

1. *Software or documents covered by* ***industrial property rights*** *(such as patents, trademarks etc)*

2. *Documents for which the Commission is not in a position to allow re-use in view of* ***intellectual property rights of third parties***

3. *Documents made accessible to a party under specific rules governing* ***privileged access to documents.***

European Union Open Data Portal

It's about dogfooding

HOME PAGE

European Commission

European Union Open Data Portal **BETA** http://open-data.europa.eu

europa.eu

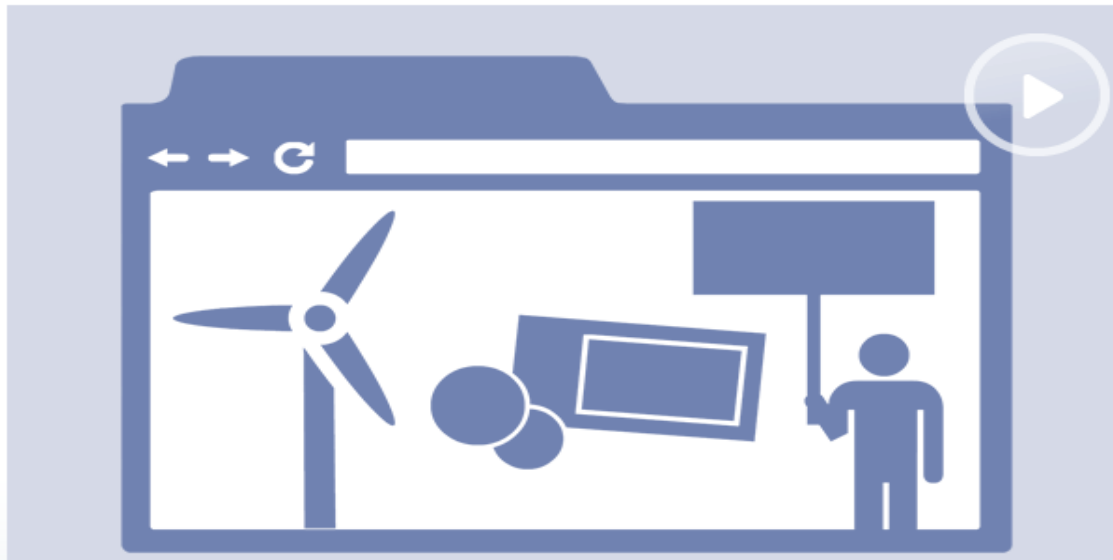Europa > Open Data Portal > Home

Home | **Data** | **Applications** | **Linked Data** | **About** | 🔒 *Data provider's area*

The European Union Open Data Portal contains 5950 datasets that you can browse, learn about and download.

DATA

European Union Open Data Portal **BETA**

europa.eu

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Find datasets... 🔍

Data Portal contains 5944 datasets that you can browse, learn about and download.

Top Publishers
view all publishers »

Eurostat
(5760 datasets)

European Environment Agency
(106 datasets)

Joint Research Centre
(33 datasets)

Directorate-General for Health and Consumers
(12 datasets)

Publications Office
(12 datasets)

Recent Updates
view all datasets »

EuroVoc, the EU's multilingual thesaurus
was updated on 14/06/13.

Psychiatric care beds in hospitals
was updated on 14/06/13.

Total length of railway lines
was updated on 14/06/13.

Public electronic procurement systems
was updated on 14/06/13.

Enterprises using Internet for interaction with public authorities (NACE Rev. 1.1)
was updated on 14/06/13

Applications

European Commission

European Union Open Data Portal BETA

europa.eu

Europa > Open Data Portal > Applications

Home | Data | Applications | Linked Data | About | 🔒 Data provider's area

Visualisation applications

The datasets you can access via the EU Open Data Portal contain raw data. Since data in this format can be difficult to read, applications are used to visualise and to reuse them. Discover the potential of EU open data with the applications created by data providers: see the gallery below.

Share your app

Have you used our data to create an application?

Please let us know!

DG CONNECT
The Digital Agenda Scoreboard

JRC
The European Forest Data Centre (EFDAC) Map Viewer

See description

See description

Linked Data

About Linked Data

Linked Data is a standard way to represent data on a wide range of topics. Publishing Linked Data makes it easier for developers to connect information from different sources, resulting in new and innovative applications. For example an application could combine crime, employment and house price data to help you choose a place to live.

To support this standard, the Open Data Portal makes the catalogue metadata available as Linked Data. We have also published many datasets as Linked Data, and will continue to increase the amount of Linked Data available via the portal.

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Technical information for developers

We provide a SPARQL endpoint which developers can use to query the catalogue metadata

🔗 SparQL web interface   🔗 SparQL endpoint

Metadata vocabulary

We have created a vocabulary for the metadata using the Data Catalogue (DCAT and DCT vocabulary) The vocabulary is provided as worksheet specification and as an ontology. It has been aligned in general terms to be compatible with Asset Description Metadata Schema ADMS.

Further reading

'Introducing Linked Data and the Semantic Web'
A step-by-step introduction

'Linked Open Data – The essentials'
A high-level overview for policy makers

'Bathing water quality'
A case study from data.gov.uk

Guides and tutorials to more Linked Data guides

A brief introduction to SPARQL

About

Home **Data** **Applications** **Linked Data** **About**

🔒 *Data provider's area*

What is the European Union Open Data Portal?

The European Union Open Data Portal is the single point of access to a growing range of data from the institutions and other bodies of the European Union (EU). Data are free for you to use and reuse for commercial or non-commercial purposes.

By providing easy and free access to data, the portal aims to promote their innovative use and unleash their economic potential. It also aims to help foster the transparency and the accountability of the institutions and other bodies of the EU.

What can I find on the portal?

The portal provides a metadata catalogue giving access to data from the institutions and other bodies of the EU. To facilitate reuse, these metadata are based on common encoding rules and standardized vocabularies.To learn more, see Linked Data

Data are available in both human and machine readable formats for immediate reuse. You will also find a selection of applications built around EU data.To learn more, see Applications

How can I reuse these data?

As a general principle, you can reuse data free of charge, provided that the source is acknowledged (see legal notice).Specific conditions on reuse, related mostly to the protection of third-party intellectual property rights, apply to a small number of data. A link to these conditions is displayed on the relevant data pages.

How can I participate in the portal?

Another important goal of the portal is to engage with the user community around EU open data. You can participate by:

website: http://open-data.europa.eu

francisco.garcia-moran@ec.europa.eu