

European Data Portal



EUROPEAN
DATA PORTAL

General Presentation



The European Commission aims at creating a "data value chain friendly" policy environment



The objective is to put in place the "systemic" prerequisites for effective use & re-use of data through legal and soft law measures

- 👤 Communication on Open Data ([COM\(2011\)882](#))
- 👤 A revision of the Decision governing the re-use of Commission's own information ([2011/833/EU](#))
- 👤 Revision of the Directive on the re-use of public sector information ([2013/37/EU](#))
- 👤 Commission Notice: guidelines on PSI re-use ([2014/C 240/01](#))
- 👤 EU Open data-portals

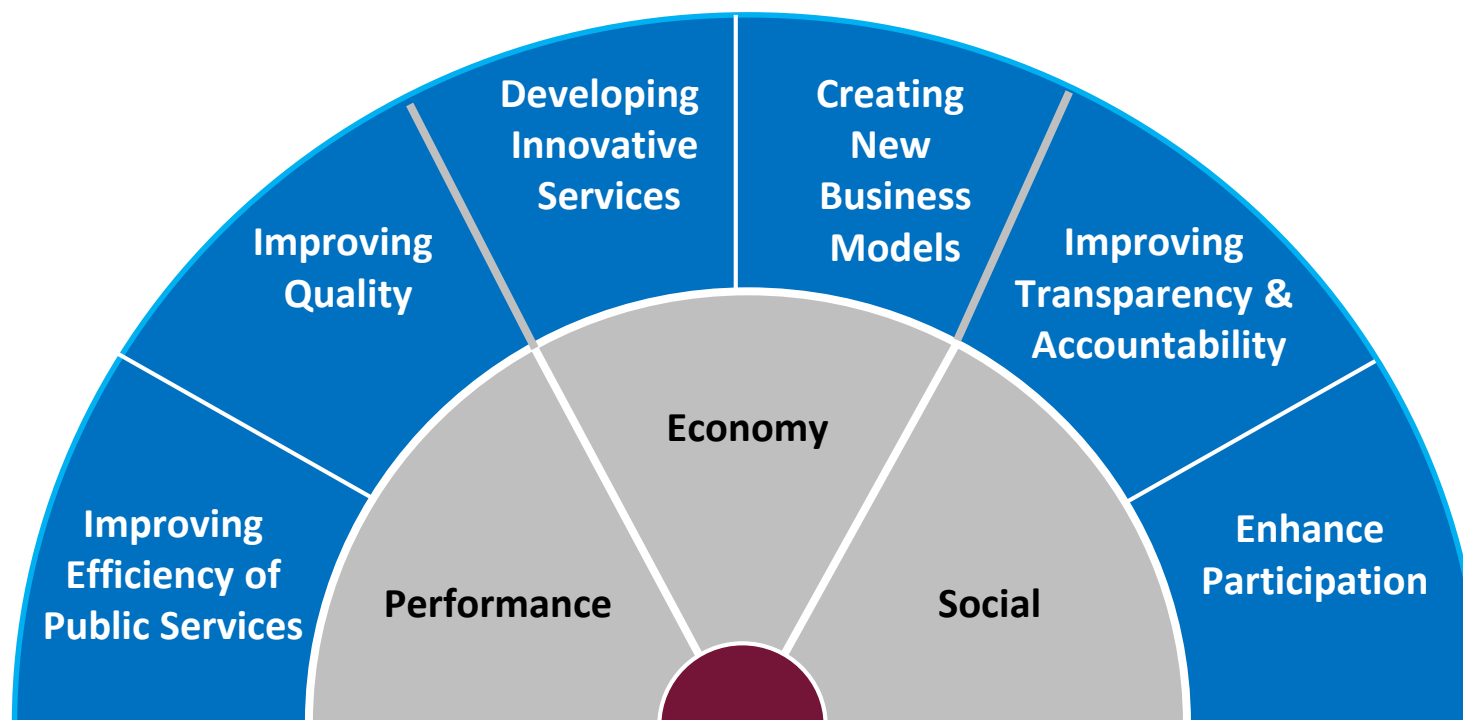
The main changes made in the revision of the PSI directive are:

- 👤 Creation of a genuine right to re-use public information: all generally accessible information will become re-usable
- 👤 New default charging rule based on the marginal cost for reproduction, provision and dissemination of the information. (In exceptional cases, full cost recovery will remain possible)
- 👤 Cultural institutions brought within the scope of the Directive
- 👤 Increased transparency requirements with regard to charges and conditions applied by public sector bodies
- 👤 New rules on digitisation agreements, which protect the cultural sector and the interests of the general public

The launching on the European Data Portal is one of the key steps the EC is taking in supporting the access to public data

The benefits of Open Data are diverse and range from improved performance of public administrations, economic growth in the private sector to wider social welfare

The Benefits of Open Data

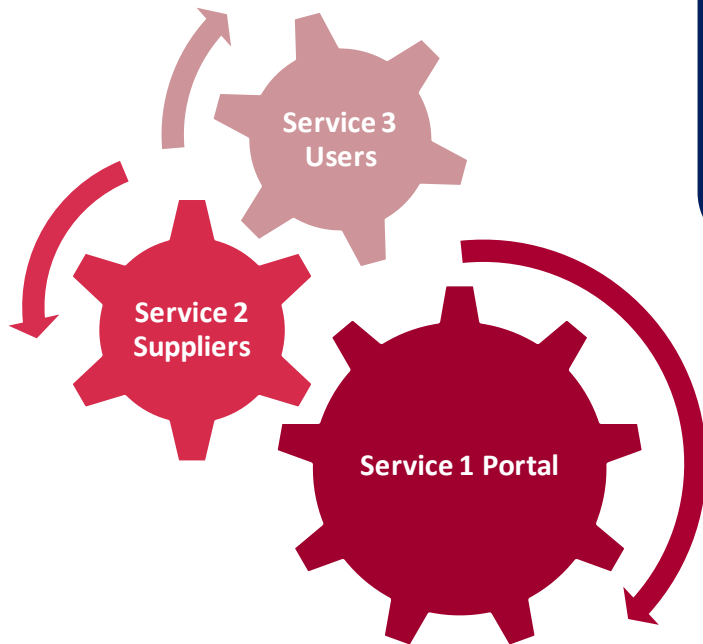


The European Data Portal will be a central hub providing access to all the information (metadata) about the data made accessible throughout Europe

The Deployment of an EU Open Data core platform: implementation of the pan-European Open Data portal and related services

The strategic objective of this project is to address Accessibility and Value of Open Data

- 👤 **Accessibility.** How to access this information about data ? Where to find it? How to make it available in the first place? In domains, across domains, across countries? In what language?
- 👤 **Value.** For what purpose and what economic gain? Societal gain? Democratic gain? What critical mass?



The Project is structured into three work streams

- Service 1: Developing, launching, operating and maintaining a pan-European web-based data portal infrastructure
- Service 2: Fostering uptake on data supply
- Service 3: Fostering uptake on reuse of public data resources

- A substantial part of the Open Data Value Chain is the Portal
- The Portal alone is an empty house and requires metadata to be supplied by the holders of public data resources
- A community needs to be engaged to make use of the Portal and the data, as this will drive economic benefits and innovation

All three Services are related and very much dependent on one another to untap the value of open data

Metadata has been structured into 13 categories following EUROVOC

To overcome the language barriers, the EUROVOC thesaurus has been used



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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 &
Social
Conditions








Science &
Technology

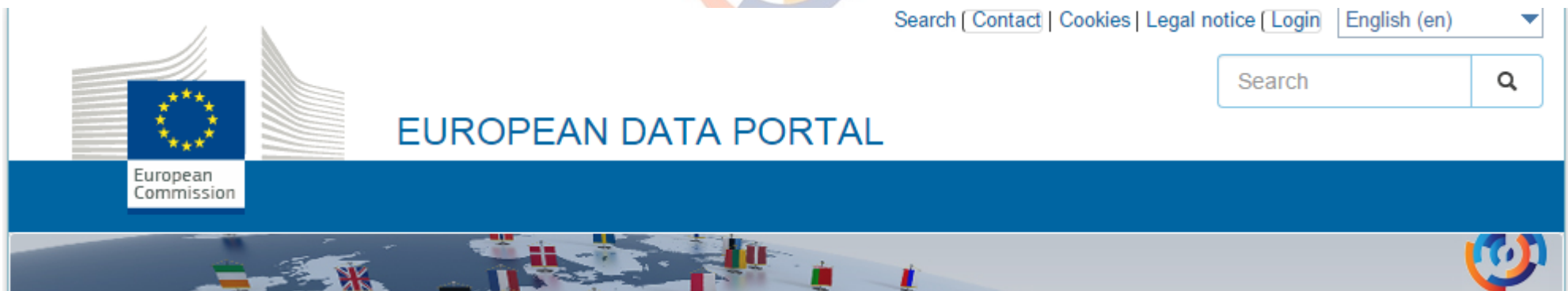
Data Categories have been based on the DCAT-AP.
The DCAT Application profile for data portals in Europe (DCAT-AP) is a specification based on the Data Catalogue vocabulary for describing public sector datasets in Europe.

The European Data Portal initial content has been collected by harvesting national public data portals. Progressively, the portal will harvest additional data collected by regional, local and domain specific portals

If you wish that your portal or website is harvested by the European Data Portal, a few key aspects need to be checked:

-  **Yes, you publishing public sector information.**
-  **Are you already being harvested by another national or local portal?**
-  If yes, make sure to mention which portals (urls) are already harvesting your data. The European Data Portal might already be harvesting that Portal.
-  **Is your portal accessible via API?**

-  **To be harvested by the European Data Portal we have several technical requirements we wish to share with you. These will be further detailed for the launch of the portal in November 2015**



There are numerous examples of the re-use of Open Data

There are numerous simple as well as complex ways to re-use Open Data

Accessing information about your neighbourhood

Finding a parking spot in a big city

Accessing information about air pollution

Cross-cutting public data with privately owned data

Checking whether your train or bus is on time

Finding what to visit in a certain part of the city or region

Comparing schools and universities

Locating the nearest defibrillator in case of an emergency

Viomedo is a German business that connects patients with ongoing clinical trials. It is an easily searchable database of current clinical trials, so patients and trial volunteers can quickly find different studies to participate in.

BlindSquare uses open data from OpenStreetMap to help visually impaired people navigate to a given location by alerting users to obstacles in their environment.

Vamos à la playa is a French application helping users to locate beaches in the South of France. It offers information about water quality, infrastructure and accessibility.

Next Steps : October and November 2015 represent a crucial milestone for the European Open Data Portal

A tight and exciting timeline!

- 16 November 2015 release of the Beta version for the European Data Forum
 - Metadata of public data made available on the EU28+ national portals
 - Metadata from the national geospatial portals
 - eLearning modules on open data
 - A gold book for data publishers
 - The first findings from
- Metadata will be made available in the 24 official languages of the EU, powered by MT@EC automated translation.

Join the Open Data Journey and support the release of data sets within your country

High quality local data and metadata will enable the discoverability and re-use of your data

Data will also help develop multilingualism





Overall Project Coordination & Management

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Back up slides



To adopt an internationally recognised approach in structuring data sets, the consortium uses as reference the domains listed in the G8 Open Data Charter

Data Category	Example datasets
Companies	Company/business register
Crime & Justice	Crime statistics, safety
Earth observation	Meteorological/weather, agriculture, forestry, fishing, and hunting
Education	List of schools; performance of schools, digital skills
Energy & Environment	Pollution levels, energy consumption
Finance and contracts	Transaction spend, contracts, call for tender, future tenders, local & national budget
Geospatial	Topography, postcodes, national maps, local maps
Global Development	Aid, food security, extractives, land
Government Accountability & Democracy	Government contact points, election results, legislation and statutes, salaries (pay scales), hospitality/gifts
Health	Prescription data, performance data
Science and Research	Genome data, research and educational activity, experiment results
Statistics	National Statistics, Census, infrastructure, wealth, skills
Social mobility & welfare	Housing, health insurance and unemployment benefits
Transport & Infrastructure	Public transport timetables, access points broadband penetration

Overview the categories of data – priorities for release

The Commission states that geospatial data, earth observation and environmental data, transport data, statistical data and selected company data are high priority data domains.

Category	Examples of datasets
Geospatial Data	Postcodes, national and local maps (cadastral, topographic, marine, administrative boundaries, etc.)
Earth observation and Environment	Space and in situ data (monitoring of weather, land and water quality, energy consumption, emission levels, etc.)
Transport Data	Public transport timetables (all modes of transport) at national, regional and local levels, road works, traffic information, etc.
Statistics	National, regional and local statistical data with main demographic and economic indicators (GDP, age, health, unemployment, income, education, etc.)
Companies	Company and business registers (lists of registered companies, ownership and management data, registration identifiers, balance sheets, etc.)