



# **European Public Sector Information Platform**

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# Value-based prioritisation of Open Government Data investments

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# **Keywords:**

Open Government Data, dataset, priority, publish, high-value, Linked Data, G8 Open Data Charter, ISA, Interoperability Solutions for European Public Administrations, European Union, EU, PSI

# **Abstract/ Executive Summary:**

Governments increasingly prioritise their investments in Open Government Data on the basis of the value that can be unlocked by opening up government datasets. For example, the G8 Member States, including the EU, committed to the opening up and publishing *high-value* datasets with priority. This was formalised in the "G8 Open Data Charter" and the individual action plans of the G8 Member States and the EU. In the context of Action 1.1 of the Interoperability Solutions for European Public Administrations (ISA) Programme of the European Commission, we elaborated on a working definition for high-value datasets through different dimensions, both from the perspective of the data publisher and data re-user. We used this working definition for identifying and prioritising datasets owned by European Institutions to be listed on the European Union Open Data Portal (EU ODP). This will allow EU institutions to determine which new datasets to be published with priority or for which high-value datasets already listed on the EU ODP, the reusability should be improved with priority.



## 1 Introduction

Government Data refers to data available under an open licence produced or commissioned by governments or government controlled entities which can be freely used, re-used and redistributed by anyone. Open data is instrumental to reach a variety of objectives both from a data publisher and a data re-user perspective. Theoretically the more data are made available, the better. But given the limited resources that publishers have at their disposal, one of the objectives of this activity was to identify high-value datasets to be published with higher priority.

The publication of high-value datasets as a priority for opening up data by governments has, for example, been set as a priority by the G8 and all Member States and the EU committed to the opening up and publishing of such datasets. In the "G8 Open Data Charter" and the individual action plans of the different G8 Member States, the opening of datasets is seen as a key enabler for transparency.

For publishers of datasets to be able to properly prioritise based on the value of datasets, it is important to have a common understanding on what can be considered as high-value datasets. In the context of Action 1.1¹ of the ISA Programme, we elaborated on a working definition for high-value datasets. For this we looked at different perspectives. Of course the view of the data publisher was taken into account. But also, since the value of a dataset lies importantly in its reuse, the perspective of the re-user has been taken into account.

In order to support the Commission's Open Data policy, metadata describing datasets published by European Institutions is collected and made available through the European Union Open Data Portal (EU ODP). As a result, users can access datasets produced by the European Institutions and bodies through a single point of access. As part of our work, we provided support by identifying new datasets by applying the definition and building a list of high-value datasets that should be listed on the EU ODP as a priority.

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<sup>&</sup>lt;sup>1</sup> This paper reports on work that was funded in the context of Action 1.1 of the Interoperability Solutions for European Public Administrations (ISA) Programme of the European Commission. Specific acknowledgement is due to: Valentina Frato, Norbert Hohn, Athanasios Karalopoulos, Vassilios Peristeras and Agnieszka Zajac.



# 2 Defining high-value data

For defining high-value datasets we first had a look at existing related work and studies. These were identified through our work in the field of (Linked) Open Government Data and Semantic Interoperability and in our collaboration with the European Commission and EU Member States. Additionally, we investigated which apps are currently being developed and what the underlying data (would) be. Also, a survey on social media has been launched, asking the reusers and app community which datasets they would like see opened up. Finally, we also looked at other indicators for instance from the Open Data Request Map, an interactive dashboard showing requests for data since the launch of the data request mechanism on data.gov.uk.

Title	Description
ES - Characterization Study of the Infomediary Sector	The Characterization Study of the Infomediary Sector identified that the following types of datasets are reused the most by business in Spain:  • Geographic and cartographic information  • Business and financial information  • Social-demographic and statistical information  • Legal information
DK – Good Basic Data for Everyone	The publication of high-value government data in Denmark is approached through the concept of "Basic Data" and comprises, amongst others, core information about individuals, businesses, real properties, buildings, addresses These kind of data make a lot of sense of being publically available for re-use because it increases governmental efficiency and it enables the private sector to develop new products and services.
G8 Open Data Charter	The G8 Open Data Charter defines high-value data as data that improve democracy and encourage the innovative re-use of the particular data. The charter mentions the following high-value data domains: Companies (e.g. company registers), Crime and Justice (e.g. crime statistics), Earth observation (e.g. meteorological observations), Education (e.g. list of schools and performance indicators), Energy and Environment (e.g. pollution levels), Finance and contracts (e.g. calls for tenders and budget/spending data), Geospatial (e.g. national maps), Global Development (e.g. aid and food security data), Government Accountability and Democracy (e.g. government contact points), Health (e.g. prescription data), Science and Research (e.g. genome data and experiment results), Statistics (e.g. national statistics and census), Social mobility and welfare (e.g. housing and health insurance), and Transport and Infrastructure (e.g. public transport timetables).  National government and the EC should facilitate the opening-up and
	publication of high-value datasets in machine-readable formats.



The G8 Open Data Charter has been transposed in the Open Data Action Plans of the France, Italy, UK and the European Commission.

Open data:
Unlocking
innovation and
performance
with liquid
information

This paper has the goal to quantify the potential value of using open data in seven "domains" of the global economy: education, transportation, consumer products, electricity, oil and gas, health care, and consumer finance. The paper aims on identifying the "levers" through which open data can create economic value and the barriers for adoption and "enablers" for capturing value by making data more open.

While it is recognised that opening up data contributes to societal goals such as improving the transparency and accountability of Institutions, the researchers focuses on economic value that can be created by open data and how this economic value can be reached by making data more "liquid" (open, widely available, and in shareable formats).

Guidelines on recommended standard licences, datasets and charging for the reuse of documents

In the context of the implementation of the revised Directive on the re-use of public sector information (2013/37/EU), the European Commission ran an online consultation to seek the views of stakeholders on recommended standard licensing, datasets and charging for the re-use of public sector information. Results of this consultation were compiled as a set of guidelines<sup>2</sup> for national administrations to guide them in the transposition of the revised PSI Directive and to encourage practices that increase the role of public sector information in the digital market.

This guidance document includes recommendations on the use of available open standard licences, the elements to include in custom-made licences, datasets to be published as priority, they ways to make them more readily re-usable, the application of the marginal cost rule and the cost elements that can be taken into account for cost-recovery charging.

These guidelines establish priorities for data release depending on the category of the information. Although other categories may be considered 'core' or 'high-value' data depending on the circumstances, five specific domains are recommended in the document:

- **Geospatial data** —e.g., postcodes, national and local maps (cadastral, topographic, marine, administrative boundaries, etc.)—
- Earth observation and Environment —e.g., 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

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<sup>&</sup>lt;sup>2</sup> Guidelines on recommended standard licences, datasets and charging for the reuse of documents: http://ec.europa.eu/information\_society/newsroom/cf/dae/document.cfm?action=display&doc\_id=6421



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.)—

Apart from the category, according to the guidelines, it is recommended that datasets be:

- published online in their original, unmodified form to ensure timely release;
- published and updated at the highest possible level of granularity to ensure completeness;
- published and maintained at a stable location, preferably on the highest organisational level within the administration, to ensure easy access and long-term availability;
- published in machine-readable and open formats (CSV, JSON, XML, RDF, etc.) to enhance accessibility;
- described in rich metadata formats and classified according to standard vocabularies (DCAT, EUROVOC, ADMS, etc.) to facilitate searching and interoperability;
- accessible as data dumps (massive outputs of data) as well as through application programming interfaces (APIs) to facilitate automatic processing;
- accompanied by explanatory documents on the metadata and controlled vocabularies used, to promote the interoperability of databases; and
- subject to regular feedback from re-users (public consultations, comments box, blogs, automated reporting, etc.) to maintain quality over time and promote public involvement.

# ISA Access to base registers

This report includes a set of recommendations for providing access to base registries (core information like addresses, persons, organisations...) for all layers of interoperability of the base registry interoperability model (legal, organisational, semantic and technical interoperability). A base registry is defined in "D1.2. Base registry definition" as "a trusted authentic source of information under the control of an appointed public administration or organisation appointed by government".

Based on the analysis of the above, which was summarised in a <u>report</u>, we elaborated on a working definition of "high-value dataset", taking into account two different points of view: the one of the data **publishers** and the one of the data **re-users**. Of course both two perspectives may in certain circumstance be strongly interlinked and overlap. For instance, the



fact that a publisher may considers a dataset as of high value because it contributes to transparency, does not exclude the fact that also from a re-users' perspective it could be of high value for the same reason.

This said the distinction between these two viewpoints has been developed as an instrument for identifying high-valued datasets rather than providing a definition fitting for all purposes. In fact a given dataset may serve multiple purposes depending for instance on the stakeholders involved, the specific point in time in which the dataset is analysed etc.

# 2.1 High value from a data publisher's perspective

From the viewpoint of the data publisher, there can be different reasons to make a dataset available. Particularly in the case of public administrations, the following dimensions contribute to the determination of the value of a given dataset. From the publisher's perspective, a dataset may be considered of high-value when one or more of the following criteria are met:

- It contributes to transparency:
  - These datasets are published because they increase the transparency and openness of the government towards its citizens. For instance the publication of parliaments' data, such as election results, or the way governmental budgets are spent, or staff cost of public administrations all contribute to the transparency of the way public administrations are working.
- Its publication is subject to a **legal obligation**:
  In some cases the publication of data is enforced by law. The PSI Directive for instance, regulates the publication of policy-related documents by (semi)public organisations.
- It directly or indirectly relates to their **public task:**A public administration may publish a dataset because it directly relates to its public task. For instance DG CLIMA may publish statistics on CO<sub>2</sub>-emission as part of its task for raising awareness about climate change.
- It realises a cost reduction:
  - The availability and re-use of a dataset, e.g. contact information, code lists, reference data and controlled vocabularies, eliminates the need for duplication of data and effort, reduces costs and increases interoperability. Collections of data housed in the base registers and geospatial data are prime examples of dataset which opening up will lead to direct cost reductions in data management, production and exchange.
- The type and size of its target audience:
  - A dataset may be useful for/relevant to a large audience (size-based value), for instance traffic data. On the other hand a dataset may bring large value to a specific target audience (target/subject-based value), for instance a dataset containing data of particles colliding at high speed in a particle accelerator.



# 2.2 High value from a data re-user's perspective

From a data re-user's perspective, the value of a dataset primarily depends on its use and re-use potential, which can effectively lead to the generation of (new) business models.

The use and re-use potential of a dataset is defined by the size and the dynamics of the target audience of the dataset (see above), as well as by the number of new and existing systems and services that are using (or could use) the particular dataset.

Opening up datasets with a high use and re-use potential is expected to lead to the creation of new products and/or services that have direct or indirect economic or social impact and/or positive economic externalities. The base registers, geospatial data, transport data and statistics constitute prime examples of datasets with a high use and re-use potential.

It is worth making a special reference to the interest of data re-users in datasets which contribute to transparency. Such datasets have a strong social impact. An example of open data used for serving transparency is the case of re-use of parliament data to develop an app about the activity of parliament members, like <a href="mailto:zewerkenvoorjou.be">zewerkenvoorjou.be</a> and TheyWorkForYou.com.

# 2.3 High-value datasets publication requirements

The value of a dataset also depends on its reusability. A dataset can be considered of high value, but its value is greatly diminished if it is not published in a highly reusable, open format. For instance, a dataset containing spending information of a public administration may be considered as high-value data. But if this information is not published with an open licence or in a structured or machine-readable format (as is the case for PDF) the potential re-use of this dataset is rather low. In order to increase its potential for re-use, the data should be made readily available in a non-proprietary, machine-readable format with an open licence and clear re-use conditions. In this way data re-users can easily process this information and develop products and services, such as the app publicspending.net.

For datasets to be re-used extensively, and thus to bring as much value as possible, datasets should be published according to a set of best practices to maximise the reusability. In this context the <u>5-star schema</u> of Tim Berners-Lee is a good tool for assessing the conformance to publishing principles of high-value datasets. We advise high-value data to be published at least as 3-star data, which implies making it available on the web under an open license in a non-proprietary structured format. Publishing data ranked as 3-star is still rather simple to do since normally there is no need to learn new tools. For instance, the data can be made available as CSV or Open Document Spreadsheet (ODS) by simply selecting this particular type when saving the document.

For a data re-user already a 3-star dataset gives some important advantages, like:

- Changing and manipulating the data without being confined by the capabilities of any particular software;
- Processing the data;



- Sharing the data; and
- Exporting the data to another format.

Also, to greatly improve the potential for re-use, it is important that metadata related to the re-use condition are duly published. These metadata include for example the licence under which a given dataset is made available and its provenance. However, this information is often missing.



## 3 Conclusions and recommendations

The definition was used in practice for identifying and prioritising datasets owned by European Institutions to be listed on the European Union Open Data Portal (EU ODP). With this work we were able to identify a total of **261** new high-value datasets.

The list containing this high-value datasets according to the elaborated definition can be found through the following link:

https://docs.google.com/spreadsheets/d/1jeb5R2O7YQMxFE7BjJorGXFtUduBhyNh7HsD2eGId5c/edit#gid=1901062878

Additionally, the research showed that identifying apps being developed can help in identifying datasets having a high re-use potential. Since potential re-use of a dataset strongly determines its value, looking at the apps being developed or requested is a good indication of which datasets are of high value (mainly from the data re-user's point of view) and can thus be prioritised for being published.

The work of identifying datasets that may be of high-value for different reasons is a continuous process. The working definition that was elaborated in the context of this work can assist data publishers, in particular government bodies, to prioritise on which data to open up first, taking into account resource restrictions.

The full report can be retrieved from https://joinup.ec.europa.eu/node/93785/



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**Stijn Goedertier** is a Senior Manager at PwC Belgium. Since 2011, Stijn has been working as a consultant for the Interoperability Solutions for European Public Administration (ISA) Programme of the European Commission on the Joinup and SEMIC projects. As Project Manager for Joinup, the collaborative development platform of the ISA Programme, Stijn was responsible for the functional specifications and acceptance testing between January 2011 and September 2013. In the context of the SEMIC project, Stijn was closely involved in the development, promotion, and implementation of several semantic interoperability solutions together with public administrations in Europe.

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# Annex I. High-value datasets identified

#### **Identification of EU datasets**

#### Context

In the context of Action 1.1 of the ISA Programme, deliverable 3.1.1 of the SEMIC – Phase 4 Project, the list hereunder was constructed. The list contains identified high-level EU datasets. A dataset is a collection of data.

This spreadsheet contains the dataset name, the URL that points to the dataset, the Directorate-General or Institution that has published the dataset, whether or not it is published on the Open Data Portal (ODP) and the number of stars that were given to the dataset.

The number of stars refers to the format. The datasets can be made available under many formats. The 5 star deployment scheme of Tim-Berners-Lee has been used:

- 1 star: The dataset has been published under an open licence in whatever format (E.g. PDF)
- 2 stars: The dataset has been published under an open licence and is structured (E.g. XML)
- 3 stars: The dataset has been published under an open licence and is structured in a nonproprietary format (E.g. CSV, ODF, SKOS, RFD)
- 4 stars: The dataset has been published under an open licence, is structured and uses URI's
- 5 stars: The dataset has already 4 stars, and on top of that it links to other data to provide context

The higher the number of stars, the easier it will be to make the dataset available as Linked Open Government Data. Further, the datasets listed in the G8 Collective Action Plan have been marked. For more information, navigate to the following websites:

- http://5stardata.info
- http://www.slideshare.net/OpenDataSupport/introduction-to-linked-data-23402165

#### **Identification of Data applications**

#### Context

In the context of Action 1.1 of the ISA Programme, deliverable 3.1.1 of the SEMIC – Phase 4 Project, the list hereunder was constructed. The list contains identified data application that could benefit from publishing EU datasets as Linked Data. The apps are categorized using the G8 Open Data Charter categories. The reason why it is useful to search for data applications is because it gives insight in the demand for information, the identity of Linked Open Government Data stakeholders and the needs of these stakeholders.

Identification of EU datasets										
ataset	Justifica	ation		URL	Publisher	Published on ODP?	Number of stars	Comment	Origin	
Transparency	Leg	ga Publ Co	ost Ta	rg Business model						
ggregate statistical data	x	x		http://www.eba.europa.eu/supervisory-convergence/supervisory-disclosure/aggregate-statistical-data	European Banking Authority	yes	2			
gricultural trade statistics 2002 - 2011 (aggregate)				x http://ec.europa.eu/agriculture/statistics/trade/2011/index_en.htm http://ec.europa.eu/agriculture/statistics/trade/2011/eu27-chapter_en.pdf	EC, DG AGRI	No	1			
griculture and Rural Development budget expenditure	x	x		http://ec.europa.eu/agriculture/fin/budget/index_en.htm	EC, DG AGRI	No	1	budget is published as a unique dataset - to be determined v	,	
MECO - The annual macro-economic database		х		http://open-data.europa.eu/en/data/dataset/ameco	EC, DG ECFIN	yes	3			
nnual growth survey		х		http://ec.europa.eu/europe2020/making-it-happen/annual-growth-surveys/index_en.htm	EC, DG EMPL	No	1	Link to a collection of PDFs (potential datasets)		
warded grants in the field of employment, social affairs and	×			x http://ec.europa.eu/social/main.jsp?catId=632&langId=en	EC, DG EMPL	No	1	Link to a collection of PDFs (potential datasets)		
clusion	×	++	+		FC. DG DFVCO	No	1	this is a search interface - ask DG DEVCO to publish certain de		
eneficiaries of grants and contracts	x	++	+	x http://ec.europa.eu/europeaid/work/funding/beneficiaries/index.cfm?lang=en			2	unis is a search interface - ask DG DEVCO to publish certain da	Itdsets	
udget execution by year and by theme		++	+	http://ec.europa.eu/research/fp7/index_en.cfm?pg=budget	EC, DG RTD	No	_	tables and interactive graphs are available		
udget figures	x	x		http://ec.europa.eu/budget/figures/index_en.cfm	EC, DG BUDG	No	1	tables and interactive graphs are available Link to a collection of PDFs (potential datasets)		
usiness and Consumer Surveys onsumer confidence indicators conomic sentiment indicator usiness climate indicator			:	x http://ec.europa.eu/economy_finance/db_indicators/surveys/index_en.htm	EC, DG ECFIN	No	1	indicators available per month Link to a collection of PDFs (potential datasets)		
areers with European Union		х		http://europa.eu/epso/apply/jobs/index_en.htm	European Personnel Selection Office (EPSO)	) No	1	The dataset behind these search functionalities could be inte	resting datasets	
artels statistics	х			http://ec.europa.eu/competition/cartels/statistics/statistics.pdf	EC, DG COMP	No	1			
ommission staff directory	x	х :	х :		EC, DG HR	No	1	to be check by PO - privacy and reuse issues	EU implementation of G8 Open Data Ch	narter
mmodity and market prices		х		x http://ec.europa.eu/agriculture/markets-and-prices/index_en.htm	EC, DG AGRI	No	1	Link to a collection of PDFs (potential datasets)		
mmon accident dataset			х	x http://ec.europa.eu/transport/wcm/road_safety/erso/safetynet/fixed/WP1/D1.14%20CADaS_The%20Common	%2 EC, DG MOVE	No	1			
empetitiveness of European aerospace industry		х		x http://ec.europa.eu/enterprise/sectors/aerospace/files/aerospace_studies/aerospace_study_en.pdf	EC, DG ENTR	No	1	several datasets inside the report		
empetitiveness of the EU Market and Industry for Pharmaceut	icals VOL			http://ec.europa.eu/enterprise/sectors/healthcare/files/docs/vol_1_welfare_implications_of_regulation_en.pd		No	1			
ompetitiveness of the EU Market and Industry for Pharmaceut				http://ec.europa.eu/enterprise/sectors/healthcare/files/docs/vol_2_markets_innovation_regulation_en.pdf	EC, DG ENTR	No	1			
puntries and regions		_	_	ec.europa.eu/trade/policy/countries-and-regions/	EC, DG TRADE	No	1			
ata for short-term economic analysis		+	_	http://epp.eurostat.ec.europa.eu/portal/page/portal/euroindicators/peeis/	EC, DG ESTAT	No	1	Link to a collection of files (potential datasets)		
evelopment aid spending of the EU	x	+++		http://ec.europa.eu/europeaid/how/accountability/iati_en.htm	EC, DG DEVCO	No	3		EU implementation of G8 Open Data Ch	narter
G SANCO data inventory - European Union Register on		+		https://open-data.europa.eu/en/data/dataset/OP38FLN0ZKBqKD8ZBhJA	EC, DG SANCO		2			
utrition and Health Claims (Health Claims) G SANCO data inventory - Plant Protection Products (PPP) uthorisations		x	+	http://ec.europa.eu/en/data/dataset/UP38FLNUZKBKD8ZBDJA	EC, DG SANCO	yes	1			
G SANCO data inventory - Rapex (Rapid Alert System - Non- ood)		x		https://open-data.europa.eu/en/data/dataset/Zk5Wq37ZXQ8ug27jbMgJaQ	EC, DG SANCO	yes	3			
ocuments related to the budget	x			http://ec.europa.eu/budget/biblio/documents/index_en.cfm	EC, DG BUDG	No	2	to be decided whether budget should be published several times (its already planned via EUR-Lex) Link to a collection of files (potential datasets)		
ORIF		++	+	http://ec.europa.eu/dorie/search.do?reset=true	EC. Secretariat - General	No	1			
conomic analysis and market forecasts		++	+.	http://ec.europa.eu/goriculture/analysis/markets/index_en.htm	EC, DG AGRI	No	1	Link to a collection of files (potential datasets)		
EA technical report: Fluorinated greenhouse gases 2011		+		http://ec.europa.eu/glincincure/analysis/markets/index_en.htm http://ec.europa.eu/clima/policies/f-gas/documentation_en.htm http://www.ea.europa.eu/publications/fluorinated_greenhouse-gases-2011	EEA EEA	No	1	additional years exists as well		
ergy Market Observation System		×	+	x http://ec.europa.eu/publications/nuorinated-greenhouse-gases-2011	EC, DG ENER	No	1			
CO (European skills, competences and occupations)		x	+	https://ec.europa.eu/energy/observatory/emos/emos_en.nun  https://ec.europa.eu/esco/web/guest/qualificationbrowser	EC, DG ENER	No	4	It is possible to download the whole dataset in RDF		
SIE SURVEY about ICT in Education - SMART 2010/0039		+	+	x http://ec.europa.eu/digital-agenda/en/survey-schools-ict-education	EC, DG EMPL EC, DG CNECT	No	1	Link to a collection of files (potential datasets)		
J Candidate and Pre-accession Countries Economies Quarterly		×	+	http://ec.europa.eu/ugitai-agenda/en/survey-schools-ict-education  http://ec.europa.eu/economy_finance/db_indicators/cpaceq/index_en.htm	EC, DG CNECT	No	1	Link to a collection of files (potential datasets)		
J Capital exercise final results		X	+	http://www.eba.europa.eu/risk-analysis-and-data/eu-capital-exercise/final-results	European Banking Authority	No	2	Link to a collection of files (potential datasets)  Link to a collection of files (potential datasets)		
KLEMS		+	+		EC, DG ECFIN	No	2	Link to a collection of files (potential datasets)  Link to a collection of files (potential datasets)		
Semantic Interoperability Catalogue	×	++	x	http://ec.europa.eu/economy_finance/db_indicators/eu_klems/index_en.htm	EC, DIGIT	No No	5	Lank to a conection of mes (potential datasets)		
o Semantic Interoperability Catalogue  Iropean Consumer Centres' Network (ECC-Net) in figures	^	++	^	x https://joinup.ec.europa.eu/catalogue/repository/eu-semantic-interoperability-catalogue http://ec.europa.eu/consumers/ecc/ecc_key_statistics_en.htm	EC, DIGIT EC, DG SANCO	No	1			
ropean Consumer Complaint Registration System (Consumer		x	+	https://open-data.europa.eu/en/data/dataset/1F04AINMCOOcRxUICYxA	EC, DG SANCO EC, DG SANCO	No	-	RDF files to be uploaded		
omplaints) propean Parliament elections results 2009		x	+	http://www.europarl.europa.eu/aboutparliament/en/00082fcd21/Results-by-country-%282009%29.html	European Parliament	No	1		EU implementation of G8 Open Data Ch	parter
	x		+		· ·		1	lish as a sellestine of files (see 1997)	20 implementation of G8 Open Data Ch	iaitei
•		х	+	http://www.erd-report.eu/erd/report_2012/report.html http://epp.eurostat.ec.europa.eu/portal/page/portal/information_society/data/comprehensive_databases	EC, DG DEVCO EC, DG ESTAT	No		Link to a collection of files (potential datasets)		
uropean Report on Development 2013					TEL. DO ESTAT	No	2	Link to a collection of files (potential datasets)		
uropean Report on Development 2013 urostat ICT community surveys			- 1							
uropean Report on Development 2013 urostat ICT community surveys U-wide stress testing 2011		x		http://www.eba.europa.eu/risk-analysis-and-data/eu-wide-stress-testing/2011	European Banking Authority	No	1	Link to a collection of files (potential datasets)		
•		x x						Link to a collection of files (potential datasets)  Link to a collection of files (potential datasets)		

					Identification of EU datasets						
Dataset	Justifica	tion			URL	Publisher	Published on ODP?	Number of stars	Comment	Origin	
Transparency	Leg	a Publ C	Cost T	Targ	Business model						
Fiscal institutions database					http://ec.europa.eu/economy_finance/db_indicators/fiscal_governance/independent_institutions/index_en.htm	EC, DG ECFIN	No	2	Link to spreadsheet: http://ec.europa.eu/economy_finance/	db_indicators/fiscal_governance/documents/fiscal_	l_institutions_2012_final.xl
Fiscal rules database	×		х		x http://ec.europa.eu/economy_finance/db_indicators/fiscal_governance/fiscal_rules/index_en.htm	EC, DG ECFIN	No	2	Link to spreadsheet: http://ec.europa.eu/economy_finance/	db_indicators/fiscal_governance/documents/fiscal	_rules_2012_final_200114
Forecasts for EU Member States	x	х			http://ec.europa.eu/economy_finance/eu/forecasts/2012_autumn_forecast_en.htm	EC, DG ECFIN	No	1			
General government data economic indicators	x	х			x http://ec.europa.eu/economy_finance/db_indicators/gen_gov_data/time_series/index_en.htm	EC, DG ECFIN	No	1	Link to a collection of files (potential datasets)		
Indicators of the electronic communications market		х			x http://ec.europa.eu/digital-agenda/en/download-data	EC, DG CNECT	No	4			
Innovation Union Competitiveness Report 2011			х		x http://ec.europa.eu/research/innovation-union/index_en.cfm?pg=home&section=competitiveness-report&years	2 EC, DG RTD	No	2			
Key indicators for the euro area		x			x http://ec.europa.eu/economy_finance/db_indicators/key_indicators/index_en.htm	EC, DG ECFIN	No	0	For personal and non-commercial use only		
Labour market and wage developments (LABDEV) indicators		х	$\pm$	х	x http://ec.europa.eu/economy finance/indicators/labdev/stats/index en.html	EC, DG ECFIN	No	3			
LABREV		x	Y		x http://ec.europa.eu/economy_finance/indicators/economic_reforms/labref/	EC, DG ECFIN	No	3			
		+^+	^					,	we tried to generate statistics to determine the star level.		
MACMIC		x	х		x http://ec.europa.eu/economy_finance/indicators/economic_reforms/macmic/dsp_sim.cfm?CFID=40687916&CF	EC, DG ECFIN	No	-	However the user interface is not very friendly and is not possible to classify the data		
Members European Parliament (MEPs)	x			х	x http://www.europarl.europa.eu/meps/en/full-list.html	European Parliament	No	2			
MICREF			х	х	x http://ec.europa.eu/economy_finance/indicators/economic_reforms/micref/	EC, DG ECFIN	No	2			
Monetary Conditions Index		х	$\neg$	х	http://ec.europa.eu/economy_finance/db_indicators/conditions/index_en.htm	EC, DG ECFIN	No	2			
Online survey statistics on late payments	x		х	х	x http://ec.europa.eu/enterprise/policies/single-market-goods/files/late_payments/doc/annex2_en.pdf	EC, DG ENTR	No	1			
Overall statistics on temporary mobility		x	_	x	x http://ec.europa.eu/internal_market/qualifications/regprof/index.cfm?action=stat_overall&b_services=true	EC, DG MARKT	No	2			
							_		Need to ask permission in case of non-personal use, available		
Price and Cost Competitiveness		x	х	х	x http://ec.europa.eu/economy_finance/db_indicators/competitiveness/index_en.htm	EC, DG ECFIN	No	0	in CSV Link to a collection of files (potential datasets)		
Production and consumption of ozone-depleting substances 19	86-2004	х		х	x http://www.eea.europa.eu/data-and-maps/indicators/production-and-consumption-of-ozone/production-and-co	n EC, DG CLIMA	No	1			
Emission Database for Global Atmospheric Research (EDGAR)				х	http://edgar.jrc.ec.europa.eu/overview.php	EC, DG JRC	No	1			
Publications produced by DG BUDG				х	http://ec.europa.eu/budget/biblio/publications/publications_en.cfm	EC, DG BUDG	No	1	Link to a collection of files (potential datasets)		
Public opinion			_	х	http://ec.europa.eu/public_opinion/index_en.htm	EC, DG COMM	No	1			
Preparatory acts	×				http://eur-lex.europa.eu/en/prep/index.htm	EC, OP	No	1	check with new eurlex	EU implementation of G8 Open Data Cl	harter
	x				x http://eur-lex.europa.eu/en/legis/latest/index.htm	EC, OP	No	1	Link to a collection of files (potential datasets)	EU implementation of G8 Open Data Cl	
Legislation in force		_	-					1	Link to a collection of files (potential datasets)		
European Legislation not yet adopted	x	-	х		x http://new.eur-lex.europa.eu/search.html?qid=1392198073767&LP_PENDING_FL=true&DTS_DOM=LEGAL_PRO(	-	No			EU implementation of G8 Open Data Cl	
Procedures adopted in a given year	x		х		x http://new.eur-lex.europa.eu/search.html?qid=1392198155258&LP_ADOPTED_FL=true&DTS_DOM=LEGAL_PRO		No	1		EU implementation of G8 Open Data Cl	
All interinstitutional procedures	x		х	х	x http://new.eur-lex.europa.eu/search.html?qid=1392198196777&DTS_DOM=LEGAL_PROCEDURE&type=advance		No	1		EU implementation of G8 Open Data Cl	
Withdrawn proposals in a given year	х		х	х	x http://new.eur-lex.europa.eu/search.html?LP_WITHDRAWN_FL=true&qid=1392198220133&DTS_DOM=LEGAL_E	EC, OP	No	1		EU implementation of G8 Open Data Cl	Charter
EU directives	x		х	х	x http://new.eur-lex.europa.eu/search.html?instInvStatus=ALL&qid=1392198356633&DB_TYPE_OF_ACT=directive	EC, OP	No	1		EU implementation of G8 Open Data Cl	harter
Consolidated legislation	x		х	х	x http://eur-lex.europa.eu/en/consleg/latest/index.htm	EC, OP	No	1			
Legislation - basic acts	x		х	х	x http://new.eur-lex.europa.eu/search.html?REP=REP&instlnvStatus=ALL&qid=1392198296183&DTS_DOM=EU_LA	EC, OP	No	1			
Regional Project examples	x				http://ec.europa.eu/regional_policy/projects/stories/index_en.cfm	EC, DG REGIO	No	1			
Cohesion policy 2014-2020 - Available budget	x		х	х	http://ec.europa.eu/regional_policy/thefunds/funding/index_en.cfm	EC, DG REGIO	No	2			
Cohesion policy 2007-2013 - available budget	x		х	x	http://ec.europa.eu/regional_policy/thefunds/funding/index_en.cfm	EC, DG REGIO	Yes	2			
Register of EU anti-trust cases	x		_		x http://ec.europa.eu/competition/cartels/cases/cases.html	EC, DG COMP	No	1	Link to a collection of files (potential datasets)		
Regulated professions database	^	x	_	x	http://ec.europa.eu/internal_market/qualifications/regprof/index.cfm?action=homepage	EC, DG MARKT	No	2	zink to a concessor of mes (potential datasets)		
SME Performance Review		×		x		EC, DG ENTR	No	2	Link to database of the report: http://ec.europa.eu/enterpris	- /	
		^	-	^			-	_			
Staff by grade (European Commission)	х	-	-		http://ec.europa.eu/civil_service/docs/europa_sp2_bs_nat_x_grade_en.pdf	EC DO SAITD	No	1	publisher not clear	EU implementation of G8 Open Data Cl	inai ter
Start-ups and Bankruptcies Statistics		х	-	х		EC, DG ENTR	No	1	Link to a collection of files (potential datasets)		
State Aid register	х		_		http://ec.europa.eu/competition/state_aid/register/	EC, DG COMP	No	1	Link to a collection of files (potential datasets)		
State Aid Statistics	х				http://ec.europa.eu/competition/state_aid/statistics/statistics_en.html	EC, DG COMP	No	2	Link to a collection of files (potential datasets)		
Statistical annex of European Economy		х	х	х	x http://ec.europa.eu/economy_finance/publications/european_economy/2013/2013-sa-autumn_en.htm	EC, DG ECFIN	No	1			
Statistical bulletin 2013		х		х	x http://www.emcdda.europa.eu/stats13	European Monitoring Centre for drugs and	l No	2	other years available		
Statistics - Professionals moving abroad (establishment)		х		х	http://ec.europa.eu/internal_market/qualifications/regprof/index.cfm?action=stat_overall	EC, DG MARKT	No	2			
Statistics on Trade		х	х	х	x http://ec.europa.eu/trade/statistics/	EC, DG TRADE	No	1			
Study on the Competitiveness of the European Meat Processing	g Industry	×		х	http://ec.europa.eu/enterprise/sectors/food/files/report_compmeat_en.pdf	EC, DG ENTR	No	1			
Study on transfer pricing	ТТ.		$\exists$	х	http://ec.europa.eu/europeaid/what/economic-support/documents/transfer-pricing-study_en.pdf	EuropeAid	No	1			
European company survey			х	х	x http://www.eurofound.europa.eu/surveys/ecs/index.htm	Eurofound	No	1	Link to a collection of files (potential datasets)		
European quality of life survey					x http://www.eurofound.europa.eu/surveys/eqls/index.htm	Eurofound	No	1			
Table & Chart Reports e-business					x http://ec.europa.eu/enterprise/archives/e-business-watch/statistics/table_chart_reports.htm	EC, DG ENTR	No	2			
Table & Chart Reports e-business 2			_		x http://ec.europa.eu/enterprise/archives/e-business-watch/statistics/data.htm	EC, DG ENTR	No	2			
		++						_			
Tax and benefits indicators database	x x		_	х	http://ec.europa.eu/economy_finance/db_indicators/tab/	EC, DG ECFIN	No	2			
Taxation Reforms Database (TRD)		-	_		x http://ec.europa.eu/economy_finance/indicators/economic_reforms/taxation_reforms_database/	EC, DG ECFIN	No	2			
Taxes and customs database		х	_		x http://ec.europa.eu/taxation_customs/tedb/taxSearch.html	EC, DG TAXUD	No	1			
EURES advisers				х	x https://ec.europa.eu/eures/main.jsp?catId=3&acro=eures⟨=en	EC, DG EMPL	No	1			
Number of job vacancies per country per day			х	х	x https://ec.europa.eu/eures/main.jsp?acro=job⟨=en&viewDistrib=true	EC, DG EMPL	No	1			

		,		Identification of EU datasets						
ataset	Justifica	tion		URL	Publisher	Published on ODP?	Number of stars	Comment	Origin	
Transparency	Leg	a Publ Co	ost Ta	Business model						
e IDB Public Access	х			http://ec.europa.eu/health/data_collection/databases/idb/public_access/index_en.htm	EC, DG SANCO	No	3			
e iGrowGreen assessment framework		х :	x	x http://ec.europa.eu/economy_finance/indicators/economic_reforms/Quantitative/byIndicatorList/index.cfm	Papp EC, DG ECFIN	No	2			
LIME assessment framework (LAF) database		х :	х	x http://ec.europa.eu/economy_finance/indicators/economic_reforms/Quantitative/laf/	EC, DG ECFIN	No	2			
de Mark View			х	x x https://www.tmdn.org/tmview/welcome	OAMI	No	1			
icultural Trade analysis			х	x x http://ec.europa.eu/agriculture/trade-analysis/index_en.htm	EC, DG AGRI	No	1	link to statistics: http://ec.europa.eu/agriculture/trade-anal	ysis/statistics/index_en.htm	
year-olds in education		х	$\top$	https://open-data.europa.eu/en/data/dataset/FU1dVmK2p78nimYJ7qFaoA	EC, DG ESTAT	Yes	3			
regated measurement of support for agriculture	x	х		https://open-data.europa.eu/en/data/dataset/Y7rJ9RJFN0rlUq3PezPA	EC, DG ESTAT	Yes	3			
pollution data (aggregate of datasets)		х		https://open-data.europa.eu/en/data/dataset/X8ckCZJa9ZL5QF6o5VICPg	EC, DG ENV (EEA)	Yes	3			
bient Air Quality		x	-	x https://open-data.europa.eu/en/data/dataset/Af3mdjj2XhXWgw3OkFVSvA	EEA	Yes	3		EU implementation of G8 Open Data Cha	rter
ual List of contractors	x		+	x https://open-data.europa.eu/en/data/dataset/annual-list-contractors-2011	EC, DG ELARG	Yes	1			
eficiaries of EU spending (FTS)	x		+	x https://open-data.europa.eu/en/data/dataset/FTS	EC, DG BUDG	Yes	2		FU implementation of G8 Open Data Cha	rter
lies of translated text by the EC translation service 2004-	^		+				-			
2 lget of the EU institutions, bodies, the Ombudsman and the		х :	х	http://open-data.europa.eu/en/data/dataset/dgt-translation-memory  https://open-data.europa.eu/en/data/dataset/budget-2013	EC, DG TRANSLATION  EC, OP	Yes	3		EU implementation of G8 Open Data Cha EU implementation of G8 Open Data Cha	
		+	+				_		EO IMPIEMENTACION OF G8 Open Data Cha	ii tei
dget of the European Union	х		-	https://open-data.europa.eu/en/data/dataset/budget-2013	EC, OP	yes	1			
siness demography			_	x x https://open-data.europa.eu/en/data/dataset/f1mlEllQbE16dqZmMviL1g	EC, DG ESTAT	Yes	3			
iness demography main derived indicators - NACE Rev. 2 (B- xcluding K64.2)				x https://open-data.europa.eu/en/data/dataset/tOmpKlasboUBDMGLrZS2dQ	EC, DG ESTAT	Yes	3			
siness demography main variables - NACE Rev. 2 (B-N luding K64.2)				x https://open-data.europa.eu/en/data/dataset/KRsOecr5PPITTQDxeMXKg	EC, DG ESTAT	Yes	3			
ndidate List of Substances of Very High Concern for thorisation		х		https://open-data.europa.eu/en/data/dataset/candidate-list-of-substances-of-very-high-concern-for-author		Yes	3			
itral Counterparties				https://open-data.europa.eu/en/data/dataset/MiFID_CCP	European Securities and Markets Auth	nority Yes	3			
nmunity trademark (CTM) registrations			x :	x https://open-data.europa.eu/en/data/dataset/feuCwnlyHWJMk6reulSyTw	EC, DG ESTAT	Yes	3		EU implementation of G8 Open Data Cha	rter
porate bodies Name Authority List		х :	х	https://open-data.europa.eu/en/data/dataset/SZGmLR0FFqWyJZN4ReBeNg	EC, OP	Yes	3			
ntries Name Authority List		х :	х	https://open-data.europa.eu/en/data/dataset/2nM4aG8LdHG6RBMumfkNzQ	EC, OP	Yes	3			
dit institutions: number of enterprises				x https://open-data.europa.eu/en/data/dataset/TCn481C2xYc37CsDeK4mAQ	EC, DG ESTAT	Yes	3			
dit institutions: number of persons employed				x https://open-data.europa.eu/en/data/dataset/pWyUAk6DL3qOFYqNlozBxQ	EC, DG ESTAT	Yes	3			
ne, violence or vandalism in the area (source: SILC)		х	$\top$	https://open-data.europa.eu/en/data/dataset/GNqqEVYOfnDrhwg4SlwA	EC, DG ESTAT	Yes	3			
nes recorded by the police		х	+	x https://open-data.europa.eu/en/data/dataset/NdQuOoiTiPM9fpsrnWOBQ	EC, DG ESTAT	Yes	3			
nes recorded by the police - NUTS 3 regions		х	+	x https://open-data.europa.eu/en/data/dataset/d8JDkDNxPqiclcsFvCJd1w	EC, DG ESTAT	Yes	3			
mes recorded by the police: historical data (total crime)		x	+			Yes	3			
50-2000		×	_	x https://open-data.europa.eu/en/data/dataset/lsnqasvCUZDOg9x5FUeT3w	EC, DG ESTAT	res	3			
mes recorded by the police: homicide in cities		х		x https://open-data.europa.eu/en/data/dataset/FsLDyvpXUPQyMeGw8O1aA	EC, DG ESTAT	Yes	3			
rency Name Authority List		х :	х	http://open-data.europa.eu/en/data/dataset/guylg1DHwcSRQSF5IHFMaA	EC, OP	Yes	3			
ailed information on research projects funded by the EU	x		x :	x https://open-data.europa.eu/en/data/dataset?q=cordis&ext_boolean=all&sort=score+desc	EC, CORDIS	Yes	1	several datasets	EU implementation of G8 Open Data Cha	rter
SANCO data inventory - Agricultural and Vegetable alogue		х :	x	x https://open-data.europa.eu/en/data/dataset/zOMHvCgeFXW4l8vnOlekyA	EC, DG SANCO	Yes	5			
SANCO data inventory - Community List of Approved Basic terial for Forest Reproduction Material (Catalogue Forestry)		х :	x	x x https://open-data.europa.eu/en/data/dataset/aQZQYhWqwlBci7b4Sn384Q	EC, DG SANCO	Yes	5			
SANCO data inventory - European Community Health cators (ECHI)		x :	x	x https://open-data.europa.eu/en/data/dataset/kaaoPM7Lto46XSBV2rgU1A	EC, DG SANCO	Yes	5			
SANCO data inventory - Food additives		х :	х	x https://open-data.europa.eu/en/data/dataset/0VSJ36wxUk9o0lbZVgVhEg	EC, DG SANCO	Yes	5			
SANCO data inventory - Food Contact Materials		х :	x	x https://open-data.europa.eu/en/data/dataset/WyiRNr2TYGsWp6xkq9A	EC, DG SANCO	Yes	5			
SANCO data inventory - Food Enzymes		х :	x	x https://open-data.europa.eu/en/data/dataset/HqnTD2xZFLSVceynnT7RZw	EC, DG SANCO	Yes	5			
SANCO data inventory - NFNET and Novel Food (Novel food) food ingredients)	S	х :	x	x x https://open-data.europa.eu/en/data/dataset/jn/Y9RFaFz6OPqGk8FjLw	EC, DG SANCO	Yes	5			
SANCO data inventory - Pesticides		х :	x	x x https://open-data.europa.eu/en/data/dataset/1432sFyoKqUpRjV6ang2TA	EC, DG SANCO	Yes	5			
SANCO data inventory - RASFF Window (Rapid Alert System ood and Feed)		х :	x	x x https://open-data.europa.eu/en/data/dataset/AcyIY83g1opyyupLt7lA	EC, DG SANCO	Yes	5			
al agenda scoreboard key indicators		х :	x	x https://open-data.europa.eu/en/data/dataset/digital-agenda-scoreboard-key-indicators	EC, DG CNECT	Yes	5			
oloyed in service sector and occupational status of recent pol-leavers				https://open-data.europa.eu/en/data/dataset/ploptQ6udtwwlW66mrAg	EC, DG ESTAT	Yes	3			
rpriseEuropeNetwork				https://open-data.europa.eu/en/data/dataset/enterpriseeuropenetwork	EC, DG ENTR	Yes	-	No resources - server inaccesibility message reported		
ants (ISCED 5A) in % of secondary school graduates, by sex				https://open-data.europa.eu/en/data/dataset/6NcSGc6Dh1ju3dL8AfajA	EC, DG ESTAT	Yes	3			
ronment and energy in Urban Audit cities, core city			_	https://open-data.europa.eu/en/data/dataset/Z9YT9b1l2yG2juowiwzf6A	EC, DG ESTAT	Yes	3			
ironmental protection expenditure by industry			_	https://open-data.europa.eu/en/data/dataset/Q4jgvL61BsGAEN9gDQGTg	EC, DG ESTAT	Yes	3			
ironmental tax revenues - % of GDP			-	x x https://open-data.europa.eu/en/data/dataset/8Q92yKDNivwjnXiUbzLyNQ	EC, DG ESTAT	Yes	3			
ironmental tax revenues - % of total revenues from taxes social contributions			-	x x https://open-data.europa.eu/en/data/dataset/Fzd7zfeCTWmSdTiGcIRIQ	EC, DG ESTAT	Yes	3			
				x https://open-data.europa.eu/en/data/dataset/eu-transport-in-figures-2011	EC DC MOVE	Yes	2			
ransport in Figures 2011					EC, DG MOVE	162				

					Identification of EU datasets						
ataset	Justific	ation			URL	Publisher	Published on ODP?	Number of stars	Comment	Origin	
Transparency	Le	ga Publ C	Cost T	Targ	Business model						
transport in Figures 2013				х	https://open-data.europa.eu/en/data/dataset/movepocketbook13	EC, DG MOVE	Yes	2			
robarometer 2012 on perceptions of discrimination in the EU	J	х		х	https://open-data.europa.eu/en/data/dataset/eurobarometer-2012-on-perceptions-of-discrimination-in-the-eu	EC, DG Justice	Yes	1			
andard Eurobarometer surveys		x	-	х	http://ec.europa.eu/public_opinion/archives/eb_arch_en.htm	EC, DG EAC & DG COMM	No	1	Link to a collection of files (potential datasets)		
robarometer - special surveys	x		х		http://ec.europa.eu/public_opinion/archives/eb_special_200_180_en.htm	EC, DG COMM	No	1	Link to a collection of files (potential datasets)		
ropean Pollutant Release and Transfer Register	+**	х	-	_	x https://open-data.europa.eu/en/data/dataset/h2HTibZPTr4bozhzRph1fA	EEA	Yes	3		EU implementation of G8 Open Data Cha	rter
rostat statistics				х	https://open-data.europa.eu/en/data/dataset?q=eurostat&ext_boolean=all&groups=estat&op=	EC, DG ESTAT	Yes	1		EU implementation of G8 Open Data Cha	
oVoc, the EU's multilingual thesaurus		х	$\neg$	$\exists$	https://open-data.europa.eu/en/data/dataset/I57spZ6CMZMFAIvArDiHaw	EC, OP	Yes	4		EU implementation of G8 Open Data Cha	rter
nily farm labour force				х	https://open-data.europa.eu/en/data/dataset/57ZDAvpvZfnAzjy87vK9g	EC, DG ESTAT	Yes	3			
e types Name Authority List		х	х	$\exists$	https://open-data.europa.eu/en/data/dataset/jekBqsQSiyb3AwBKgqe34g	EC, OP	Yes	3			
et Registry (fisheries)			х	х	x https://open-data.europa.eu/en/data/dataset/the-community-fishing-fleet-register	EC, DG MARE	Yes	3	Also on Eurostat		
eign direct investment in developing countries, by income up			х		x https://open-data.europa.eu/en/data/dataset/o3yQm9qfaFKMs34j9Tzw	EC, DG ESTAT	Yes	3			
eign languages learnt per pupil			$\dashv$	х	https://open-data.europa.eu/en/data/dataset/YAw5uMYaZ19ohf1z0dy2g	EC, DG ESTAT	Yes	3			
mal child care by duration and age group			-	х	https://open-data.europa.eu/en/data/dataset/gXczRSi95JWaYIHBqRNQ	EC, DG ESTAT	Yes	3			
nder Equality Index				х	https://open-data.europa.eu/en/data/dataset/gender-equality-index	European Institute for Gender Equality	Yes	1			
neral government deficit (-) and surplus (+) - annual data	x		$\dashv$	х	https://open-data.europa.eu/en/data/dataset/tJMJueBEP1A6PBbhrMAiBA	EC, DG ESTAT	Yes	3			
neral government deficit (-) and surplus (+) - quarterly data	×			x	https://open-data.europa.eu/en/data/dataset/UJnfOmzAVkMisCYHzfgIA	EC, DG ESTAT	Yes	3			
	<b> ^</b>	$\perp$	_	_							
neral government deficit/surplus	x		-	х	https://open-data.europa.eu/en/data/dataset/TtX8NEIBO2QLXHTM3R0q6g	EC, DG ESTAT	Yes	3			
neral government deficit/surplus	х	+	-	х	https://open-data.europa.eu/en/data/dataset/clqMGntwDCGtzcLhGCAVQA	EC, DG ESTAT	Yes	3			
neral government fixed investment - annual data	х	-	_	х	https://open-data.europa.eu/en/data/dataset/h015JLnvSHa5M7aagEc1g	EC, DG ESTAT	Yes	3			
neral government gross debt - quarterly data	x		-	х	https://open-data.europa.eu/en/data/dataset/0ssNb4oaDcXZunUYISVAA	EC, DG ESTAT	Yes	3			
vernment accounts - annual data	х			х	https://open-data.europa.eu/en/data/dataset/0FZICHMUdg3yx8fDQSK59w	EC, DG ESTAT	Yes	3			
vernment final consumption expenditure, current prices	x		х	_	x https://open-data.europa.eu/en/data/dataset/PPAScvW4DaKdzeU7o2RbjQ	EC, DG ESTAT	Yes	3			
		-	-	x		EC, DG ESTAT	Yes	3			
enhouse Gas Emissions (EEA) enhouse Gas Emissions (ESTAT)			x	_	x https://open-data.europa.eu/en/data/dataset/Q6pu7OrER2y3atsC7E2CQ x https://open-data.europa.eu/en/data/dataset/sPXPbBWHaDds6tsxAtFkFA	EC, DG ESTAT EEA	Yes	3			
· · ·			X	-		EC, DG ESTAT		3			
eenhouse Gas Emissions, base year 1990 research projects under EU-FP7		x	-	X	x https://open-data.europa.eu/en/dataset/qRiXUVCmxl91GllrRxnk9g x https://open-data.europa.eu/en/datas/dataset/ict-research-projects-under-eu-fp7	EC, DG ESTAT	Yes	2			
urance, number of persons employed by type of enterprises		_	x		x https://open-data.europa.eu/en/data/dataset/l41jtmsukTuilU2BNqMtYcQ	EC, DG ESTAT	Yes	3			
			_	_							
terinstitutional procedures Name Authority List		x	х	_	https://open-data.europa.eu/en/data/dataset/himOGXuuw63IyvBs1MQ	EC, OP	Yes	3			
ernational transactions in government services n.e.c.: ports, imports and balance			х	х	x https://open-data.europa.eu/en/data/dataset/WbxaAwBZpgL4L8JKG7aGPA	EC, DG ESTAT	Yes	3			
o mismatches and their labour market effects among school ers in Europe				x	https://open-data.europa.eu/en/data/dataset/qNdilfarF4WSNNVeAwzfuQ	EC, DG ESTAT	Yes	3			
nt European Parliament and Commission Transparency gister for organisations and self-employed individuals gaged in EU policy- making and policy implementation	x				https://open-data.europa.eu/en/data/dataset/transparency-register	EC, Secretariat - General	Yes	2		EU implementation of G8 Open Data Cha	rter
nguages Name Authority List		х	х		https://open-data.europa.eu/en/data/dataset/V7BfNkDOqYeVeQlOKTnTA	EC, OP	Yes	3			
reading literacy performance of pupils		х		х	https://open-data.europa.eu/en/data/dataset/rDyzkSbBw2tNrDEEc2tZsA	EC, DG ESTAT	Yes	3			
Itilingual Name Authority List		х	х		https://open-data.europa.eu/en/data/dataset/ECriFq3RyR0tstEeLo2nrA	EC, OP	Yes	4			
cional Emission Ceilings (NEC) Directive Inventory	x			х	x https://open-data.europa.eu/en/data/dataset/k2G3ASvE0GxvlqIXscvGRA	EEA	Yes	3			
tional emissions reported to the Convention on Long-range ansboundary Air Pollution (LRTAP Convention)				х	https://open-data.europa.eu/en/data/dataset/evVnvuthDt7h9xEQNJ0NA	EEA	Yes	3			
tional emissions reported to the UNFCCC and to the EU		$\Box$	$\forall$	х	https://open-data.europa.eu/en/data/dataset/FID1BJLtxBIN8r9tG9izA	EEA	Yes	3			
tionally designated areas (National - CDDA)		+	-	х	https://open-data.europa.eu/en/data/dataset/s8AqzigMsfBHxKykKonzHw	EEA	Yes	3			
w infringement cases	+	+	+	x		EC, DG ESTAT	Yes	1			
ganisations and sites with EMAS registration			$\dashv$	х	https://open-data.europa.eu/en/data/dataset/TVqXJ5UcUyGQ6az68KFU4g	EC, DG ESTAT	Yes	3			
ner collective accommodation establishments			_	_	x https://open-data.europa.eu/en/data/dataset/7R9V8WtObpL8S7OKS7cdDg	EC, DG ESTAT	Yes	3			
nt-by-plant emissions of SO2, NOx and dust and energy inpu arge combustion plants covered by Directive 2001/80/EC	ıt ,			x	https://open-data.europa.eu/en/data/dataset/ncnWmPlbZRpsG2djEhoyWg	EC, DG ESTAT	Yes	2			
pulation connected to wastewater collection and treatment items		x		х	https://open-data.europa.eu/en/data/dataset/tePIN77P7DGZqzuHMqTMSg	EC, DG ESTAT	Yes	3			
pulation connected to wastewater collection and treatment		x	+	x	https://open-data.europa.eu/en/data/dataset/Ab7mlfFMwml2JKyWTFowDw	EC, DG ESTAT	Yes	3			
stems by NUTS 2 regions	++	_ ^	-	_							
ivate credit flow in % of GDP - consolidated - annual data		+	+	х	https://open-data.europa.eu/en/data/dataset/REZaLmcDAu4vf2P87lrKZA	EC, DG ESTAT	Yes	3			
ivate credit flow in % of GDP - non consolidated - annual data	9		4	х	https://open-data.europa.eu/en/data/dataset/onjsJ7Uc0qoFj3MgQswGBg	EC, DG ESTAT	Yes	3			
ivate credit flow in % of GDP - non consolidated - quarterly				х	https://open-data.europa.eu/en/data/dataset/QozgTdYjQ7UWQETXYZTkQ	EC, DG ESTAT	Yes	3			

				Identification of EU datasets						
taset	Justifica	tion		URL	Publisher	Published on ODP?	Number of stars	Comment	Origin	
Transparency	Leg	a Publ Co	ost Ta	rg Business model						
vate expenditure on education		х		https://open-data.europa.eu/en/data/dataset/HLIJJ8yfClBxuDTitfSvlQ	EC, DG ESTAT	Yes	3			
jects financed by the European Investment Bank	х			https://open-data.europa.eu/en/data/dataset/projects-financed-by-the-european-investment-bank	European Investment Bank	Yes	1			
jects to be financed by the European Investment Bank	x			https://open-data.europa.eu/en/data/dataset/projects-to-be-financed-by-the-european-investment-bank	European Investment Bank	Yes	1			
arterly financial accounts for general government				https://open-data.europa.eu/en/data/dataset/uC86RfSZVYFlh9ikxrSRuA	EC, DG ESTAT	Yes	3			
arterly non-financial accounts for general government				https://open-data.europa.eu/en/data/dataset/uMtisXph6rpcu5KfRhyzLw	EC, DG ESTAT	Yes	3			
I GDP per capita, growth rate and totals		х		https://open-data.europa.eu/en/data/dataset/yfe6QWcVDyQSd7Zgp1ltBQ	EC. DG ESTAT	Yes	3			
ister of Commission expert groups and similar entities	x			https://open-data.europa.eu/en/data/dataset/sg-regexp	EC, Secretariat - General	Yes	2		EU implementation of G8 Open Data (	Charter
tilateral trading facilities				https://open-data.europa.eu/en/data/dataset/MiFID RM	European Securities and Markets Authority		2	No resources in EU ODP		
ource types Name Authority List		х >	-	https://open-data.europa.eu/en/data/dataset/IH9DhMUVmBwTrChcWg53Q	EC, OP	Yes	3			
es Name Authority List		x >	_		EC, OP	Yes	3			_
		^ /	_	https://open-data.europa.eu/en/data/dataset/0qMFlyqhv95veAyjqRNA  https://open-data.europa.eu/en/data/dataset/m78bHeV10UfDF2hosSL4LA		Yes	3			
ool expectancy		-	-	https://open-data.europa.eu/en/data/dataset/m78bHgV1OUfDF2hosSL4LA	EC, DG ESTAT	162	3			
res of environmental and labour taxes in total tax revenues n taxes and social contributions				x https://open-data.europa.eu/en/data/dataset/BLO45ZWEYZfHyLmhCzelqQ	EC, DG ESTAT	Yes	3			
e Aid by type of aid	x			https://open-data.europa.eu/en/data/dataset/WFeg2bLzwWoTLP6N8zxpIA	EC, DG ESTAT	Yes	3			
tability maps, aggregate of 19 datasets (ForestFocus)				x https://open-data.europa.eu/en/data/dataset/dLt3vYqO3k2cKtlM05ieuQ	EC, DG JRC	Yes	1			
RIC Consultation				x https://open-data.europa.eu/en/data/dataset/taric-consultation	EC, DG TAXUD	Yes	1			
nsparency Register	x			https://open-data.europa.eu/en/data/dataset/transparency-register	EC, Secretariat - General	Yes	3			
aties Name Authority List		х >	x	https://open-data.europa.eu/en/data/dataset/fsFHI9UxT4IuwwXKSj8aw	EC, OP	Yes	3			
TS management companies			_	x https://open-data.europa.eu/en/data/dataset/ucits-management-companies	European Securities and Markets Authority		2	No resources in EU ODP		
ture capital investments		,	_	x https://open-data.europa.eu/en/data/dataset/QhqjpDrpTNq0P91lv8XQw	EC, DG ESTAT	Yes	3			
er turnout in national and EU parliamentary elections	x	-		https://open-data.europa.eu/en/data/dataset/A0rIbQd7yWfEVcjOxxsHg	EC, DG ESTAT	Yes	3			
t Mechanism Report 2014 - statistical annex	^		+	http://ec.europa.eu/europe2020/pdf/2014/statannex2014 swd en.pdf	Council of the European Union	No	1			
		-	+		·	_				
ning opportunities		-	-	x https://ec.europa.eu/eures/main.jsp?lang=en&acro=learning&catId=487&parentId=55	EC, DG EMPL	no	1			
es opened per year by the EU Ombudsman	х		-	http://www.ombudsman.europa.eu/cases/casesopened.faces	Ombudsman	no	1			
of EU Ombudsman special reports	х		_	http://www.ombudsman.europa.eu/en/cases/specialreports.faces	Ombudsman	no	1			
of EU Ombudsman annual reports	х			http://www.ombudsman.europa.eu/activities/annualreports.faces	Ombudsman	no	1			
PS opinions	x	)	x	https://secure.edps.europa.eu/EDPSWEB/edps/site/mySite/OpinionsC	European Data Protection Supervisor	no	0			
S comments	x			https://secure.edps.europa.eu/EDPSWEB/edps/Consultation/Comments	European Data Protection Supervisor	no	0			
incil meetings	x			x http://www.consilium.europa.eu/press/council-meetings?lang=en	Council of the European Union	no	1			
ual reports on access to Council documents	x			http://www.consilium.europa.eu/documents/policy-regarding-access-to-council-documents/basic-texts-on-t	Council of the European Union	no	1			
ng in the Council of the European Union	x	x		x http://register.consilium.europa.eu/doc/srv?l=EN&t=PDF&gc=true≻=false&f=ST%2012104%202006%20IN	Council of the European Union	no	1	The hyperlink provided represents only one example,. For the time being voting data are available only as single PDF documents	e	
Bank Lending Survey		х	$\top$	http://www.ecb.europa.eu/stats/money/surveys/lend/html/index.en.html	European Central Bank	no	3	Link to a collection of files (potential datasets)		
monised long-term interest rates for convergence essment purposes		x		http://www.ecb.europa.eu/stats/money/long/html/index.en.html	European Central Bank	no	3			
ation in the euro area		x	+	http://www.ecb.europa.eu/stats/prices/hicp/html/inflation.en.html	European Central Bank	no	3			
employment rate		1	+	http://sdw.ecb.europa.eu/quickview.do?SERIES_KEY=132.STS.M.I6.S.UNEH.LTT000.4.000	European Central Bank	no	1			-
C list of Members		++	+	http://memberspage.eesc.europa.eu/Result.aspx?f=0&s=0&o1=0&o2=0&o3=0		-	1			+
	х	++	+		European Economic and Social Committee	no	_			-
tistics of judicial activity	х	++	-	x http://curia.europa.eu/jcms/upload/docs/application/pdf/2013-04/192685_2012_6020_cdj_ra_2012_en_pr		no	1			-
of meetings	х	++	-	x http://www.european-council.europa.eu/council-meetings?lang=en	European Council	no	1			-
erational statistics	х	$\perp$	_	x https://www.europol.europa.eu/content/page/operational-statistics-1847	Europol	no	0			_
nitology procedures	х	$\perp$	_	http://ec.europa.eu/transparency/regcomitology/index.cfm?do=Search.Search&NewSearch=1	EC, Secretariat - General	no	1			
intry thematic studies on access to justice				x http://fra.europa.eu/en/country-report/2012/country-thematic-studies-access-justice	European Agency for Fundamental Rights	no	1			
untry factsheets - asylum seekers perspectives				http://fra.europa.eu/en/country-data/2012/country-factsheets-asylum-seekers-perspective	European Agency for Fundamental Rights	no	1			
ural uranium contracts concluded by, or notified to ESA, 0 - 2012				x http://ec.europa.eu/euratom/docs/Nat_u_Contracts.xls	Euratom supply agency	no	2			
cial fissile material contracts concluded by, or notified to , 2000 - 2012	х			x http://ec.europa.eu/euratom/docs/Special_fissile_contracts.xls	Euratom supply agency	no	2			
27 reactor needs (or gross requirements) and net uirements (quantities in tU and tSWU)				http://ec.europa.eu/euratom/docs/ANNEX1-ReactorReq.xls	Euratom supply agency	no	2			
l loaded into EU-27 reactors and deliveries of fresh fuel ler purchasing contracts				http://ec.europa.eu/euratom/docs/ANNEX2-FUEL.xls	Euratom supply agency	no	2			
chases of Natural Uranium by EU utilities by origin, 1992- 2 (tU)				x http://ec.europa.eu/euratom/docs/Purchases_Nat_U.xls	Euratom supply agency	no	2			
viders of enrichment services delivered to EU utilities, 1993- .2 (tSWU)				x http://ec.europa.eu/euratom/docs/F7-SupplyofEN.xls	Euratom supply agency	no	2			
of plutonium in MOX in EU-27 and estimated natural nium (NatU) and separative work savings				http://ec.europa.eu/euratom/docs/T8-MOX.xls	Euratom supply agency	no	2			
man (rate) and separative work savings										

					Identification of EU datasets						
Dataset	set Justification URL Publisher							Number of stars	Comment	Origin	
Transparency	Le	ga Pub	Cost	:Targ	Business model						
Natural uranium coverage 2013-2021				х	http://ec.europa.eu/euratom/docs/F9-CoverageRate.xls	Euratom supply agency	no	2			
Jranium sellers to EU utilities in 2011 and 2012				х	http://ec.europa.eu/euratom/docs/ANNEX5-SUPPLIERS.xls	Euratom supply agency	no	2			
athing Water Quality				х	x http://www.eea.europa.eu/themes/water/status-and-monitoring/state-of-bathing-water/bathing-water-data-view	v EEA	no	1			
uropean Parliament calendar of plenaries and committees's m	х	х		х	x http://www.europarl.europa.eu/plenary/en/meetings-search.html	European Parliament	No	1			
uropean Parliament list of Texts Adopted (final) by year	х	х		х	x http://www.europarl.europa.eu/plenary/en/texts-adopted.html	European Parliament	No	1			
uroepan Parliament list of questions and declarations	x	х		х	x http://www.europarl.europa.eu/plenary/en/parliamentary-questions.html	European Parliament	No	1			
ote decision for each MEP	x	х		х	х	European Parliament	No	-	Currently no link available		
Court of Justice of the European Union cases - Court of Justice	х э	к х			http://curia.europa.eu/juris/liste.jsf?pro=&nat=or&oqp=&dates=%2524type%253Dpro%2524mode%253DfromTo	Court of justice of the European Union	No	1			
ourt of Justice of the European Union cases - General Court	х >	к х			http://curia.europa.eu/juris/liste.jsf?pro=&lgrec=en&nat=or&oqp=&dates=%2524type%253Dpro%2524mode%25	Court of justice of the European Union	No	1			
ourt of Justice of the European Union cases - Civil Service Trib	х э	к х			http://curia.europa.eu/juris/liste.jsf?pro=&lgrec=en&nat=or&oqp=&dates=%2524type%253Dpro%2524mode%25	Court of justice of the European Union	No	1			
ourt staff directory	x				http://curia.europa.eu/jcms/jcms/P_80908/	Court of justice of the European Union	No	1			
PSO Statistics - Number of applications	х	х			http://blogs.ec.europa.eu/eu-careers.info/tag/number-of-applications/	European Personnel Selection Office (EPSO)	No	1			
/ho is who	x	х	х		x http://europa.eu/whoiswho/public/	EC	No	1			
atistical data on tourism				х	x http://epp.eurostat.ec.europa.eu/portal/page/portal/tourism/data/main_tables#	Eurostat	Yes	3			
cident management Taxonomies			х	х	x https://www.enisa.europa.eu/activities/cert/support/incident-management/browsable/incident-handling-proces	ENISA	No	1			

Identification of Data applications											
58 Category	Data app	Description	Underlaying dataset	Corresponding EU dataset	URL						
overnment Accountability nd Democracy	Intelligent Search Engine for Online Services for Public Administrations	The city of Zaragoza had an app, based on semantic technology, for citizen to find just that service they need of the 500 - 600 services in tax, building construction, traffic, education, healthcare, etc. Zaragoza offers.			http://www.w3.org/2001/sw/sweo/public/UseCases/Zaragoza/						
Sovernment Accountability and Democracy	TheyWorkForYou.com	App that allows you to keep tabs on the UK's parliaments & assemblies		Members European Parliament (MEPs)	http://www.theyworkforyou.com/						
overnment Accountability nd Democracy	KildareStreet.com	Irish version of TheyWorkForYou.com, containing Irish parliamentary data from January 2004 until now		Members European Parliament (MEPs)	http://www.kildarestreet.com/						
overnment Accountability nd Democracy	Zewerkenvoorjou.be	Flemish version of TheyWorkForYou.com		Members European Parliament (MEPs)	http://zewerkenvoorjou.be/						
overnment Accountability nd Democracy	TheyWorkForYou.co.nz	New Zealand's version of TheyWorkForYou.com		Members European Parliament (MEPs)	http://theyworkforyou.co.nz/						
overnment Accountability nd Democracy	Openaustralia.org	Australian version of TheyWorkForYou.com		Members European Parliament (MEPs)	http://www.openaustralia.org/						
Government Accountability and Democracy	White House Visitor Search	App that provides online records of White House visitors on an ongoing basis. The White House has released nearly 3,000,000 records to date, which they make public in the context of their commitment to government transparency.		not found yet	http://www.whitehouse.gov/goodgovernment/to ols/visitor-records						
Government Accountability and Democracy	BillTrack50	App to search for US federal and state bills	Bills from all 50 states of the US	Beneficiaries of EU spending (FTS); EU legislation	http://billtrack50.com/						
Government Accountability and Democracy	Socrata	Socrata focuses exclusively on democratizing access to government data. The help public sector organizations improve transparency, citizen service and fact-based decision-making by delivering data to citizens, employees and developers on web, mobile and machine-to-machine interfaces.	Open Data from State and City Government Clients		http://www.socrata.com/						
Government Accountability and Democracy	Open Data Communities	App that gives information on housing, finance, deprivation, wellbeing and geography of UK households per postcode.		All data on households	http://opendatacommunities.org/dashboard						
Government Accountability and Democracy	Open product data				http://www.product-open-data.com/						
Government Accountability and Democracy	Traveling Entrepreneur	The app based on your current location retrieves all the green government programs for small businesses and then allows the user to share his/her favorite program on Facebook		Regional Project examples;							
Government Accountability and Democracy	SEC's Public Company Interactive Data Viewer	Investors can search the SEC's next generation EDGAR system for interactive data on public company financials.	SEC data		http://www.sec.gov/edgar/searchedgar/webusers .htm						
Government Accountability and Democracy	Recovery Act: Federal Buildings Fund Investments	Map showing where American Recovery and Reinvestment Act funds are used to convert federal buildings to high-performance green buildings and build new, energy-efficient federal buildings, courthouses, and land ports of entry.									
Government Accountability and Democracy	CIRCABC	Web-based service provided by the European Commission. It is used to create collaborative workspaces where communities of users can work together and share information and resources. This multilingual application offers distribution of versioned documents and files in any format, any language and with version control.			https://circabc.europa.eu/faces/jsp/extension/wai/navigation/container.jsp						
Government Accountability and Democracy	Itsyourparliament.eu			Members European Parliament (MEPs); Political Groups; votes; policy areas	http://www.itsyourparliament.eu/						
Budget	publicspending.net	App to keep track of where public money goes worldwide		Budget figures; Budget of the EU institutions, bodies, ombudsman and EDPS; Budget of the European Union	http://publicspending.net/						
udget	Where does my money go /GIST	App that gives a high level overview of quarterly departmental spending, as well as how the big numbers break down		Budget figures; Budget of the EU institutions, bodies, ombudsman and EDPS; Budget of the European Union							
udget	USAspending.gov	US government version of publicspending.net		Budget figures; Budget of the EU institutions, bodies, ombudsman and EDPS; Budget of the European Union	http://usaspending.gov/						
udget	Open the books Portal	From the federal to state to local government, the Books are Open Search salary, pension and spending databases.		Budget figures; Budget of the EU institutions, bodies, ombudsman and EDPS; Budget of the European Union	http://www.openthebooks.com/						
udget	openlylocal.com	Web-portal to access Local Government information			http://openlylocal.com/						

Global development	US Global Foreign Ald Mashup	By combining the data, the mashup enables its users to recognize the current focus areas of US foreign aid as well as to analyze shifts in the geographic focus over time.	Spending data from USAID; Data from the Department of Agriculture; Data from the Department of State; Background information from CIA World Factbook; News articles from the NY Times	Beneficiaries of EU spending (FTS); Development aid spending of the EU; State aid by type of aid; State Aid register; State Aid register; State aid statistics		
Global development	ImportGenius	US Trade/ Import/ Customs/ Shipping Data		Statistics on Trade; Trade analysis	http://www.importgenius.com/	
Global development	Comparing US-USAID vs UK-DFID Global Foreign Aid	This application presents a mashup of foreign aid data (represented in US Dollars) from the United States Agency for International Development (USAID) and UK Department for International Development (DFID) for the 2007 US		Development aid spending of the EU; State aid by type of aid; State Aid register; State Aid register;	http://logd.tw.rpi.edu/demo/comparing_us_usaid _and_uk_dfid_global_foreign_aid	
Global development	Mercaris	Mercaris's mission is to enable growth in the sustainable and specialty agricultural sector by providing timely, accurate information about key market data. This includes granular cash market price data, trade statistics, processing capacity, planted acreage and other information. Mercaris also allows buyers & sellers to meet on-line to procure commodity crops and discover price.	AMS Market News Reports; USDA Foreign Agricultural Service's Global Agricultural Trade System	Agriculture and Rural Deveopment budget expenditures; e Agriculture trade statistics 2002-2011 (aggregate)	http://www.mercaris.com/	
Global development	Panjiva	Panjiva is a B2B platform powering the business of global trade, providing indepth information on suppliers.	US Customs Data		http://panjiva.com/	
Global development	Arachnys	App that provides ship registration information worldwide	Open source ship data	Fleet Registry	http://blog.arachnys.com/1/post/2014/01/ship- registration-information-worldwide.html	
Global development	GBA Gems	An useful mobile application for small businesses and entrepreneurs to find and share federal and SBA programs and resources to jump start or grow business				
Global development	OES Map	The OES MAP gives an "at a glance" view of the different employment statistics such as wages (hourly and annual), total number of jobs, unemployment rates as well as location quotients on a map of the U.S.		Unemployment rate		
Global development	aWhere	aWhere transforms how global development initiatives are managed and monitored. aWhere's location intelligence data management platform enables integration of complex agricultural, environmental and public health data into local, actionable insight.			http://www.awhere.com/en-us	
Education	Talis Aspire	An application of Linked Data that helps educators to create and manage lists of learning resources (e.g., books, journal articles, Web pages)			http://talisaspire.com/	
Education	Europeana.eu	EU-funded catalogue of multi-media	Data from museaums, archives and libraries across Europe		http://www.europeana.eu/	
Education	GreatSchools	GreatSchools is an independent source of preK-12 school performance information, with profiles of 200,000 public, public charter, and private schools.	Common Core of Data (CCD); 2013 STAR test results		http://www.greatschools.org/	
Education	School District Demographic System	The School District Demographics System provides access to school district demographic and related geographic data.			http://nces.ed.gov/surveys/sdds/index.aspx	
Education	StudentAid.gov	StudentAid.gov provides information about planning and paying for college in an interactive format. The app adresses students, parents, borrowers in repayment, etc.			http://studentaid.ed.gov/	
Education	Library of Congress				http://www.loc.gov/index.html	
Education	DocsTeach	Helps the user make sense of events or ideas from the past using documents from the holdings of US National Archives	US National Archives		http://docsteach.org/	
Education	Science.gov Mobile	App that finds science information and research results from 12 U.S. federal agencies. The user has access to data from 50 scientific databases and more than 2100 websites.			http://m.science.gov/scigovmobile/	
Energy and Environment	Bathing Water Data Explorer	Throughout the summer, The Environment Agency of England and Wales collects detailed scientific data on the cleanliness of our bathing waters (mostly beaches). Use this web site to search for a bathing water by name, county or postcode, or by browsing around the map.	Data from Environment Agency of England and Wales	f	http://environment.data.gov.uk/lab/bwq-web	
Environment	Bathing water quality - data viewer	Use WISE Bathing Water Quality data viewer for a quick check on locations and statistics on the quality of coastal and freshwater bathing waters. You can search by country, region, province and bathing water and see bathing waters on Microsoft Bing Maps or Google Earth. You can also explore how bathing waters have changed over the last years	European Environmental Agency		http://www.eea.europa.eu/themes/water/status- and-monitoring/state-of-bathing-water/bathing- water-data-viewer	
Energy and Environment	ESDAC map viewer	European soil portal	JCR data; European Soil Bureau Network; EIONET data		http://eusoils.jrc.ec.europa.eu/wrb/	

Energy and Environment	Climate Corporation	The Climate Corporation aims to help farmers around the world protect their farming operations. The Climate Technology Platform combines hyper-local weather monitoring, agronomic data modeling, and high-resolution weather simulations to deliver Climate Basic, and Climate Pro, mobile SaaS solutions that helps farmers improve profitability by making better informed decisions, and Total Weather Insurance, an insurance offering that pays farmers automatically for bad weather that may impact their profits.	Multi-sensor Radar Derived Daily Percipitation; High Resolution Soil Dataset	Weather forecasts, climate data	http://www.climate.com/	
Energy and Environment	Energy points	Energy Points uses a unifying metric, big data and comprehensive analytics to manage enterprise energy resources, such as electricity, fuels, water, and materials.	eGRID; Water use in the Unites States 2010		http://www.energypoints.com/how-it-works/	
Energy and Environment	Energy solutions forum	Energy Solutions Forum provides the energy industry with U.S. energy and environmental policy information to support growth of domestic energy markets.  They offer the following app:  - Enerknol - a decision support for energy markets, connecting participants to a source of U.S. federal and state energy policy information			http://www.energysolutionsforum.com/	
Energy and Environment	Lucid	Lucid gives real-time feedback on energy and water use to save energy and save money in commercial buildings	NOAA weather data across the US; EPA/DOE electricity costs and emissions data by state		http://www.lucid.com/	
Energy and Environment	Leafsnap	App that identifies tree species from photographs of their leafs			http://leafsnap.com/	
Energy and Environment	Power Profiler	Application that provides electricity generation mix and greenhouse gas emissions information from U.S. utilities.		Greenhouse Gas Emissions (EEA); Greenhouse Gas Emissions (ESTAT); Greenhouse Gas Emissions, base year 1990.	https://powerprofiler.wppienergy.org/mvweb/Log in.html	
Energy and Environment	System Advisor Model	Performance and economic model designed to facilitate decision making for people involved in the renewable energy industry.			https://sam.nrel.gov/	
Energy and Environment	OpenEl	Open Energy Information (OpenEI) is a knowledge sharing online community dedicated to connecting people with data on global energy resources.  - OpenEI's Browse By Region - tools to get energy data by country, state, city, etc.		Greenhouse Gas Emissions, base year 1990	http://en.openei.org/wiki/Main_Page	
Energy and Environment	OpenPV	Collaborative effort between government, industry, and the public that is compiling a comprehensive database of photovoltaic (PV) installation data for the United States.			https://openpv.nrel.gov/	
Energy and Environment	National Coal Resources Data System	Mapping application that allows users to search data on coal resources.	STRAT: Stratigraphic data related to coal (e.g. drill holes, measured sections); USCHEM - Ultimate, proximate, and USGS-generated major, minor-, and trace-element data for coal samples collected by USGS and States; COALQUAL - derivation of this database; USCOAL - historical database of coal resource estimates compiled from publications prior to 1978		http://energy.usgs.gov/Tools/NationalCoalResour cesDataSystem/tabid/280/Agg816_SelectTab/1/D efault.aspx	
Energy and Environment	Energy Open Government Dataset Catalog	A searchable database of domestic and international open government datasets, including energy-related datasets.		Environmental and Energy in Urban Audit cities, core city; Energy Market Observation System.		
Energy and Environment	Web Soil Survey	Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. It is operated by the USDA Natural Resources Conservation Service (NRCS) and provides access to the largest natural resource information system in the world.				
Energy and Environment	Crop Explorer	The global Crop Explorer provided by USDA's Foreign Agricultural Service enables global food supply monitoring, and allows users to explore by crop or region.				
Energy and Environment	Green Data	Green Data informs the general public on situations that can compromise your health by sending alerts when safety thresholds are exceeded for your local ambient air quality or radiation levels.		Ambient Air Quality		
Crime and Justice	iLaw—Intelligent Legislation Support System	The Ministry of Justice of Korea and Korea Institute of Science and Technology Information have been developing an intelligent legislation support system, namely, iLaw. Semantic Web and text mining technologies targeting various information resources including domestic and foreign legal information are applied to the system in order to support legislative activities of legal experts and relevant parties to the legislation.	,	Legislation	http://connection.ebscohost.com/c/articles/7638 2983/ilaw-semantic-web-technology-based- intelligent-legislation-supporting-system	
Crime and Justice	UKCrime stats	A crime ranking platform for neighbourhoods, police forces and streets with maps, analysis and reports.		Crime, violence or vandalism in the area (source: SILC)		
Crime and Justice	Crime Spy UK	An iPhone application showing crime and neighbourhood information for your current location.	r	Crime, violence or vandalism in the area (source: SILC)		
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Crime and Justice	Local Crimes Demonstrator	This app focusses on displaying crime summaries and details in Local Authority Wards.	Data from data.police.uk; OpenDataCommunities		
Crime and Justice	Local Crime Map	This app displays a map of the most recent crimes in a given location. This allows you to quickly see the type and level of local crimes. Twelve months of historical data are also displayed, showing the trend over the year.		Crime, violence or vandalism in the area (source: SILC)	http://visualised.io/crime/index.html
Crime and Justice	UK Crime Statistics	An app that uses the UK crime data to display and compare statistics between postcodes, universities and football stadiums.			http://www.crime-statistics.co.uk/
Crime and Justice	Fastcase	Fastcase is a legal research service that offers the national law library in a web application that allows for faster searching, sorting, and visualization.	2013 Term Opinions of the Court; Data from the Office of the Law Revision Councel: United States Code		http://www.fastcase.com/
Crime and Justice	Lawdragon	Lawdragon is a legal news website with an annual magazine that provides coverage of high-profile legal matters and the attorneys handling them.	Databases of Licenced Lawyers; Data from PACER (Public Access to Court Electronic Records)		
Crime and Justice	SpotCrime	SpotCrime is the most visited crime mapping website in the US	Local Police Records		http://www.spotcrime.com/
Crime and Justice	RAIDS online	Crime mapping app	Lexington City Data		
Elections	King County Elections	App that offers voting statistics on local elections and measures	King County data	European Parliament Elections	
Statistics	IOGDS: International Open Government Dataset Search	The TWC International Open Government Dataset Search (IOGDS) is a linked data application based on metadata "scraped" from hundreds of international dataset catalog websites publishing a rich variety of government data.			http://logd.tw.rpi.edu/page/international_dataset _catalog_search
Statistics	Captricity	Captricity is a tech startup that has launched a completely self-serve data entry web service which transforms static data (from paper, pdf, fax, even handwriting) into workable format (Salesforce, ERP Systems or statistical analysis tools).	Data from the California Fair Political practices Commission (http://www.fppc.ca.gov/); http://www.irs.gov/uac/Form- 990,-Return-of-Organization- Exempt-From-Income-Tax-		http://captricity.com/
Statistics	Enigma.io	Enigma.io is a platform that centralizes, mines and relates big public data about companies, people and locations. Offering a large repositories of public data on the market, Enigma draws together sources as diverse as SEC filings, government spending contracts, liens, patents, asset ownership, bills of ladding, and much more. Enigma's web-based application allows users to connect otherwise disparate and unorganized public data and its full-featured APIs empower developers extend their applications.	Agencies; Data from SEC filings; Government spending contracts:	Data from several DG's of EU Agencies	http://enigma.io/
Finance and Contracts	BillGuard	BillGuard is an app that gives insight in credit card balances, recurring charges, charges flagged by others, etc.	CFPB Credit Card Complaint Database		https://www.billguard.com
Finance and Contracts	Brightscope Beacon	Beacon is a web-based analytics platform that offers financial firms marketplace visibility by connecting disparate datasets in new ways.	Retirement Plan Data; Investment Advisor Data		https://www.brightscope.com/beacon
Finance and Contracts	BuildZoom	BuildZoom aggregates information on the remodeling industry from city and state governments, consumer protection agencies and users to provide consumers with an authoritative resource to help them make important decisions when remodeling their homes. On BuildZoom, consumers can view information on every single contractor licensed to practice in the United States and also use a service request tool that algorithmically matches their proposal with the most eligible contractors in their area.	State contractor licence data; City Permit data	Data on licenced contractors, building permit history data	http://www.buildzoom.com/
Finance and Contracts	Way Better Pattents	Science and technology policy makers, inventors, entrepreneurs, and those seeking to develop new markets benefit from more informed access to data about innovations and changes being brought about by the informationization of innovation. Patents are a place where knowledge is power.	USPTO Bulk Pattents Downloads; NSF R&D Data; Federal Procurement Data System	https://open-data.europa.eu/en/data/dataset/feuCwnlyHWJMk6reulSyTw n	http://waybetterpatents.com/
Finance and Contracts	Labor Wage Statistics	Labor Wage Statistics uses statistics provided by the Department of Labor to help with future career choices.	Department of Labor		
Multilingualism	Metadata catalogue				
Transport and Infrastructure	Construction monitor	Construction Monitor provides timely, detailed and accurate building permit information. The data is used by the construction industry for leads to find new work and the financial industry to forecast economic trends.	Building permit data	Data on building permits	https://www.constructionmonitor.com/marketing /order/subtype/all
Transport and Infrastructure	Synthicity	Synthicity helps plan cities for the future in a 'Sim City' like way. Its technology platform allows city staff and urban planners to simulate building permits and transportation plans.	Data on parcels, buildings and zoning; Openstreetmap and gtfs		http://www.synthicity.com/

Transport and Infrastructure	Trulia	Trulia gives home buyers, sellers, owners and renters the inside scoop on properties, places and real estate professionals.	Earthquake map; Flood map; Tornado map; Hurricane Research Division Hurricane Map; Forest Service Wildfire Map		http://www.trulia.com/	
Transport and Infrastructure	Walk Score	Walk Score's mission is to promote walkable neighborhoods. Walkable neighborhoods are one of the simplest and best solutions for the environment, our health, and our economy.	US Census; USGS; City Government Data		http://www.walkscore.com/	
Transport and Infrastructure	Busit London	App to plan a journey by bus in London			http://www.busitlondon.co.uk/	
Transport and Infrastructure	VeloRacks	App that helps the user find a bike rack in the City of Seattle	Seattle City Data			
Transport and Infrastructure	Signal Analysis Software	The National Highway Traffic Safety Administration (NHTSA) Office of Research and Development offers signal analysis software for Windows platforms for the analysis and processing of crash test data. Basic mathematical processing (filters, resampling) and injury criteria computations are included with a number of the packages.	Data from the National Highway Traffic Safety Administration (NHTSA) Office of Research and Development			
Transport and Infrastructure	SafeRoadMaps.org	SafeRoadMaps.org is an integrated Geographical Information System (GIS) platform for conducting analysis using Fatal Accident Reporting System (FARS) data.	Data from the Fatal Accident Reporting System (FARS)			
Transport and Infrastructure	Portfolio Manager	Interactive benchmarking application for commercial buildings.				
Transport and Infrastructure	GREET Trip Calculator	Transportation application that estimates greenhouse gas emissions from trips using different transportation modes.				
Companies	Calcbench	App that processes all XBRL fillings and stores them in a structured, cloud based data universe. By means of computing techniques CalcBench identifies and corrects errors and increases comparability between companies	Sec.gov	SEC filing data	http://www.calcbench.com/	
Companies	HelloWallet	HelloWallet improves the performance of organizations by providing independent guidance that aligns corporate spending with human capital needs.	Survey of Income and Program Participation; Survey of Customer Finances; Consumer Expenditure Survey		http://www.hellowallet.com/	
Companies	Owler	Owler is a mobile and online resource that helps you follow, track, and research companies.	Sec.gov		http://www.owler.com/	
Companies	Opencorporates	Apps that shares data on corporate entities as open data under the share-alike attribution Open Database Licence.			https://opencorporates.com/	
Companies	Open product data	Portal for a multitude of data and data apps	Open Product data	Data on products or brands	http://www.product-open-data.com/	
Companies	SB Alert	An app that notifies the user when new small business contracts come out that could pertain to the users business		TED	http://ted.europa.eu/TED/main/HomePage.do	
Companies	iCitizen Labor Report	App that distributes informative findings from Department of Labor and OSHA.	US Department of Labor; OSHA			
Companies	CapitaList	The "Craigslist" for current and aspiring entrepreneurs to get all the information to start and establish a local business. This app offers access to licensing and permit information, financing options, business proposals, and federal grants and awards for the area.				
Health	UK Pharmacy	App that finds a pharmacy nearby in the UK	GPS data; UK Pharmacy location data			
Health	ARCHeS	ARCHeS is an online population simulation and real-time healthcare analytics platform. The use of the full application is a paying service.	National Health and Nutrition Examination Survey (NHANES); National Ambulatory Medical Care Survey (NAMCS); National Hospital Discharge Survey (NHDS); Compressed Mortality File (CMF): SynPUF dataset (CMS 2008-2010 Data Entrepreneurs' Synthetic Public Use File (DE-SynPUF)) of CMS.gov	All data on chance on sugar disease, heartattack etc; Diseases in general	http://archimedesmodel.com/arches	
Health	IndiGO	IndiGO is a patient activation and decision support tool. IndiGO calculates and displays the risk a patient has of adverse events - such as heart attacks, strokes, and onset of diabetes. IndiGO then suggests and prioritizes the medications and/or lifestyle interventions that have the greatest impact on reducing that risk.			https://archimedesmodel.com/indigo	
Health	Modeling and Consulting	Modeling & Consulting Services, to address specific modeling and analytics needs. "Archimedes has a world-class team of scientists and physicians who run custom simulations and build custom disease models to meet your needs. We simulate populations, interventions, disease areas, and/or disease management programs."			https://archimedesmodel.com/modeling- consulting-services	

Health	HD Scores	HDScores makes restaurant inspection data available in an easy to read, search and understand format.	Washington DC Health Department; Montgomery County Health Department; Virginia Health Department	Data from EU DG SANCO	http://hdscores.com/	
Health	HealthPocket	A free customer advocacy website that allows consumers to compare and rank health plans in their area.	Healthcare Finder API; Prescription Drug Plan Formulary, Pharmacy network, and Pricing Information Files		http://www.healthpocket.com/	
Health	nealuigrades	App that displays hospital quality, safety and patient experience, as well as risk adjusted ratings of mortality and complications in 37 major disease condition or procedure cohorts in addition to risk adjusted patient safety ratings in 13 major AHRQ PSI categories	CMS MEDPAR; 18 State ALL Payer Hospital Dataset		http://www.healthgrades.com/	
Health	Птіаде	Triage is a free mobile app and website that helps people make better health care decisions.	Community Health Clinics; National Ambulatory Medical Care Survey (NAMCS) and National Hospital Ambulatory Medical Care Survey (NHAMCS); Mental health and substance abuse clinics; Home Health Facilities; TXT4Tots; National Provider Identifier Standard	Statistical Bulletin 2013 - European Monitoring Centre for Drugs and Drug Addiction	https://www.itriagehealth.com/	
Health	Symcat	Symcat uses a broad array of medical data to allow users to intelligently check their symptoms against potential diagnoses and plan medical care if necessary.	National Ambulatory Medical Care Survey; Unified Medical Language System		http://www.symcat.com/	
Health	Pulse Point	App that connects those who know CPR with those in cardiac arrest nearby				
Health	Recalls.gov App	The Consumer Product Safety Commission, National Highway Traffic Safety Administration, Food and Drug Administration, and Department of Agriculture monitor the safety of thousands of products and issue hundreds of recall announcements each year of millions of products. These information in now available on an app.		Data from DG SANCO; Data from DG AGRI		
Geospatial	Where-can-I-live	Tool for people to find a house close to their work			http://www.where-can-i-live.com/londonproperty	
Geospatial	Azavea	Azavea is a company that develops data apps for both government and non- profit clients. They develop location-based web and mobile software as well as geospatial analysis services. They made the following apps: OpenTreeMap (US Department of Agriculture) - Open portal to identify the location of trees; - Watershed Modelling (Stroud Water Research Center); - ParcelExplorer (City of Philadephila) - web-based land parcel data search and mapping system; - Property Fraud tracking and mapping system (City of Philadelphia) - web-based tracking of reported cases of deed and mortgage fraud;	Local City Council Districts for 100+ Cities in North America, Western Europe and Oceania; State Legislative Districts for States in North America, Western Europe and Oceania; National Legislative Districts for States in North America, Western Europe and Oceania; American Community Survey (ACS); National Elevation Dataset (NED)	Data on maps, data on location of resources	http://www.azavea.com/services/web-and-mobile-application-development/	
Geospatial	Esri	Esri is the world leader in geographic information systems and has a long history of using open data.	Federal GPS and Geographic Data; Data from Census.gov		http://www.esri.com/	
Geospatial	МарВох	On MapBox.com you can sign up and create a map within minutes, then simply embed the map via copy / paste on the web or build complex applications for web or mobile with it.	Landsat data; Data from the US Department of Agriculture	Data from EC DG AGRI	https://www.mapbox.com/	
Geospatial	New Media Parents - Mom maps	Mom Maps helps you find kid friendly locations on the gol Search an extensive list of parks, playgrounds, restaurants, museums and indoor play areas.	Dataset from San Francisco government; City of Seattle Parks (Seattle City data)			
Geospatial		OpportunitySpace engages communities with open data to drive smart uses for public land. OpportunitySpace is SalesForce.com and CoStar for government property.	Louisville Metro Parcels; Louisville Sales Inventory data	Data on public space	http://info.opportunityspace.org/	
Geospatial	PolicyMap	PolicyMap is a web-based GIS and mapping company that captures and visualizes data including demographics, home sale statistics, health data, mortgage trends, school performance scores, labor data and crime statistics.	American Community Survey; Home Mortgage Disclosure Act; Local Area Unemployment Stats; Longitudinal Enmployer- Household Dynamics		http://www.policymap.com/	
Geospatial	Nostalgeo	An app which combines contemporary streetviews with old postcards and creates streetviews of the past			http://nostalgeo.com/	
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Geospatial	Scene near me	App that alerts the user when (s)he comes near a famous NYC film	New York City data		
1		scene			
Geospatial	World Geologic Maps	Geologic maps from around the world from the U.S. Geological Survey.  Interactive mapping application of transportation fuel infrastructure and	US Geological Survey		
Geospatial	TransAtlas	federal vehicle fleet locations.  Spatial analysis application that provides legal, physical, ecological and human			
Geospatial	Multipurpose Marine Cadastre	use data for the marine environment.			
Legislative	Voting calculator Council	Simulator of voting dynamics in the Council of the Euroepan Union		Data on council votes (currently available only in PDF as document)	http://www.consilium.europa.eu/council/voting- calculator?lang=en
Legislative	Parigov	infrastructure that systematically combines information on party pos	http://parlgov.org/stable/docu mentation/table.1.html		http://parlgov.org/stable/about.html
Legislative	Eurobarometer trends	data and documentation of the Mannheim Eurobarometer Trend File.	http://www.mzes.uni- mannheim.de/projekte/eurotren d/codebook.pdf	Eurobarometer	http://www.mzes.uni- mannheim.de/d7/en/pages/eurobarometer- trends
Legislative	Extration tool for EP voting records	Extration tool for EP voting records	http://api.epdb.eu/#doc	EP voting records	http://api.epdb.eu/
Legislative	Roll Call Votes	The data sets includes roll call data from the first to the fifth European Parliament (1979-2004). It shows the voting behaviour of Members of the European Parliament (MEPs) for each electronically registered vote. It also displays the aggregated voting behaviour of MEPs using nominate scores. The data set does also indicate to which party group and to which national party delegation each MEPs belongs at the beginning of each legislative term.  Simon Hix, Abdul Noury and Gerard Roland (2006) 'Dimensions of Politics in the European Parliament', American Journal of Political Science, 50(2) 494-511.	information about each MEP in the first 5 parliaments, including: the MEP's ID number; the MEP's member state, EP group, and national party affiliations; and the MEP's NOMINATE coordinates on two dimensions. (This file was updated on 26 July 2011).		http://personal.lse.ac.uk/HIX/HixNouryRolandEPdata.HTM
Legislative	Council Roll Call Votes I	The source for the data is the General Secretariat of the Council of the European Union (either yearly or monthly summaries). Please note that the 1994 data includes only "contested" decisions, i.e. decisions in which at least one Council member voted against the proposal or abstained from voting. Other files include all legislative decisions made by the Council.			http://www.mv.helsinki.fi/home/mmattila/council/
Legislative	Council Roll Call Votes II	Roll call votes for the Council, final decisions, 1995-2000			http://www.elprg.eu/data.htm
Legislative	EPRG MEP survey data	data from three surveys of the Members of the European Parliament (MEPs) by EPRG (in 2000, 2006, and 2010), as well as data from a survey of the MEPs in the 1989-94 Parliament by Shaun Bowler and David Farrell.  The data from these surveys are available here for academic research purposes only. Access to the datasets and the related files is password-protected. If you would like to access the flies please send an e-mail to Simon Hix (s.hix@lse.ac.uk) with a brief explanation of how you intend to use the data. These data can only be used for academic research purposes.	Bowler-Farrell dataset in MS Exce	MEP data >	http://www.lse.ac.uk/government/research/resgr oups/EPRG/MEPsurveyData.aspx http://www.lse.ac.uk/government/research/resgr oups/EPRG/internal/EPRG/Bowler- Farrell%20dataset.xls
Legislative	Roll Call Votes in the European Parliament			These files have the following format:  - the first row contains the names of the variables - the first column contains each MEP's ID number (MEPID) - the second column contains each MEP's name (MEPNAME) - the third column contains each MEP's name (MEPNAME) - the fourth column contains each MEP's national party (NP) - the fifth column contains each MEP's proup (EPG) - the sixth to the last column contain the "vote decision" of each MEP in each vote (V1,V2,,Vn, for n votes in each parliament)  (NOTE: The rows in these files are not in the order of the MEPs' ID numbers)  The codes for the member states, national parties, and EP groups are contained in the mep_info.xls file.  The codes for the MEP vote decisions are as follows: EP1 and EP2: 1=Yes, 2=No, 3=Abstain, 4=Present but did not vote, 0=Absent, 5=Not an MEP  EP3, EP4 and EP5: 1 = Yes, 2 = No, 3 = Abstain, 4 = Present but did not vote, 0 = either Absent or Not an MEP	http://voteworld.berkeley.edu/eurodata/HixNour yRolandEPdata.HTM