



Portal Version 4.3 - User Manual



V1.0
October 2019

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1 Introduction

1.1 Purpose of the Document

The main purpose of this document is to present a User Manual for the main user functionalities of the **Portal Version 4.3**, launched in production in May 2019. This document consists of an update of the User Manual for the Portal Version 3.0 published in November 2017[4].

1.2 Reference Documents

Id	Reference	Title	Version
[1]	EDP_S1_MAN	EDP_S1_MAN_Portal-Version1-UserManual_v1.0	1.0
[2]	EDP_S1_MAN	EDP_S1_MAN_Portal-Version1.3-UserManual_v1.2	1.3
[3]	EDP_S1_MAN	EDP_S1_MAN_Portal-Version2.0-UserManual_v1.0	2.0
[4]	EDP_S1_MAN	EDP_S1_MAN_Portal-Version3.0-UserManual_v1.0	3.0

Table 1-1: Reference Documents

1.3 Terminology

Acronym	Description
API	Application Programmer Interface
CKAN	(replaced by the “Data Platform”)
CSV	Comma separated values
Data Platform	Single page web app for managing and displaying datasets
DCAT-AP	DCAT Application Profile - Metadata specification based on the Data Catalogue vocabulary (DCAT)
DRUPAL	Content Management System
ECAS / EU-Login	EU user login page
EDP	European Data Portal
FME	Feature Manipulation Engine
GUI	Graphical User Interface
HTTP	Hypertext Transfer Protocol
JSON	JavaScript Object Notation (a lightweight data-interchange format)
maps.app	Geo-spatial data visualization application
MQA	Metadata Quality Assistant
RDF	Resource Description Framework
SOLR	Search engine used for portal content search and dataset search

Acronym	Description
SPARQL	Query language for linked data (RDF)
SSL	Secure Socket Layer
URL	Uniform Resource Locator
XML	Extensible Markup Language

Table 1-2: Abbreviations and Acronyms

2 Approach

The approach used for this User Manual was based on the identification of the main user functions of the Portal and the description of each function from the user's perspective in terms of "How to...".

Each main function documentation consists of a screen snapshot, the steps required to execute the function and optionally a screenshot with the results.

3 Main User Functions of the Portal

This section describes all of the main user functions supported by the Portal Version 3.0.

The table 1-3 below lists the described functions by module.

	Module Name	Function
1	Portal HomePage	<ul style="list-style-type: none"> - How to browse through the Editorial Content (how to access Resources on Open Data: eLearning modules, Training Companion, Reports about Open Data) - How to view / search for "Latest News" - How to view / search for "Open Data Events" - How to subscribe to the EDP Newsletter - How to view "Tweets" on the EDP - How to switch to another User Language
		- How to search for EDP Site Content
		- How to search for Datasets by Data Category
		- How to search for Datasets by Keyword
2	Datasets (Data Platform)	Entering the Datasets-View
		How to filter datasets by using "Faceted Search"
		How to store personal queries
		How to filter datasets by geographical area
		How to download dataset distributions
		How to view licensing information
		How to switch to another user language
		How to browse by data catalogues
3	Visualization of Geo-Spatial Data (map.apps)	How to visualize geo-spatial data from a dataset resource
4	Graphical Data Visualisation Tool	How to visualize graphical data from a dataset resource
5	Help Desk	How to contact The Portal's Help Desk
6	Metadata Quality Assurance (MQA)	Monitoring tool for the metadata quality: <ul style="list-style-type: none"> - The Global Dashboard View - The Catalogue details view
7	SPARQL Manager	How to run SPARQL Queries using: <ul style="list-style-type: none"> - SPARQL Search

	Module Name	Function
		<ul style="list-style-type: none">- SPARQL Assistant- SPARQL Saving/Modifying a Query- SPARQL Queries

Table 1-3: Main functions of the Portal Version 3.0

3.1 Portal Home Page

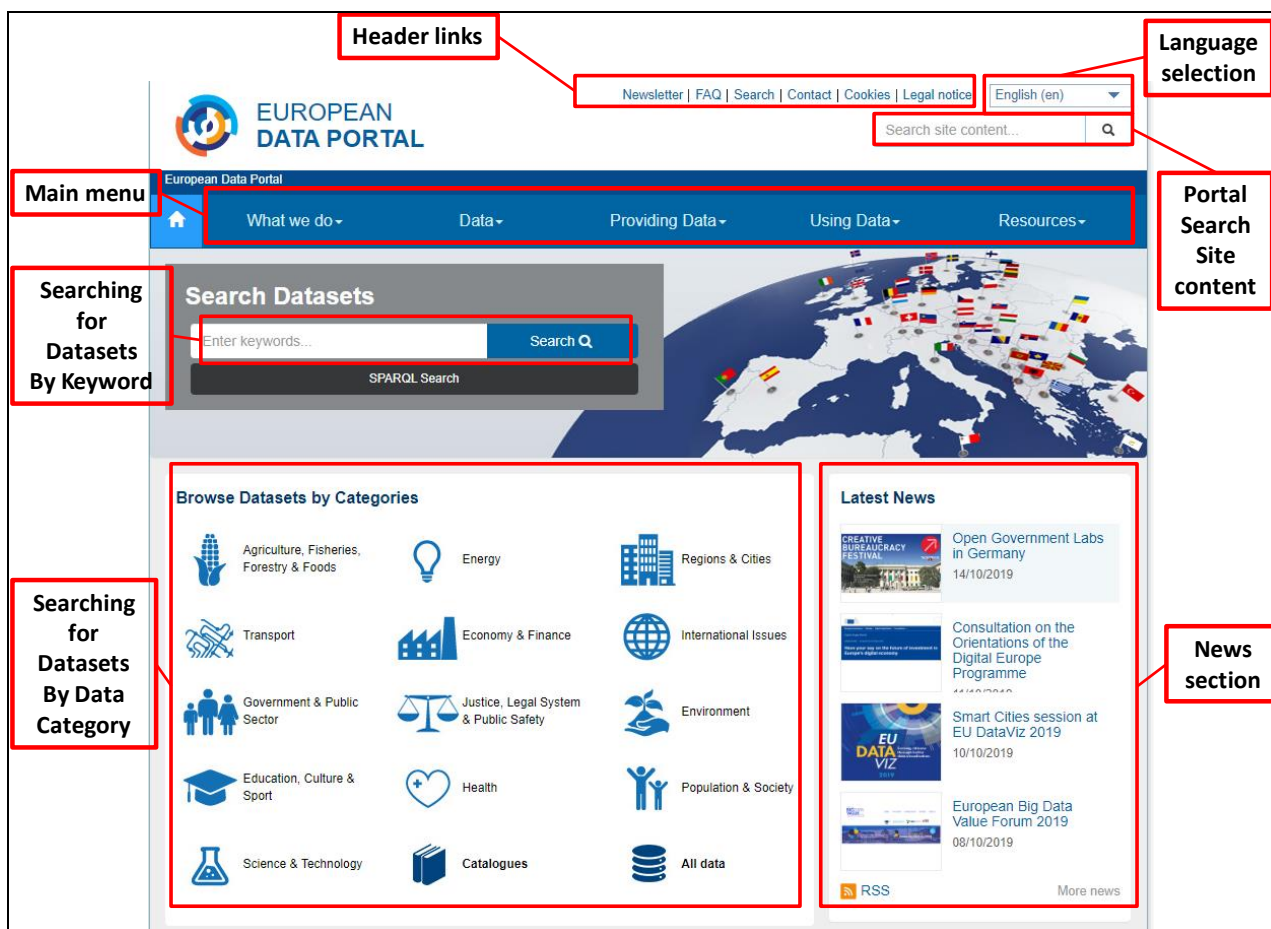


Figure 1: EDP Home Page (upper part)

The screenshot shows the lower part of the EDP Home Page. It features several sections highlighted by red boxes and labels:

- Landscaping section:** A bar chart titled "Open Data in Europe" showing EU28 Open Data Maturity Scores for Policy (82%), Portals (63%), Impact (50%), and Quality (62%).
- Event Calendar section:** A list of events including "European Big Data Value Forum" (14-16 Oct), "Predictive Analytics World (PAW) for Business" (16-17 Oct), "Inspire Helsinki" (22-24 Oct), and "EU DataViz (Euro)" (12 Nov).
- Featured Articles section:** A grid of featured articles, including "Asedie is celebrating its 20th anniversary" and "Open water data on the European Data Portal".
- EDP Tweets section:** A section titled "Tweets by @EU_DataPortal" showing a tweet about the 5 principles to stimulate innovation through #opendata.
- Newsletter section:** A "Newsletter" sign-up form with the text "Stay informed on our latest news!" and a "Subscribe" button.
- Social Media links:** A "Follow us on" section with icons for Facebook, Twitter, and LinkedIn.
- EDP Help Desk:** A "Help us improve" section with the text "Your feedback will help us to improve the overall user experience. Any suggestions?"
- Footer links:** A footer bar containing links for "Newsletter", "FAQ", "Search", "Contact", "Cookies", and "Legal notices".

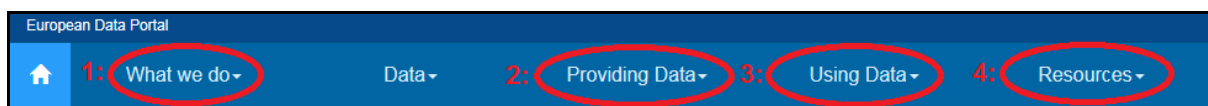
Other visible elements include the "Funded by the European Union" logo and the text "Last update: 14/10/2019 | Version: 4.3".

Figure 2: EDP Home Page (lower part)

3.1.1 How to browse through the Editorial Content of the Portal

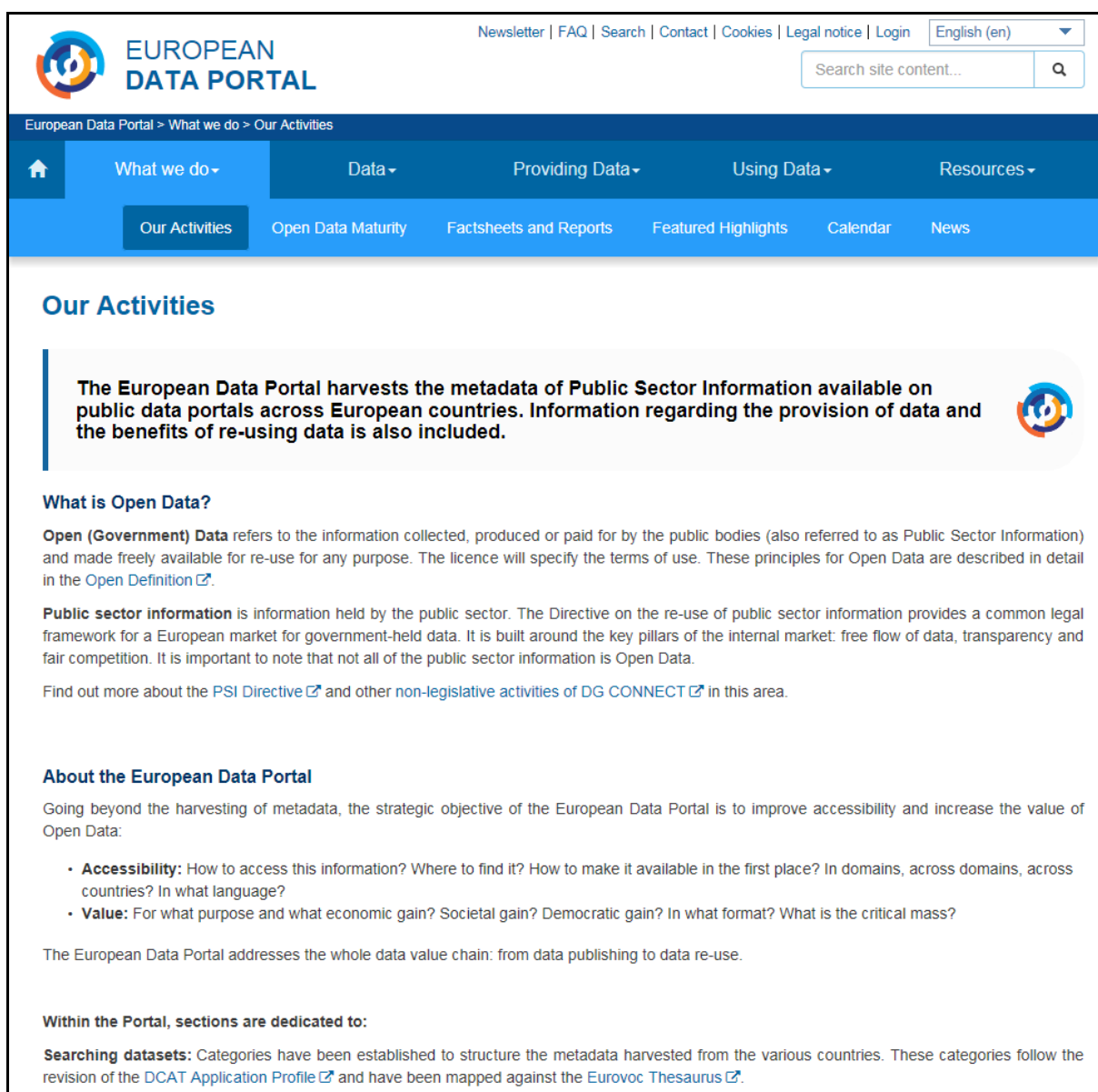
The editorial content of the Portal is organized into 4 main menu items:

1. What we do
2. Providing Data
3. Using Data
4. Resources



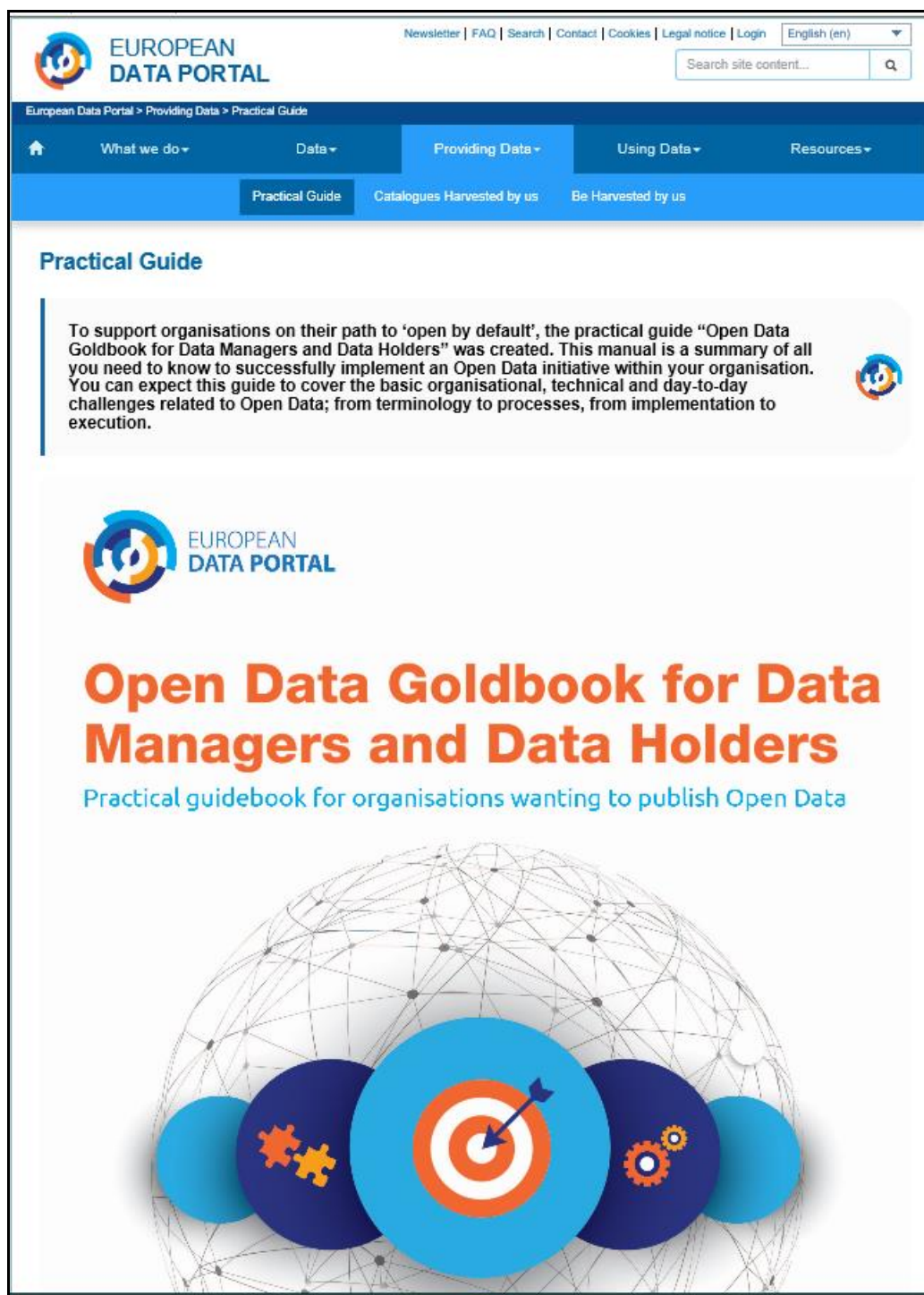
1. Click on “What we do”, then on sub-menu “Our Activities”

The system displays a separate page with information on what is done in the Portal.



2. Click on “Providing Data”, then on sub-menu “Practical Guide”

System displays a separate page with information on how to provide data to the Portal. This page mainly addresses the **suppliers** (harvested portals) of the data and metadata.



3. Click on “Using Data”

The system displays a separate page with information on how the Portal data/metadata can be (re-)used. This page mainly addresses the **users** of the data and metadata.

3a. Benefits of Using Open Data

By clicking on the sub-menu “Benefits of Using Data”, the system displays a page with potential benefits from the (re-)usage of Open Data.

European Data Portal > Using Data > Benefits of Open Data

Newsletter | FAQ | Search | Contact | Cookies | Legal notice | Login English (en)

Search site content...

Home What we do Data Providing Data **Using Data** Resources

Benefits of Using Data Checklist for Using Data Use Cases Tell us your story

Benefits of Open Data

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

Performance can be enhanced by Open Data and contribute to improving the efficiency of public services. Greater efficiency in processes and delivery of public services can be achieved thanks to cross-sector sharing of data, which can for example provide an overview of unnecessary spending.

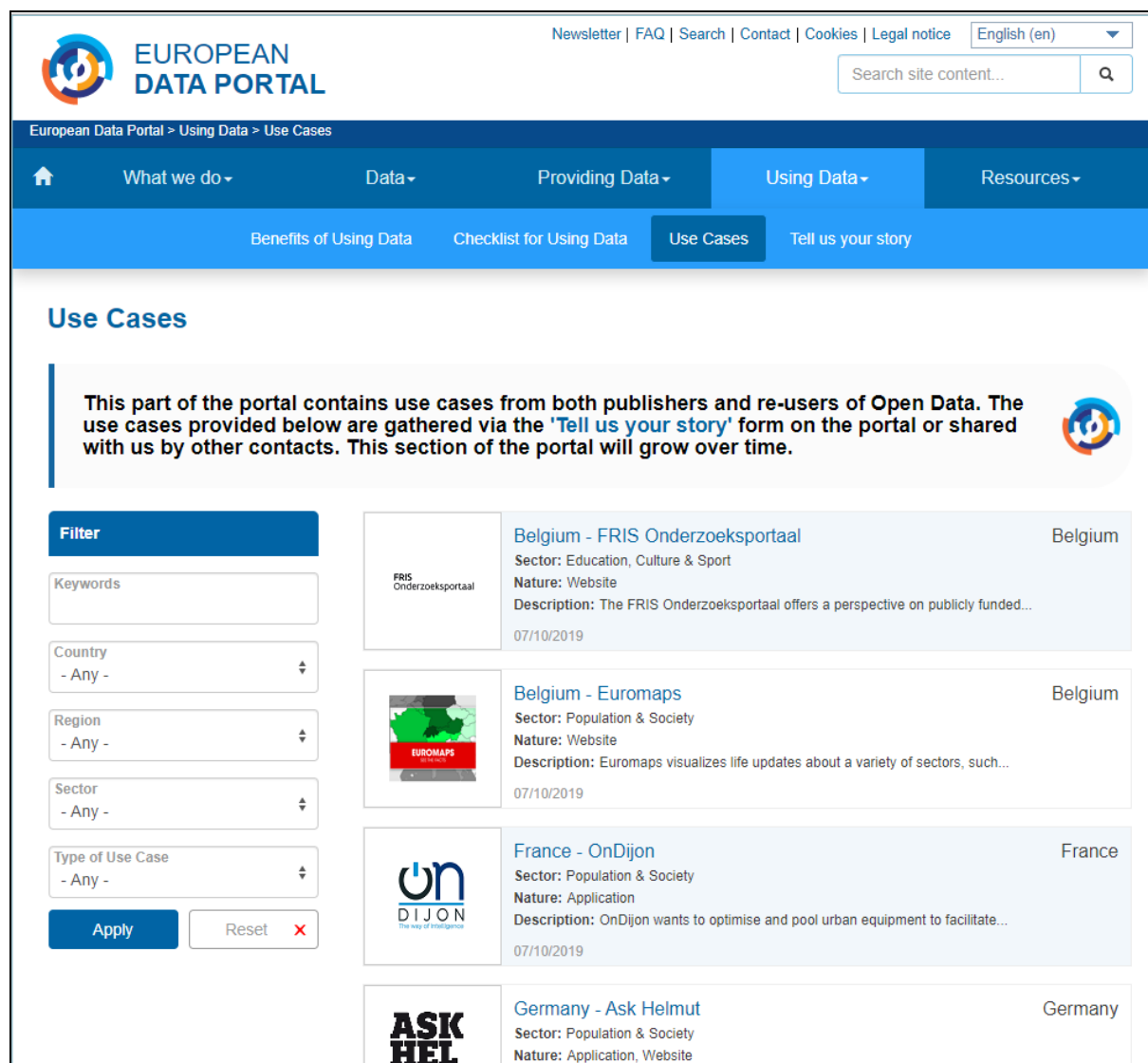
The economy can benefit from an easier access to information, content and knowledge in turn contributing to the development of innovative services and the creation of new business models.

Social welfare can be improved as society benefits from information that is more transparent and accessible. Open Data enhances collaboration, participation and social innovation.

3.b Use Cases of Open Data

By clicking on the sub-menu “Use Cases”, the system displays a list of success stories (use cases) from users having successfully (re-)used Open Data for an app, website, etc.

The list can be filtered by keyword, country of origin, region, sector (data category) and type of use case.



EUROPEAN DATA PORTAL

Newsletter | FAQ | Search | Contact | Cookies | Legal notice | English (en)

Search site content...

European Data Portal > Using Data > Use Cases

Home | What we do | Data | Providing Data | **Using Data** | Resources

Benefits of Using Data | Checklist for Using Data | **Use Cases** | Tell us your story

Use Cases

This part of the portal contains use cases from both publishers and re-users of Open Data. The use cases provided below are gathered via the 'Tell us your story' form on the portal or shared with us by other contacts. This section of the portal will grow over time.

Filter

Keywords


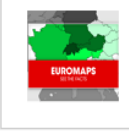


Country
- Any -

Region
- Any -

Sector
- Any -

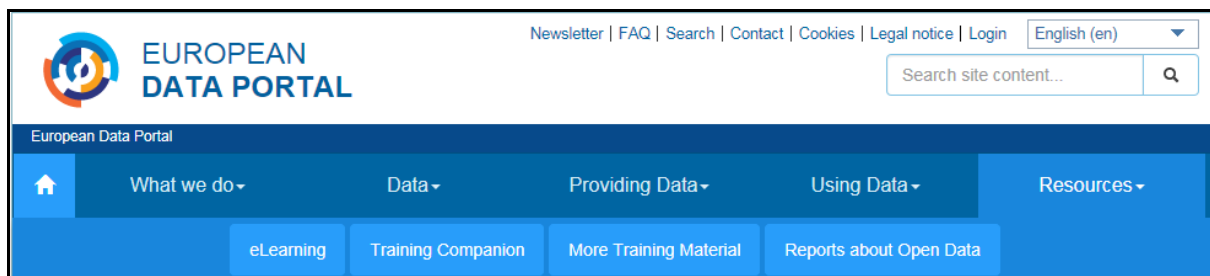
Type of Use Case
- Any -

Apply Reset


	Belgium - FRIS Onderzoeksporaal Sector: Education, Culture & Sport Nature: Website Description: The FRIS Onderzoeksporaal offers a perspective on publicly funded... 07/10/2019	Belgium
	Belgium - Euromaps Sector: Population & Society Nature: Website Description: Euromaps visualizes life updates about a variety of sectors, such... 07/10/2019	Belgium
	France - OnDijon Sector: Population & Society Nature: Application Description: OnDijon wants to optimise and pool urban equipment to facilitate... 07/10/2019	France
	Germany - Ask Helmut Sector: Population & Society Nature: Application, Website	Germany

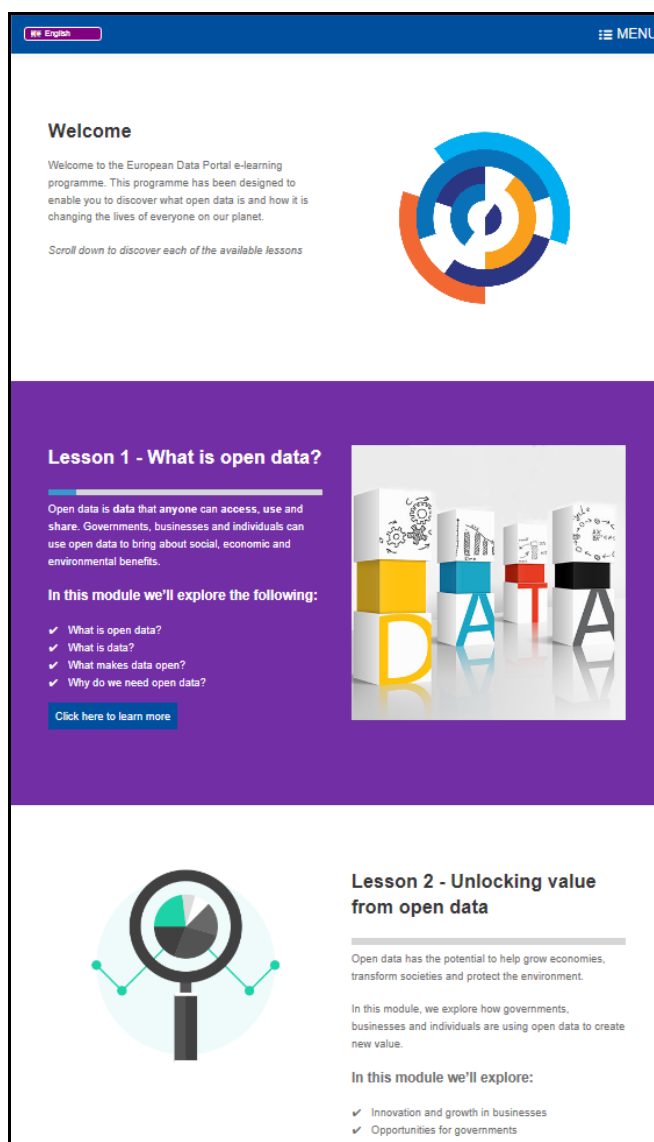
4. Click on “Resources”

System displays several sub-menu items that lead to eLearning and training material as well as to a library of downloadable reports and documents about Open Data.



4a. eLearning

By clicking on the “eLearning” sub-menu item and then on the button  **Read more** on the subsequent page, the system switches to the training platform from which 16 training lessons can be directly taken online.



4b. Training Companion

By clicking on the “**Training Companion**” sub-menu item, the system provides detailed information on how to deliver training on the basics of Open Data as well as the corresponding supporting materials.

EUROPEAN DATA PORTAL

Newsletter | FAQ | Search | Contact | Cookies | Legal notice | English (en)

Search site content...

European Data Portal > Resources > Training Companion

Home What we do Data Providing Data Using Data Resources

eLearning **Training Companion** More Training Material Reports about Open Data

Training Companion

Welcome to the European Data Portal training companion. This collection helps you deliver training on the basics of Open Data and provides you with supporting materials to suit your needs.

Below you will find a list of 16 short training sessions (1-3 hours) designed for anyone to discover more about Open Data. The sessions correspond to the 16 eLearning modules designed by the EDP.

Each session covers a different aspect of Open Data training. The sessions suit all levels from a complete newcomer to an expert.

Using our training materials

The European Data Portal offers no endorsement for your use of the training materials contained herein. Any use of the materials is at the discretion of the individual trainer and should not be represented as the views or position of the European Commission, the European Data Portal or the partner institutions involved in the creation of the portal.

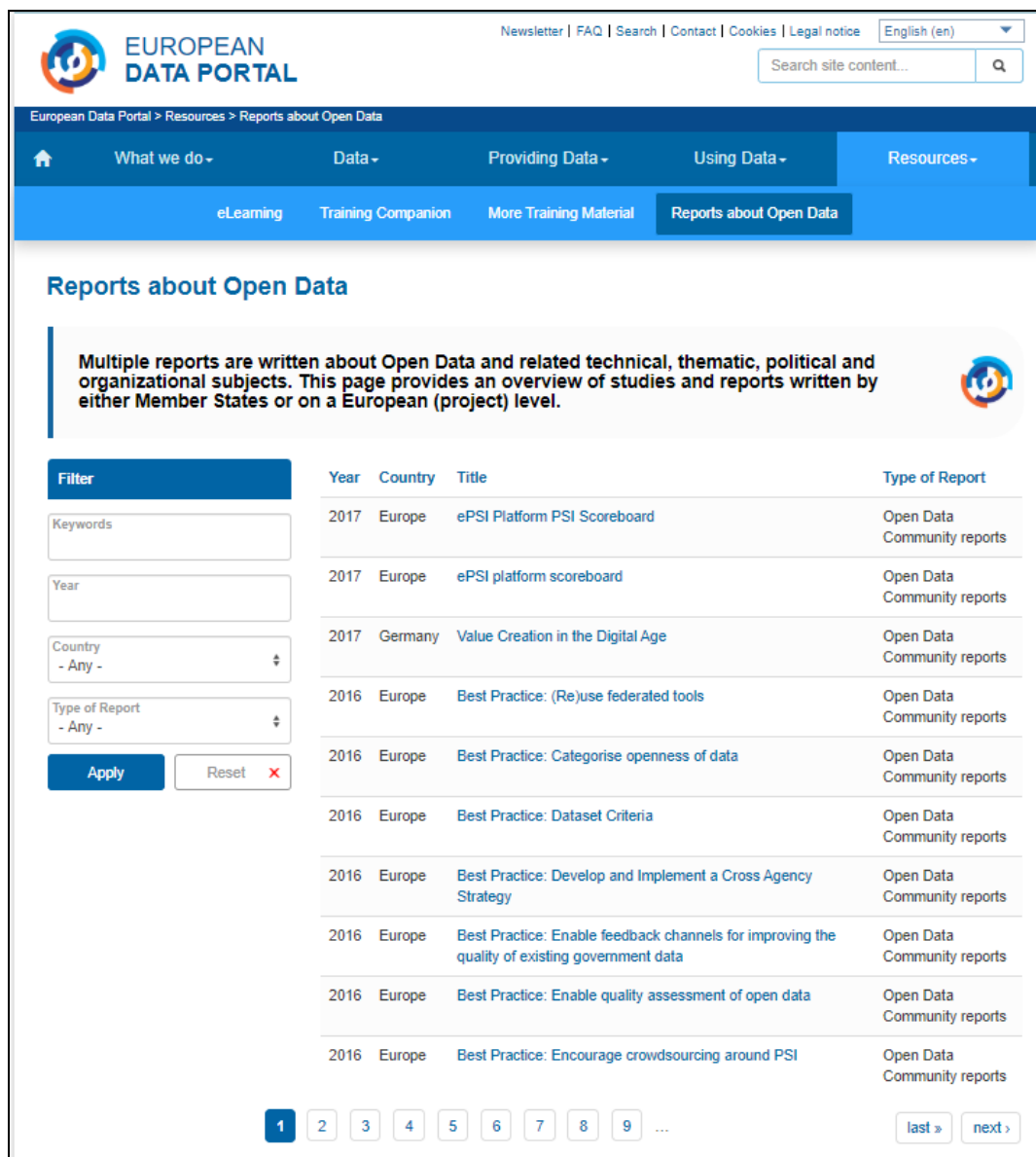
Licence

All materials are made available under a Creative Commons Share-Alike Attribution Licence (CC-BY-SA). The appropriate acknowledgements should be placed in your presentation and a link made available to any slideshare or other account where materials are made available through email.

What is Open Data?	Unlocking value from Open Data	Open Data as an agent of change	Open Data licensing	Making data usable
Measuring success in Open Data initiatives	Open Data sustainability	Open Data platforms	Open Data formats	When & How to use the 3 Stars of Open Data
Cleaning Open Data	Unlocking hidden data from the web	Introduction to linked data	Open data advocacy	Managing change in open data
Achieving impact with open data				

4c. Reports about Open Data

By clicking on the “**Reports about Open Data**” sub-menu item, the system provides a list of available reports on open data. The list can be filtered by keyword, year of publication, country of origin and type of report.



European Data Portal > Resources > Reports about Open Data

What we do - Data - Providing Data - Using Data - Resources -

eLearning Training Companion More Training Material **Reports about Open Data**

Reports about Open Data

Multiple reports are written about Open Data and related technical, thematic, political and organizational subjects. This page provides an overview of studies and reports written by either Member States or on a European (project) level.

Filter

Keywords

Year

Country

Type of Report

Apply **Reset**

Year	Country	Title	Type of Report
2017	Europe	ePSI Platform PSI Scoreboard	Open Data Community reports
2017	Europe	ePSI platform scoreboard	Open Data Community reports
2017	Germany	Value Creation in the Digital Age	Open Data Community reports
2016	Europe	Best Practice: (Re)use federated tools	Open Data Community reports
2016	Europe	Best Practice: Categorise openness of data	Open Data Community reports
2016	Europe	Best Practice: Dataset Criteria	Open Data Community reports
2016	Europe	Best Practice: Develop and Implement a Cross Agency Strategy	Open Data Community reports
2016	Europe	Best Practice: Enable feedback channels for improving the quality of existing government data	Open Data Community reports
2016	Europe	Best Practice: Enable quality assessment of open data	Open Data Community reports
2016	Europe	Best Practice: Encourage crowdsourcing around PSI	Open Data Community reports

1 2 3 4 5 6 7 8 9 ... **last** **next**

3.1.2 How to view / search for “Latest News”

The Home Page displays the latest 4 news items in the “Latest News” panel on the left hand side.

- Click on any of the 4 news items to display the complete news article (here: item#1).
- Or click on “More news” in order to find previously published news articles in the news archive.

The screenshot displays the European Data Portal website. At the top, there is a navigation bar with links for Newsletter, FAQ, Search, Contact, Cookies, and Legal notice, along with a language selector set to English (en). A search bar is also present. Below the navigation bar, a blue banner contains the main menu items: What we do, Data, Providing Data, Using Data, and Resources. Underneath this, a secondary bar lists specific topics: Our Activities, Open Data Maturity, Factsheets and Reports, Featured Highlights, Calendar, and News. The main content area is divided into two sections. The 'News archive' section on the left features an RSS feed icon and a list of news items with thumbnails and titles: 'Open Government Labs in Germany', 'Consultation on the Orientations of the Digital Europe Programme', 'Smart Cities session at EU DataViz 2019', and 'European Big Data Value Forum 2019'. The 'Latest News' section on the right shows a similar list of four items. At the bottom of the 'Latest News' section, there is an RSS icon and a 'More news' link, which is circled in red.

3.1.3 How to view / search for “Open Data Events”

The Home Page displays the latest 4 Open Data events in the “Open Data Events in Europe” panel on the right hand side.

- Click on any of the 4 events to display the event article (here: item#1).
- Or click on “View calendar” in order to find current and future events on the events calendar.

EUROPEAN DATA PORTAL

Newsletter | FAQ | Search | Contact | Cookies | Legal notice | English (en)

Search site content...

European Data Portal > What we do > Open Data Events in Europe

What we do - Data - Providing Data - Using Data - Resources -

Our Activities Open Data Maturity Factsheets and Reports Featured Highlights **Calendar** News

Open Data Events in Europe

Many events related directly or indirectly to Open Data take place across Europe and globally. Go through the calendar and see whether you would like to participate in any of these events yourself.

October 2019

Mon	Tue	Wed	Thu	Fri
30	1	2 World Data Summit 2019 Barcelona, Spain	3	4
7 European Week of Regions and Cities Brussels, Belgium	8	9	10	11
14 European Big Data Value Forum Helsinki, Finland	15	16 Predictive Analytics World (PAW) for Business London, UK	17	18
21	22 Inspire Helsinki Helsinki, Finland	23	24	25
28	29	30	31	1
				2
				3

Do you know of an event related to Open Data or where Open Data aspects will be discussed?
Please contact us and send the name of the event, the location and its URL. Thank you.

Open Data Events in Europe

Mon, 14 October to Wed, 16 October
European Big Data Value Forum
Helsinki, Finland

Wed, 16 October to Thu, 17 October
Predictive Analytics World (PAW) for Business
London, UK

Tue, 22 October to Thu, 24 October
Inspire Helsinki
Helsinki, Finland

Tue, 12 November
EU DataViz (Euro)
Luxembourg

[View calendar](#)

3.1.4 How to subscribe to the EDP Newsletter

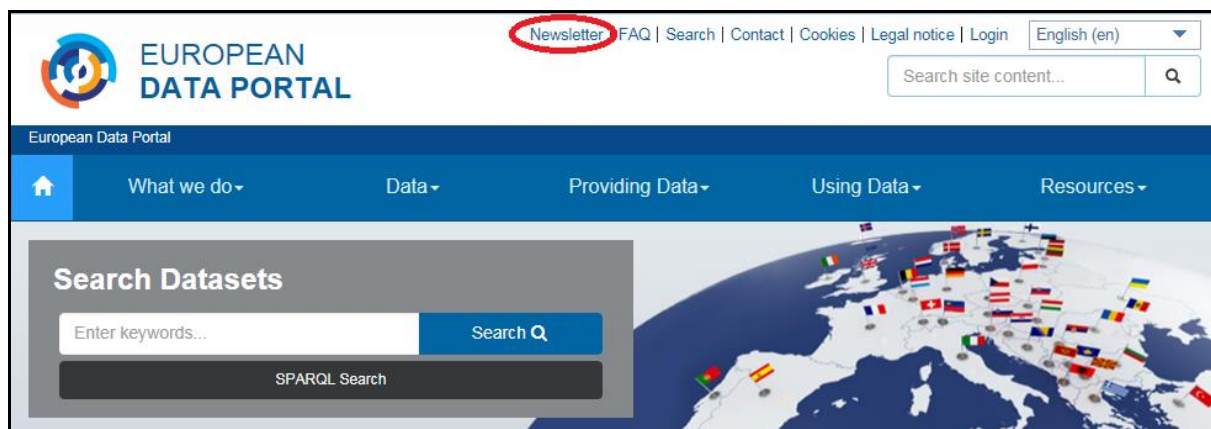
On the Portal Home Page:

- **Either Click on the “Newsletter” item in the page header:**

Then, on the “Newsletter subscriptions” page:

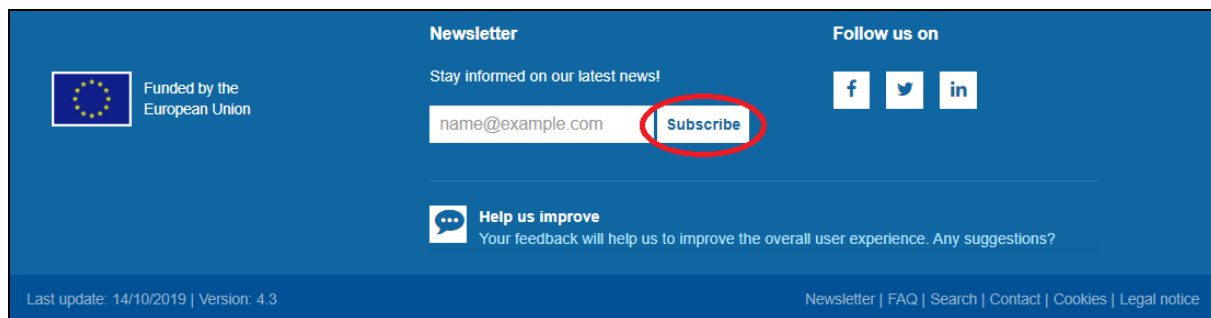
- **Enter your E-Mail address**
- **Click on the button “Subscribe”**

The system will display a notification message after successful subscription.



Or

- **Enter your email address directly in the footer and click on the “Subscribe” button.**



The system will display a notification message after successful subscription.

3.1.5 How to view “Tweets” on the EDP

The Home Page displays the latest tweets on the European Data Portal in the “Tweets” panel on the right hand side.

- Click on any of the tweets to display the complete tweet on twitter.
- Scroll vertically to see previous tweets.



3.1.6 How to switch to another User Language



Select another language from the language selection box located on the upper right corner of the home page.

The User Interface as well as the main editorial content is displayed in the selected language.

The EDP currently supports all 24 official EU languages + Norwegian:


English (en), Bulgarian (bg), Spanish (es), Czech (cs), Danish (da), German (de), Estonian (et), Greek (el), French (fr), Irish (ga), Croatian (hr), Italian (it), Latvian (lv), Lithuanian (lt), Hungarian (hu), Maltese (mt), Dutch (nl), Polish (pl), Portuguese (pt), Romanian (ro), Slovak (sk), Slovenian (sl), Finnish (fi), Swedish (sv), Norwegian (no).

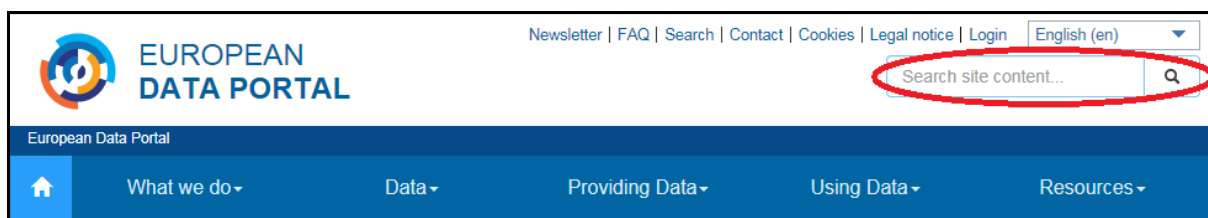
Note:

The following detailed editorial content – apart from the landing pages - is only available in English / French and some additional languages:

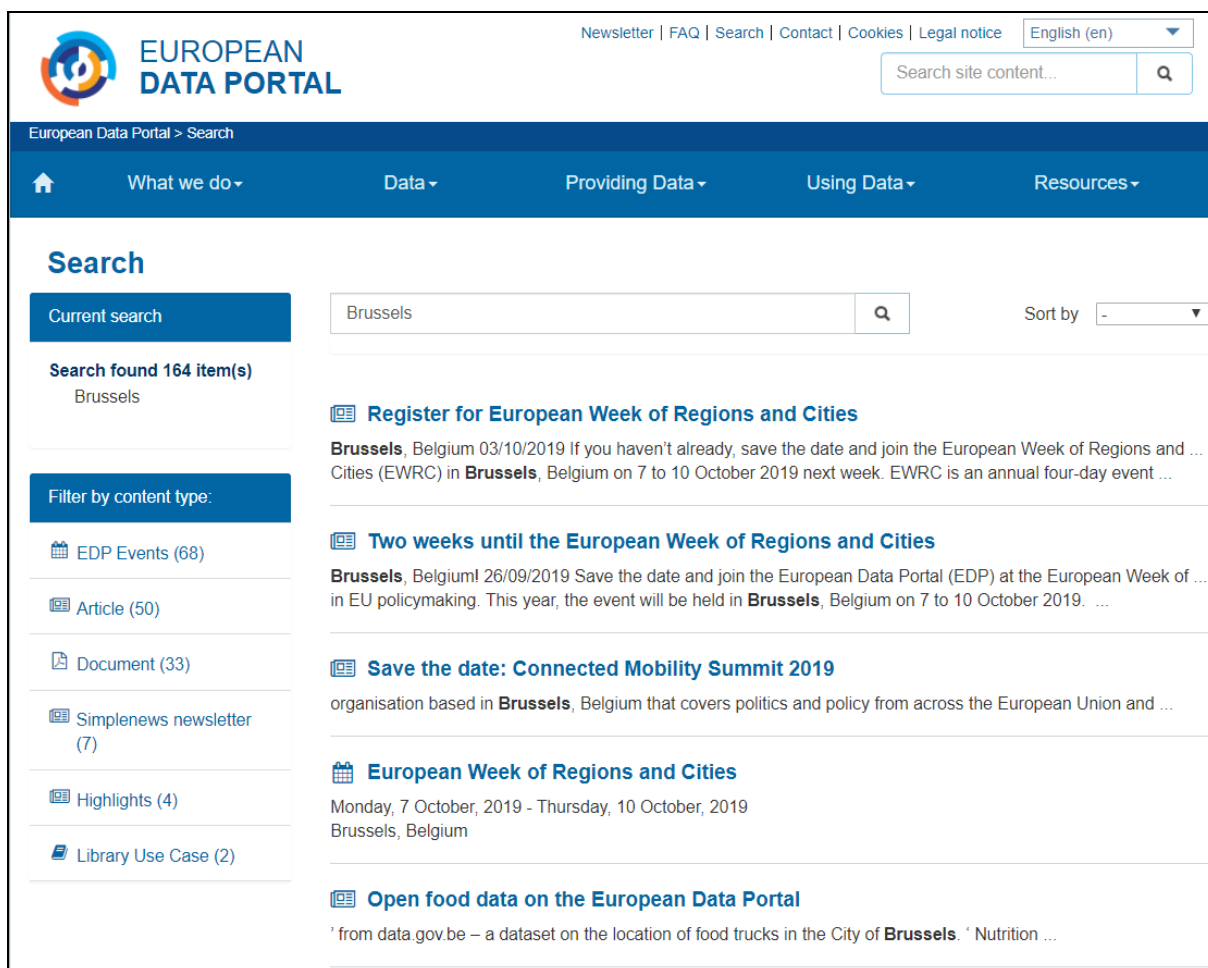
- Practical Guide (formerly “Goldbook”): (en)
- eLearning Modules: (en, fr, de, it, es, sv)
- Training Companion: (en)
- More Training Material: (en)
- Reports about Open Data: (en)
- Use Cases (en)

3.1.7 How to search for EDP Site Content

In order to search within the Portal's site content (i.e. editorial content, articles, events, reports etc.), enter any keyword in the "Search site content" text box and click on the  button.



The site will display all matching content found (here for keyword "Brussels"):



Note:

The "Search site content" does **not** perform any search on datasets.

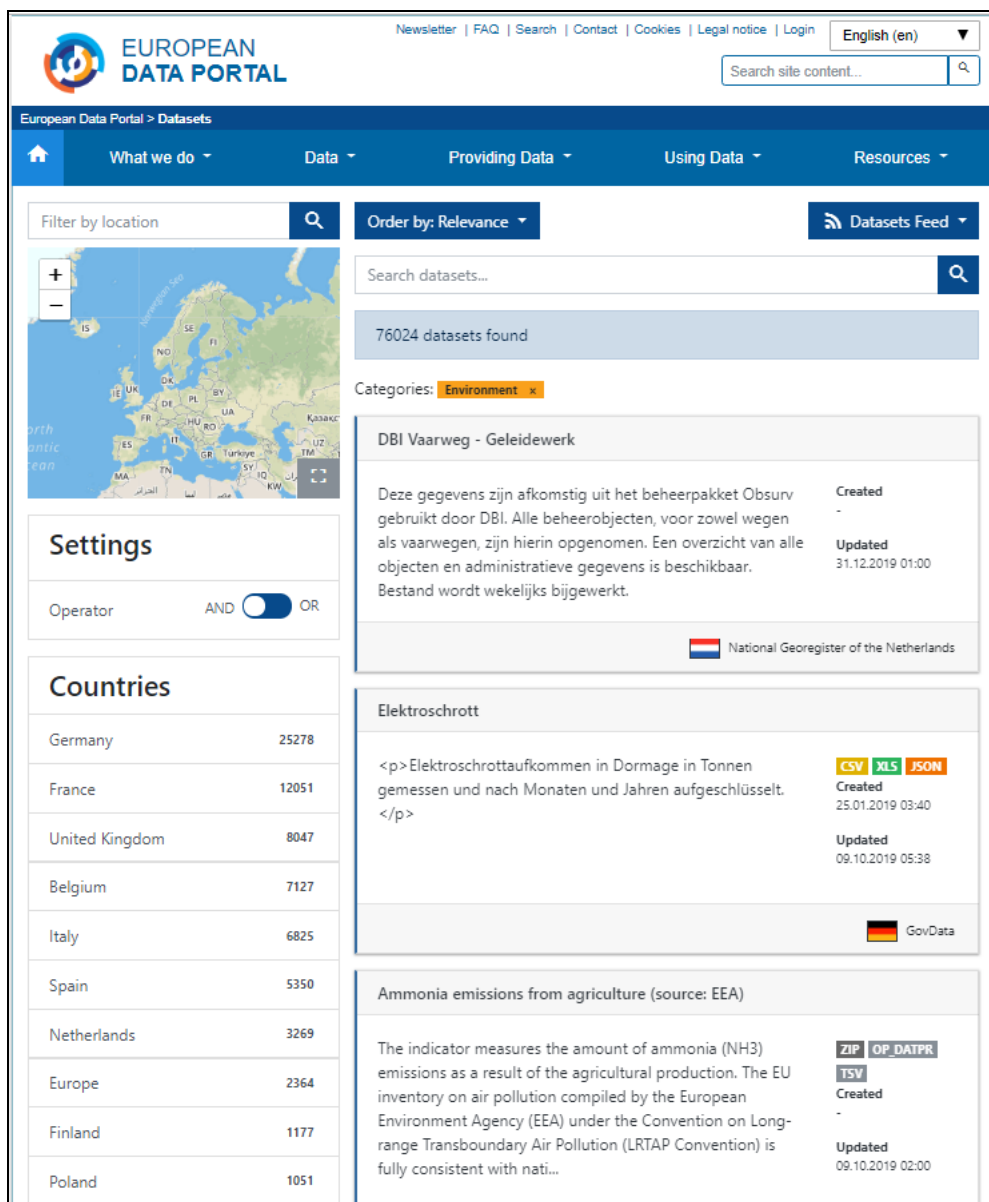
In order to search for datasets from the EDP Home page, the user should refer to section 3.2.

3.1.8 How to Search for Datasets by Data Category

On the Home Page, the user may click on any of the data categories below: icon or on icon text (here: “**Environment**”)



The system displays all datasets found under the selected data category, as shown below (here: for dataset category “**Environment**”).



European Data Portal > Datasets

Filter by location Order by: Relevance Datasets Feed

Search datasets...

76024 datasets found

Categories: Environment

Settings

Operator AND ☒ OR


Countries

Germany	25278
France	12051
United Kingdom	8047
Belgium	7127
Italy	6825
Spain	5350
Netherlands	3269
Europe	2364
Finland	1177
Poland	1051

DBI Vaarweg - Geleidewerk

Deze gegevens zijn afkomstig uit het beheerpakket Obsurv gebruikt door DBI. Alle beheerobjecten, voor zowel wegen als vaarwegen, zijn hierin opgenomen. Een overzicht van alle objecten en administratieve gegevens is beschikbaar. Bestand wordt wekelijks bijgewerkt.


Created - Updated 31.12.2019 01:00

 National Georegister of the Netherlands

Elektroschrott

<p>Elektroschrottaufkommen in Dormage in Tonnen gemessen und nach Monaten und Jahren aufgeschlüsselt.</p>


CSV XLS JSON Created 25.01.2019 03:40 Updated 09.10.2019 05:38

 GovData

Ammonia emissions from agriculture (source: EEA)

The indicator measures the amount of ammonia (NH3) emissions as a result of the agricultural production. The EU inventory on air pollution compiled by the European Environment Agency (EEA) under the Convention on Long-range Transboundary Air Pollution (LRTAP Convention) is fully consistent with nati...

ZIP OP_DATPR TSV Created - Updated 09.10.2019 02:00

By clicking on the “All data” icon , the system starts displaying all datasets across all data categories from the entire repository.

The user can scroll through the datasets found by using the pagination at the bottom of the page.


COM_REUSE	1628
20130319	645
GOD.htm	585
4.0	265
http://creativecommons.org/pu...	199
cc-by	117

▼

Feinstaub (PM10) Lübeck, Moislinger Allee Tagesmittel 2017

Um die Gesundheit der Menschen und die Vegetation vor den Einflüssen zu hoher Luftschadstoffbelastungen zu schützen, wird die Luftqualität laufend untersucht und nach gesetzlichen Vorschriften beurteilt. Dafür betreibt das Landesamt für Landwirtschaft, Umwelt und ländliche Räume (LLUR) in Schleswig...


CSV
Created 02.10.2019 02:00
Updated 02.10.2019 02:00

 GovData

Feinstaub (PM10) Lübeck, St. Jürgen Tagesmittel 2018

Um die Gesundheit der Menschen und die Vegetation vor den Einflüssen zu hoher Luftschadstoffbelastungen zu schützen, wird die Luftqualität laufend untersucht und nach gesetzlichen Vorschriften beurteilt. Dafür betreibt das Landesamt für Landwirtschaft, Umwelt und ländliche Räume (LLUR) in Schleswig...


CSV
Created 02.10.2019 02:00
Updated 02.10.2019 02:00


 GovData

Ozon Altendeich 1-Stunden Mittelwert 2018

Um die Gesundheit der Menschen und die Vegetation vor den Einflüssen zu hoher Luftschadstoffbelastungen zu schützen, wird die Luftqualität laufend untersucht und nach gesetzlichen Vorschriften beurteilt. Dafür betreibt das Landesamt für Landwirtschaft, Umwelt und ländliche Räume (LLUR) in Schleswig...

CSV
Created 02.10.2019 02:00
Updated 02.10.2019 02:00

 GovData



< 1 2 3 ... 5069 >

3.1.9 How to Search for Datasets by Keyword

(please refer to section 3.2.1)

3.2 Datasets (Data Platform)

The **datasets** section is the main access point for browsing, filtering and searching the datasets. It offers a faceted search, a full text search and a geographical search. The dataset view provides access and information to the distributions of the dataset.

The home page of this section appears like this:

European Data Portal > Datasets

Filter by location

Order by: Relevance

Datasets Feed

Search datasets...

941493 datasets found

Zonnewijzer - Parkeerplaatsen geschikt voor zonnedak

Gegevens worden gebruikt voor de Zonnewijzeratlas, voor het inschatting van het aantal panelen dat geplaatst kan worden op daken en eventuele andere lokaties. Tevens voor de inschatting van de verwachte opbrengst in energie.

Created: -
Updated: 10.10.2107 02:00

National Georegister of the Netherlands

Zonering vliegvelden (ontwerp-OGV 2014) (historie)

Door Gedeputeerde Staten op 22 januari 2014 vastgestelde ontwerpversie van Zonering vliegvelden

Created: -
Updated: 31.12.2099 01:00

National Georegister of the Netherlands

Occupation du sol : 2003, 2012 et 2015 sur le territoire du Grand Narbonne

Communauté d'Agglomération et du Parc naturel régional de la Narbonnaise en Méditerranée

Trois millésimes représentants l'occupation du sol en 2003, 2012 et 2015. Les données concernent l'emprise du Grand Narbonne Communauté d'Agglomération et du Parc naturel régional de la narbonnaise en Méditerranée (ainsi que l'amont du bassin versant de la Berre). La source doit impérativement être...

UNKNOWN
Created: 03.10.2018 02:00
Updated: 01.06.2020 02:00

Geocatalogue France

Settings

Operator AND OR

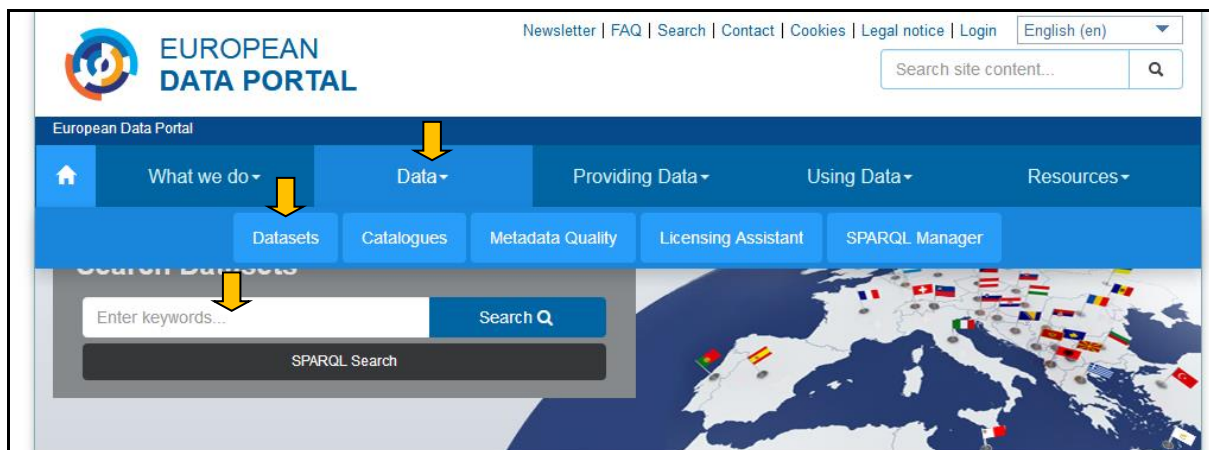
Countries

Czechia	295493
Germany	175013
France	131145
Italy	59751
United Kingdom	55332
Spain	46002
Poland	32074
Austria	26746
Netherlands	22161
Ukraine	18191

3.2.1 Entering the Datasets-View

The user has the following possibilities to enter the datasets view:

- Browsing directly to <http://europeandataportal.eu/data>
- Opening the “Data” item in the main menu, then clicking on “Datasets” in the submenu
- Clicking on “Search” in the “Search Datasets” area, with or without a search keyword entered



3.2.2 How to filter datasets by using “Faceted Search”

The user can find suitable datasets by performing a “Faceted Search”. This means the user systematically adds properties, which the desired dataset should fulfill, e.g. a dataset should be part of a specific catalogue or category. The following properties are available:

- Countries,
- Catalogues,
- Categories,
- Tags,
- Formats,
- Licences.

Those facets are presented on the left side of the main dataset page. The available options for each facet always reflect the availability of it in the current set of results. The numbers in brackets indicate how many datasets in total have that property e.g. there are 117,610 datasets with a distribution in CSV format.

Formats	
CSV	117610
JSON	25451
html	14713
XML	12744
XLS	11687
XLSX	6019
GeoJSON	5996

By clicking on a facet the result set is filtered by the selected property. Multiple selections are linked together by a logical “AND” or “OR”.

Settings

Operator

AND
☒
OR

The following example will find datasets which are from catalogue “data.gov.uk” **AND** are in the categories “Environment” **AND** have a distribution in the formats (“CSV” or “JSON”).

Facets can be selected and deselected. In addition a key word can be entered to filter the results even more.

The screenshot shows the European Data Portal interface. At the top, there's a navigation bar with links like Newsletter, FAQ, Search, Contact, Cookies, Legal notice, and Login. A search bar is also present. Below the navigation bar, the main content area is titled 'European Data Portal > Datasets'. On the left, there's a sidebar with filters: 'Filter by location' (showing a world map), 'Settings' (Operator: AND/OR), 'Countries' (United Kingdom: 46), 'Catalogues' (data.gov.uk: 46), 'Categories' (Environment: 46), and 'Formats' (CSV: 46, JSON: 46, HTML: 35). The main search area shows 'Order by: Relevance' and a search bar. Below the search bar, it says '46 datasets found'. The results are filtered by Catalogues: data.gov.uk, Categories: Environment, and Formats: CSV, JSON. The first result is 'Animals frozen, including type and quantity' from data.gov.uk, with formats XML, CSV, HTML, JSON, and a 'Created' field. The second result is 'Land_Use_Information' from data.gov.uk, with formats KMZ, CSV, JSON, SHP, UNKNOWN, KML, HTML, and a 'Created' field. The third result is 'OSNI Open Data 10k Grid' from data.gov.uk, with formats HTML, CSV, and a 'Created' field.

3.2.3 How to store personal queries

As a **logged-in user** it is possible to store queries. This includes the search term and selected facets. The option is available by clicking on “Save Query” on the datasets view.

The screenshot shows the 'Datasets Feed' interface. On the left, there is a 'Filter by location' section with a search bar and a map. Below the map, a list of countries is shown: Czech Republic (209386), Germany (206972) (selected), and France (48787). The main content area displays the search results for 'water', showing '12,182 datasets found for "water"'. The 'Order by' dropdown is set to 'Last Modified'. A specific dataset is highlighted: 'Dtk25-v HANERAU-HADEMARSCHEN, 1822,' with a description: 'This kartenblatt is the card "HANERAU-HADEMARSCHEN" sheet No 1822. This kartenblatt issued by: The Federal State of Schleswig-Holstein. The map sheets (gridded data) of the...'. Below this, another dataset 'FD_2011_APSFRSEG_DESN' is shown. A yellow arrow points to the 'Save Query' button in the top right corner of the main content area.

The user has to enter a title and description for the query. After submitting the form by clicking on “Save Query” the current state of the search query will be stored.

The screenshot shows the 'Save Query' form. It has two main input fields: 'Title' and 'Description'. The 'Title' field contains the text 'Search for water in Germany'. The 'Description' field contains the text 'A description'. Below the 'Description' field, there is a small asterisk and the text '* Required field'. A yellow arrow points to the 'Save Query' button in the bottom right corner of the form.

A list of all stored queries can be found in the user's dashboard: Data > Dashboard > My Queries. Each user can only access their own queries. It is possible to search, sort and delete the queries. By clicking on the title of the query the respective search is executed.

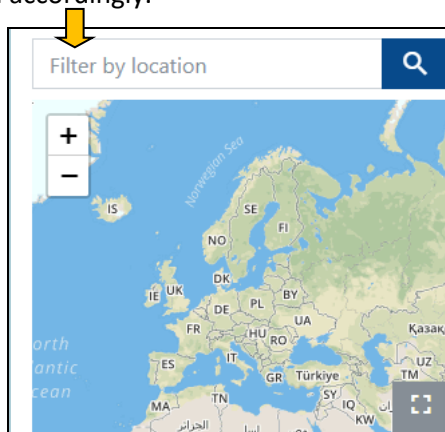


3.2.4 How to filter datasets by geographical area

Many datasets are associated with geographical information. It is possible to filter the datasets by providing a location or area. Only datasets which are within this geographical area are displayed in the result set. The core idea is to select the desired geographical area by highlighting it within a provided map.

There are two approaches to provide this area:

1. The user enters a location keyword in the “Filter by location” input field on the left side, which triggers a search for suitable geo names (e.g. “Paris”). All the results are linked to coordinates. By selecting one result the location is automatically highlighted within the map. The result set is filtered accordingly.



European Data Portal > Datasets

Search: Paris

Order by: Relevance

131145 datasets found

Countries: France

DCE – Bassin La Réunion - État écologique - État biologique - Phytoplancton

Évaluation de la qualité écologique des masses d'eau côtières de la Réunion dans le cadre du programme de surveillance de la Directive Cadre sur l'Eau (2000/60/CE) pour le phytoplancton. Seul l'indice biomasse est pris en compte, la composition et l'abondance ne pouvant encore être définies. Les pr...

Created: -

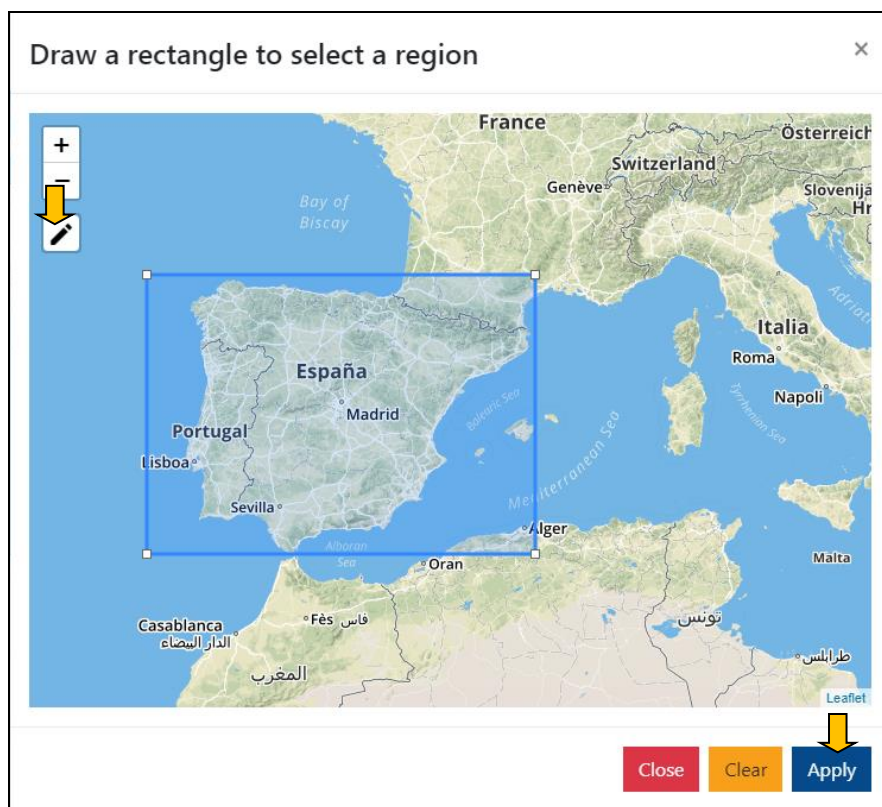
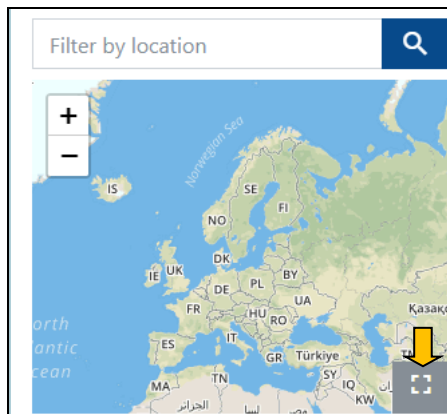
Updated: 02.12.2019 01:00

Geocatologue France

Service de téléchargement direct (WFS) du jeu de données : Périmètres du PPRI MORTAGNE

Ce jeu de données contient les périmètres de délimitation

- The second possibility is a manual selection of a geographical area. The users first clicks on the grey square and the map enlarges automatically. Then, the user clicks on the “Pencil” button and selects an area by drawing a rectangle over the desired location with the mouse (here: Spain). The filtering is applied by clicking on “Apply”.



3.2.5 How to download dataset distributions

Besides special formats (see chapters 3.3 and 3.4) distributions are not displayed within the platform but only linked. When the user enters the detailed view of a dataset by selecting it in the search result, all available distributions are listed. For downloading a distribution, the user clicks on the “Download” button and then on the “Go to resource” icon.

The screenshot shows the detailed view of a dataset on the European Data Portal. The dataset is titled "Average temperature and total rainfall in England and Wales" and is sourced from "data.gov.uk". It includes a description of the data, covering annual and seasonal outflow and rainfall estimates from 1845 to 2012. Below the description, a message states: "An updated translation of this dataset is in progress." The "Distributions (9)" section lists four available distributions, each with a "CSV" icon, a description, a license ("open-government-licence"), and buttons for "Options" and "Download". A yellow arrow points to the "Download" button for the first distribution, "Average temp and rainfall England and Wales 1845 to 2012". A tooltip appears over the "Download" button, showing a "Go to resource" link with an external link icon and a download icon.

Distribution	Options	Download
Average temp and rainfall England and Wales 1845 to 2012	Options	Download
Outfall and rainfall Northern Ireland 1961 to 2013	Options	Download
Outfall and rainfall Scotland 1961 to 2013	Options	Download
Outfall and rainfall for UK 1980 to 2013	Options	Download

3.2.6 How to view licensing information

Licensing information is available for all datasets associated with common licences, which are supported by the Licence Assistant. When available a link to the assistant is provided on left side of a dataset page.

By clicking on the **licence name** (here: cc-by), the Licence Assistant tool is opened in a new window, displaying relevant information for this particular licence.

The screenshot shows the European Data Portal interface. A modal window for the 'Higher Education Provider Data' dataset is open. The modal includes the dataset title, source (data.gov.uk), a description, and a list of distributions. Two distributions are visible, both with a 'CSV' icon and a 'Licence: cc-by' label. The 'cc-by' label for the first distribution is circled in red. The background shows the portal's navigation menu, search bar, and a list of comparable licences on the right.

Higher Education Provider Data
data.gov.uk

We publish the full HESA Finance return as open data providers for the reference of funding and regulatory

Distributions (21)

CSV Table 12 - Analysis of staff costs 2016/17 to 2017/18
Licence: cc-by

CSV Table 1 - Consolidated statement of comprehensive expenditure year ended 31 July 2015/16 to 2017/18
Licence: cc-by

Comparable licences

- CC-BY-NC-ND4.0
- CC-BY-NC-SA4.0
- CC-BY-NC4.0
- CC-BY-ND4.0
- CC-BY-SA3.0NL
- CC-BY-SA4.0
- CC-BY3.0NL
- CC-BY4.0
- CCBY3.0Austria
- DL-DE-BY-NC1.0
- DL-DE-BY1.0
- DL-DE-BY2.0
- EUPL-1.1
- FR-LO
- GFDL-1.1
- GFDL-1.2
- GFDL-1.3
- IODLv1.0
- IODLv2.0
- NLOD
- ODC-BY
- ODC-ODbL
- OGL-NC
- OGL-ROU-1.0
- OGL1.0
- OGL2.0
- OGL3.0
- PSEUL

You are obligated to:

Attribution
Give proper credit to the copyright holder and/or author

Notice
Keep copyright and licence notices intact

State Changes
Indicate which changes have been made to the original licenced work in a manner that permits attribution.

By clicking on the “**Data->Licensing Assistant**” link in the main menu, the Licence Assistant is opened in a new window, displaying relevant information of all supported licences by the tool.

EUROPEAN DATA PORTAL

European Data Portal > Licensing Assistant

What we do ▾ Data ▾ Providing Data ▾ Using Data ▾ Resources ▾

Datasets Catalogues Metadata Quality **Licensing Assistant** SPARQL Manager Statistics

Licensing Assistant

Data which is shared with a licence becomes Open Data. There are many licences available. The licence assistant provides a description of the available licences. It also gives an overview of how to apply licences as re-publisher/distributor of Open Data and how to combine multiple licences.

Please find a licence by selecting the preferred licence terms below:

Obligation

- Lesser Copyleft
- Attribution
- Sharealike
- Notice
- Copyleft
- State Changes

Permission

- Derivative Works
- Distribution
- Reproduction
- Sublicensing
- Use patent claims

Prohibition

- Commercial use

Name	Terms
CC BY 3.0 Austria	Obligation: Attribution, Permission: Derivative Works, Obligation: Notice, Permission: Distribution, Permission: Reproduction
CC-BY 4.0	Obligation: Attribution, Permission: Derivative Works, Obligation: Notice, Permission: Distribution, Obligation: State Changes, Permission: Reproduction
CC-BY 3.0 NL	Obligation: Attribution, Permission: Derivative Works, Obligation: Notice, Permission: Distribution, Permission: Reproduction
CC-BY-NC 4.0	Obligation: Attribution, Permission: Derivative Works, Obligation: Notice, Prohibition: Commercial use, Permission: Distribution, Obligation: State Changes, Permission: Reproduction
CC-BY-NC-ND 4.0	Obligation: Attribution, Obligation: Notice, Prohibition: Commercial use, Permission: Distribution, Obligation: State Changes, Permission: Reproduction

3.2.7 How to switch to another user language

The user language can be switched by selecting a language from the dropdown menu on the top. This changes the interface language and the language of metadata fields of the datasets, which are provided in multiple languages, mainly title and description.

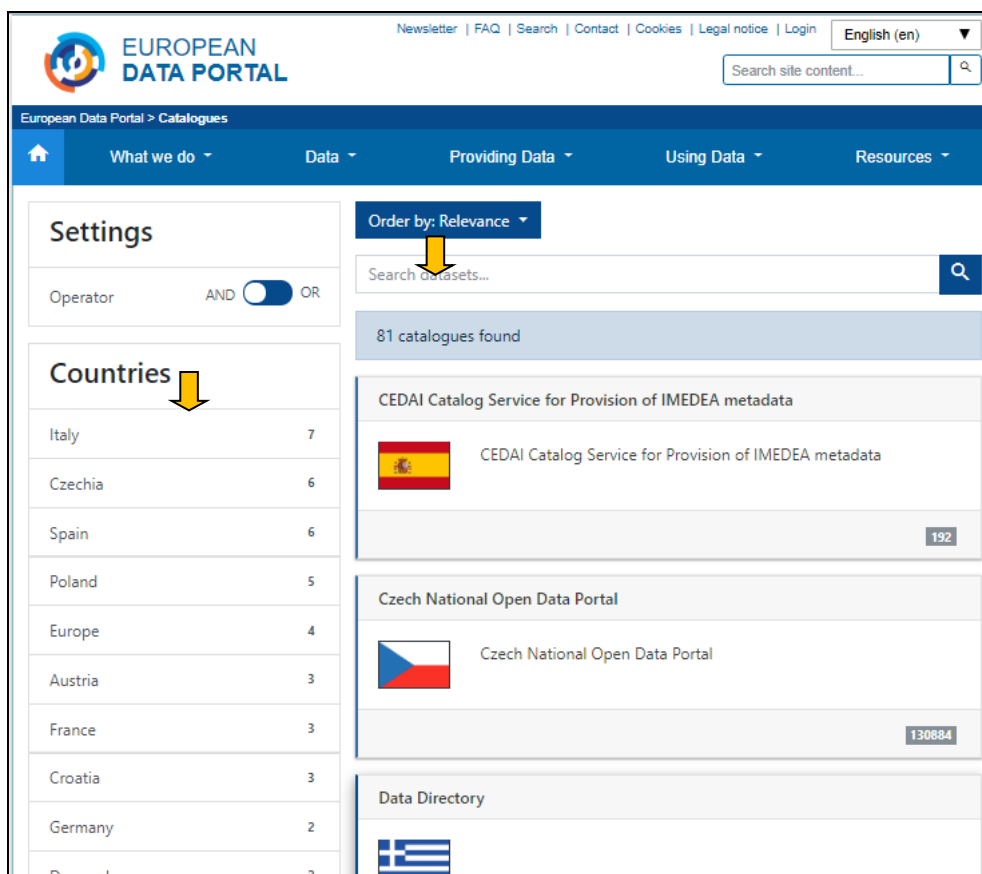
The screenshot shows the European Data Portal interface. At the top right, a language dropdown menu is open, displaying a list of languages including English (en), Bulgarian (bg), Czech (cs), Danish (da), German (de), Greek (el), Spanish (es), Estonian (et), French (fr), Gaelic (ga), Croatian (hr), Hungarian (hu), Italian (it), Lithuanian (lt), Latvian (lv), Maltese (mt), Dutch (nl), Polish (pl), Portuguese (pt), and Romanian (ro). The 'italiano (it)' option is highlighted. The main content area shows search filters for location (a map of Europe), order by relevance, and search results for 'United Kingdom' and 'Environment' categories, displaying 1178 datasets found. A sidebar on the left contains settings for operator, countries, and catalogues.

By default the searching for datasets is performed within all available languages.

3.2.8 How to browse by data catalogues

By browsing to **Data > Catalogues** in the main menu, all source catalogues are listed and/or can be searched for by entering a keyword contained in the catalogue name or description.

Catalogues can also be filtered by their country of origin. This can be done by selecting one or more countries in the left country facet. The page then lists all catalogues from the selected countries.



<http://www.free-country-flags.com/>

3.3 Visualization of Geo-Spatial Data (map.apps)

The visualization of geo-spatial data within the European Data Portal provides previewing functionality for spatial open data. The aim is to allow the user to assess if a dataset meets specific requirements in terms of spatial and thematic coverage. The functionality that is provided in the header (links to disclaimers and language switching) is consistent in the entire portal.

3.3.1 How to visualize geo-spatial data from a dataset resource

Accessing the geo-spatial visualization is achieved via the Data Platform interface. A user searches for specific data, enters the dataset view of reasonable results and displays the available distributions (see Section 3.2.5). If a dataset distribution is supported by the geo-spatial visualization, a globe button is displayed (see Figure 3). This is the entry point into the map viewer application. Supported formats are OGC Web Map Service (WMS) and GeoJSON. If the user visits the geo-spatial visualization for the first time, an interactive user tutorial is provided to guide the use through specific functions of the user interface, similar to this written user manual.

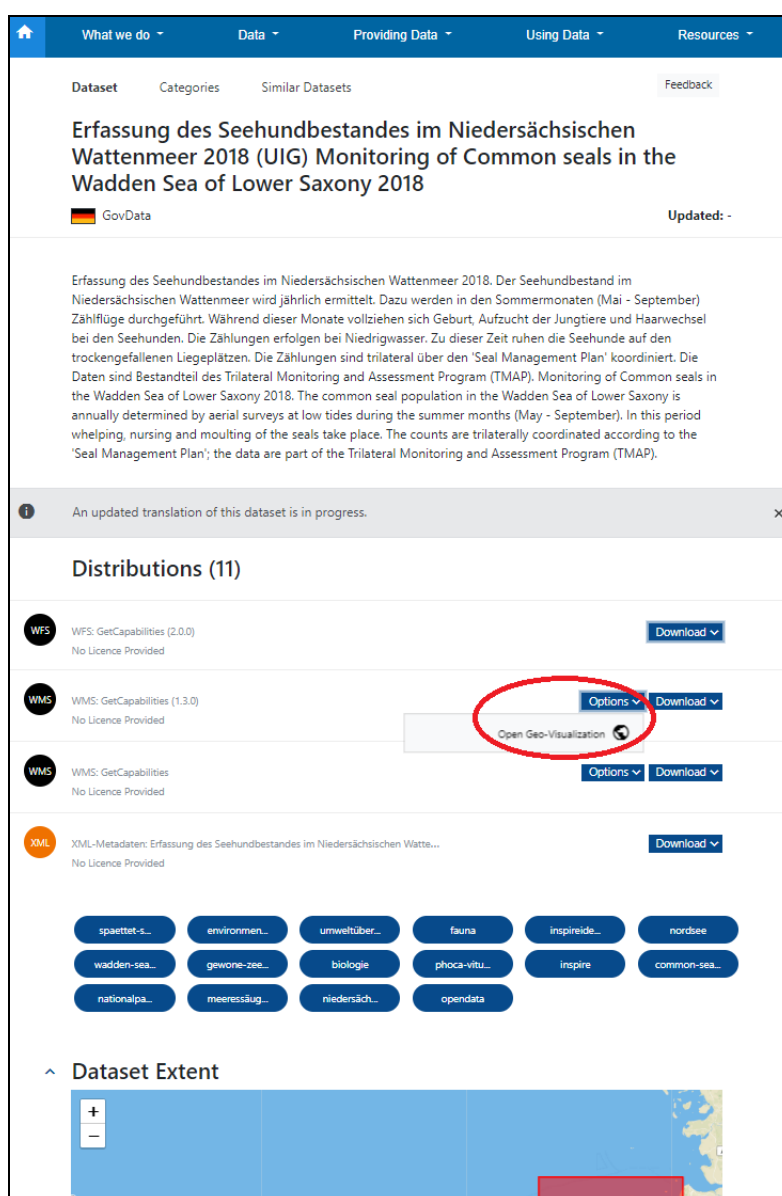


Figure 3 – Dataset Resource Page with Link to Geo-Spatial Visualisation.

Once within the map viewer application, the user can decide which layers to be displayed. Most Web Map Service (WMS) instances provide more than one layer. The geo-spatial visualization provides a dialog for choosing the desired layers for display (see Figure 4).

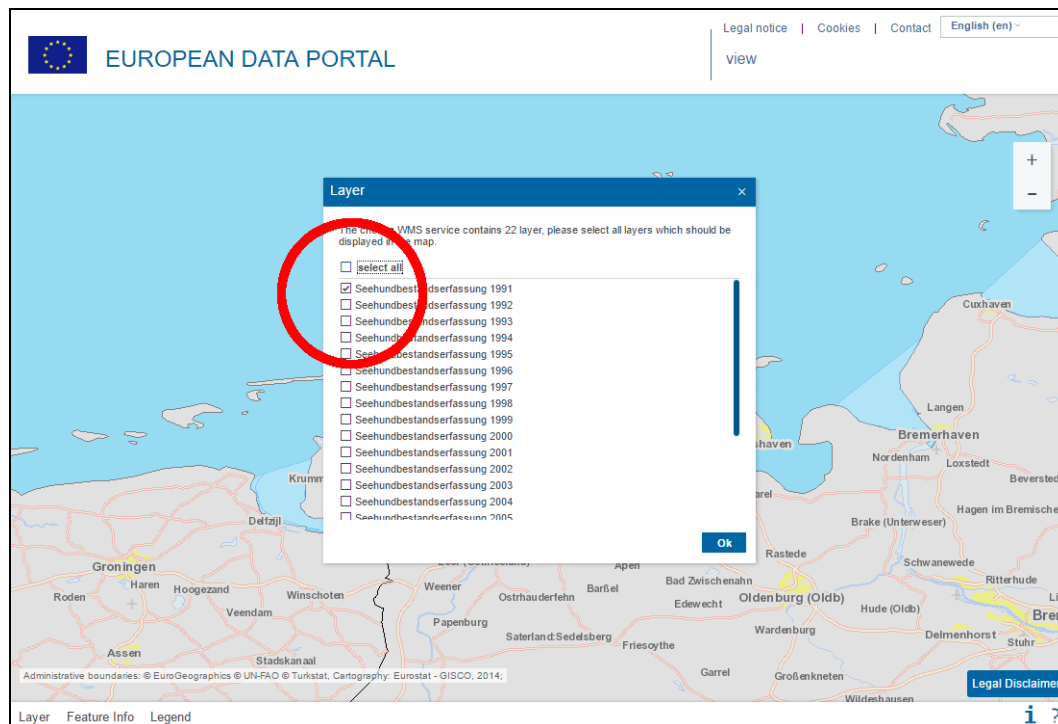


Figure 4 – Selection of layers.

In order to examine the resource in more detail, the user can click on a geographic feature while the “Feature Info” tool is enabled (see Figure 5). This function is only enabled if the service supports this kind of detailed query.

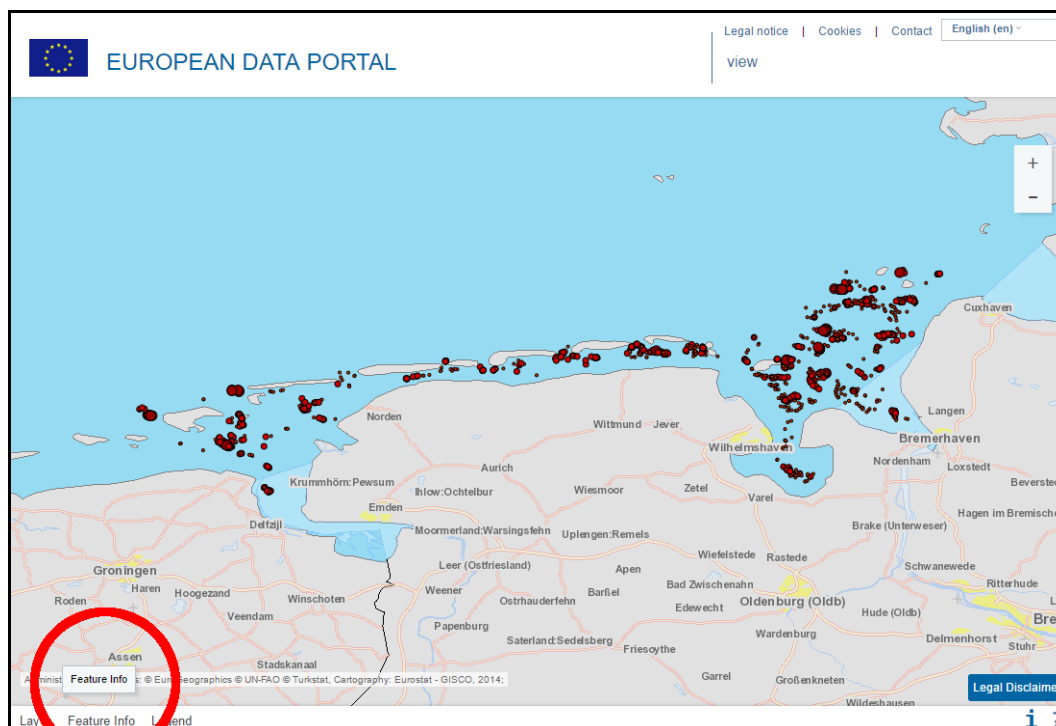


Figure 5 – Feature Info tool.

The different displayed layers can be examined using the “Legend” tool. If the external service provides legend graphics, the user can interpret the given symbology and temporarily disable the display of layers (see Figure 6).

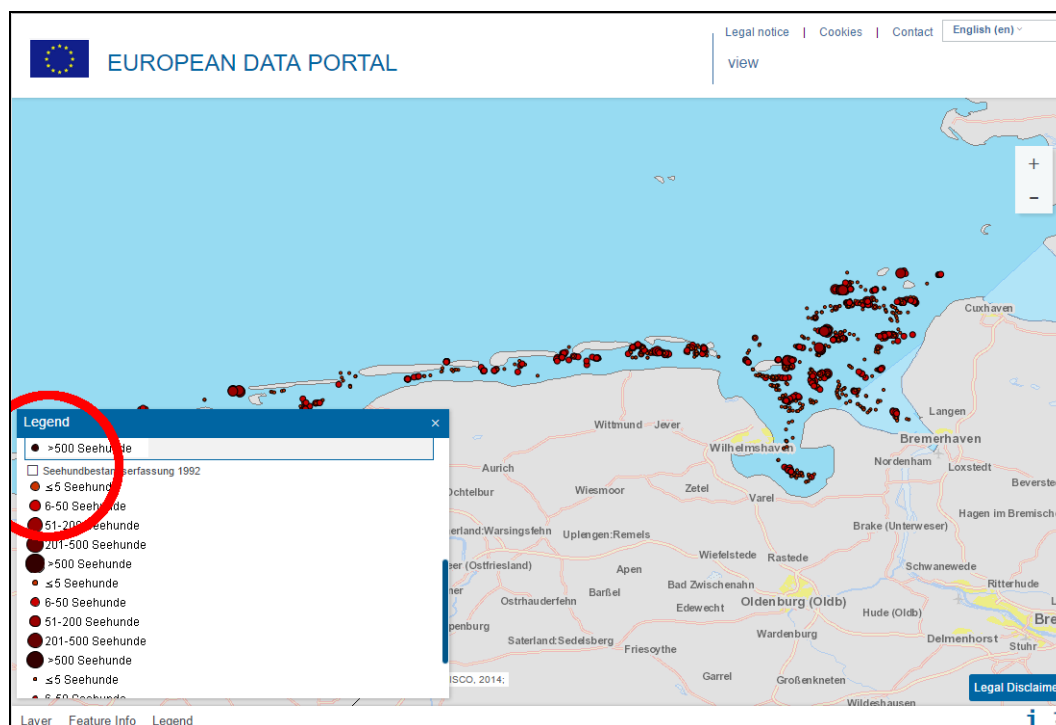


Figure 6 – Legend tool.

The two buttons on the bottom right of the map viewer (see Figure 7) can be used to display an informational disclaimer and to start the user interface tutorial.

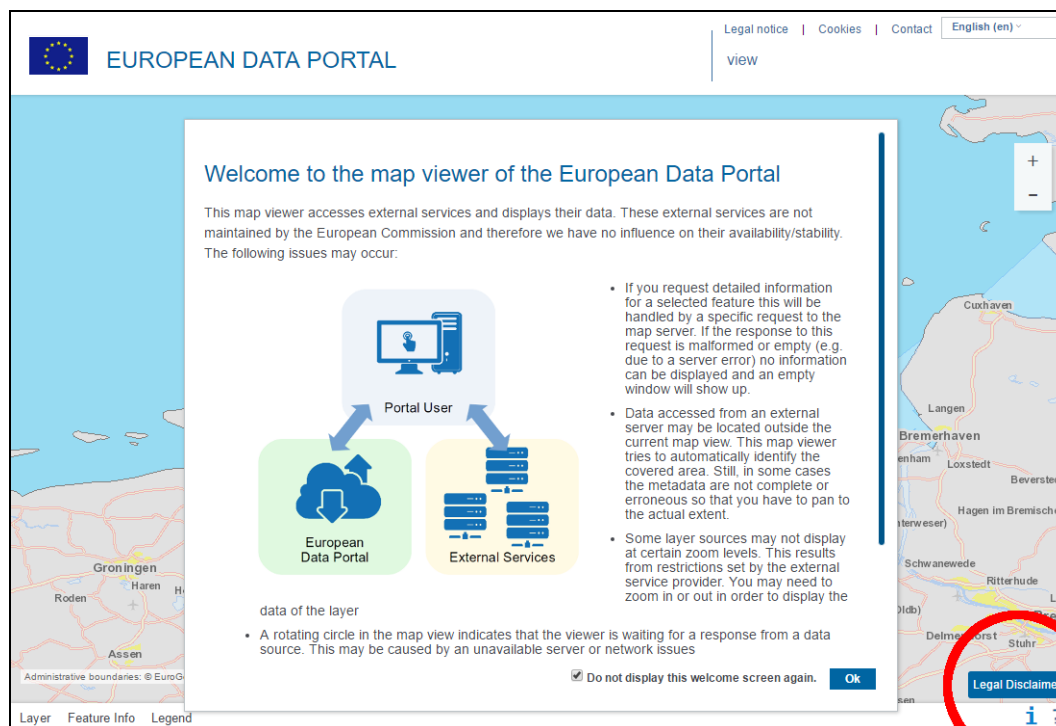


Figure 7 – Disclaimer and tutorial buttons.

In some cases the user might experience the display of an error message. The geo-spatial visualization tries to support all flavors of external services but cannot guarantee to work with broken services. In these situations an error message dialog is presented and the user can decide if a support ticket shall be opened (see Figure 8).

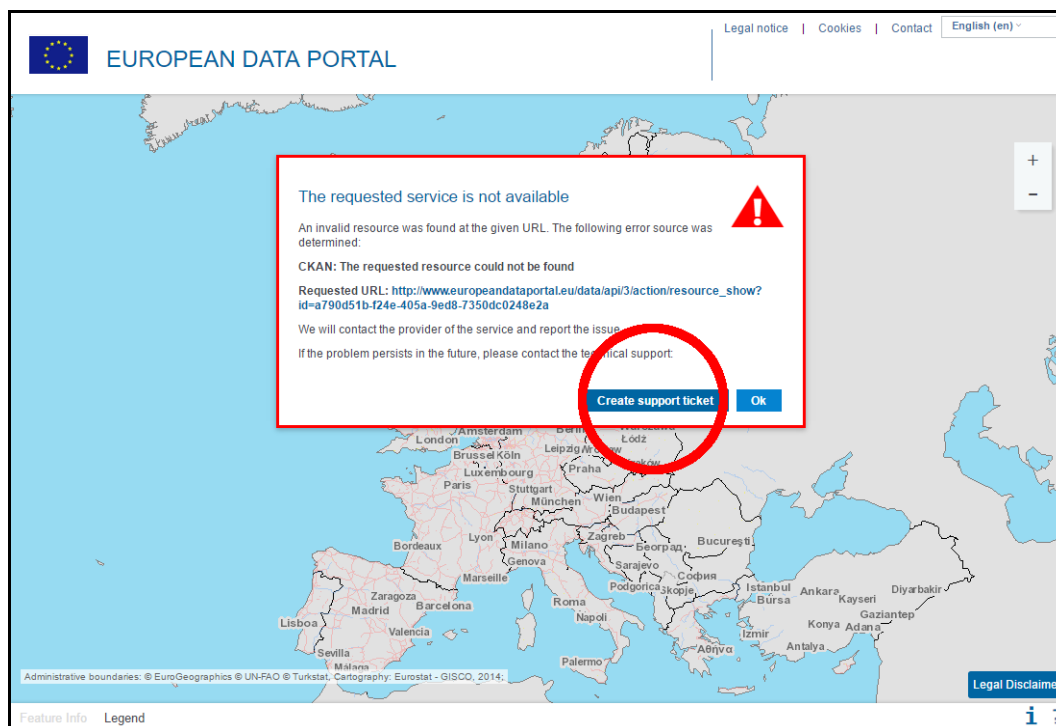


Figure 8 – Error message dialog.

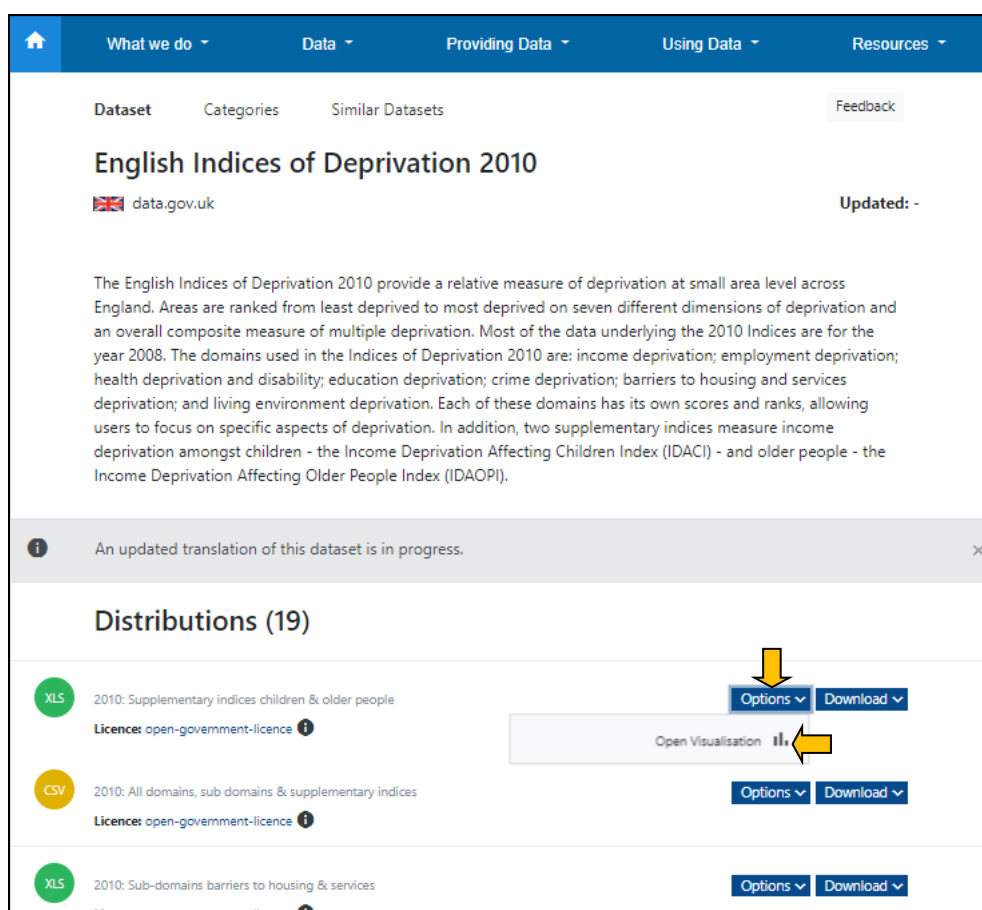
3.4 Graphical Data Visualisation Tool

This section describes the features of the graphical visualisation tool for numeric data. The features are currently available for XLS (Excel) and CSV files, except for the selection of the sheet name which is applicable only for Excel files.

Most GUI elements from the “Graph” tab (records selection, search box, filters and fields buttons) are also available on the “Grid” tab and work in the same way.

3.4.1 How to visualize graphical data from a dataset resource

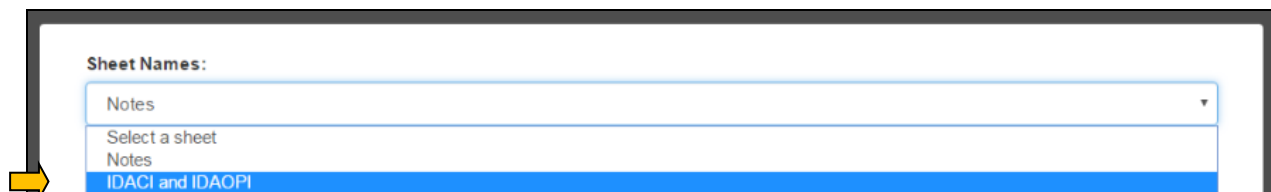
As a result of a dataset search, the system displays on the “Dataset” tab all distributions (resource/data files) that are part of the selected dataset. Each XLS or CSV distribution of the dataset can be further explored by clicking on “Open Visualization” under the “Options” button – if available.



After clicking on the “Open Visualization” button, the user should execute the following steps:

Step 1: Select a Sheet Name

The Portal is parsing the XLS file and lists all available worksheets. Select one of the sheets contained in the XLS file.



Step 2: The Grid View

The grid appears once the user has clicked on a file name (and a sheet name in case of an Excel file).

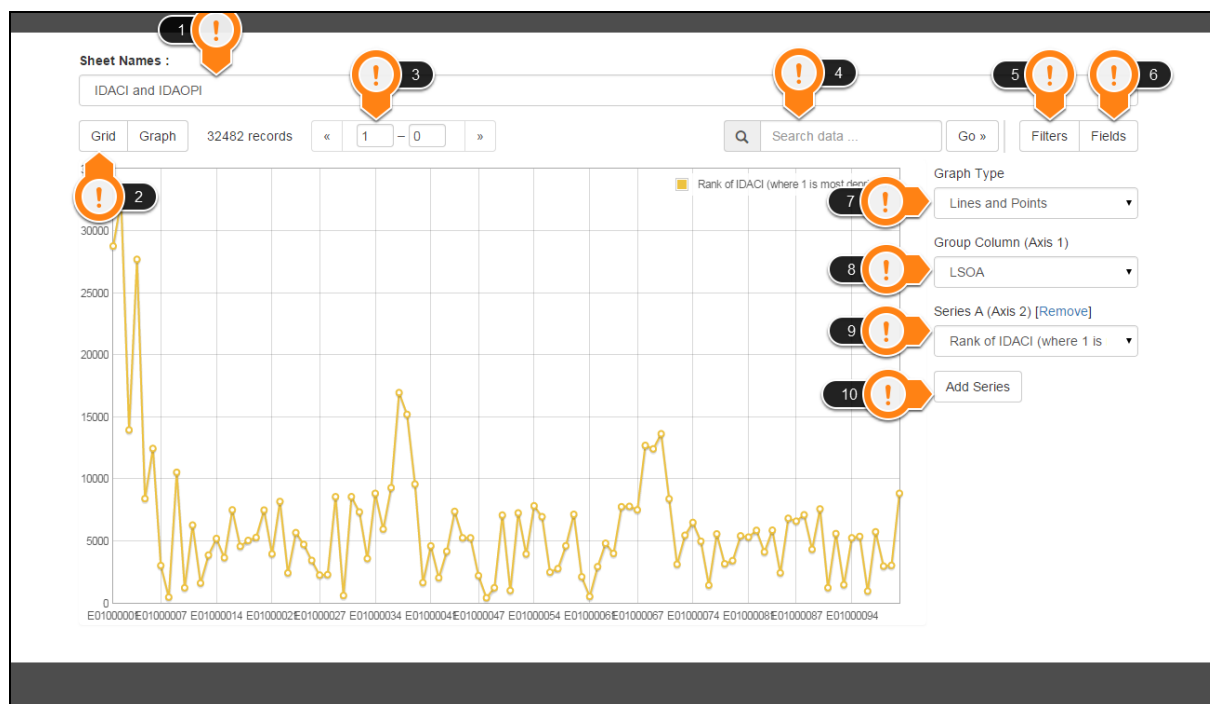
Sheet Names: IDACI and IDAOPI

Grid Graph 32482 record(s) « 1 - 100 » Search data ... Go » Filters Fields

LSOA	PRE 200...	PRE 200...	POST 2...	POST 2...	GOR CO...	GOR NA...	IDACI s...	Rank of ...	IDAOPI ...	Rank of ...
E01000...	00AA	City of L...	00AA	City of L...	H	London	0.04	28761	0.00	32456
E01000...	00AA	City of L...	00AA	City of L...	H	London	0.00	32415	0.03	32339
E01000...	00AA	City of L...	00AA	City of L...	H	London	0.19	13938	0.18	14932
E01000...	00AA	City of L...	00AA	City of L...	H	London	0.05	27689	0.07	29527
E01000...	00AA	City of L...	00AA	City of L...	H	London	0.29	8404	0.35	4973
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.21	12445	0.18	15003
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.46	3011	0.39	3309
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.64	463	0.41	2925
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.25	10525	0.41	2899
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.56	1217	0.38	3872
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.35	6267	0.39	3389
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.53	1601	0.29	7732
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.43	3853	0.33	5529
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.38	5189	0.33	5801
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.44	3645	0.32	5887
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.32	7495	0.29	7297
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.40	4560	0.37	3991
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.39	5031	0.28	7984
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.38	5273	0.31	6382
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.32	7482	0.36	4455
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.43	3949	0.36	4639
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.30	8175	0.35	4798
E01000...	00AB	Barking ...	00AB	Barking ...	H	London	0.49	2416	0.32	5962

Step 3: The Graph Tab

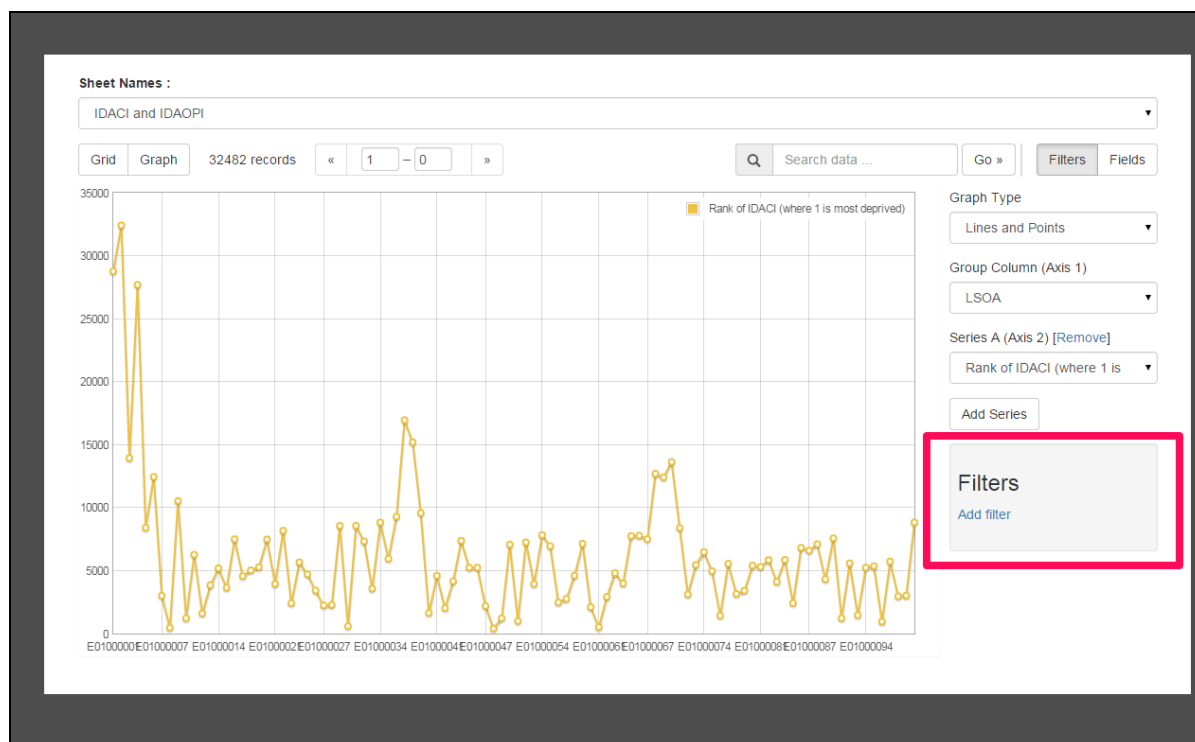
Click on the graph tab in order to display the corresponding graph.



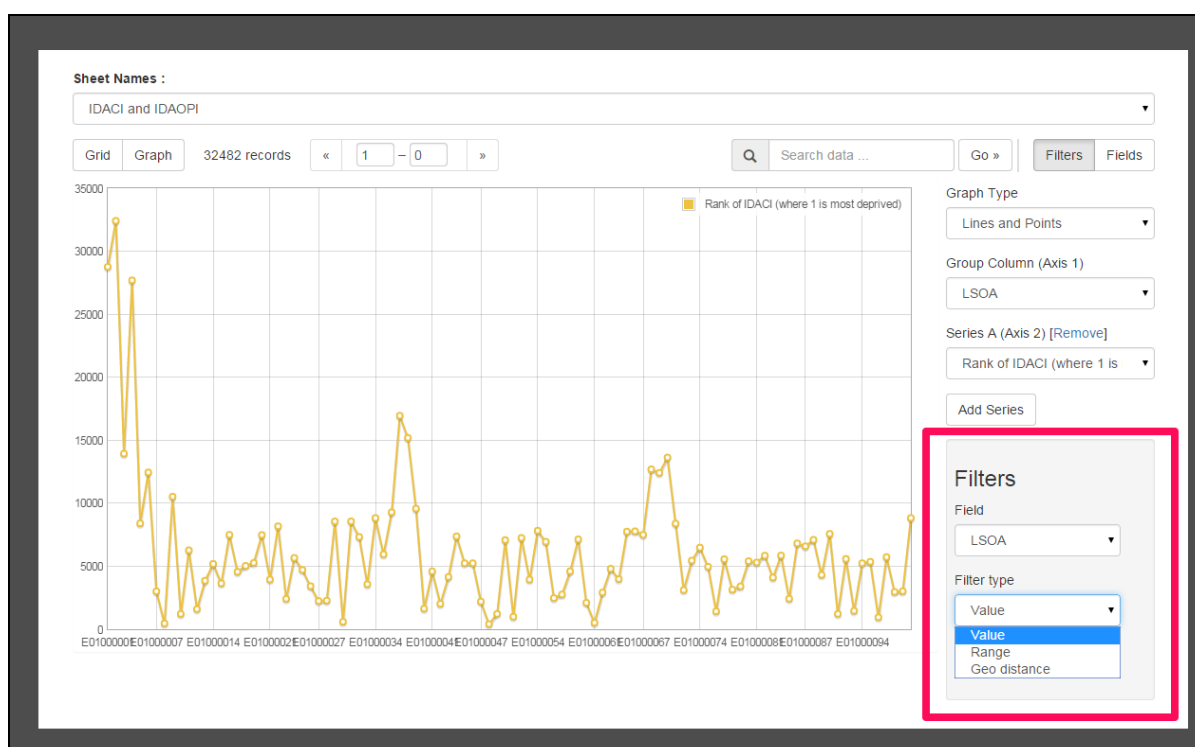
1. Selection of the sheet name
2. Button to go back to the “Grid” view
3. Selection of a range of data records
4. Search box
5. Filters button to open the filters form
6. Fields button to open the fields box
7. Select box to select the graph type
8. Select box to select the group column (Axis 1)
9. Select box to select the series A (Axis 2)
10. Button to add series

Step 4: Filters

Once the user clicks on the filters button the filters form appears.

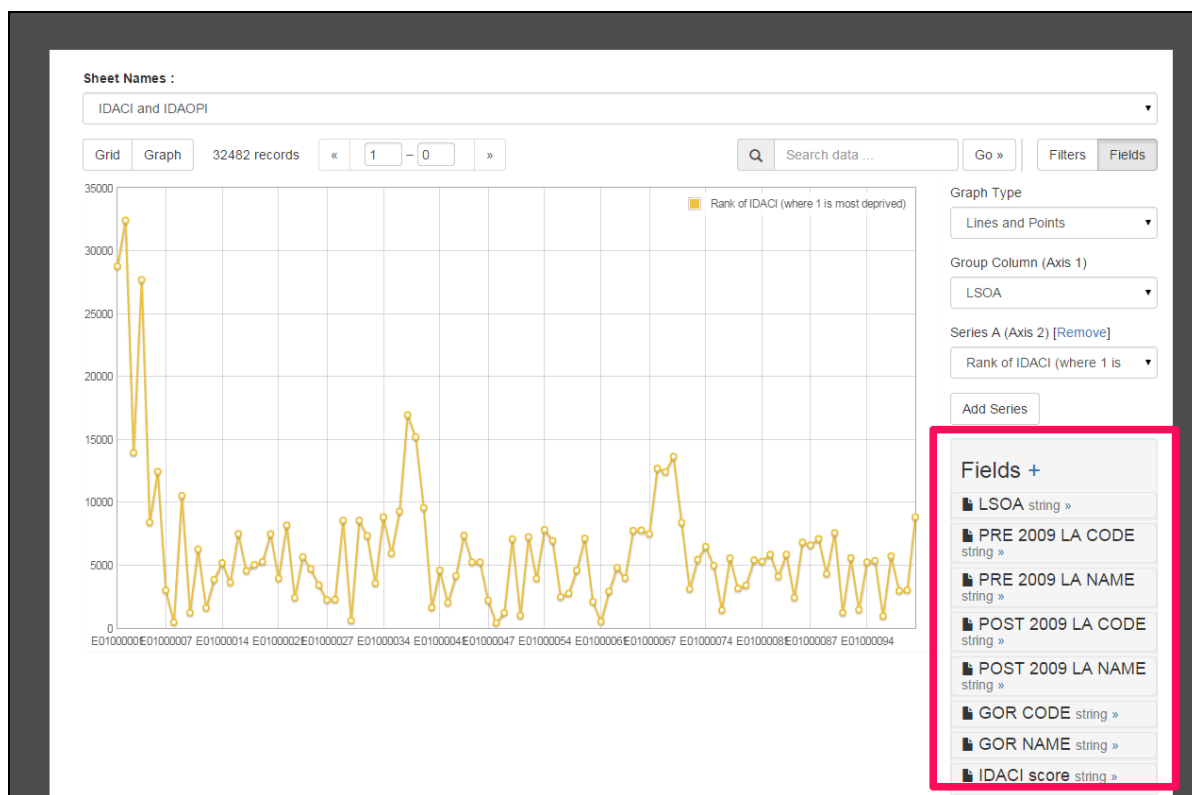


After clicking on “Add filter”, the available fields appear and the user can now filter the data with a specific value or range.



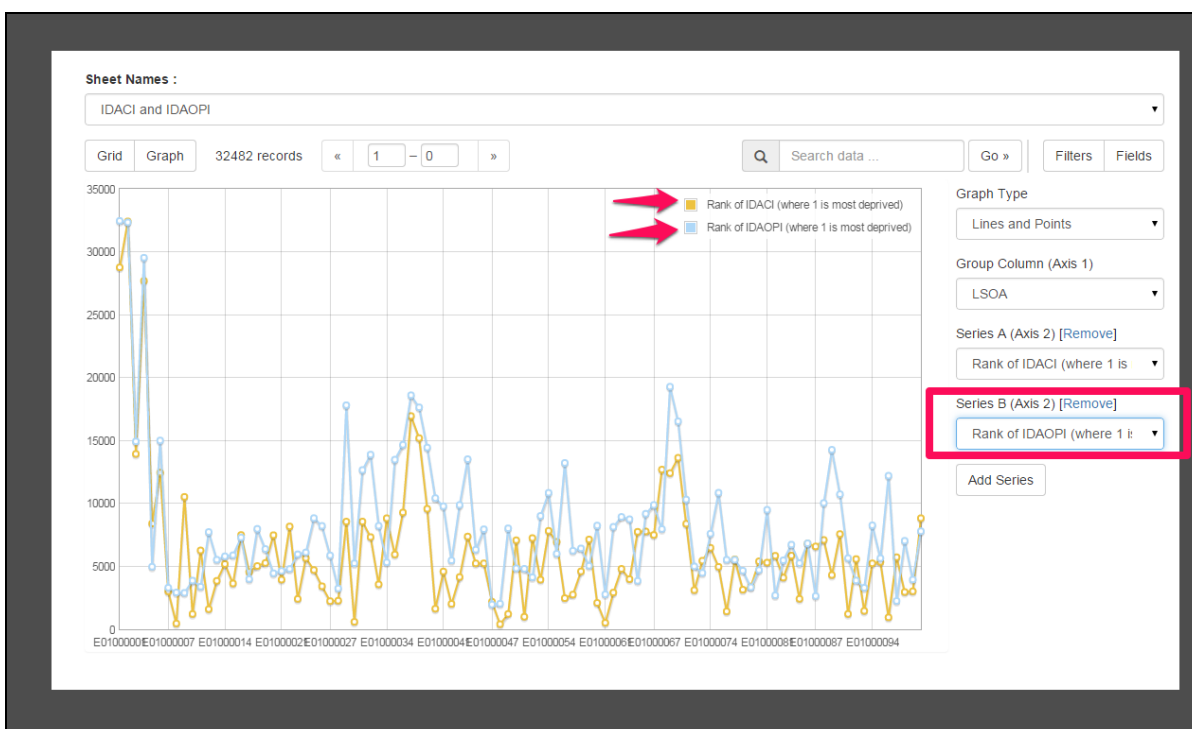
Step 5: Fields

Click on the “Fields” button in order to display the fields box that contains the list of available fields.



Step 6: Adding another data series

Click on the “Add Series” button to add another data series to the current graph as shown below.



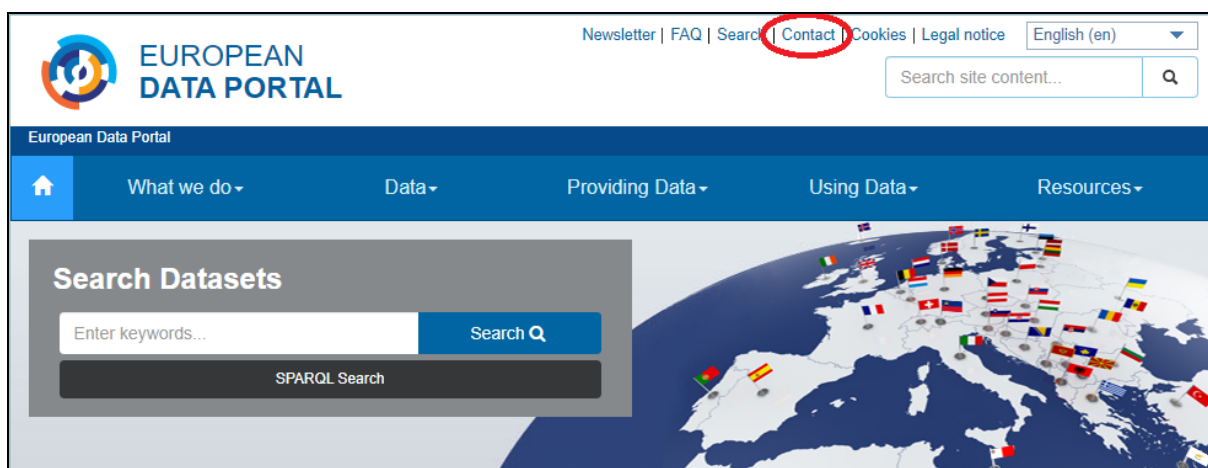
3.5 Help Desk

3.5.1 How to contact the Portal's Help Desk

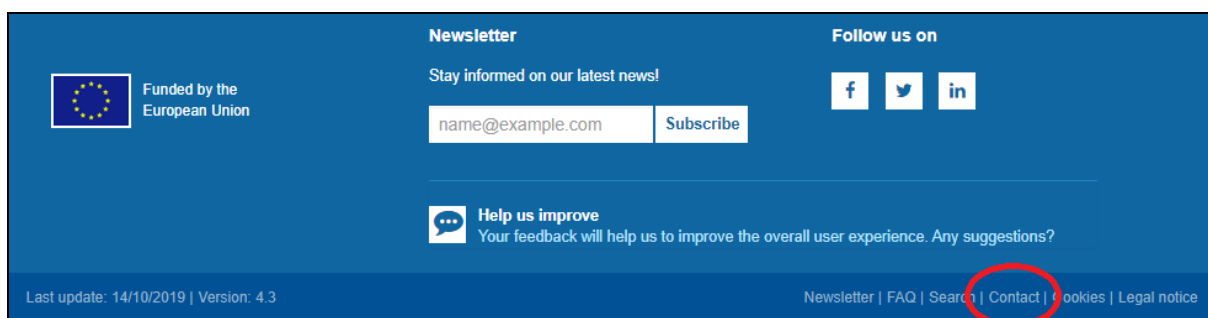
The European Data Portal Help Desk can be contacted:

- **By email:** help@europeandataportal.eu
- **By phone:** the Portal's Help Desk is staffed by a multilingual team of experts, who can be contacted from Monday to Friday from 09:30 to 17:30 (CET).
 - EN: (+352) 31 44 01-448
 - FR: (+352) 31 44 01-449
- By providing comments and suggestions via the **online contact/feedback form** available from the Portal's home page.


From the header:




From the footer:



After clicking on the “Contact” item, the following form is displayed:

 **EUROPEAN
DATA PORTAL**

Newsletter | [FAQ](#) | [Search](#) | [Contact](#) | [Cookies](#) | [Legal notice](#) English (en)

Search site content... 

European Data Portal > Contact

[Home](#) [What we do](#) [Data](#) [Providing Data](#) [Using Data](#) [Resources](#)

Contact

Your name*

Your email address*

Please choose an issue type:

General information request ▼

Summary*

Description*

Drop your file to upload here

or [Browse](#)

N B ₅ r T

What code is in the image? *

Enter the characters shown in the image.

Submit

Call us between 09:30 - 17:30 (CET)
EN: +352 31 44 01-448
FR: +352 31 44 01-449
email: help@europeandataportal.eu

3.6 Metadata Quality Assurance (MQA)

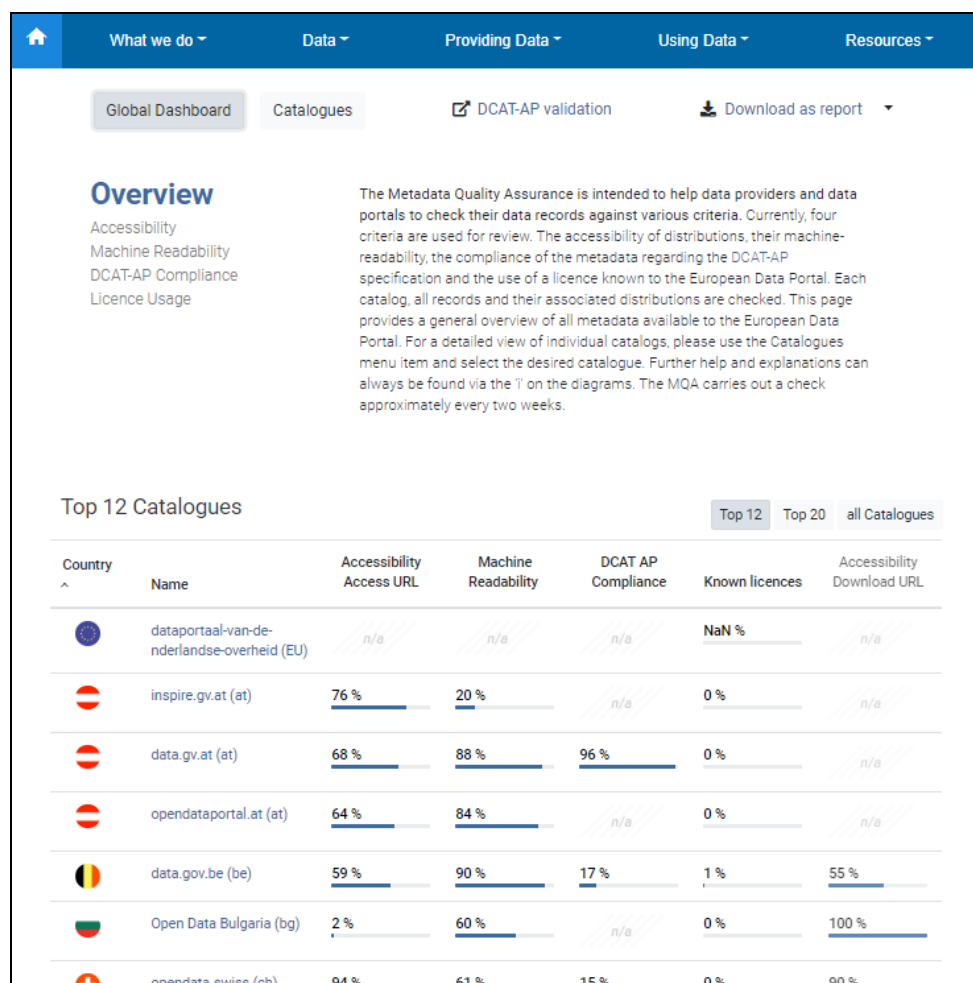
The Metadata Quality Assurance is a component to monitor the quality of the metadata that is harvested from other portals or stored manually with the EDP metadata creation form. Currently quality measurement is based on metadata schema violation against DCAT-AP 1.1 and availability of the distributions of a dataset. The MQA is running checks on a weekly basis. Each check has a duration of a couple of days. This is due to the HTTP GET requests against each single distribution in the portal, checking their availability.

In addition to the navigation buttons in the dark blue bar at the top of the page, a drop down menu allows the downloading of a report file, in which all the data generated by the MQA is contained. The report is available in various formats. The PDF report includes the charts displayed.

3.6.1 The Global Dashboard View

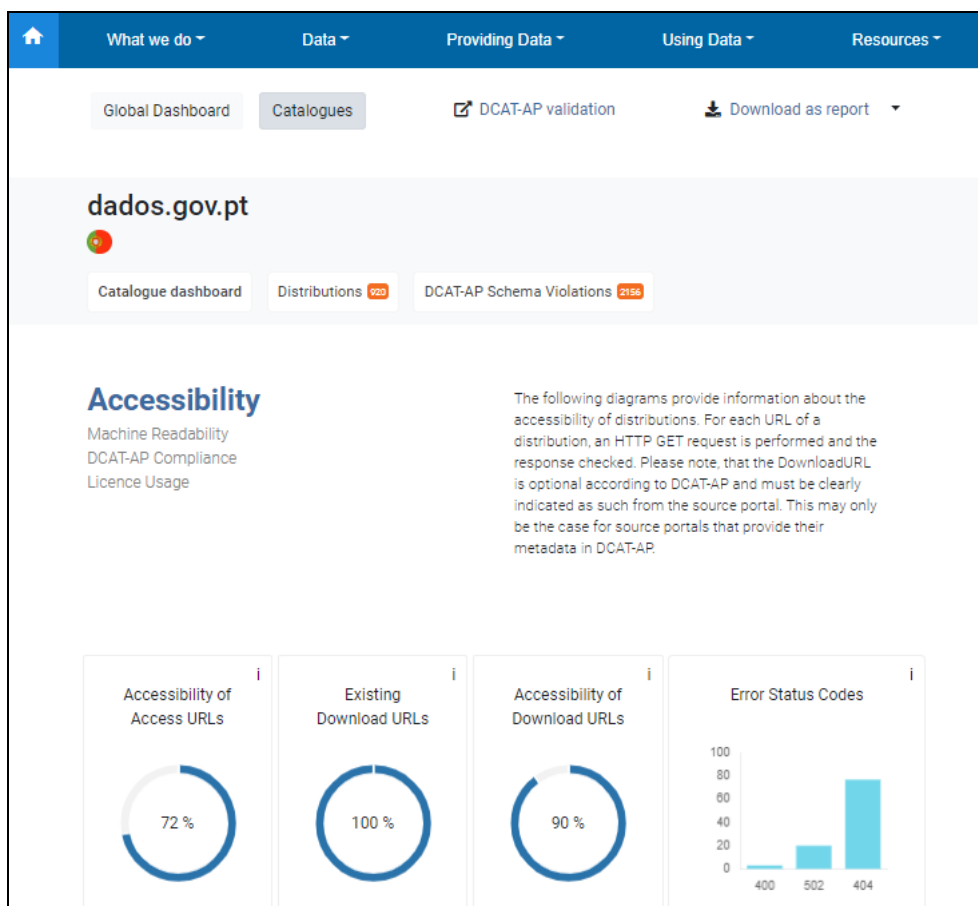
This is the landing page of the MQA. It gives an overview of the quality situation across all catalogues, datasets and distributions in the Portal. If the user wants to investigate the mentioned issues with datasets or distributions in detail, he/she can use the catalogue selection menu on top of the page to navigate to the selected catalogue details page.

An information icon in the upper right corner is indicating that the user can get explanation texts for all diagrams on the page. The introduction text shows the planned schedule for the next check to be performed by the MQA. The bottom of the page shows the date when the last check started. If the MQA is currently running a check, then a spinning wheel beside the last check date is indicating this.



3.6.2 The Catalogue details view

This page presents a detailed view of the issues per catalogue. The “Download as report” drop-down menu provides a list of all available catalogues. As a next step, the user can choose whether to see the catalogue dashboard, the distribution availability or dataset schema violations. The catalogue dashboard is the default view when visiting this page.



3.6.2.1 Catalogue Dashboard

The catalogue dashboard provides the same information as the overall dashboard, but only for the selected catalogue.

3.6.2.2 Distributions

This view provides a detailed report of the distributions' status of the selected catalogue. The user can see the URLs of the distributions that were checked (access and download URL), the corresponding HTTP response codes and the dates when this issue occurred the first time. Additionally, the distributions' format is checked for its machine readability. The machine readability check is based on the results of the Open Data Monitor project¹.

The screenshot displays the 'Distributions' view for the 'dados.gov.pt' catalogue. The interface includes a top navigation bar with tabs: 'What we do', 'Data', 'Providing Data', 'Using Data', and 'Resources'. Below the navigation bar, there are buttons for 'Global Dashboard', 'Catalogues', 'DCAT-AP validation', and 'Download as report'. The main content area is titled 'dados.gov.pt' and features sub-tabs: 'Catalogue dashboard', 'Distributions' (with a count of 920), and 'DCAT-AP Schema Violations' (with a count of 2156). The 'Distributions' tab is selected, showing a section titled 'Distributions' with the description 'This view lists all datasets that have non accessible distributions.' Below this, there is a sub-section 'Datasets with non accessible distributions' with a pagination control showing '1', '2', '3', and '92'. The first dataset entry is for 'Área Autónoma dos Açores (RAA)'. It lists an 'Access URL' and a 'Download URL'. The 'Access URL' has a status of 1100 and format of wms. The 'Download URL' has a status of 200.

¹ https://github.com/opendatamonitor/odm.restapi/blob/master/odmapi/def_formatLists.py#L44-L87

3.6.2.3 Violations

The MQA checks for each dataset if it is DCAT-AP compliant. The validation is done on the metadata that is stored in the Virtuoso repository. Therefore, a JSON schema was created and is used for validation. The user can see the location where the violation occurs and its reason for each not compliant dataset of the selected catalogue.

The screenshot displays the 'European Data Portal > Metadata Quality' interface. The top navigation bar includes links for 'What we do', 'Data', 'Providing Data', 'Using Data', and 'Resources'. Below this, there are buttons for 'Global Dashboard', 'Catalogues', 'DCAT-AP validation', and 'Download as report'. The main content area is for the 'dados.gov.pt' catalogue, showing a 'Catalogue dashboard' with 'Distributions' (620) and 'DCAT-AP Schema Violations' (2156). The 'DCAT-AP Schema Violations' section is expanded, showing a list of violations. The first violation is for the 'Área Autónoma dos Açores (RAA)' dataset, with two specific errors listed:

Dataset	Violation
Área Autónoma dos Açores (RAA)	Value does not have class http://xmlns.com/foaf/0.1/Agent
Área Autónoma dos Açores (RAA)	Value does not have class http://www.w3.org/2004/02/skos/core#Concept

3.7 SPARQL Manager

The SPARQL Manager provides a graphical user interface (GUI) for sending user defined queries to the Virtuoso SPARQL query engine.

The powerful SPARQL Protocol and RDF Query Language are primarily aimed at professionals for querying metadata as Linked Data. A basic knowledge of the DCAT-AP specification is highly recommended.

In the future, users of the SPARQL Manager will be able to save their queries for scheduled execution. Additionally a notification will be send to the user when a result has changed.

Clicking the info icon in the upper right corner will display a step-by-step walkthrough of all components with a short info about their function.

This is possible in both of modes of the SPARQL Manager, the search and the assistant mode, which will be described in the following sections.

3.7.1 SPARQL Search

European Data Portal > Home

Search with SPARQL-Query ⓘ

Search for metadata in the European Data Portal triple store using SPARQL queries.

The SPARQL manager sends user defined SPARQL queries to the Virtuoso SPARQL query engine.

SPARQL specifications can be found on the [W3C web site](#). Please note that this is a tool for SPARQL experts.

Prefixes

1 `SELECT (count(*) AS ?count) WHERE { { ?s a dcat:Dataset } } LIMIT 100`

Format: RDF/XML

Limit: 100

Execute the SPARQL query.

Examples:

- Number of datasets
- All dataset URIs
- Categories/themes and their number of datasets

In this mode you can load some predefined example queries from the right side into the editable text area to introduce yourself with the very basic SPARQL syntax. Limiting the number of returned results is possible by selecting a value from the Limit-dropdown or by editing the query directly. Furthermore the format for the result can be selected. After clicking the Search-Button the result is displayed in Result data preview area below. The preview may be truncated depending on the size of the result. The complete result could always be downloaded as a file by clicking the Download-link on the right side.

3.7.2 SPARQL Assistant

The SPARQL assistant extends the functionality of the simple SPARQL search described in the previous section. More complex queries for datasets could be built by clicking several options in the GUI.

1. Category/Theme

Select one or more Categories/Themes defined in the DCAT-AP standard to filter the results. Datasets will only be listed in the result if they belong to all selected categories/themes.

2. Distribution format

Datasets can contain distributions in different formats. You can select one or more formats to exclude datasets from the result which distributions do not contain the desired formats. If your format selection by the DCAT-AP standard is too strict you may enter a custom format string at the bottom of the list, which will result in a simple text comparison in the format label field.

3. Search for keyword

Enter a search term which must be found in the dataset. You can limit this to the title or the description. By enabling both options the term has to occur in the title and the description.

4. Count number of results

By clicking the “only count number of results” option, only the number of results that matches the SPARQL query is returned.

3.7.3 SPARQL Saving/Modifying a Query

The screenshot shows the European Data Portal interface for saving or modifying a SPARQL query. The page has a blue header with the portal logo and navigation links. Below the header is a blue navigation bar with links to 'What we do', 'Data', 'Providing Data', 'Using Data', and 'Resources'. The main content area is divided into two columns: 'Query details' on the left and 'Query Results' on the right.

Query details:

- Query name:** Public query
- SPARQL query:**

```
SELECT ?theme (count(?theme) AS ?count)
WHERE { ?s a dcat:Dataset . ?s dcat:theme ?theme }
GROUP BY ?theme LIMIT 100
```
- Format:** RDF/XML
- Query comment:** Query comment
- Enabled:** ☐
- Public:** ☒
- Back:** Button

Query Results:

#	Creation time	
50	2018-03-01	Details
51	2018-03-02	Details

Next run disabled

Search: Button

Once a user is logged-in, he/she has the opportunity to save custom queries. A corresponding name and the actual query as well as a result format have to be provided.

The user may as well enter an email address in order to receive a notification email from the system and a comment which describes the query.

Selecting a schedule string lets the query run automatically if the checkbox “Enabled” is selected.

If the user likes to share and lets other users see the query he/she may select the “Public” checkbox.

The same page will be displayed if the user decides to modify one of his/her queries. A list of all results on the right side lets the user decide which result he/she likes to display.

3.7.4 SPARQL Queries

European Data Portal > Home

Newsletter | FAQ | Search | Contact | Cookies | Legal notice | Login English (en)

Search site content...

What we do Data Providing Data Using Data Resources

Private Queries

Query name	Enabled	Query comment	Query details
Number of all r...	⌂		Q Details

« 0 »

Public queries list

Query name	Enabled	Query comment	Query details
Number of all r...	⌂		Q Details
All datasets	⌂		Q Details

« 0 »

Create query

The third tab displays all queries set to “public”. Upon creating or modifying a query the user may set the attribute “public”, which will make the query accessible to everyone.

Once the user is logged-in, another list with all private queries including the owned public queries will be displayed. Besides “Query name” and “Query comment”, the attribute “Enabled” visualizes if the query is currently running on a recurring time interval.

All attributes may be changed upon selecting “Details” if the logged-in user is the owner of selected query.