

# Manual OpenSpending

A project by



and

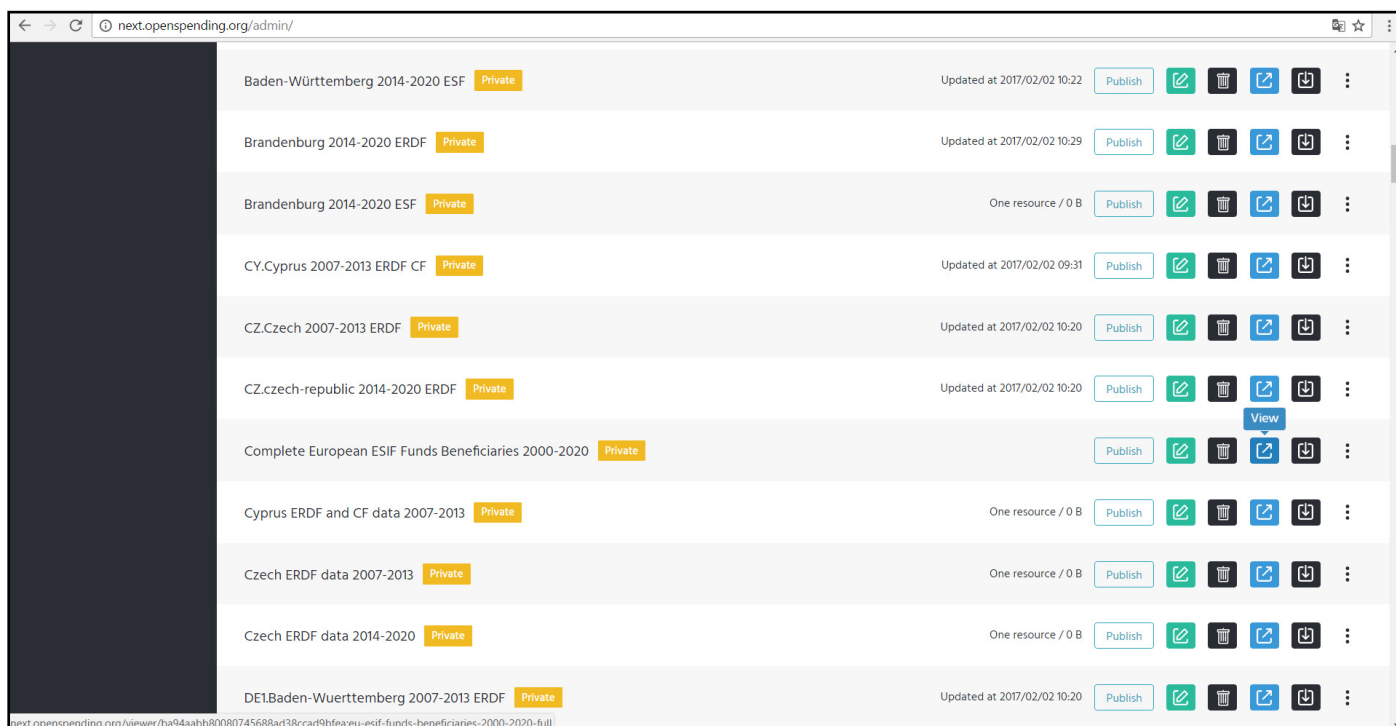


made possible through funding by:



# Datasets and how to use them

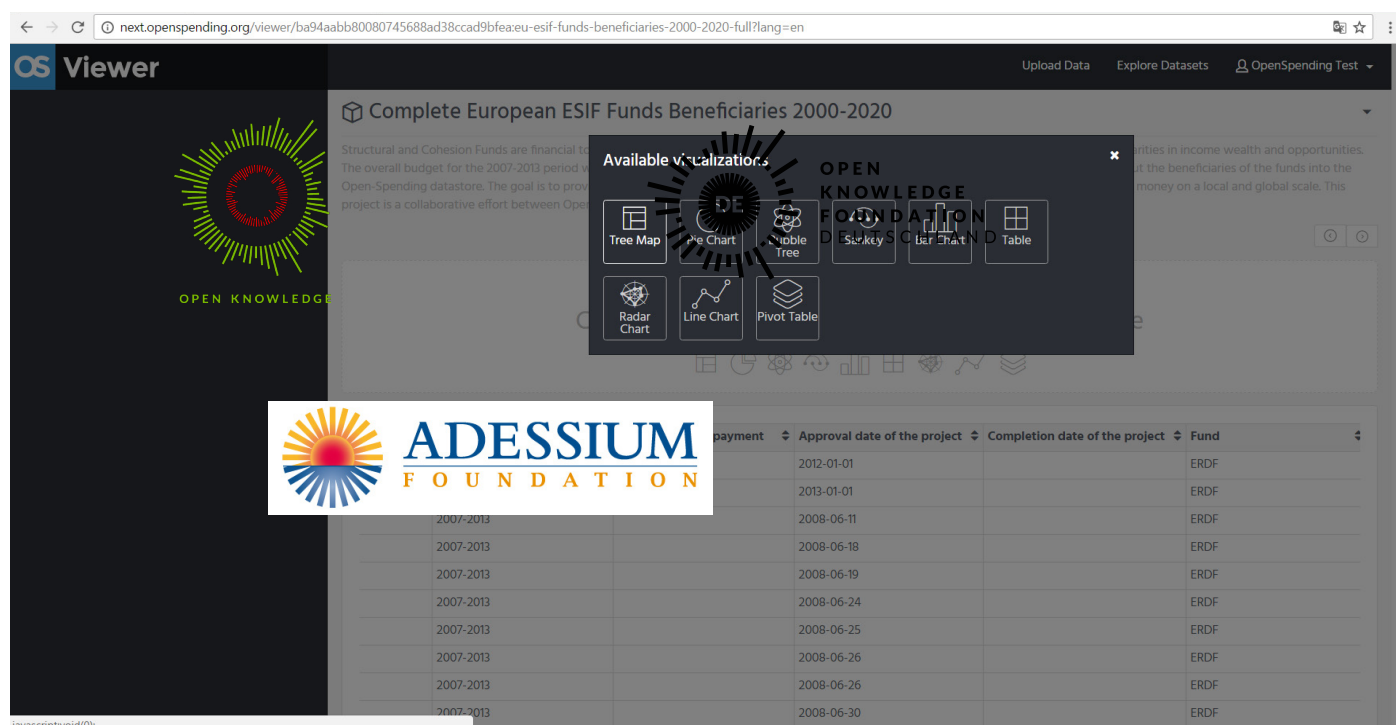
To access our datasets follow this link, which leads you to the OpenSpending viewer.



The screenshot shows the OpenSpending admin interface. On the left is a dark sidebar. The main area displays a list of datasets with columns for dataset name, status, update date, and actions. The datasets listed are:

Dataset Name	Status	Update Date	Actions
Baden-Württemberg 2014-2020 ESF	Private	Updated at 2017/02/02 10:22	Publish, Edit, Delete, Share, Download
Brandenburg 2014-2020 ERDF	Private	Updated at 2017/02/02 10:29	Publish, Edit, Delete, Share, Download
Brandenburg 2014-2020 ESF	Private	One resource / 0 B	Publish, Edit, Delete, Share, Download
CY.Cyprus 2007-2013 ERDF CF	Private	Updated at 2017/02/02 09:31	Publish, Edit, Delete, Share, Download
CZ.Czech 2007-2013 ERDF	Private	Updated at 2017/02/02 10:20	Publish, Edit, Delete, Share, Download
CZ.czech-republic 2014-2020 ERDF	Private	Updated at 2017/02/02 10:20	Publish, Edit, Delete, Share, Download, View
Complete European ESIF Funds Beneficiaries 2000-2020	Private		Publish, Edit, Delete, Share, Download
Cyprus ERDF and CF data 2007-2013	Private	One resource / 0 B	Publish, Edit, Delete, Share, Download
Czech ERDF data 2007-2013	Private	One resource / 0 B	Publish, Edit, Delete, Share, Download
Czech ERDF data 2014-2020	Private	One resource / 0 B	Publish, Edit, Delete, Share, Download
DE1.Baden-Wuerttemberg 2007-2013 ERDF	Private	Updated at 2017/02/02 10:20	Publish, Edit, Delete, Share, Download

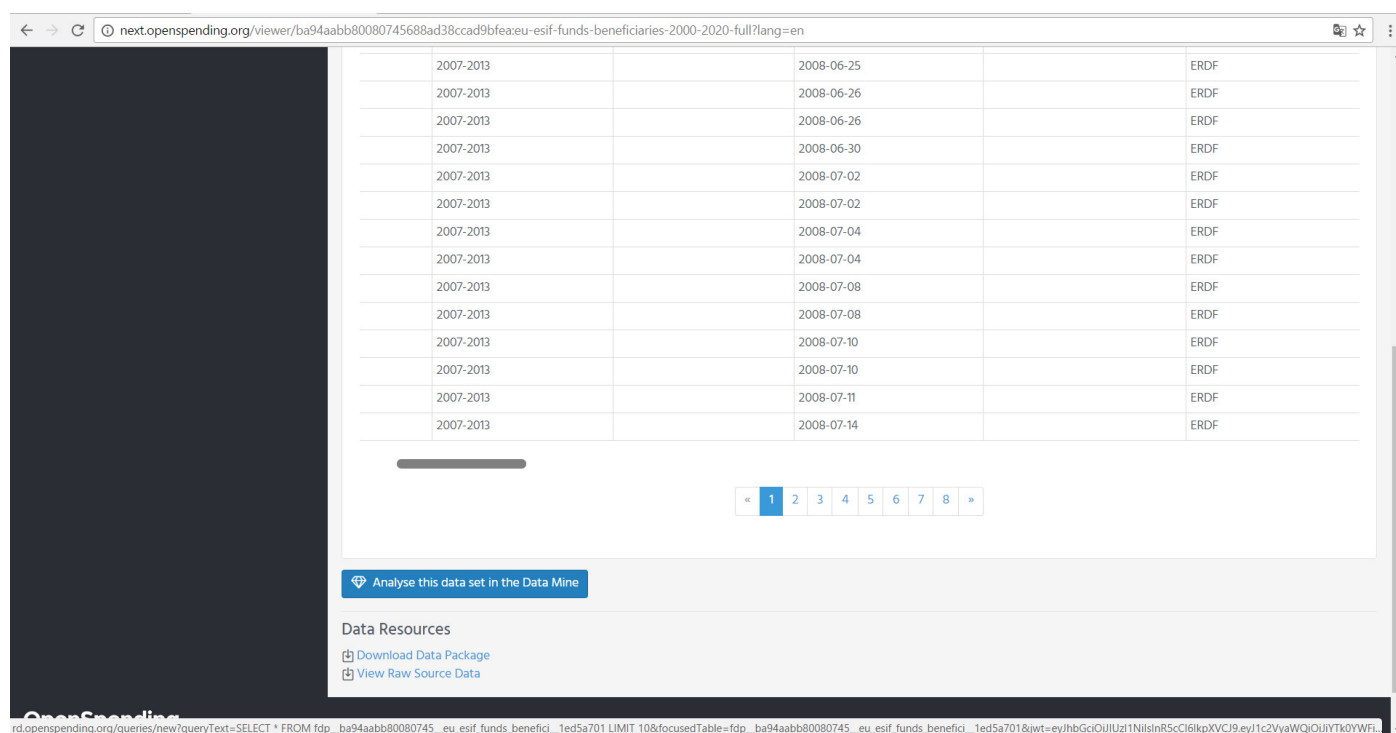
You are automatically logged in to our test account and have access to all our data. The joint dataset is called “Complete European ESIF Funds Beneficiaries 2000-2020” and includes all data. Furthermore, all single country/region datasets are accessible there too. To see an overview on what datasets are available go to the top right corner and click on OpenSpending Test (this is our test account) and then select “profile”. This page offers an overview on the latest version of datasets available. From here on you have to decide how you wish to work with the data. You can view each dataset online by selecting “view” on the right side next to the dataset, which leads you to the next screen.



The screenshot shows the OpenSpending viewer interface. The top bar includes the 'OS Viewer' logo, navigation links for 'Upload Data', 'Explore Datasets', and 'OpenSpending Test'. The main header displays the dataset title 'Complete European ESIF Funds Beneficiaries 2000-2020'. A modal window titled 'Available visualizations' is open, showing options like Tree Map, Pie Chart, Mobile Tree, Radar Chart, Line Chart, Pivot Table, and Table. The background shows a table of data with columns for payment, approval date, completion date, and fund.

payment	Approval date of the project	Completion date of the project	Fund
	2012-01-01		ERDF
	2013-01-01		ERDF
	2008-06-11		ERDF
	2008-06-18		ERDF
	2008-06-19		ERDF
	2008-06-24		ERDF
	2008-06-25		ERDF
	2008-06-26		ERDF
	2008-06-26		ERDF
	2008-06-30		ERDF

A new tab opens up showing the selected dataset - in the top you can choose to work with the visualizations OpenSpending has to offer such as Tree Maps, Bar Charts or Tables. If you scroll down (bottom left) and select to analyse the data in OpenSpending's data mine (a query tool based on SQL).



next.openspending.org/viewer/ba94aabb80080745688ad38ccad9bfea.eu-esif-funds-beneficiaries-2000-2020-full?lang=en

Year	Date	ERDF
2007-2013	2008-06-25	ERDF
2007-2013	2008-06-26	ERDF
2007-2013	2008-06-26	ERDF
2007-2013	2008-06-30	ERDF
2007-2013	2008-07-02	ERDF
2007-2013	2008-07-02	ERDF
2007-2013	2008-07-04	ERDF
2007-2013	2008-07-04	ERDF
2007-2013	2008-07-08	ERDF
2007-2013	2008-07-08	ERDF
2007-2013	2008-07-10	ERDF
2007-2013	2008-07-10	ERDF
2007-2013	2008-07-11	ERDF
2007-2013	2008-07-14	ERDF

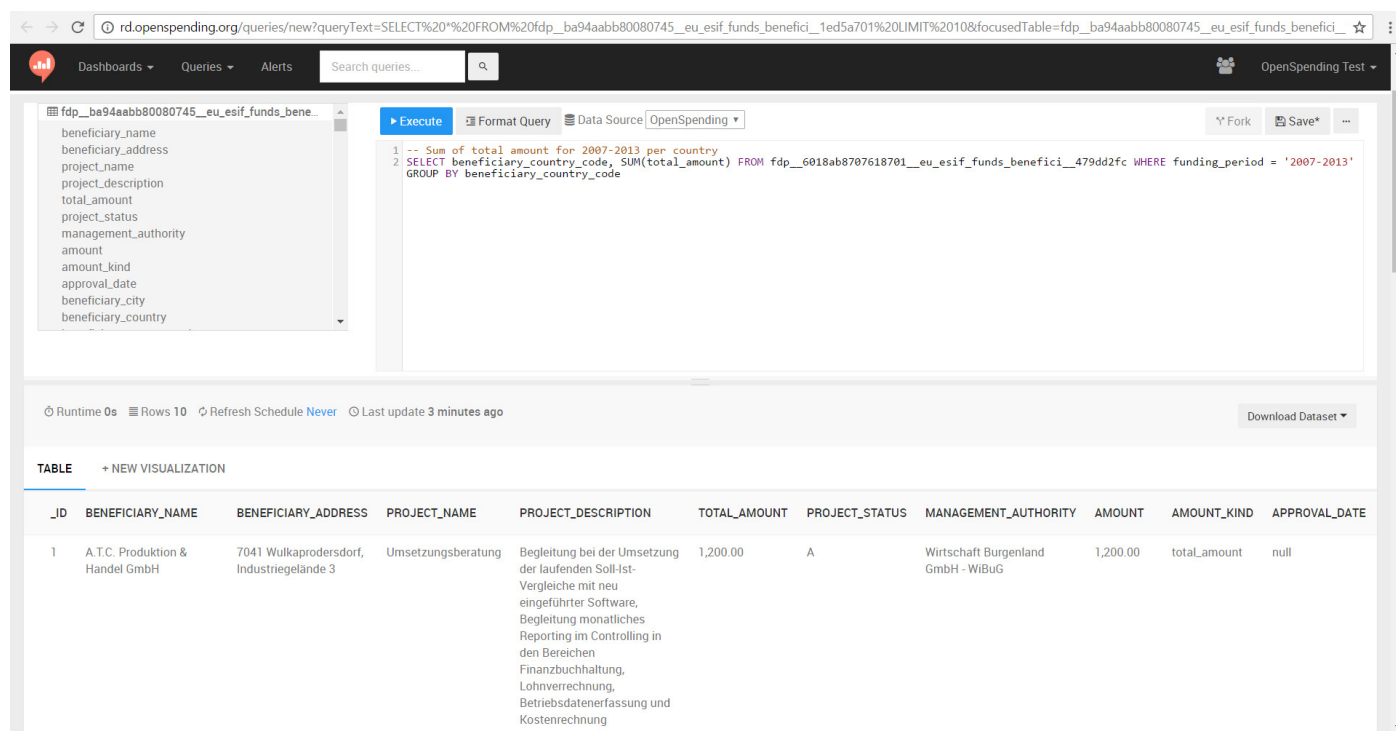
« 1 2 3 4 5 6 7 8 »

[Analyse this data set in the Data Mine](#)

Data Resources

- [Download Data Package](#)
- [View Raw Source Data](#)

SQL queries are helpful to get first insights in large datasets e.g. basic statistics such as average amount per project (as depicted below). A good introductory video for using SQL can be found [here](#).



rd.openspending.org/queries/new?queryText=SELECT%20\*%20FROM%20fdp\_ba94aabb80080745\_eu\_esif\_funds\_beneficiaries\_2000-2020-full%20LIMIT%2010&focusedTable=fdp\_ba94aabb80080745\_eu\_esif\_funds\_beneficiaries\_2000-2020-full

Search queries...

[Execute](#) [Format Query](#) [Data Source](#) OpenSpending

1 -- Sum of total amount for 2007-2013 per country  
 2 SELECT beneficiary\_country\_code, SUM(total\_amount) FROM fdp\_6018ab8707618701\_eu\_esif\_funds\_beneficiaries\_2000-2020-full WHERE funding\_period = '2007-2013' GROUP BY beneficiary\_country\_code

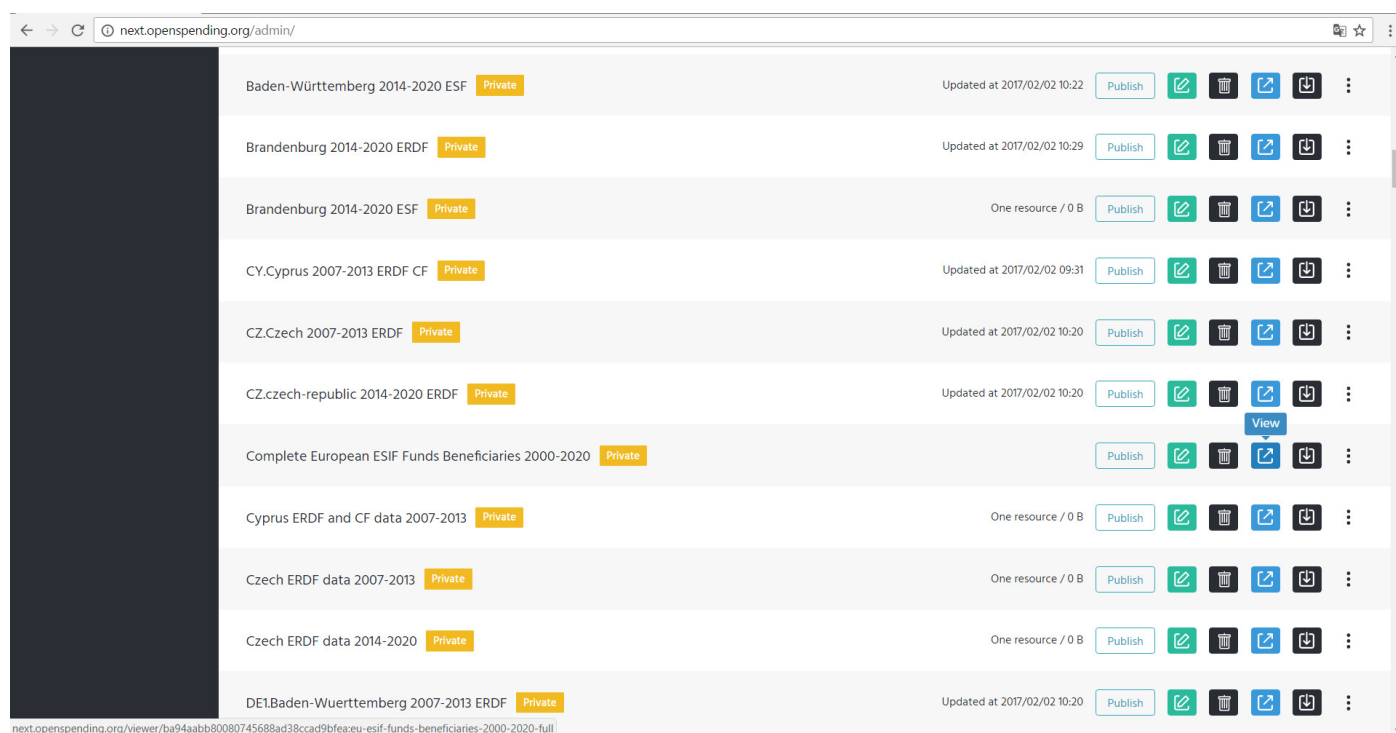
Runtime 0s Rows 10 Refresh Schedule Never Last update 3 minutes ago

[Download Dataset](#)

ID	BENEFICIARY_NAME	BENEFICIARY_ADDRESS	PROJECT_NAME	PROJECT_DESCRIPTION	TOTAL_AMOUNT	PROJECT_STATUS	MANAGEMENT_AUTHORITY	AMOUNT	AMOUNT_KIND	APPROVAL_DATE
1	A.T.C. Produktion & Handel GmbH	7041 Wulkaprodersdorf, Industriegebiete 3	Umsetzungsberatung	Begleitung bei der Umsetzung der laufenden Soll-Ist-Vergleiche mit neu eingeführter Software, Begleitung monatliches Reporting im Controlling in den Bereichen Finanzbuchhaltung, Lohnverrechnung, Betriebsdatenerfassung und Kostenrechnung	1,200.00	A	Wirtschaft Burgenland GmbH - WiBuG	1,200.00	totalAmount	null

However, for doing more in depth analysis downloading the dataset might be advisable. You can do this in the first overview by selecting "download" instead of "view". Choose "raw source data" and you will get a CSV containing all the data. You can open the data with Excel, OpenOffice, LibreOffice or Google Sheets and use the programs filtering and search options to navigate the data. Excel is known

to have some trouble with CSV files, but the other listed programs are free and enable you to navigate the data nicely.



The screenshot shows the 'next.openspending.org/admin/' web interface. It features a table of data resources, each with a title, a 'Private' status tag, an update timestamp, and a set of action buttons (Publish, Edit, Delete, Share, Download, and a menu). The resources listed include data for Baden-Württemberg, Brandenburg, Cyprus, Czech Republic, and Complete European ESIF Funds Beneficiaries. A 'View' button is highlighted over the 'CZ.czech-republic 2014-2020 ERDF' entry. The browser's address bar and navigation icons are visible at the top.

Resource Name	Status	Updated at	Actions
Baden-Württemberg 2014-2020 ESF	Private	Updated at 2017/02/02 10:22	Publish, Edit, Delete, Share, Download, Menu
Brandenburg 2014-2020 ERDF	Private	Updated at 2017/02/02 10:29	Publish, Edit, Delete, Share, Download, Menu
Brandenburg 2014-2020 ESF	Private	One resource / 0 B	Publish, Edit, Delete, Share, Download, Menu
CY.Cyprus 2007-2013 ERDF CF	Private	Updated at 2017/02/02 09:31	Publish, Edit, Delete, Share, Download, Menu
CZ.Czech 2007-2013 ERDF	Private	Updated at 2017/02/02 10:20	Publish, Edit, Delete, Share, Download, Menu
CZ.czech-republic 2014-2020 ERDF	Private	Updated at 2017/02/02 10:20	Publish, Edit, Delete, Share, Download, Menu, View
Complete European ESIF Funds Beneficiaries 2000-2020	Private		Publish, Edit, Delete, Share, Download, Menu
Cyprus ERDF and CF data 2007-2013	Private	One resource / 0 B	Publish, Edit, Delete, Share, Download, Menu
Czech ERDF data 2007-2013	Private	One resource / 0 B	Publish, Edit, Delete, Share, Download, Menu
Czech ERDF data 2014-2020	Private	One resource / 0 B	Publish, Edit, Delete, Share, Download, Menu
DE1.Baden-Wuerttemberg 2007-2013 ERDF	Private	Updated at 2017/02/02 10:20	Publish, Edit, Delete, Share, Download, Menu

Also consider Github was used for collecting all the data. By selecting “data” you will see an overview of all EU countries and can further select the country, region and time period you are looking for. In the “source.description.yaml” files there is often more information on where the data was originally found and especially how it was ‘mapped’. Feel free to use any of this additional information especially if you are finding certain amounts questionable or think something was mapped incorrectly. If you cannot find any information on the source in the yaml-file - check the “Issues” section and just type in the name of the country you are looking for like “Slovenia” - just be aware that issues can be closed and open.