

OpenBudgets.eu: Fighting Corruption with Fiscal Transparency

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Dissemination Report OpenBudgets.eu

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Abstract: This deliverable documents the dissemination activities during M12-M36 of the Open Budgets project. It builds upon the indicators and measurements developed in the communication strategy (deliverable 8.2) and evaluates the different dissemination activities and channels.

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Executive Summary

This report represents the final part of deliverable 8.4, Final Dissemination Report, Doc, & Learning Materials' of the project “OpenBudgets.eu: Fighting Corruption with Fiscal Transparency”. It builds upon the annual dissemination report and documents the dissemination activities carried out as well as their impact with regard to the specific goals the project has been designed to address.

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1 Introduction

This report represents the final review of the dissemination activities carried out throughout the duration of the Horizon2020-funded project OpenBudgets. A number of dissemination channels, materials, and strategies have been created to ensure the thorough promotion of the project. To measure their success, several communication goals were developed in the communication strategy (D8.2) that were then translated into target numbers.

While documenting the individual achievements with regard to the target numbers and goals set out in the communication strategy, this report also is intended to capture the impact and added value from those activities from the perspective of the key stakeholder groups identified throughout the project. Therefore, the structure of this report has been adapted to present dissemination activities in their relation to the achievement of the project goals, rather than listing each communication channel individually.

It begins with an explanation of its purpose and moves on to a description of the website redesign, as it is the most important dissemination instrument available and represents the final platform design and the rationale behind it. The next section approaches the four project goals one by one and documents how the channels, materials and activities have contributed to reaching them. Starting with the target numbers, each goal is presented alongside key achievements and data, followed by reflective comments.

Concluding remarks for the entirety of the dissemination strategy, its course, effects, and outcome are added at the end of the report. Overall, the report shows that all dissemination indicator targets have been reached, thus confirming the planning and execution of the communication and dissemination efforts set out in D8.2, ‘Dissemination strategy, materials, press rel. & testimonials’, documented in D8.1, ‘Fact sheet & continuously updated website, social media’ and D8.6, ‘Exploitation Impact Report’, and adapted in the first annual version of this report, D8.4, ‘Annual & Final dissemination report, doc, & learning materials’.

2 Purpose

As mentioned in the annual dissemination report, the indicators and measures for dissemination efforts in this report are based on actions delivering messages and materials targeted at audiences derived from communication goals that in turn have been derived from four main project goals. For the full description of how the indicators and measures were developed, consult deliverable 8.2. For the sake of convenience, a summary of the process that was used to arrive at the measures this report is given below.

The dissemination efforts measured in this report are based on four project goals that have been set out in D8.2. The four goals are:

- (1) Facilitate Access to Fiscal Data in order to encourage private and journalistic use, increase fiscal transparency, and introduce participatory budgeting
- (2) Acknowledgement of the project and the set standard by the scientific (linked data) and fiscal transparency community.
- (3) Promotion of the Openbudgets solution and market infiltration
- (4) OpenBudgets Portal Training

From these four project goals, the following communication goals have been derived:

- Advocate for the publication of budget and spending data with public officials and bodies.
- Show how the Open Budgets platform will facilitate access to financial data to target groups such as investigative journalists, advocacy NGOs, civil society organizations.
- Communicate about the project and its progress
- Communicate the development of standards for budget and spending data to the semantic web community and to the financial/fiscal transparency community.
- Promote the tools, services and SaaS in OpenBudgets.eu to public officials.
- Develop and disseminate training material

These communication goals have then been used to derive concrete actions with corresponding messages, audiences, and channels. For this final report, these actions are linked back to the project goals they were meant to fulfil. Through this thematic presentation of dissemination efforts a more coherent picture is created that sheds light on outcomes, benefits, and key lessons learned.

Based on the structure set out above, the following concrete actions have been derived and quantified (their adaptation has been documented in the annual dissemination report):

Table 1: Project Goals, Targets, Concrete Actions, Original Measures

Project Goals	Targets set in D8.2	Concrete Action	Measure
7.1 a Facilitate Access to Fiscal Data for Private and Journalistic Use, Increasing fiscal transparency, Introducing participatory budgeting	Collect policy maker contacts	- Newsletter - Regular Meetings - Visit Conferences on Government and Open Data (such as the OGP) and Government and ICT	500 - 1000
	Number and quality of liaisons with groups of stakeholders	- Regular meetings with public officials /policy officers at EU-level (part of WP 6), regional level, and local level (part of WP 7 and 8) - Organize workshops for Public Officials, Journalists, NGOs and CSOs - Stakeholder Meetings	30 - 100
	Number of activities organized	- Workshops and tutorials for journalists and NGO workers on working with budget and spending data - Organize UX workshops targeted at public officials - Organize workshops and training around the platform - Organize webinars and AMA sessions with relevant actors around Open Budgets such as public officials. - Webinars around the portal open budgets - Organize workshops for Public Officials, Journalists, NGOs and CSOs	20 - 40
7.1 b Acknowledgement of the project and set standard by the scientific (linked data) and financial communities	Activity and quality of discussion in different community mailing lists	Facilitate Stakeholder discussions online in the Open Spending forum and the Open Spending mailing list - Actively participate in the FtM community and similar platforms - Public/Online discussions around the (development of) standards	10 - 20
	Participation in international events	Visit conferences on: - Government and Open Data (such as the OGP) - Government and ICT - Civic Tech & Data Journalism - Anti-Corruption and Fiscal Transparency - Academic conferences the Semantic Web - Organize Workshops with International Scope	15 - 30
	Number of publications published at workshops/conferences/journals	Outside of the scope of this communication strategy	10 - 30
	Number of standards introduced	Public/Online discussions around the (development of) standards The development and introduction of standards itself is outside of the scope of this communication strategy	3 - 5
	Social Media coverage (all visits and views to all possible channels)	Online presences concentrated around the website - Publish or link to interesting Articles, -- Blogs and Resources on the website - Streaming on Social Media	25.000 - 50.000
7.1 c Promotion of the Openbudgets solution and market infiltration	Number of people regularly using the portals, tools, and services	Promotion Campaigns (online) at peak moments: after the launch of the beta version and at the launch of the full version Target elaborated upon in Exploitation Plan	300.000 - 600.000
	Number of Press Releases	- Press Release - Newsletter - Publications (print and online media)	10 - 50
	Traffic generated through online advert campaigns	Outside of the scope of the communication strategy: exploitation plan	1M - 1.5M
7.1 d OpenBudgets Portal Training	Number of successfully-managed support requests	Outside of the scope of the communication strategy	5000 - 10000
	Number of webinars participants or viewers	- Organize webinars and AMA sessions with relevant actors around Open Budgets such as public officials. - Webinars around the portal open budgets	3000 - 6000
	Number of views generated for the online screencasts, manuals, and tutorials online	- Handbook for journalists on data, budgets, and anticorruption research - Infographics depicting budget processes - Manuals, screencasts, and tutorials for the tools developed - Demonstrators of the tools - FAQ lists	10.000 - 30.000

3 Methodology

3.1 Tracker & Dashboard

The tracker and dashboard developed specifically for the project (described in detail in the annual dissemination report) has been used continuously to track and monitor the activities of all partners.

Figure 1: Dissemination dashboard (please note: numbers are not final)

	Total # of Outreach & Dissemination activities	..of those, self-organised:	Indicators	Target	Actual	Target reached
Activities	555	240	Collect policy maker contacts	500 - 1000	778	Yes
Workshops:	41	17	Number and quality of liaisons with groups of stakeholders	30 - 100	250	Yes
Meetings:	209	206	Number of activities organized (Workshops, Webinars, Tutorials)	20 - 40	36	Yes
Conferences:	61	2	Activity and quality of discussion in different community mailing lists	20 - 40 (prev. 10 - 20)	34	Yes
Presentations:	37		Participation in international events	25 - 50 (prev. 15 - 30)	139	Yes
Webinars:	13	13	Number of publications published at workshops/conferences/journals	10-30	30	Yes
Round-table discussions:	12		Number of standards introduced	3 - 5	4	Yes
Press-releases:	24		Social Media coverage (all visits and views to a page)	250,000 (prev. 25.000-50.000)	387101	Yes
Interviews:	13		Number of people regularly using the portals, tools, and services	300.000 - 600.000	408516	Yes
Articles:	31		Number of Press Releases	10 - 50	24	Yes
Publications:	30		Traffic generated through online ad campaign	1M - 1.5M	1059018	Yes
Online-discussions:	34		Number of successfully-managed support requests	5000 - 10000	5500	Yes
Manuals/Tutorials/Screencast	44		Number of webinar participants/viewers	3000 - 6000	3170	Yes
Hackathon/Datathon	6	2	Number of views generated for the online screencasts, manuals and tutorials online	10000 - 30000	13089	Yes
Streaming	Count	Date				
Newsletter contacts	106	15.10.2017	Total Contact Base for Outreach:	Total number of impressions generated:		
Newsletter views	99	15.10.2017	884	1,871K		
Website total visitors	13151	Updated Daily				
Website unique visitors	12054	Updated Daily				
Website total views	44283	Updated Daily				
Soc. media streaming (Twitter)	340890	15.10.2017				
Soc. media streaming (YouTube)	1928	15.10.2017				
Views Manuals/Tutorials/Screencast	11,161					
Tools, portals, services	408516	15.10.2017				
Webinar views	3170					

The dashboard draws upon a number of data resources, including manual entries by the consortium partners, Google, Twitter, and other social media Analytics data, as well as manually added data surveyed from different sources. The dashboard has been used as a valuable resource to monitor, steer, and analyse the dissemination efforts carried out by the whole consortium. It has been updated with slight modifications, such as color spectrum indicator to represent the progress of reaching each target.

4 Dissemination Materials & Redesign

The dissemination materials created for the project have been documented in the annual dissemination report. For the sake of avoiding repetition, only the additionally developed materials are documented below.

4.1 Logo

The OpenBudgets Logo has been updated in accordance with the website redesign (see Section 3.3).

Figure 2: OpenBudgets Logo



Downloads:

Logo in .png format:

<http://openbudgets.eu/assets/materials/openbudgets-logo-new.png>

Logo in vector format:

<http://openbudgets.eu/assets/materials/openbudgets-logo-new.eps>

4.2 Tool-specific fact-sheets & flyers:

Upon the development of the individual tools and services of the OpenBudgets platform, new, individual fact-sheets have been developed to target specific user groups of those tools. These documents feature information on the project as a whole and add screenshots and descriptions of the tools. They have been centrally disseminated using the project communication channels (individual blogposts, social media, etc.) and have additionally been distributed to the partners to spread in their networks. Translations have been integrated on a per-request basis, e.g. with all of the descriptions translated into Greek. They can be downloaded on the tool selection screen (see section on redesign below).

Figure 3: Individual Fact-Sheets, see Appendix XI for more

The figure displays a grid of 10 fact-sheets, each representing a different tool developed within the OpenBudgets project. The tools are:

- Tool Alignment**: A fact-sheet for the Alignment tool, which helps users align their budget with international standards like the Paris Agreement and SDGs.
- Tool Participatory Budgeting Platform**: A fact-sheet for the Participatory Budgeting Platform, designed for public participation in budgeting processes.
- Tool Cooking Budgets**: A fact-sheet for the Cooking Budgets tool, which provides a platform for citizens to propose and vote on budget items.
- Fiscal Data Mining Tools**: A fact-sheet for the Fisical Data Mining Tools, which include tools for budget analysis and forecasting.
- Tool Indigo**: A fact-sheet for the Indigo tool, which applies different data processing functions to fiscal data.
- Tool Key Performance Indicators (KPI)**: A fact-sheet for the KPI tool, which measures performance against set benchmarks.
- Tool LinkerPipes ETL**: A fact-sheet for the LinkerPipes ETL tool, which integrates data from various sources.
- Microsite**: A fact-sheet for the Microsite tool, which provides a platform for citizens to engage with local governments.
- Open Spending**: A fact-sheet for the Open Spending tool, which tracks government spending透明度.
- Tool RDFBrowser**: A fact-sheet for the RDFBrowser tool, which allows users to explore semantic data.

Each fact-sheet includes a brief description of the tool's purpose, its features, and a screenshot of the tool's interface. The bottom of each fact-sheet contains a note indicating it was funded by the European Union's H2020 research and innovation programme under grant agreement No 645263.

The individual tool-specific fact-sheets have provided ways for each partner to highlight their achievements while promoting the platform as a whole, to target specific stakeholder groups, and to show the depth of the OpenBudgets platform through highlighting its components.

4.3 Website & Re-design

<http://openbudgets.eu> / <http://openbudgets.eu/blog/>

The project's website has been established in the summer 2015 with the official launch on October 28, 2015. Information on its basic components and functions are laid out in the [annual dissemination report¹](#). The blog has been continuously used to post news and updates relevant to project, with a total of 50 blogposts since the inception of the project (See Appendix XVI). The website has received a major redesign accompanying the final platform launch in 2017.

The reasoning behind the redesign has been to construct a clear, coherent, and accessible representation of the tools and output delivered by the project with regard to the specific use cases thereof. The general design language has been adapted to a more modern and sleek look to express the contemporary nature and state-of-the-art architecture of the OpenBudgets platform. As the prime tool to disseminate the project's results, it is described in detail below.

Landing page

The landing page directly invites the visitor to specify the individual use case. The use cases that have been selected (Government Agency, Data Wrangler, Journalist) as entry points to the platform contents are based on the insights developed throughout the project.

Figure 4: Landing page use-case selection



ARE YOU A GOVERNMENT AGENCY?

Upload, package, and visualise your dataset, and embed it on your website using the Microsite. Present your progress using Key Performance Indicators or learn about how to implement participatory budgeting.

ARE YOU A DATA WRANGLER?

Apply a wide range of tools to your fiscal dataset and explore new ways to gain insight. Feel Confident? Build your own pipelines and explore the depths of your linked dataset.

ARE YOU A JOURNALIST?

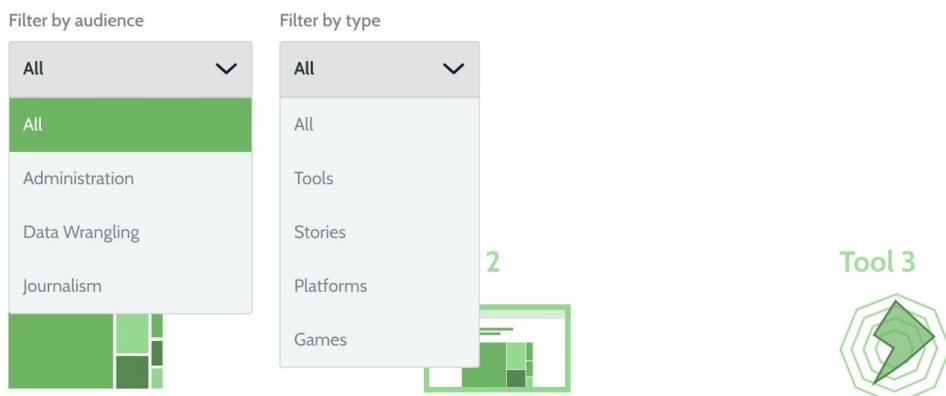
View our catalogue of journalistic investigations into the realm of fiscal data, discover a series of tools made to illustrate corruption techniques, and test your guessing skills in a gamified environment.

Toolbox

Upon selecting a use case, the user is forwarded to the toolbox, a section that has been added to the website to host the individual components of the platform. Which tools are displayed at first depends on the use case selected, whereas the user can at any time switch to another use case or decide to view all tools.

¹ <http://openbudgets.eu/assets/deliverables/D8.4.pdf>

Figure 5: Toolbox selection



Visualize your data set and embed it on your website

Here you can upload your fiscal dataset. After you have described each column, you can produce instant visualisations to share with your electorate.

GO TO EXPLORER AND CLICK 'VIEW'
[More Information](#)

Embed the Microsite on your website

If you want to go beyond embedding individual visualizations on your website, you can implement the microsite – a slimmed down, lightweight version of the dataset viewer, that you can easily control using an admin interface.

START THE TOOL
[More Information](#)

Showcase the performance of your city

Using Key Performance Indicators, you can showcase the performance of your city or municipality.

START THE TOOL
[watch demo](#)

The function and design of the individual tools is documented in the corresponding deliverables. To avoid repetition and to stay within reasonable limits of length and depth for this report, the tools themselves will here only be presented in their relation to the use cases.

Government Agencies: <http://openbudgets.eu/tools/#filter=.audience-administration>
 Government agencies and administrations are the data producers and main beneficiaries of the category of easy-to-use budget and spending data visualisation and analysis tools. The tools highlighted for their use case are: Explorer, Viewer, Microsite, Participatory Budgeting Platform, and KPI (Key Performance Indicators).

Data Wranglers: <http://openbudgets.eu/tools/#filter=.audience-data-wrangling>

The use case ‘Data wranglers’ is a synonym for linked data and domain experts, data scientists, and researchers. This target group possesses expert knowledge and has highly specific use-cases such as building pipelines to source and transform data from one location and format to another, e.g. from a flat file format such as .csv to a linked data one such as RDF (resource description framework). The tools intended specifically for this target group are Data Mining Tool Collection, ETL Pipelines, RDFBrowser, Alignment, and SubsidyStories.

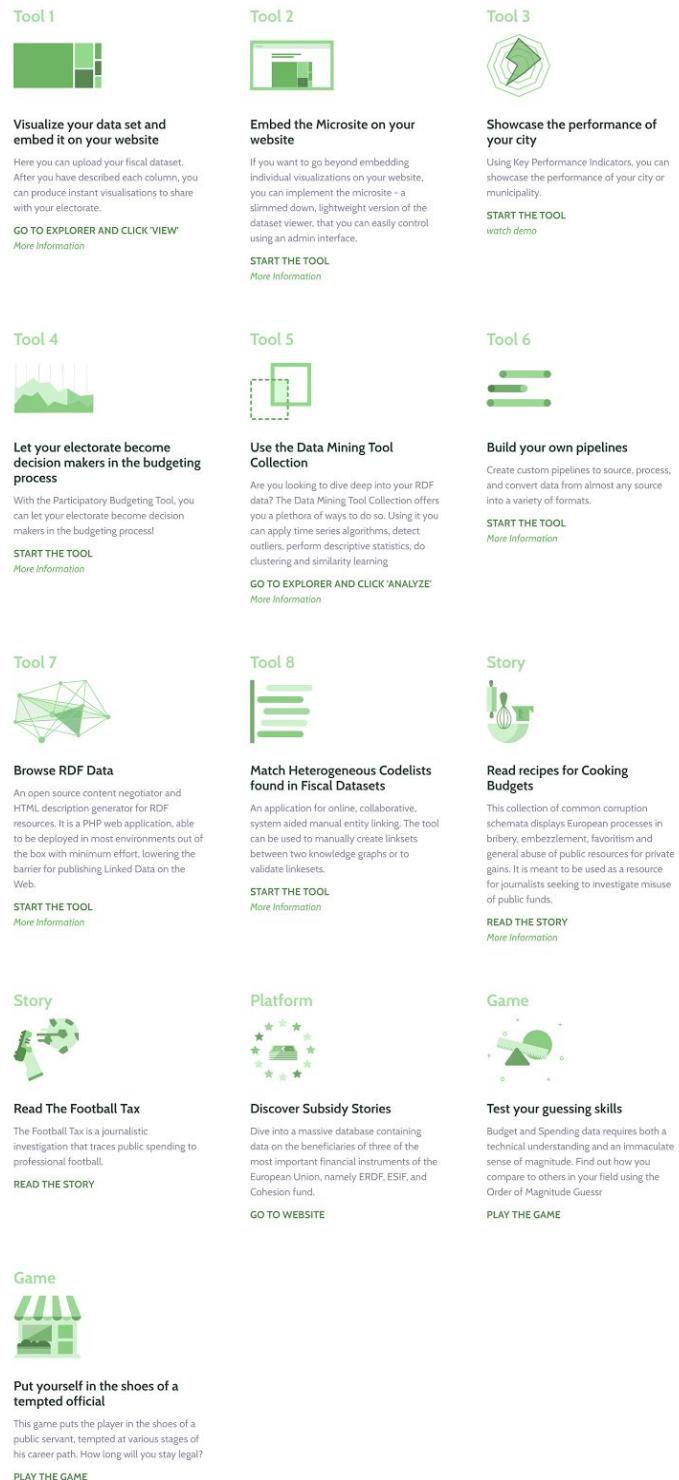
Journalists: <http://openbudgets.eu/tools/#filter=.audience-journalism>

Journalists are the third main target group as they are the communicators and mediators of budget-and-spending-data related issues to the general public. They are multipliers that help

to translate investigations into complex budget and spending data-related issues for consumption by the wider public.

While members of civil society organisations are not distinctly mentioned, they are implicitly included as experience has shown that most CSOs working with budget data fall under one of the three categories due to the specific projects they are working on.

Figure 6: Screenshot of Toolbox (complete)



The toolbox view (Figure 6) invites the user to discover the different aspects, use-cases, and functions of the platform. The icons serve as recognizable identifiers and are derived from functions of the individual tools.

Every tool presentation consists of an icon, a title that describes the function and acts as a call to action (e.g. 'let your electorate become decision makers in the budgeting process'), a short introductory text, a link to the tool, a link to the tool description presented above, and, if available, other resources such as screencasts.

The sorting function shown above allows stakeholders to go beyond their own use-case in order to explore other options, while maintaining a way to specify and find the appropriate tool for individual applications.

The tool selection screen has proven as a powerful way to retain clarity while serving a wide and diverse spectrum of use-cases, from highly specialised data-analytics tasks to playful introductory tools such as 'Put yourself in the shoes of a public official'.

Menu Structure

Apart from the Toolbox, the top navigation menu contains four other menu points.

Figure 7: Website menu structure



'Upload' leads the user to a selection screen with a choice between 'Linkedpipes ETL' and 'OpenSpending Packager'.

Figure 8: Upload type selection

Upload Data

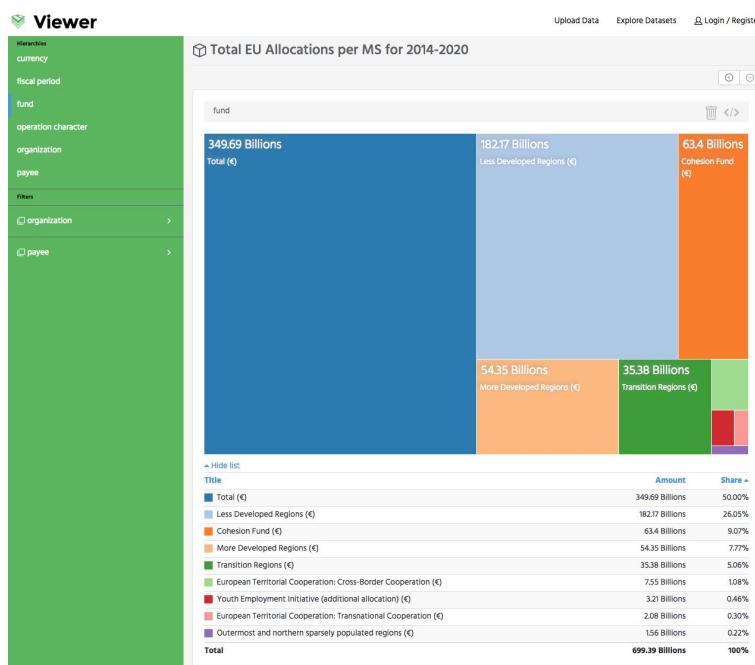
Select the way you want to upload your data to OpenBudgets.eu

[LinkedPipes](#) [OpenSpending Packager](#)

LinkedPipes allows for the creation of specialised data pipelines and is an option for advanced users. The OpenSpending Packager is a guided upload procedure that is based on the OpenSpending upload process. Using either of the two methods, the user can feed data into the system that can then be visualised in the 'Explore' menu item.

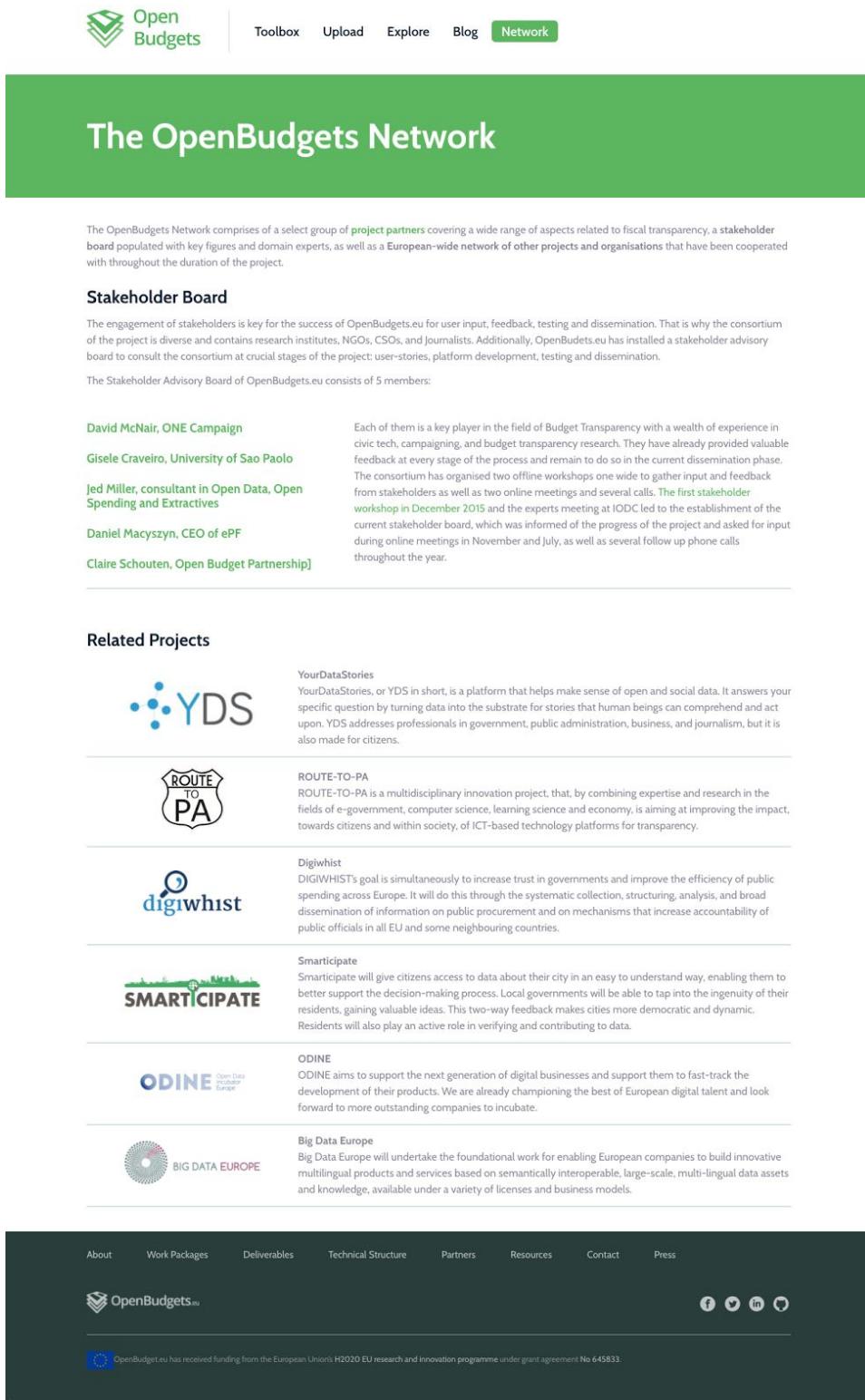
'Explore' leads the user to the database of uploaded budget datasets. From there, the user can choose to search, 'View' or 'Analyse' a dataset. 'View' leads to a view that allows for instant creation of one-click visualisations that can be customised and embedded (Figure 9).

Figure 9: Example of visualisation using 'Explore'



Apart from the blog, the last menu item is ‘Network’. This section has been created to present the members of the OpenBudgets stakeholder board as well as associated projects. The collaboration with the network has been an important stepping stone to share experiences, and will be discussed in more detail below.

Figure 10: Network page



The screenshot shows the 'Network' page of the OpenBudgets website. At the top, there is a navigation bar with the OpenBudgets logo, followed by links for 'Toolbox', 'Upload', 'Explore', 'Blog', and 'Network'. The 'Network' link is highlighted with a green background. Below the navigation bar, a large green header box contains the title 'The OpenBudgets Network' in white. The main content area starts with a paragraph about the OpenBudgets Network, mentioning project partners, a stakeholder board, and a European-wide network. This is followed by a section titled 'Stakeholder Board' with a detailed description of its purpose and composition. A list of five key stakeholders is provided, each with a brief biography. Below this, there is a section titled 'Related Projects' featuring logos and brief descriptions of six associated projects: YourDataStories, ROUTE-TO-PA, digiwhist, SMARTCIPATE, ODINE, and Big Data Europe.

Usage Data

Below are the usage numbers for the website as of **October 15th, 2017**:

Figure 11: Final website usage data



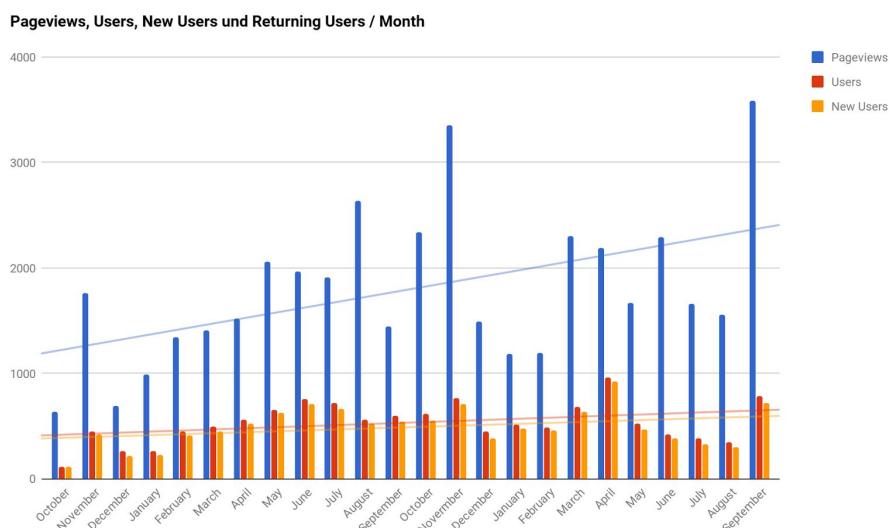
For comparison, here are the numbers as of **March 30th, 2016**:

Figure 12: Website usage data 2016



As can be seen from Figure 12 above, in the 18 months since the annual dissemination report, a 6 to 7-fold increase can be observed in terms of sessions, users, and page views. Blogposts, manuals and tutorials, as well as journalistic investigations have continued to be the most popular items on the website, proving that the content delivered resonated with the content demanded by the users. While the website usage will again be discussed in Section 5.4, some more general remarks to its usage follow below.

Figure 13: Pageviews, users, and returning users / month



The website has generally experienced steady growth, as can be seen from the trendline in Figure 13. The data shows key project events clearly: the website launch and stakeholder workshop in November 2015, the prototype launch in November 2016, and the platform ad campaign in September 2017. These moments of high traffic are followed by short periods of low traffic, which is a normal phenomenon that relates to a saturation of interest after peak moments of attention. It also shows the holiday season in the end/beginning of the year to be a period with low traffic. The first half of 2017 was the timeframe in which much of the integration work and the development of the redesign was done, with a lot of work happening within the project to improve and prepare for the campaign in September later that year. This has lead to a somewhat lower traffic during that time, which reversed upon the campaign launch.

The website redesign has made it possible to integrate a large and (in terms of prospective users) diverse body of work into a coherent platform. The modern design helps to denote the state-of-the-art character of the tools, while preserving a clean and fresh appearance. Rather than merging the created tools into one potentially overwhelming product, the platform organises the tools according to use-cases, thus categorising them into thematic clusters. Thereby, a balance has been struck between the idea of serving diverse purposes while maintaining a unified presence. Usage data shows key moments in the project's development, with the data peaking at the launch campaign in September 2017.

5 Data, Analysis, Findings & Discussion

5.1 Overview

Below you can find an overview of the final results of the dissemination efforts by all partners throughout the project. In the next section, the four project goals set out in the beginning of the project are taken up again and key events, activities and highlights are shown that have had a substantial impact on the achievements of these goals.

Table 2: Dissemination Tracker Results (Overview)

	Total # of Outreach & Dissemination activities	..of those, self-organised:
Activities	555	240
Workshops:	41	17
Meetings:	209	206
Conferences:	61	2
Presentations:	37	
Webinars:	13	13
Round-table discussions:	12	
Press-releases:	24	

Interviews:	13	
Articles:	31	
Publications:	30	
Online-discussions:	34	
Manuals/Tutorials/Screencasts/Handbooks:	44	
Hackathon/Datathon	6	2
Streaming	Count	Date
Newsletter contacts	106	15.10.2017
Newsletter views	99	15.10.2017
Website total visitors	13151	Updated Daily
Website unique visitors	12054	Updated Daily
Website total views	44283	Updated Daily
Soc. media streaming (Twitter impressions)	340890	15.10.2017
Soc. media streaming (Youtube viewcount)	1928	15.10.2017
Views Manuals/Tutorials/Screencasts/Handbooks:	11,161	
Tools, portals, services	408516	15.10.2017

These numbers translate as follows when compared to the targets and indicators set out in the description of work:

Table 3: Indicators and Tracker Results

Indicators	Target	Actual	Target reached?
Collect policy maker contacts	500 - 1000	778	Yes
Number and quality of liaisons with groups of stakeholders	30 - 100	250	Yes
Number of activities organized (Workshops, Webinars, Tutorials)	20 - 40	36	Yes
Activity and quality of discussion in different community mailing lists	20 - 40 (prev. 10 - 20)	34	Yes
Participation in international events	25 - 50 (prev. 15 - 30)	139	Yes
Number of publications published at workshops/conferences/journals	10-30	30	Yes
Number of standards introduced	3 - 5	4	Yes
Social Media coverage (all visits and views to all possible channels) 25.000 - 50.000	250,000 (prev. 25.000-50.000)	387101	Yes
Number of people regularly using the portals, tools, and services	300.000 - 600.000	408516	Yes

Number of Press Releases	10 - 50	24	Yes
Traffic generated through online ad campaign	1M - 1.5M	1059018	Yes
Number of successfully-managed support requests	5000 - 10000	5500	Yes
Number of webinar participants/viewers	3000 - 6000	3170	Yes
Number of views generated for the online screencasts, manuals and tutorials online	10000 - 30000	13089	Yes

In the next four sections, the collected data will be put into relation with the project goals that were set out to be fulfilled during the offset of the project.

5.2 Project Goal I: Facilitate Access to Fiscal Data for Private and Journalistic Use, Increasing fiscal transparency, Introducing participatory budgeting

The promotion of fiscal transparency, budget data, and participatory budgeting techniques has been a key prospect of this project. Through the collection of policy maker contacts, the continuous build-up of quality liaisons with relevant groups of stakeholders, and the organisation of workshop and outreach activities, a large stakeholder base has been created and used. Below, the communication activities related to this project goal are reviewed through highlighting key achievements.

All target numbers for this activity have been reached:

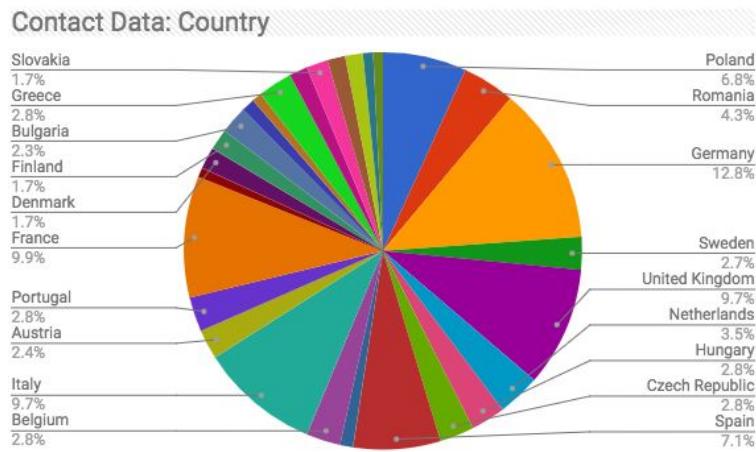
Table 4: Indicators and Tracker Results Goal I

Collect policy maker contacts	500 - 1000	778
Number and quality of liaisons with groups of stakeholders	30 - 100	250
Number of activities organized (Workshops, Webinars, Tutorials)	20 - 40	36

Collect Policy Maker Contacts & Quality Liaisons with Stakeholders (Appendix I)

Through continuous and regular meetings with stakeholders including high-profile actors from the field of fiscal transparency in the OpenBudgets stakeholder board and European and EU policy makers, the latter in large parts organised by Transparency International EU Office, quality liaisons to stakeholders have been established. The resulting contact database includes policy makers from all major parties represented in the European Parliament. The wide spread of origin countries of the contacts is alluded to in Figure 14. The actual contact details will not be shared here due to reasons of privacy and confidentiality. It is important to note that the tracked contacts are not representative of the total number of contacts available to the consortium, only policy maker contacts have been tracked separately due to the fact they were a dissemination target.

Figure 14: Contact database origin country spread



The number of individual party members in the contact database is outlined in Figure 15. The ongoing and continuous engagement has lead to valuable input for the platform and for campaigns, such as the 'MEPs expenses' campaign executed by OpenBudgets consortium partner Transparency International EU Office. The campaign has had far-reaching impact on an international level, as can be seen from a sample of media coverage, in table 5 below.

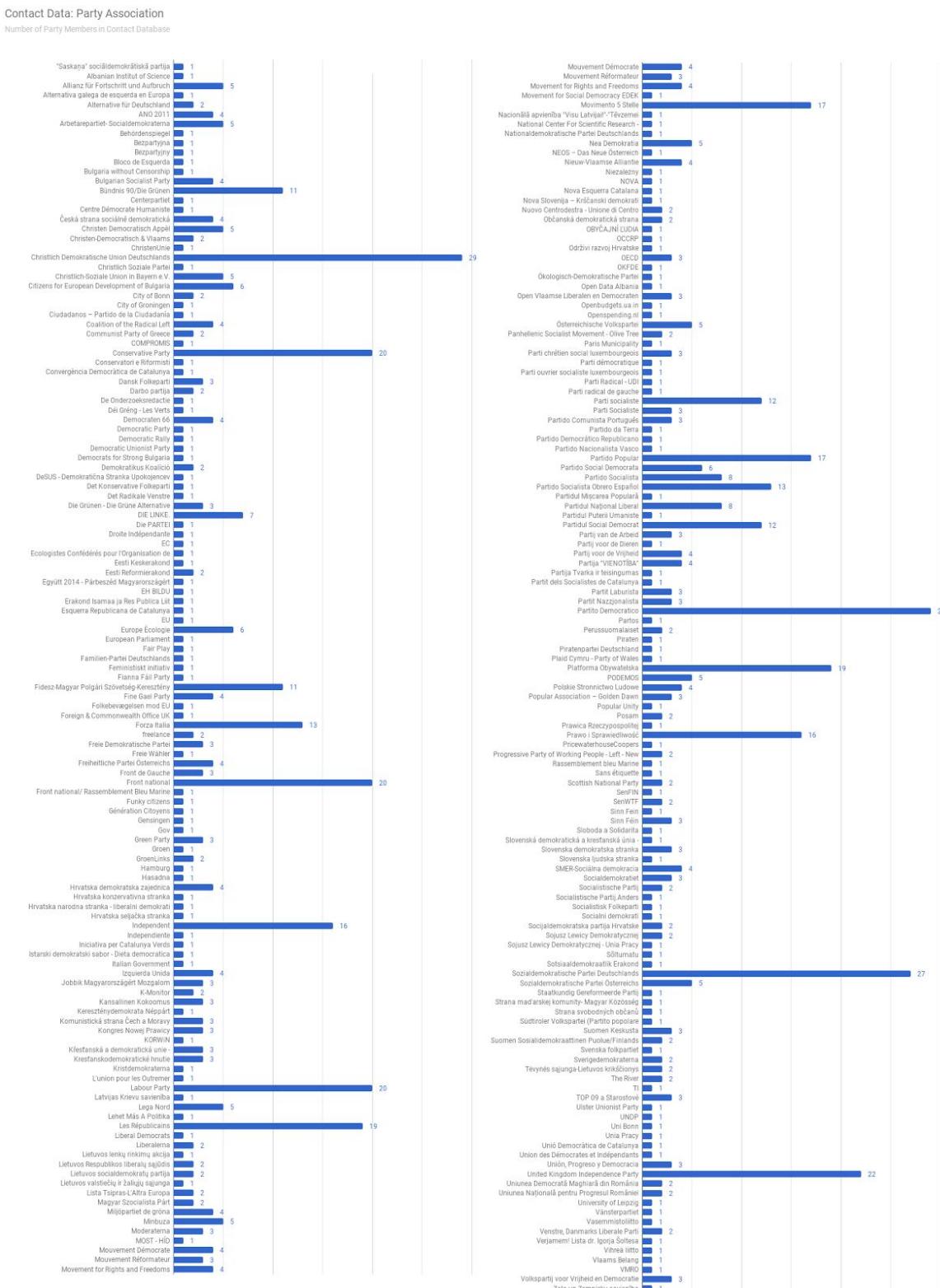
Table 5: MEPs expenses media coverage

Outlet	Journalist(s) / wire	Country	Title	Source
Politico Playbook	Ryan Heath	Brussels	MEPS VOTE AGAINST PUBLISHING RECEIPTS	Interview
Financial Times Brussels Briefing	Jim Brunsden	Brussels	Greek bailout breakthrough, Le Pen jitters and Tony "Bee Gee" Blair	Interview
MOT Television		Finland	Meppien piilobonukset	Interview
DR Television	Kristian Sloth	Denmark		Interview
Le Point	Loreline Merelle	France	Assistants au Parlement européen : quelle différence entre les cas Sarnez et Le Pen ?	Interview
Politico	Harry Cooper	Brussels	Maltese MEPs accused of misusing expenses	Interview
Delo	Anuška Delić	Slovenia	Evroposlanci bi nadzirali javno porabo drugih, lastne pa ne	Interview
Malta Today	Miriam Dalli	Malta	Labour accuses PN of 'fraud' • MEPs publish certification statements	Blog
Le Jeudi	Delphine Reuter	Luxembourg	Enquête sur les bureaux fantômes des députés européens	Interview

Le Vif	Kristof Clerix	Belgium	EU Parlement européen : 39 millions d'euros d'indemnités de frais, mais aucun contrôle	Interview
The Guardian	Jennifer Rankin	United Kingdom	Nigel Farage among UKIP MEPs accused of misusing EU funds	interview
BT	Andreas Karker, Søren Mortensen	Denmark	Messerschmidts onde ånd bruger spirituel filosof som EU-rådgiver	interview
el Confidencial	Marcos García Rey	Spain	Los eurodiputados españoles gastan 2,8 millones de euros al año sin control	Interview
Mondiaal Nieuws	Bart Veerke	Belgium	Het Europees Parlement moet meer inzetten op transparantie	interview
Deutsche Welle	Ben Knight	Germany	German SPD dismisses nepotism accusations against Schulz	interview
RTBF	S. Calderon	Belgium	Parlement européen: vers un meilleur contrôle des assistants parlementaires?	interview
DEO	Staffan Dahllöf	Denmark	Støtte til EU-parlamentarikere går til spøgelseskontorer	Interview
Le Monde	Jean-Baptiste Chastand	France	Le Parlement européen, tiroir-caisse de l'extrême droite	interview
Politico EU	Ryan Heath	Belgium	Playbook: PARLIAMENT — MEP ALLOWANCE ISSUE	Interview
Berlingske	Martin Borre, Thomas Søgaard Rohde,Jakob Stig Jørgensen	Denmark	Danske EP-medlemmer holder deres regninger for sig selv: »Bilag bliver af princip ikke lagt frem«	Interview
DR	Martin Borre, Thomas Søgaard Rohde	Denmark	Dansk politiker lægger nu alle sine bilag frem: Koster EU op mod fem millioner kroner om året	Interview
Stern	Hans-Martin Tillack	Germany	Wie sich deutsche EU-Parlamentarier Büro-Miete in die eigene Tasche stecken	Interview
rebaltica	Sanita Jemberga	Latvia	MEPs can't hire relatives? Ask the Latvians how to get around the rules	Interview
Atlatszo	Anita Komuves	Hungary	European Parliament under pressure for spending taxpayer money on 'ghost offices	Interview

The campaign was a strong success, showcasing investigative journalism focussing on intricate budget and spending data related issues, with the goal of increasing transparency and financial accountability for everyone. It could not have occurred without the continuous and steady maintenance of stakeholder relations through the contact database and meetings.

Figure 15: Policy maker contacts party association



Conference Visits and Outreach Activities (Appendix V)

Regular visits of conferences by the consortium partners (covered in the next section) have significantly contributed to reaching this goal. In addition to workshops, presentations and tutorials held and produced during and outside of these events, a special event called '**The Story Hunt**' (<http://storyhunt.de>) has been held in the beginning of 2017 to create opportunities for journalists, policy makers, members of public administrations, data experts, and especially novice participants seeking to enter the field of budget and spending data to learn and interact together using the OBEU tools on actual data.

Figure 16: Screenshot of 'The Story Hunt' website

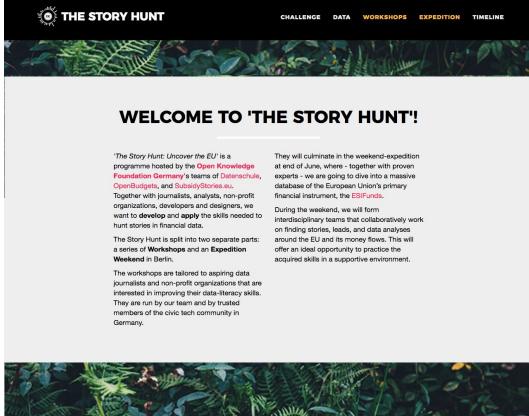
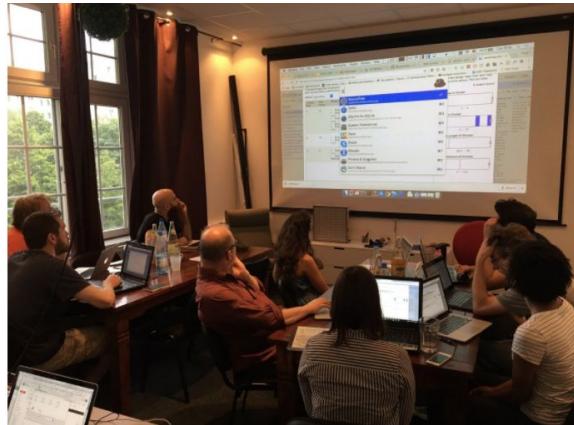


Figure 17: Photo of 'The Story Hunt' workshop



'The Story Hunt' comprised of 5 workshops teaching the participants essential skills of working with data (finding, scraping, cleaning, analysing, and visualising). In a final 'weekend expedition', the participants were joined by professionals from the field to work on the data together. The OpenBudgets blog features a post about the [workshops](#) and the [expedition weekend](#). A newsletter offering the OpenBudgets' website visitors a way to connect with the project and receive updates has been set up and used as well.

Figure 18: The OpenBudgets booth at Semantics Conference



OpenBudgets Stakeholder Board

The engagement of stakeholders was key for the success of OpenBudgets.eu for user input, feedback, testing and dissemination. That is why the consortium of the project is diverse and contains research institutes, NGOs, CSOs, and Journalists. Additionally, OpenBudgets.eu has installed a stakeholder advisory board to consult the consortium at crucial stages of the project: user-stories, platform development, testing and dissemination.

The Stakeholder Advisory Board of OpenBudgets.eu consists of 5 members.

[David McNair, ONE Campaign](#)

[Gisele Craveiro, University of Sao Paulo](#)

[Jed Miller, consultant in Open Data, Open Spending and Extractives](#)

[Daniel Macyszyn, CEO of ePF](#)

[Claire Schouten, Open Budget Partnership](#)

Each of them is a key player in the field of Budget Transparency with a wealth of experience in civic tech, campaigning, and budget transparency research. They have already provided valuable feedback at every stage of the process and remain to do so in the current dissemination phase. The consortium has organised two offline workshops one wide to gather input and feedback from stakeholders as well as two online meetings and several calls. [The first stakeholder workshop in December 2015](#) and the experts meeting at IODC led to the establishment of the current stakeholder board, which was informed of the progress of the project and asked for input during online meetings in November and July, as well as several follow up phone calls throughout the year.

The thorough collection of policy maker contacts and the establishment of liaisons with key stakeholders in the field has lead to direct communication channels with the future users of the OBEU platform and its tools. Feedback loops have been enabled that helped to shape their design and function, contributing to an alignment of what OBEU offers with what is required. Specialised events such as 'The Story Hunt' were multipliers in this regard that created public recognition and opportunities for exchange. One of the major learnings of this project has been the profound realisation that the complexities of working with budget and spending data for journalists, administrations, and policy makers alike are a challenge to the adaptation of related tools and services. The workshops given during 'The Story Hunt' as well as the webinars leading up to the SubsidyStories launch have been valuable in their function to decrease the knowledge gaps responsible for the mentioned learning as they offered the chance to work on real problems collectively.

5.3 Project Goal II: Acknowledgement of the project and set standard by the scientific (linked data) and financial communities

To gain acknowledgement of the project and the standards set by the community of linked data experts and financial transparency communities was an important cornerstone to ensure the thorough dissemination of the project's results. Activity on relevant community mailing lists, participation in international events, publications, standards, and social media

coverage were means to achieve this. Again, the communication activities related to this project goal are reviewed through highlighting key achievements.

All target numbers for this activity have been reached:

Table 6: Indicators and Tracker Results Goal II

Activity and quality of discussion in different community mailing lists	20 - 40 (prev. 10 - 20)	34
Participation in international events	25 - 50 (prev. 15 - 30)	139
Number of publications published at workshops/conferences/journals	10-30	30
Number of standards introduced	3 - 5	4
Social Media coverage (all visits and views to all possible channels) 25.000 - 50.000	250,000 (prev. 25.000-50.000)	387101

Participation in International Events (Appendix V, VIII)

Throughout the project's duration, the most important conferences related to open government, open data, government and ICT, civic tech and data journalism, and anti corruption have been visited to spread information on the project.

Among them were large international examples such as [International Open Data Conference](#), [Open Government Partnership Summit](#), [re:publica](#), more developer-focussed conferences such as [csv conf](#), [Semantics conference](#), journalism-related ones such as [4M Paris](#), [News Impact Summit Madrid](#), [Data Harvest](#), as well as more regionally-focussed ones such as [Smart Public Sector Conference, Zagreb](#), [The EU Council Presidency's DiploHack](#), and [Regional Conference on Public Participation in the Budget Process Slovenia](#).

The openbudgets.eu consortium is made up of a diversity of partners from around Europe and active in different fields. Core part of the dissemination strategy was the extensive usage of the existing networks of the different partners. The different impacts and results of the work packages and use cases were thus disseminated at a wide variety of conferences. Visiting the different events around Europe proved highly valuable for feedback, networking and dissemination of the results of OpenBudgets.eu. In Appendix V the conferences are listed per work package. Only with very few exceptions for training and network purposes, conferences were only visited when a speaking opportunity was available.

Figure 19: Photos from some of the conferences visited and presentations given by OBEU consortium members

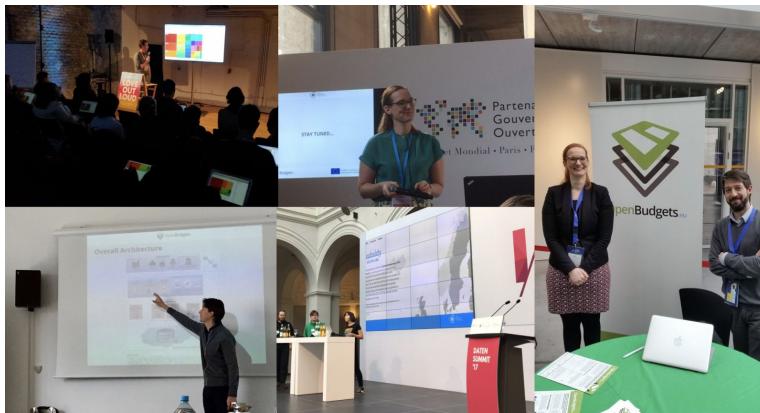


Figure 20: Dissemination materials on conferences



Scientific Publications (Appendix XI)

Scientific publications, conference papers, and academic journals are go-to resources for the scientific linked-data community and are important ways of communicating technical achievements. The consortium has contributed to the scientific discourse steadily through the release of a range of scientific publications, some of which are listed below.

Table 7: Publications

Author(s)	Title	Datec	Link
Vojtěch Svátek, Marek Dudáš, Jakub Klímek et al.	Procurement Notice Enrichment Using Product Ontologies	16/03/2016	http://ceur-ws.org/Vol-1481/per14.pdf
Jindřich Mynarz, Vojtěch Svátek	Matchmaking Public Procurement Linked Open Data	16/03/2016	https://link.springer.com/chapter/10.1007%2F978-3-319-26148-5_27#page-1
Marek Dudáš	Reusable transformations of Data Cube Vocabulary datasets from the fiscal domain	18/10/2016	http://ceur-ws.org/Vol-1654/article-04.pdf
Charalampos Bratsas	Towards Budget Comparative Analysis: The Need for Fiscal Code Lists as Linked Data	13/09/2016	http://ceur-ws.org/Vol-1695/per32.pdf
Charalampos Bratsas	Knowledge Networks and Statistical Analysis of Cinematography Linked Data	13/09/2016	http://ceur-ws.org/Vol-1695/per33.pdf
Charalampos Bratsas	Fiscal Knowledge discovery in Municipalities of Athens and Thessaloniki via Linked Open Data	20/10/2016	http://ieeexplore.ieee.org/document/7753405/
Charalampos Bratsas	The code lists case: Identifying and linking the key parts of fiscal datasets	20/10/2016	http://ieeexplore.ieee.org/document/7753404/
Charalampos Bratsas	Rudolf: An HTTP API for exposing semantically represented fiscal OLAP cubes	20/10/2016	http://ieeexplore.ieee.org/document/7753406/

Sotirios Karampatakis	Alignment: a coolaborative, system aided, interactive ontology matching platform	8-10/11/2017	to be published
Jindřich Mynarz	Modeling fiscal data with the Data Cube Vocabulary	30/09/2016	http://ceur-ws.org/Vol-1695/paper25.pdf
KLÍMEK, Jakub, MYNARZ, Jindřich, SVÁTEK, Vojtěch.	Modelování a transformace fiskálních datasetů technologiemi RDF v projektu OpenBudgets.eu. In: WIKT & DaZ 2016 [online]. Smolenice, 03.11.2016 – 04.11.2016. Bratislava : Nakladatelstvo STU, 2016, s. 183–186. ISBN 978-80-227-4619-9.	03.11.2016 – 04.11.2016.	https://wikt-daz2016.fiit.stuba.sk/wp-content/uploads/2016/11/WIKT-DaZ-2016_Proceedings.pdf
ONDŘEJ, Zamazal.	Automatizace klasifikace evropských projektů pomocí klasifikátoru. In: DaZ 2017 [online]. Plzeň, 5.-6.10.2017. Vydává Západočeská univerzita v Plzni, 2017, pp. 141-145. ISBN: 978-80-261-0720-0.	5.-6.10.2017	https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf
KOUKAL, Bohuslav, CHUDÁN, David, SVÁTEK, Vojtěch.	OLAP Recommender: Supporting Navigation in OLAP Cubes Using Association Rule Mining. In: DaZ 2017 [online]. Plzeň, 5.-6.10.2017. Vydává Západočeská univerzita v Plzni, 2017, pp. 46-50. ISBN: 978-80-261-0720-0.	5.-6.10.2017	https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf
VOJÍŘ, Stanislav, ZEMAN, Václav, KUČERA, Jaroslav, KLIEGR, Tomáš.	Využití EasyMiner API v projektu OpenBudgets.eu. In: DaZ 2017 [online]. Plzeň, 5.-6.10.2017. Vydává Západočeská univerzita v Plzni, 2017, pp. 56-60. ISBN: 978-80-261-0720-0.	5.-6.10.2017	https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf

For the sake of brevity, the list of publications is continued in Appendix XI.

Activity on mailing lists

To further broaden the involvement of relevant actors, a focus has been to establish a presence on the OpenSpending community mailing list and the FollowTheMoney network. Both are highly relevant online communities to the project and are filled with long-standing members of the fiscal transparency movement, having enabled important feedback in the development process as they have been followed regularly.

Social media channels

The social media channels that have been created and used during the project have lead to a sizeable outreach base. The channels (Twitter, Youtube, Facebook, Linkedin) have prevailed as efficient means to communicate with experts in the field. Their basic function is described in the annual dissemination report, and specific functions of the channels are described in the corresponding sections in this report. Here, a short overview over general channel developments is given. Further details can be found in D8.1: Continuous operation of social media channels, fact sheet.

Twitter has a current follower base of 701, with a total of 859 tweets made in the lifetime of the channel. For comparison, this means that the OpenBudgets account has 20% more followers than similar H2020-funded projects, e.g. with Route-to-PA having roughly one-sixth the amount of followers compared to OpenBudgets.

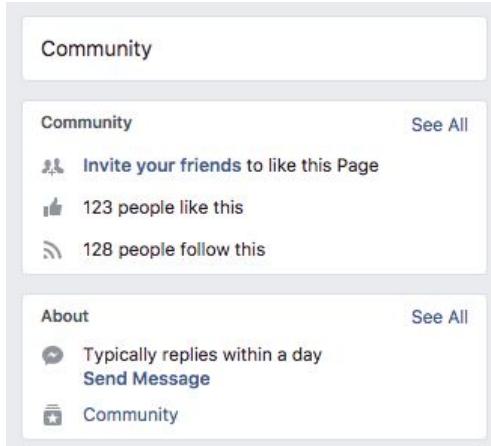
Figure 21: Twitter follower data

Tweets	Following	Followers	Likes
859	800	701	566

The evolution of the Twitter follower base with regard to the ad campaign is described in project goal III below.

Facebook has gained a total of 123 followers since the creation of the channel and has been used to mirror the tweets posted from the OpenBudgets twitter account. As has been noted in the annual dissemination report, the main focus has been put on Twitter as the key outreach tool, with Facebook only being a minor contribution to the follower base.

Figure 22: Facebook follower data



Youtube has served as a free hosting platform for tutorials, screencasts, and webinars. The view count is currently at 1928 views. Some of the tutorial videos have been screened to participating audiences at workshops and events such as The Story Hunt, conference visits, and round-table discussions, thus proving to be useful and highly available accompanying resources.

Figure 23: Youtube viewer data

Open Budgets EU
[VIEW CHANNEL](#)

1,935
 Views

The Linkedin group page has proved to be a less efficient additional layer of communication that has not seen much usage due to the presence of a myriad of other communication channels including email, Twitter, Github, Facebook, and video/audio-calls via Skype and telephone. The company page has been available for use throughout the duration of the project for partners wishing to use the network.

Number of standards introduced

This item is defined as 'Data definitions (Financial Data Standards)' in the communication strategy. Their development and introduction is described in detail in the corresponding deliverables and the scientific publications, and is out of scope for this report.

Overall, the continuous use and operation of community mailing lists, regular participation in international events, publication of scientific publications, introduction of standards, and the continuous operation of social media channels have contributed greatly to the acknowledgement of the project by the scientific / linked data communities. These measures have added up to a sizeable outreach base for the dissemination of project updates.

5.4 Project Goal III: Promotion of the Openbudgets solution and market infiltration

The market infiltration of the OpenBudgets solution is described in detail in the exploitation plan and impact report. The target numbers chosen to measure the efficiency of the dissemination in this regard have all been reached:

Table 8: Indicators and Tracker Results Goal III

Number of people regularly using the portals, tools, and services	300.000 - 600.000	408516
Number of Press Releases	10 - 50	24
Traffic generated through online ad campaign	1M - 1.5M	1059018

Portal Users

Due to the fact that the OpenBudgets platform does not only consist of the toolbox found on the website but also several other tools such as Cooking Budgets, ETL LinkedPipes, KPI, and Alignment, the number of people regularly using the tools is an aggregate of the access numbers of those tools. Some are used through local deployments (KPI, Microsite, Alignment), which does not allow for user tracking. The website for the StoryHunt has been excluded as it does not sufficiently qualify as a tool, but rather an event website. Other numbers have been inferred based on traffic volume and access behaviour.

Table 9: Portal, tool, and services users and pageviews

Tool	Users	Pageviews
Football Tax	5000	20000
OOMG	2000	32000
Cooking	20000	40000

Budgets		
Good, Bad, Accountant	220000	2200000
OBEU	13151	44283
Subsidystories	3071	9269
Participatory Budgeting	1126	1754
OpenSpending Community	29024	34564
OpenSpending.org	190144	216108

Launch

The platform of OpenBudgets.eu launched officially on the 8th of September 2017. For the launch a Press Release in 5 languages was prepared and disseminated over all the press-lists of the 9 different organisations of OpenBudgets.eu. Furthermore, a small movie was compiled introducing the different tools, and numerous blog posts were published in the weeks following, highlighting the different tools for different audiences.

As OpenBudgets.eu has made major innovations in different areas, it was decided to officially present the platforms at different key events around Europe, and invest in a stand on different conferences. The major progress has been in financial transparency in the EU and in Linked Data for financial Transparency. To cover both the media and civil society organisations on the one hand, and the linked data, business and academic audiences on the other, the platform was launched at Re:publica - Reconnecting Europe (Dublin and Thessaloniki) and at Semantics 2017 in Amsterdam.

Re:publica reconnecting Europe in Dublin and Thessaloniki is a special edition of Re:publica and the media convention taking place annually in Berlin, bringing together almost 9000 visitors to network and exchange on the innovations in online media, civic tech and transparency. Its core audiences are civil society organisations and media fighting for digital innovation, openness and transparency.

SEMANTiCS 2017 is an international event on Linked Data and the Semantic Web where business users, vendors and academia meet. Widely recognized to be of pivotal importance, it is the thirteenth edition of a well-attended yearly conference that started back in 2005.

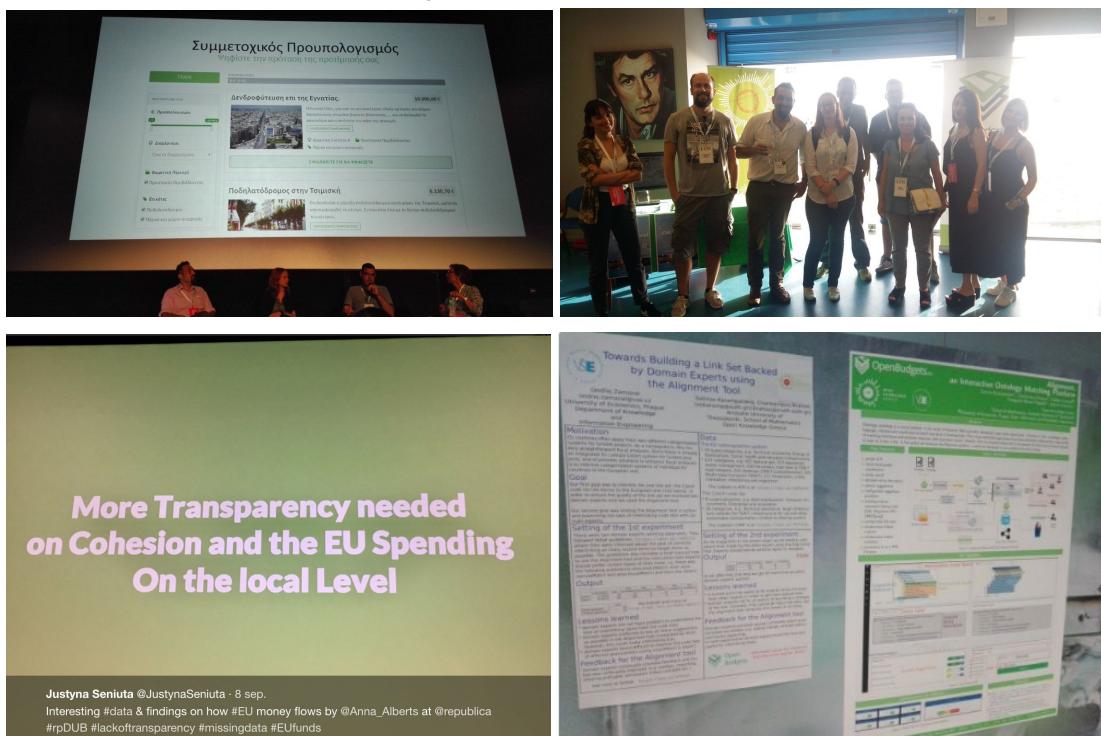
During the joined conferences of Re:publica, OpenBudgets.eu had a booth and held two talks. The Dublin talks focused on EU Transparency and highlighted the work on the MEP Expenses campaign, EU Subsidies and the platforms advocacy and journalism work. The Thessaloniki version highlighted participatory budgeting and the Thessaloniki implementation of the toolbox.

During the same week, at Semantics 2017 in Amsterdam, the Linked data tools and the innovation for the Semantic web were presented in a poster session. Especially the

alignment tools, and the data mining tools were well received in the Semantic web academic community.

By highlighting the different tools at different conferences around Europe, the diversity and comprehensive toolbox that make up [OpenBudgets.eu](#) were presented to the different audiences of [OpenBudgets.eu](#). Throughout the project, it has been the strategy of the different partners to reach out to a diverse audience, and by being part of different communities and networks have the widest possible reach. This was reflected in the diverse activities taking place in September by the different partners of [OpenBudgets.eu](#) celebrating and highlighting its launch.

Figure 24: Photos of conference visits



Online Ad Campaign, Social Media, Website

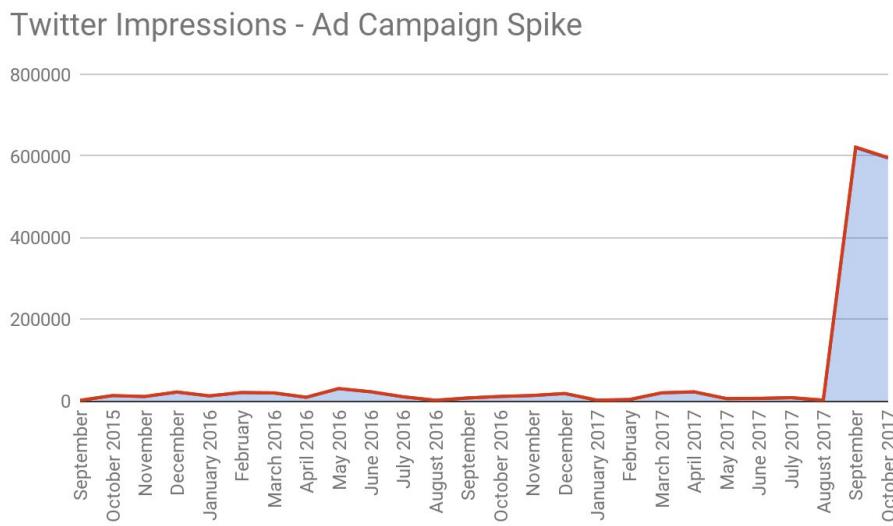
In terms of the online Ad campaign, Twitter has been chosen as the most effective dissemination tool to in turn promote the website and the tools. As has been noted in the annual dissemination report, it offers a way to proactively create a tailored audience while establishing interactive means to communicate with it, which in a highly specialised environment such as fiscal transparency is highly useful and effective. The way Twitter was used to advertise the OBEU platform was the following: a number of tweets linking to specific parts of the platform have been created. These tweets were then selected to be boosted through the advertisement campaign, which was set up to specifically target certain user groups based on keywords such as ‘budgets’, ‘open data’, and ‘e-government’.

The campaign by itself has reached 1,057,980 impressions. This number is on the lower end of the target spectrum (1 - 1.5M), but was considered sufficient as Twitter has already exceed the target numbers for social media coverage (increased from 25,000 to 250,000) with 375,915 impressions. Taking together the tool access numbers, a total of over 1.8

million impressions has been generated throughout the project, which attests to the fact that the communication and dissemination channels have been used to their full potential in order to reach the stakeholder groups relevant to the project.

The campaign was launched in the end of August 2017. This schedule was decided on for a number of reasons. On the one hand, final integration efforts stretched into summer 2017 due to a major redesign that was not part of the work plan, but that was decided on collectively to further boost the reception of the platform itself. On the other hand, due to an increased unavailability of large parts of the target stakeholders for the platform in the summer months (especially August), September was considered to be an efficient point in time. In Figure 24 below, the impact of the ad campaign can be clearly seen starting in the end of August, dwarfing the previously generated organic traffic.

Figure 24: Ad campaign usage spike on twitter



In terms of the efficiency of the ad campaign, it can be said that there is a visible, yet not necessarily proportional impact on the website usage (Figure 26). From August 2017 to September 2017, website access numbers have increased by more than 100% and have reached an all time high. However, this does not correspond with the more than 100-fold improvement of the impressions on Twitter. It is important to recall the limitations of the analytics software present on the website mentioned in the annual dissemination report, that are illustrated by Figure 25 below. Furthermore, the ad campaign does lead to an increase in targeted users, which does not necessarily translate into actual relevant stakeholders, which in turn is a clear advantage of organic audiences as compared to paid ones.

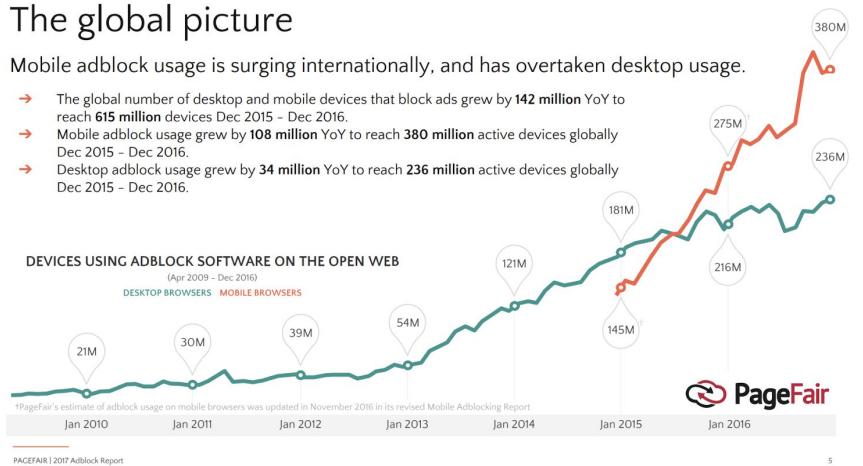
Figure 25: Adblock usage development²

² www.pagefair.com/downloads/2017/01/PageFair-2017-Adblock-Report.pdf

The global picture

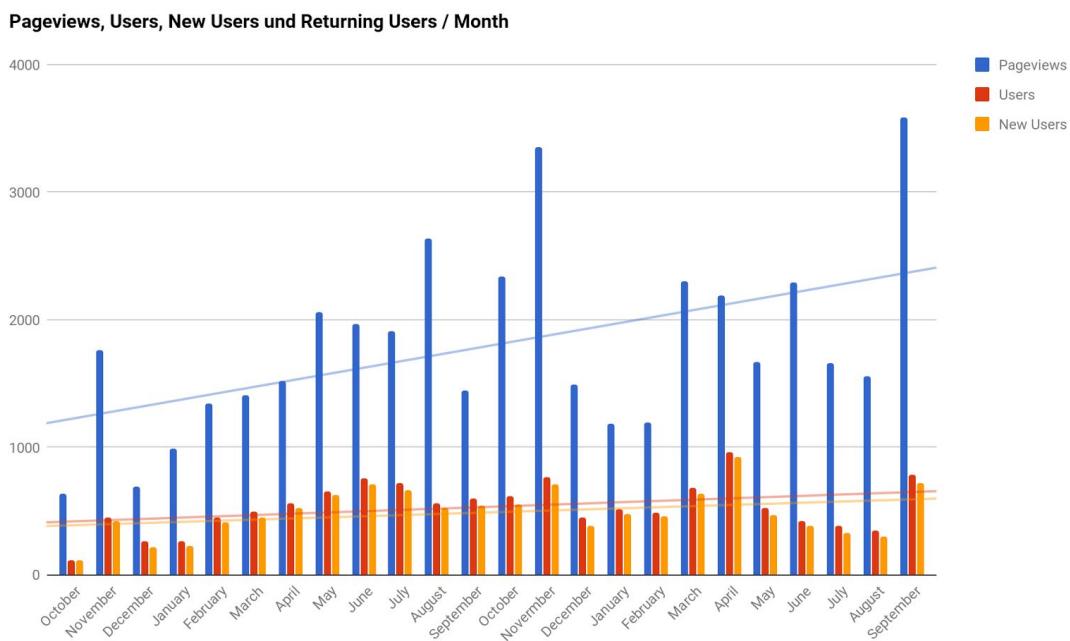
Mobile adblock usage is surging internationally, and has overtaken desktop usage.

- The global number of desktop and mobile devices that block ads grew by **142 million** YoY to reach **615 million** devices Dec 2015 – Dec 2016.
- Mobile adblock usage grew by **108 million** YoY to reach **380 million** active devices globally Dec 2015 – Dec 2016.
- Desktop adblock usage grew by **34 million** YoY to reach **236 million** active devices globally Dec 2015 – Dec 2016.



According to the report, the European countries that are targeted by the OBEU solution rank among the highest for adblock usage, ranging somewhere between 25% and 30% of users. While it is impossible to know or calculate the actual access numbers, the present access numbers for the website need to be viewed with some degree of scepticism.

Figure 26: Website usage data from October 2015 to October 2017



Press Releases

A total of 25 press releases in 5 languages have been sent out at key moments in the project. They can be found under <http://openbudgets.eu/press/>

5.5 Project Goal IV: OpenBudgets Portal Training

The fourth project goal relates to the OpenBudgets portal, support requests, and the resources and training materials surrounding it. All target numbers have been reached:

Table 10: Indicators and Tracker Results Goal IV

Number of successfully-managed support requests	5000 - 10000	5500
Number of webinar participants/viewers	3000 - 6000	3170
Number of views generated for the online screencasts, manuals and tutorials online	10000 - 30000	13089

Support Requests

OpenBudgets uses Github as its main infrastructure for the tools and the communication among developers and users, which includes support requests. Support requests are generated through the integrated ticketing system of Github, namely [Github issues](#). The OpenBudgets Github repository includes 29 subrepositories for the individual components of the platform and can be viewed [here](#). Table 11 below shows the count of opened and closed issues per repository. An individual issue is built in the form of a thread with replies and answers, and can contain multiple support requests and may be developed by several users who are confronted with similar issues.

A total of 1496 issues have been raised in total with varying complexity, length, participants, and content depth. While an exact count of individual support requests is difficult to obtain technically without reviewing each individual issue that has occurred since the project's inception, an average multiplier of 4 support requests per issue seems feasible upon reviewing a sample size. The total number of support requests thus amounts to roughly total 5948 support requests, of which approximately 10% are open. This means a total of roughly 5500 support requests have been successfully managed, demonstrating the efficiency of Github Issues as the tool of choice to create immediate intersections between developers, users, and stakeholders targeted by the OpenBudgets platform.

Table 11: Support requests / issues

Repository	Open Issues	Closed Issues	Traffic Estimate	Content
outlier-dm-ionic2	0	1	N/A	Outlier algorithm to detect discrepancies within a dataset
integration	3	13	50k (721)	Integration of components into final platform
DAM	9	5	25k (329)	OBEU Data Analysis and Mining repository
openbudgets.github.io	0	21	100k (1200)	Main OBEU Website hosting the platform
okfgr_dm	0	0	3.5k (47)	A Python wrapper to access OKFGR data-mining server
datasets	6	82	100k (1200)	Datasets converted in OpenBudgets.eu Data Model
openspending	97	1071	N/A	Repository of OpenSpending

microsite	4	3	N/A	OpenBudgets Microsite
rudolf	7	23	N/A	rudolf is the stepbrother of babbage for RDF datasets
xml2csv	0	0	N/A	Specific component repository
uep_dm	0	0	N/A	Specific component repository
outlier_dm	2	0	N/A	Specific component repository
pipeline-fragments	1	26	N/A	Specific component repository
platform	10	57	N/A	Platform repository
preprocessing_dm	1	0	N/A	Specific component repository
participatory-budgeting	12	13	N/A	Specific component repository
data-model	0	3	N/A	Specific component repository
Code-lists	0	26	N/A	Code Lists
LandingPage	0	0	N/A	Specific component repository
utils	0	0	N/A	Specific component repository
auxiliary-data	0	0	N/A	Specific component repository
linksets	0	0	N/A	Specific component repository
microsite_rdf	0	0	N/A	Specific component repository
os-fdp-adapters	0	0	N/A	Specific component repository
os-viewer	0	0	N/A	Specific component repository
obeu-types	0	0	N/A	Specific component repository
openspending	0	0	N/A	Specific component repository
openbudgets.eu	0	0	N/A	Discontinued
billion-dollar-o-gram	0	0	N/A	Discontinued

Webinars, Manuals, Tutorials, and Screencasts

Through the project youtube channel as well as the channels of the project partners, a series of webinars has been held to introduce viewers to the tools created and the methods used in working with budget data as well as project updates to offer opportunities for stakeholders to give feedback on their development. Part of the video material has been screened during presentations and workshops and at conferences.

Table 12: Webinars, Manuals, Tutorials, and Screencasts viewers

Tool	Viewers	Link
OBEU Account	1928	https://www.youtube.com/channel/UCLw5-jisra6JBClrrK0q49g
Alignment	81	https://www.youtube.com/watch?v=SRjlq3OyZMw
LinkedPipes ETL	329	https://www.youtube.com/watch?v=byf0ltDOBxA
KPI	75	https://www.youtube.com/watch?v=FY6lPuxlbOQ
Indigo	23	https://www.youtube.com/watch?v=GpSSZ9ysqrs
OpenSpending Tech Hangout - Sept.8 / 13:00 UK Time	90	https://www.youtube.com/watch?v=d6f14Tc7BUY
Third action plan	103	https://www.youtube.com/watch?v=Cpk6x-Xkjqs
Labs Hangout	78	https://www.youtube.com/watch?v=KKIpE91O0YQ
OpenBudgets.eu, Charalampos Bratsas, CAMEI Summer School 2015, MEI2015 International Conference	15	https://www.youtube.com/watch?v=XCo8OkrqYmg
OpenSpending Labs Hangout	80	https://www.youtube.com/watch?v=KKIpE91O0YQ
OKFestival 2018 - Bratsas Charalampos - OK Greece	18	https://www.youtube.com/watch?v=CnGiwBoeOSk
Screenings of Tutorial Videos	350	15-30 participants x 10 videos

The number of views generated for online screencasts, manuals, and tutorials constitutes itself through a summation of mixed media items online that introduce the user to concepts, technologies, or investigatory practices that are directly related to the project. Together, the total viewcount is 11161, thus reaching the target set out in the communication strategy. The documents, videos, screencasts, posts, and other assets have been highly useful means of sharing knowledge required to work on budget and spending data with stakeholders from a variety of backgrounds, including administrations, journalists, members of CSOs, designers, and others. Table 13 shows the resources.

Table 13: Number of views generated for the online screencasts, manuals, and tutorials

Number of views generated for the online screencasts, manuals, and tutorials		
Page	Page Views	Unique Page Views / URL
/tools/	3,032	1,532
/about/technical-structure/	931	836
/post/2017/04/04/esif-data-quality/	617	500
/post/2016/11/18/OBEU-prototype-launch/	598	471

/resources/2016/07/11/making-budgets-attractive/	501		453
/post/2016/04/26/challenges-around-participatory-budgeting/	473		420
/post/2016/06/14/tracing-eu-funds/	430		387
/post/2016/06/09/how-can-we-track-EU-spending/	353		305
/post/2016/07/20/comparing-money-across-time-and-space/	325		240
/post/2016/03/30/visualize-budget-data/	324		295
/post/2016/02/02/public-sector-accounting-in-Europe/	307		275
/resources/2015/09/01/mapping-budget-data-report/	208		196
/resources/2015/07/01/where-does-europe-money-go/	180		174
/post/2016/11/04/participatory-budgeting-tools/	177		154
/post/2017/01/30/meps-expenses/	160		142
/post/2016/10/28/cooking-budgets/	151		137
/post/2016/11/17/indigo-released/	141		106
/upload/	133		56
/post/2017/09/15/oceu-for-datawranglers/	98		44
/post/2016/10/30/openbudgetseu_data_model/	58		6
Alignment	81	https://www.youtube.com/watch?v=SRJlg3OyZMw	
LinkedPipes ETL	329	https://www.youtube.com/watch?v=byf0ltDOBsa	
KPI	75	https://www.youtube.com/watch?v=FY6IPuxlbOQ	
Indigo	23	https://www.youtube.com/watch?v=GpSSZ9ysqrs	
OpenSpending Tech Hangout	90	https://www.youtube.com/watch?v=d6f14Tc7BUY	
Third action plan	103	https://www.youtube.com/watch?=Cpk6x-Xkjqs	
Labs Hangout	78	https://www.youtube.com/watch?v=KKlpE91O0YQ	
OBEU: Platform overview	52	https://www.youtube.com/watch?v=PVeVza7A51M	
OBEU: Indigo Tutorial	226	https://www.youtube.com/watch?v=s2JzqX7c5WU	
OBEU: ERDF ESF Backgroud	125	https://www.youtube.com/watch?v=hR6HKLCSzA0	
OBEU: Sourcing the data	64	https://www.youtube.com/watch?v=0zdys4IQlwa	
OBEU: Intro to github	79	https://www.youtube.com/watch?v=ehaWAeFqgm8	
Github Tutorial #1	561	https://www.youtube.com/watch?v=6IGItUBUK5s	
Kickoff Meeting Subsidy Data	78	https://www.youtube.com/watch?v=iBLjyA3AR2Y	
		https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%201	
The Story Hunt: Getting Started			
		https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%202	
The Story Hunt: Finding Data			
		https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%203	

The Story Hunt: Analysing Data	https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%204
The Story Hunt: Visualising Data	https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%205

Especially the materials developed for the workshops during ‘The Story Hunt’ have been very popular. Due to using Github as a hosting platform, no usage data is available. See Figure 27 and 28 for an excerpt of the ‘Visualising Data’ materials created by guest speaker Lisa Charlotte Rost.

Figure 27: Excerpt from data visualisation workshop (1/2)

Context & Comparison / Do: Set data in relations

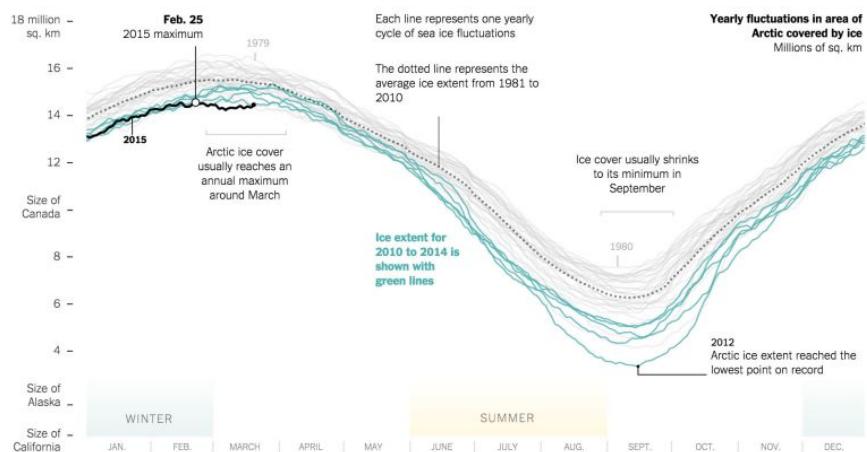


Figure 28: Excerpt from data visualisation workshop (2/2)

1. Open datawrapper.org
2. “Create a Map”

3. Open bit.ly/storyhunt

FIPS-Code	county_name	per_thirdparties	per_democratic	per_gop	perpoint_diff
01001	Autauga County	2.6	24.0	73.4	49.5
01003	Baldwin County	3.1	19.6	77.4	57.8
01005	Barbour County	1.1	46.7	52.3	5.6
01007	Bibb County	1.6	21.4	77.0	55.5
01009	Blount County	1.7	8.5	89.9	81.4
01011	Bullock County	0.7	75.1	24.2	-50.9
01013	Butler County	0.9	42.8	56.3	13.5
01015	Calhoun County	2.9	27.9	69.2	41.4
01017	Chambers Count	1.5	41.8	56.6	14.8
01019	Cherokee Count	1.6	14.5	83.9	69.4
01021	Chilton County	1.5	15.9	82.5	66.6
01023	Choctaw County	0.8	42.8	56.4	13.7
01025	Clarke County	0.9	44.2	55.0	10.8

6 Summary & Conclusion

This report has documented the dissemination activities, channels, and materials of OpenBudgets.eu. Its structure of report has been adapted to present dissemination activities in their relation to the achievement of the project goals, rather than listing each communication channel individually. It began with an explanation of its purpose and moved on to a description of the website redesign, as the website is the most important dissemination instrument available and represents the final platform design and the rationale behind it. The next section approached the four project goals one by one and documented how the channels, materials and activities have contributed to reaching them. Starting with the target numbers, each goal was presented alongside key achievements and data, followed by reflective comments.

The individual tool-specific fact-sheets have provided ways for each partner to highlight their achievements while promoting the platform as a whole, to target specific stakeholder groups, and to show the depth of the OpenBudgets platform through highlighting its components.

The website redesign has made it possible to integrate a large and (in terms of prospective users) diverse body of work into a coherent platform. The modern design helps to denote the state-of-the-art character of the tools, while preserving a clean and fresh appearance. Rather than merging the created tools into one potentially overwhelming product, the platform organises the tools according to use-cases, thus categorising them into thematic clusters. Thereby, a balance has been struck between the idea of serving diverse purposes while maintaining a unified presence. Usage data shows key moments in the project's development, with the data peaking at the launch campaign in September 2017. In terms of usage data, a 6 to 7-fold increase could be observed in terms of sessions, users, and page views. Blogposts, manuals and tutorials, as well as journalistic investigations have continued to be the most popular items on the website, proving that the content delivered resonated with the content demanded by the users.

In terms of project goal I: 'Facilitate Access to Fiscal Data for Private and Journalistic Use, Increasing fiscal transparency, Introducing participatory budgeting', the following has been shown: The thorough collection of policy maker contacts and the establishment of liaisons with key stakeholders in the field has lead to direct communication channels with the future users of the OBEU platform and its tools, especially through the establishment of the OpenBudgets stakeholder board. Feedback loops have been enabled that helped to shape their design and function, contributing to an alignment of what OBEU offers with what is required. Specialised events such as 'The Story Hunt' were multipliers in this regard that created public recognition and opportunities for exchange. One of the major learnings of this project has been the profound realisation that the complexities of working with budget and spending data for journalists, administrations, and policy makers alike are a challenge to the adaptation of related tools and services. The workshops given during 'The Story Hunt' as well as the webinars leading up to the SubsidyStories launch have been valuable in their function to decrease the knowledge gaps responsible for the mentioned learning as they offered the chance to work on real problems collectively.

Regarding project goal II: ‘Acknowledgement of the project and set standard by the scientific (linked data) and financial communities’, this report has shown that the continuous use and operation of community mailing lists, regular participation in international events, publication of scientific publications, introduction of standards, and the continuous operation of social media channels have contributed greatly to the acknowledgement of the project by the scientific / linked data communities. These measures have added up to a sizeable outreach base for the dissemination of project updates. The social media channels used have experienced continuous growth, with Twitter remaining to be the most important and efficient tool.

For project goal III: ‘Promotion of the Openbudgets solution and market infiltration’, a full and detailed account of the exploitation can be found in D8.6 ‘Exploitation Impact Report’. In terms of dissemination efforts, the targeted portal usage has been shown to be successfully reached with 408,516, as well as the Twitter ad campaign with 1,057,980 impressions. This number is on the lower end of the target spectrum (1 - 1.5M), but was considered sufficient as Twitter has already exceeded the target numbers for social media coverage (increased from 25,000 to 250,000) with 375,915 impressions. Taking together the tool access numbers, a total of over 1.8 million impressions has been generated throughout the project, which attests to the fact that the communication and dissemination channels have been used to their full potential in order to reach the stakeholder groups relevant to the project.

The section on project goal IV: ‘OpenBudgets Portal Training’ has described efforts to share knowledge and expertise related to the tools and services developed in the project. Apart from the support request infrastructure on Github, the documents, videos, screencasts, posts, and other assets have been highly useful means of sharing knowledge required to work on budget and spending data with stakeholders from a variety of backgrounds, including administrations, journalists, members of CSOs, designers, and others. Especially the workshops that were part of The Story Hunt have been highlighted as powerful means of breaking down barriers and gaps of knowledge.

In short, when we study the indicators formulated in the description of work, the consortium has performed in accordance with the expectations and strategies developed. The OpenBudgets platform stands today as a multifunctional portal to a wide range of applications, insights, use-cases, and interests related to budget and spending data. Over the duration of the project, an array of channels and messages has been created and disseminated to the best ability of the consortium members, with collective efforts that partially went beyond the originally anticipated achievements.

7 References

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Google Analytics Data. Retrieved via: <https://analytics.google.com/analytics/web/>

Twitter Analytics Data. Retrieved via: <https://analytics.twitter.com/about>

Facebook Analytics Data. Retrieved via: <https://facebook.com/>

8 Appendix

Appendix I a): Meetings

Your Organisation	With whom?	Contact data (email)	Further background info (e.g. party, NGO, professional)	At which event / occasion?	Which stakeholder group?	Date:	Your Name	Short description of contents / speaking points / Links to your notes	Contact data (name)
Fraunhofer	Michael Schütte, Alessandra Caroli Bundesstadt Bonn Zentrales Controlling, Verwaltungssteuerung und Ratsbüro	Alessandr.a.Caroli@Bonn.de, michael.s.chuette@Bonn.de		Meeting (Goal: Receive data sets)	Policy Makers, Civil Society	28/04/2016	FhG and UBON N	Presentation of OBEU and discussion for a possible collaboration with Bundesstadt Bonn	Michael Schütte, Alessandra Caroli
CiViO	Ari Brodach, Assila Najätte, Jerome Doncel, Péne Clemence	najatte.as.sila@paris.fr	www.paris.fr	Workpackage 7, Learning from the PB platform experience from Paris	Policy Makers	13/06/2016	David Cabo	They gave us an inside view of the platforms, difficulties, topics treated, targets, programming language, etc...	Assila Najätte
CiViO	Stéphane Vincent		www.la27region.fr	Working package 7, Trip to Paris to learn from PB platform experience	Policy Makers, CSOs / NGOs, Civil Society	16/03/2016	David Cabo	Possible synergies in terms of participation processes	Stéphane Vincent
Open Knowledge International	Open Society Foundation	Mark de la Iglesia	Pavel Richter, CEO, meet with Mr de la Iglesia to talk about fiscal transparency in Europe	part of the funder and grant management program	potential Funder	01/06/2017	Diana Krebs		
Open Knowledge International	Ford Foundation	Vera Mshna	Pavel Richter, CEO, meets with Ms Mhsna to talk about OKI's fiscal	part of the funder and grant management program	potential Funder	01/06/2017	Diana Krebs		

			transparency program						
Open Knowledge International	Adessium Foundation	Tamara van Strijp/Rogier van der Weerd		part of the funder and grant management program	former Funder				
OBEU Plenary				OBEU plenary meeting in Thessaloniki		24/05/2016			30/07/2017
Open Knowledge Greece	Open Government Partnership	Tonu Basu	OKFGR was invited to present the work of OBEU on fiscal transparency and how it can be promoted in the Greek context and beyond	OGP meeting in Athens	OGP, Greek ministries, OKFGR	05/07/2016	Charalampos Bratsas		
Open Knowledge Greece	Martin Kaltenbock (Semantic Web Company), Jürgen Jakobitsch (Semantic Web Company), Felix Sasaki (DFKI German centre for artificial intelligence)		Dissemination of OBEU technical development progress	Semantics2016	Technical/developer s community	13/09/2016	Charalampos Bratsas		
Open Knowledge Greece	Sebastian Hellman (AKSW/KILT, University of Leipzig), Soeren Auer (OBEU Coordinator), Vladimir Alexiev (Ontotext)			Semantics2016	Technical/developer s community	13/09/2017	Charalampos Bratsas		
Open Knowledge Greece	Olga Gerovasili	olgagerovasili@gmail.com	Minister of Administrative Reform and e-government	82nd Thessaloniki International Fair	Government	09/09/2017	link		
Open Knowledge Greece	Municipality of Thessaloniki		deputy mayor, administration	Openbudgets.eu Trials	Municipality/Government	19/07/2017	Charalampos Bratsas	link	

			ator of e-govern ment and others				, Sotirios Karamp atakis		
Open Knowledge Greece	data experts of Municipality of Thessaloniki		profession al	Openbud gets.eu Trials	municipali ty, data experts, potential users and admins of the platform	26/07/2017	Sotirios Karamp atakis	link	
Open Knowledge Greece	World Bank, Municipality of Thessaloniki		Municipali ty, professio nal	Resilienc e Thessalo niki, https://twit ter.com/R esilienceT hess	Municipali ty/Govern ment, Bank	end of June 2017	Charala mpos Bratsas	link	
Open Knowledge Greece	transparency.org		CSO	trip to Norway as part of the “we are all citizens” action		13/12/2016	Charala mpos Bratsas	link	
Open Knowledge Greece	Ministry of Local Government and Modernisation of Norway		Governm ent	trip to Norway as part of the “we are all citizens” action	Governm ent	13/12/2016	Charala mpos Bratsas	link	
Open Knowledge Greece	Lovdata		Ministry of Justice of Norway	trip to Norway as part of the “we are all citizens” action	Governm ent	14/12/2016	Charala mpos Bratsas	link	
University of Economics, Prague	EU Publications Office, PwC	nikolaos.loutas@be.pwc.com		Possible collaborati on on modelling budget data	EU officials, consultant s	12/01/2016	Jindřich Mynář	Discussion of alignment of OBEU activities with an internal EU Publications Office project on publishing EU budget as linked open data	Nikolaos Loutas (PwC)
University of Economics, Prague	Konrad Höffner (University of Leipzig, InfAI)	konrad.hoeffner@uni-leipzig.de		Collaborat ion with LinkedSpending	academia	10/02/2016	Jindřich Mynář	Discussing possible collaboration of OBEU and LinkedSpending	Konrad Höffner

University of Economics, Prague	Michalis Vafopoulos	vafopoulos@gmail.com	Coordinator call with the YourData Stories project	academia	07/12/2015	Jindřich Mynář	Discussion of collaboration between OpenBudgets.eu and YourDataStories projects	Michalis Vafopoulos
University of Economics, Prague	EU Publications Office, PricewatersCoopers, YourDataStories.eu		Conference call on collaboration	Policy Makers	13/04/2016	Jindřich Mynář	link	
J++	Philipp Häfner	Direktor bei dem Rechnungshof Hamburgs	Preparing an article	Policy Makers	01/02/2016	Nicolas Kayser-Bril	Difference between cash-based and accrual accounting in Hamburg ; experience gained at HH.	Philip Häfner
OKFDE	Jed Miller	Extractives and Budgets Transparency, former TAI	Quarterly and final call	CSO	30/10/2017	Anna Alberts	Call on progress and finalisation of OBEU	
OKFDE	Claire Schouten	Stakeholder Board Member	International Budgets Partnership	Quarterly and final call	NGO	27/10/2017	Anna Alberts	Call on progress and finalisation of OBEU
OKFDE	Anna Kierza	- Techsoup Europe	Call after IODC	NGO	20/10/2016	Anna Alberts	Exploring potential for OBEU in CEE region	
OKFDE	OpenState.eu	Open State is the Dutch civil society organisation for open data	Visit to Amsterdam	NGO	01/08/2016	Anna Alberts	Discussing budget visualisation and comparisons	
OKFDE	Dutch Embassy Berlin	Head of the Political Unit and the Economic Unit of the Dutch Embassy Berlin	Preparations and follow up hackaton	Administration	26/9/2016	Anna Alberts	Discussing EU Transparency initiatives	
OKFDE	Brigitte Alfter	Head of Journalismfund.eu	Story Hunt	Journalists	30/06/2017	Anna Alberts	Discussing further journalistic projects and cooperation for follow up to	

								OpenBudgets.eu	
OKFDE	Helen Darbishir	Executive Director Access-Info	During consortium meeting	NGO	17/05/2017	Anna Alberts	Discussion on further cooperaiton on EU transparency		
OKFDE	Daniel Roleff	Senastsministerium fuer Finanz Berlin		Administration	12/12/2016	Anna Alberts	Establishing partnerships for future exploitation		
OKFDE	Craig Fagan	Head of Policy Web Foundation		NGO	28/11/2016	Anna Alberts	Discussing potential cooperation		
OKFDE	FtM Network Meeting at OGP	Follow the Money Network		NGO	06/12/2016	Anna Alberts	Building the network of financial transparency NGOs		
OKFDE	Gisele Craveiro	Sao Paolo University		Academia + NGO	16/10/2015	Anna Alberts	Invitation and input for stakeholder board		
OKFDE	Claus Arndt	Moers Municipality		Administration	19/04/2017	Anna Alberts	Talk on follow up project on budget visualisation and open data in schools		

Appendix I b): Meetings with EU officials (names redacted)

Appendix II: Portal, tools, and services usage data / estimates

Tool	Users	Pageviews
Football Tax	5000	20000
OOMG	2000	32000
Cooking Budgets	20000	40000
Good, Bad, Accountant	220000	2200000
OBEU	13151	44283
Subsidystories	3071	9269
Participatory Budgeting	1126	1754
OpenSpending Community	29024	34564
OpenSpending.org	190144	216108

Appendix III: Webinar views

Tool	Viewcount	Link	Date
OBEU Account	1928	https://www.youtube.com/channel/UCLw5-jisra6JBCIrrK0g49g	19.9.2017
Alignment	81	https://www.youtube.com/watch?v=SRjlg3OyZMw	19.9.2017
LinkedPipes ETL	329	https://www.youtube.com/watch?v=byf0ItDOBxA	19.9.2017
KPI	75	https://www.youtube.com/watch?v=FY6lPuxlbOQ	19.9.2017
Indigo	23	https://www.youtube.com/watch?v=GpSSZ9ysqrs	19.9.2017
OpenSpendin g Tech Hangout - Sept.8 / 13:00 UK Time	90	https://www.youtube.com/watch?v=d6f14Tc7BUY	19.9.2017
Third action plan	103	https://www.youtube.com/watch?v=Cpk6x-Xkjqs	19.9.2017
Labs Hangout	78	https://www.youtube.com/watch?v=KKlpE91O0YQ	19.9.2017
OpenBudgets.eu, Charalampos Bratsas, CAMEI Summer School 2015, MEI2015	15	https://www.youtube.com/watch?v=XCo8OkrqYmg	15.10.2017

International Conference			
OpenSpending Labs Hangout	80	https://www.youtube.com/watch?v=KKlpE91O0YQ	15.10.2017
OKFestival 2018 - Bratsas Charalampos - OK Greece	18	https://www.youtube.com/watch?v=CnGiwBoeOSk	15.10.2017
Screenings of Tutorial Videos	350	15-30 participants x 10 videos	15.10.2017

Appendix IV: Website page views, users, new users

Year	Month	Pageviews	Users	New Users
2015	October	635	110	110
2015	November	1765	450	422
2015	December	693	259	215
2016	January	989	260	230
2016	February	1344	452	409
2016	March	1405	493	453
2016	April	1523	562	524
2016	May	2055	654	624
2016	June	1965	752	713
2016	July	1913	715	667
2016	August	2634	562	521
2016	September	1446	602	543
2016	October	2340	613	553
2016	November	3349	768	705
2016	December	1493	447	381
2017	January	1186	512	478
2017	February	1191	489	454
2017	March	2298	681	632
2017	April	2191	963	920
2017	May	1668	520	466
2017	June	2294	423	383
2017	July	1659	382	331
2017	August	1552	348	301
2017	September	3583	786	718

Appendix Va: All Conference visits

Conferences									
Your Name	Your Organisation	Name of conference / Link to	Type of activity	Theme of conference	Short description of	Organiser	# of attendees (approx.)		
Fabrizio Orlandi	Fraunhofer	IODC 2016 http://opendataconference.org/	Conference	Open Government	International confer	http://opendataconference.org/iodc1	1000		
Cecil	Open Knowledge Inte	Open Government Partnership Conference	Conference	Open Government	Open Government (OGP				
Diana Krebs	Open Knowledge Inte	Open Government Partnership Conference	Conference	Open Government	OGP		7-10		
Diana Krebs	Open Knowledge Inte	Regional Conference on Public Sector Transparency	Conference	Public Participation in the Budget	The objectives of the OGP		80		
Adam Kariv	Open Knowledge Inte	csv, cv	Conference	IT/Development			100		
Paul Walsh	Open Knowledge Inte	csv, cv	Conference	IT/Development					
Diana Krebs	Open Knowledge Inte	Smart Public Sector Conference	Conference	How to strengthen the public sector/Smart ideas	Federal Government of Croatia				
Nick Aiosa	Transparency Internat	H2020 INSO-1-2014 & 2015 Conference	Conference	Projects Policy	EU		19/02/16		
Nick Aiosa	Transparency Internat	BUDG: Klaue EoV on Estimates Conference	EU Budget		EU Parliament		23/02/17		
Nick Aiosa	Transparency Internat	CONT: Discharge 2014: EU Budget Conference	EU Budget		Discharge 2014: EU European Parliament		29/02/16		
Nick Aiosa	Transparency Internat	OBEU annual review	Conference	Anti-Corruption and Fiscal Transparency	EU		50	10/04/16	
Nick Aiosa	Transparency Internat	Political Party Financing, Euro Conference	Conference	Anti-Corruption and Fiscal Transparency	EU Parliament		14/06/16		
Nick Aiosa	Transparency Internat	CONT European parliament	Conference	EU Budget		European parliament		28/09/16	
Philippidis Panagiotis	Open Knowledge Gre	Semantics 2015	Conference	Semantic Web		Semantic Web Company GmbH		16-17/09/2015	
Sotiris Karampatakis, P	Open Knowledge Gre	Semantics 2016, http://2016.semantics.org/	Conference	Semantic Web	Semantic web: acac University of Leipzig & co.		200	12-15/09/2016	
Andreas Veglis	Open Knowledge Gre	NODA2016	Conference	Semantic Web				20-23/04/2016	
Sotiris Karampatakis, P	Open Knowledge Gre	LREC2016	Conference	Language Resources and Evaluation	About speech or lan European Language Resources Association			23-28/05/2016	
Ioannidis Lazaros, Philip	Open Knowledge Gre	SMAP2016	Conference	Semantic and Social Media	Adaptation and Personalization			20-21/10/2016	
Charalampos Bratas	Open Knowledge Gre	re:publica 2017 Thessaloniki	Festival	digital culture	Representatives of re:publica		150	11-13/9/2017	
Charalampos Bratas	Open Knowledge Gre	ODD 2017 – Opening our Data	Conference	Open Data	Critical issues on open Knowledge Greece, Lit	50	08/03/17		
Charalampos Bratas	Open Knowledge Gre	OGF global summit 2016	Conference	open government	The conference, wh	Open Government Partnership		7-9/12/2016	
Sotiris Karampatakis	Open Knowledge Gre	ISWC 2017, OG Workshop	Conference	Semantic Web	ISWC 2017 is the pre	https://www.wu.ac.at/en/	400	21-25/10/2017	
Sotiris Karampatakis	Open Knowledge Gre	KESW 2017, http://2017.kesw.org/	Conference	Semantic Web	KESW is a top intern	http://zut.edu.pl/	200	8-10/11/2017	
Jakub Klimek	University of Economi	https://joinup.ec.europa.eu/	Conference	Semantic interoperability	Implementation of s	European Commission (ISA2 250			
Jindrich Mynarz	University of Economi	Semantics 2016, http://2016.semantics.org/	Conference	Semantic web	Semantic web: acac University of Leipzig & co.		200		
Anna Alberts	Open Knowledge Ger	PDF-CEE conference https://pdf-cee.org/	Conference	Civic Tech and Journalism	2 day conference in Personal Democracy Media		400		
Anna Alberts	Open Knowledge Ger	PDF-CEE 2015	Conference	Anti-Corruption and Fiscal Tr	This is the annual PDF-CEE epastwo foundation		3000		
Anna Alberts	Open Knowledge Ger	IODC / http://opendataconference.org/	Conference	Open Government	The annual gatherin	IODC			
Anna Alberts	Open Knowledge Ger	DataHarvest 2015 / http://www.dataharvest.org/	Conference	Civic Tech and Journalism	It is the annual gath	journalismfund	300		
Anna Alberts	Open Knowledge Ger	PDF-CEE 2016	Conference	Anti-Corruption and Fiscal Tr	PDF-CEE is the big	Fundament + Techsoup	3000		
Anna Alberts	Open Knowledge Ger	OGP 2016 / https://ogpsummit.org/	Conference	Open Government	The annual gatherin	OGP			
Anna Alberts	Open Knowledge Germany		Conference	Open Government	Offene Kommunen	Bar Camp by Code for Germany/Lab Wuppertal			
Anna Alberts	Open Knowledge Ger	IODC 2016	Conference	All of the above	The International Of	IODC	2000		
Anna Alberts	Open Knowledge Ger	Transparence Georgia http://transparencegeorgia.org/	Conference	All of the above	The Transparence	Transparence network (Tec 100			
Anna Alberts	Open Knowledge Ger	Data for Development Result	Conference	Government and ICT	The UNDP held an i UNDP CIS		200		
Anna Alberts	Open Knowledge Ger	DataHarvest 2016	Conference	Civic Tech and Journalism	Dataharvest is the a ECJ		300		
Anna Alberts	Open Knowledge Ger	POINT 5.0	Conference	Civic Tech and Journalism	The major conferen	Transparence			
Nicolas Kayser-Bril	J++	4M Paris	Conference	Civic Tech and Journalism	4M, innovative jour	CIFI	250		
Nicolas Kayser-Bril	J++	News Impact Summit Madrid	Conference	Civic Tech and Journalism	One-day event for N	EJC	100		
Anne-lise Bouyer	J++	IODC Madrid / http://opendataconference.org/	Conference	Open Government	IODC is the essenti	iodec		26/09/1902	
Anna Alberts	Open Knowledge Ger	Week of Cities and Regions	Conference	The annual week for Region	The gathering of all DG Region		1000	10/11/2017	
Anna Alberts and Michael	Open Knowledge Ger	Berlin Open Data Day (Bodd	Conference	Open Data and Participation	The annual conferen	OKFDE and the City Berlin	300	4/10/2017	
Anna Alberts	Open Knowledge Ger	re:publica Reconnecting Eu	Conference	The Future of Europe	The spin off of the a	re:publica	100	7/9/2017 - 13/9/2017	
Anna Alberts and Michael	Open Knowledge Ger	StoryHunt	Conference	Finance in Europe	A weekend long jou	Self-Organised	30	30/9/2017 - 2/7/2017	
Anna Alberts and Michael	Open Knowledge Ger	DataHarvest 2017	Conference	Data Journalism in Europe	Dataharvest is the a	Journalismfund.eu	600	18/5/2017 - 21/7/2017	
Anna Alberts and Michael	Open Knowledge Ger	Re:publica 10	Conference	Love out Loud	The annual digital r	re:publica	9000	8/5/2017 - 3/5/2017	
Michael Peters	Open Knowledge Ger	Hamburg Offener Stadt	Conference	Open Data in Hamburg	Presenting Offener I	Code for Hamburg	100	3/3/2017	
Anna Alberts	Open Knowledge Ger	DatenSummit	Conference	Civic Tech in Germany	The state of Open	OKFDE	500	28/4/2017 - 29/4/2017	
Anna Alberts and Michael	Open Knowledge Ger	Digitaler Staat	Conference	Digital Administrations	Annual Meeting of t	DBB Forum	300	8/5/2017	
Anna Alberts	Open Knowledge Ger	Open Belgium Conference 2!	Conference	Civic Tech, Administration, P	The state of Open	Open Knowledge Belgium	200	6/3/2017	
Anna Alberts and Johanni	Open Knowledge Ger	Open Government Partnersh	Conference	Civic Tech, Administration, P OGP	OGP		1000	5/12/2017 - 9/12/2017	
Anna Alberts	Open Knowledge Ger	Transparency Camp Europe	Conference	Civic Tech, Administration, P OpenState.eu	Civic Tech and transparency		200	6/1/2016	
Anna Alberts	Open Knowledge Ger	CSV Conf Hackaton	Conference	Civic Tech and EU Transpar	Self-Organised	EU Transparency	30	2/5/2016	
Anna Alberts	Open Knowledge Ger	OECD meeting discussing Ti	Conference	Policy Makers, CSOs / NGO:	Performance Based	12/02/2016	50	12/02/2016	
Anna Alberts	Open Knowledge Ger	Re:publica 10: https://re-publica.org/	Conference	Policy Makers, CSOs / NGO:	Digital Media	04/05/2016	80	04/05/2016	
Anna Alberts and Helene	Open Knowledge Ger	International Journalism Fest	Conference	Journalists	Investigative Journa	Investigative Journalism	500	6/4/2016 - 10/4/2016	
Anna Alberts and Eileen	Open Knowledge Ger	Winterschool Digital Methods	Conference	Digital Media students and N	Digital Media Metho	UvA	100	8/1/2016 - 15/1/2016	
Anna Alberts	Open Knowledge Ger	Open Spending and Open Bi	Conference	Stakeholders	Self Organised	OKFDE	20	30/11/2015 - 1/12/2015	
Michael Peters	Open Knowledge Ger	PDF-CEE 2017	Conference	Anti-Corruption and Fiscal Tr	PDF-CEE is the big	Fundament + Techsoup	3000	April 6-7, 2017	
Vojíř, Stanislav, ZEMAN, Václav, KUCHAŘ, Jiří	ML+RR 2017 Doctoral C	Conference							

Appendix Vb: Conference visits in relation to Workpackage(s):

WP 1	WP 2	WP 3	Semantics 2015	Semantics is the annual conference for the semantic web
WP 1	WP 2	WP 3	Semantics 2017	Semantics is the annual conference for the semantic web
WP 1			https://joinup.ec.europa.eu/community/seminar/semantics-2016-semantic-interoperability-conference	Conference on data interoperability, presenting the OBEU data model
WP 1	WP 2	WP 3	Semantics 2016	Semantics is the annual conference for the semantic web

WP 3		NODA2016	Input and networking for data mining applications developed in work package three
WP 3		LREC2016	Input and networking for data mining applications developed in work package three
WP 3		SMAP2016	Input and networking for data mining applications developed in work package three
WP 3		ISWC 2017, OM Workshop, http://om2017.ontologymatching.org/	Presenting OpenBudgets.eu datamodel and dissemination of the platform
WP 3		KESW 2017, http://2017.kesw.ru/	Presenting the Semantic web applications of OpenBudgets.eu
WP 5		Dataharvest 2015 / http://www.journalismfund.eu/dataharvest-conferences	The main European journalism conference
WP 5	WP 6	DataHarvest 2016	Joined the Hackday and main event to present the Journalism and EU transparency work. Follow up to cohesion fund project
WP 5	WP 6	DataHarvest 2017	Presenting the final platform subsidystories and getting participants for the StoryHunt
WP 5		4M Paris	Presenting the work from WP 5
WP 5		News Impact Summit Madrid	Presenting the work from WP 5
WP 5		International Journalism Festival Perugia	Gathering learnings and experience for the data-journalism training and presenting OBEU work
WP 5	WP 8	IODC 2015	Built up the Open Financial Data network and gathering input for data-literacy training
WP 6		Open Government Partnership Summit 2016	Key Conference for the Open Government Partnership. Presented Subsidystories.eu and worked with local partners on workshops for later large scale trials
WP 6		csv,cv	Organised an adjoining hackaton for the start of the Cohesion Funds projects
WP 6		BUDG: Klaue EoV on Estimates of revenue and expenditure for the financial year 2017 – Section I – European Parliament (BUD)	Key meetings for liaisons at the EP
WP 6		CONT European parliament	Liasons and dissemination EU transparency
WP 6		Week of Cities and Regions	Presenting OBEU and the work on opening EU beneficiary lists in Subsidystories
WP 6	WP 5	StoryHunt	Data Journalism training on EU Subsidy data as gathered in WP 6
WP 7		CONT: Discharge 2014: EU general budget - European Parliament	Key meetings for liaisons at the EP

WP 7	WP 8	Open Spending and Open Budgets Stakeholder Meeting	Kick-off meeting for the stakeholder board and gathering input for the large scale trials from the stakeholder board
WP 8		IODC 2016 http://opendatacon.org/	Stakeholder Board Meeting and the main conference for Open Data and Open Government Policy in Europe
WP 8		Smart Public Sector Conference, Zagreb	Meeting for the Global Initiative for Fiscal Transparency. Exploring opportunities for further exploitation.
WP 8		H2020 INSO-1-2014 & 2015 Projects Policy and Networking Meeting	Meeting in Brussels organised by the ERC to find collaborating partners amongst other projects in the call
WP 8		Political Party Financing, European Parliament	Liasons and dissemination EU transparency
WP 8		ODD 2017 – Opening our Data toDay	Annual Open Data Day around Europe, presenting financial transparency
WP 8		PDF-CEE 2015	The main conference for CSOs in Central and Eastern Europe
WP 8		Transparencee Georgia http://tcmgeo2016.transparencee.org/	Connected to the Eastern European and Central European community on financial data visualisation
WP 8		Data for Development Results Regional Event	Connected to the networks for the MENA region on financial transparency and budget visualisation
WP 8		POINT 5.0	Connected to the Balkan-networks for Financial Transparency and Viusalisation
WP 8		Berlin Open Data Day (Boddy) 2017	Presenting the full platform and liason for exploitation of OBEU in Berlin
WP 8		Re:publica 10	Presenting OpenBudgets.eu and the importance of budget transparency
WP 8		DatenSummit	Presenting OpenBudgets.eu and building up the German community for the follow up to OpenBudgets.eu
WP 8		Digitaler Staat	Presenting OpenBudgets.eu on the main german conference for digital administrations
WP 8		Winterschool Digital Methods	Key input for stakeholder mapping deliverable in D8.3
WP 8		Regional Conference on Public Participation in the Budget Process Slovenia	Key conference organised by the Global Initiative for Fiscal Transparency. Exploring opportunities for further exploitation
WP 8		re:publica 2017 Thessaloniki , https://re-publica.com/en	Launch of the OpenBudgets.eu platform
WP 8		Open Belgium Conference 2017	Presenting the OpenBudgets.eu beta verison of the toolbox, discussion the first results with the public and gathering input

Appendix VI: Online Discussions

Your Organisation	Type of activity	Website	Link	Short description of contents	Date	Outcomes / Outputs / Relevance to Open Budgets
Open Knowledge Greece	discussion	https://www.opengovpartnership.org/	http://www.opengovpartnership.org/sites/default/files/GREEK_NAP-3-OGP-GR.pdf	E-government, open budgets, participatory budgeting, schools of data for regions and municipalities	end of June 2017	discussion about the progress of the OKGR commitments for Linked Open Budgets and Participatory Budgeting, among others.
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/openspending-community-introductions/1145	Introduction of OpenBudgets to the OpenSpending Community, invitation to participate	12/15/15	Establishing contact to community
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/greek-linked-economy-project/2251	Commentary on Greek LinkedEconomy project	3/15/16	Discussion of new linked economy project
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/public-website-for-city-municipal-council/2112	CSO/NGO Stakeholder from Israel was looking for tools / solutions used by municipal councils worldwide.	2/27/16	Response to user introduced the current possibilities of making municipal budget data available and referenced the OBEU platform as being in development.
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/can-i-reuse-the-icons-of-were-does-my-money-go-org/1989/3	Connecting user with Italian OpenSpending activists	2/14/16	Established new connection of potential future user to OpenSpending community
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/survey-participatory-budgeting/2065	Promoting CiViO survey	2/22/16	

Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/introducing-gobierno-presupuestos-municipales/2020	Reacting to introduction of Gobierro Presupuestos Municipales, a Spanish platform to visualize and understand budgets from 8000+ municipalities	2/17/16	Exchange about developments in OpenBudgets EU with regards to integration and ETL and how this may support GPM and vice-versa
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/nicolas-kayser-bril-from-just-published-a-great-blog-on-openbudgets-eu-public-sector-accounting/1958	Promotion of OBEU Website and J++ Blogpost	02/02/2016	153 replies 75 views 3 users 1 like 3 links
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/new-open-data-portal-european-structural-and-investment-funds/1685	New Open Data Portal European Structural and Investment Funds	12/15/16	1 reply 100 views 2 users 2 links
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/hasadna-and-examples-from-budget-data-cycles/1668	Presentation of work of Hasadna from Israel that Adam Kariv presented at OpenBudgets.eu Workshop.	12/15/15	Dissemination of presentation
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/tech-hangout-sept-2015/1046/5	interaction with OpenSpending Tech-Hangout	9/15/15	Interaction with OpenSpending Community
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/greek-linked-economy-project/2251/2	Greek LinkedEconomy project	3/15/16	Greek LinkedEconomy project
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/hack-on-eu-transparency/2621	Hack on EU Transparency	4/25/16	Hack on EU Transparency
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/csv-conf-pre-event/2484	Csv,conf,pre,event	4/13/16	Csv,conf,pre,event

Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/when-is-the-next-open-knowledge-germany-meetup/2793	When is the next Meetup	5/9/16	When is the next Meetup
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/issue-with-open-spending-org/3204/2	Issue with OpenSpending.org	6/30/16	Issue with OpenSpending.org
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/we-want-all-data-on-all-european-subsidies/3480	We want ALL data on all European Subsidies!	8/26/17	Invitation to subsidystories
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/entry-for-government-budget-bolivia/4794	Entry for Government Budget / Bolivia	3/5/17	Entry for Government Budget / Bolivia
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/how-to-score-pdfs/4050	How to score PDFs	11/28/16	How to find data
Open Knowledge Germany	Online Discussion	OpenSpending	https://discuss.okfn.org/t/subsidystories-eu-now-live/4813	SubsidyStories now LIVE	3/9/17	SubsidyStories launch
Open Knowledge Germany	Online Discussion	FollowtheMoney	https://groups.google.com/forum/?utm_source=digest&utm_medium=email#topic/FTM_network/-F7TIMSq1nc	Reminder: Wednesday 4 October FTM call 4pm CEST, 3pm London, 10am DC.	4/10/16	Call initiation
Open Knowledge Germany	Online Discussion	FollowtheMoney	https://groups.google.com/forum/?utm_source=digest&utm_medium=email#searchin/FTM_network/annualsort:date/ftm_network/kMYzot-0DZc/9uMQ2T0OBgAJ	Launch SubsidyStories.eu	3/9/2017	SubsidyStories launch

Open Knowledge Germany	Online Discussion	Followthe Money	https://groups.google.com/forum/?utm_source=di gest&utm_medium=email#!search in/FTM_network/anna sort:date/ft m_network/NUNekZ7wsvw/6_Tu-YOoBQAJ	Chairing call	1/31/2017	Leading call
Open Knowledge Germany	Online Discussion	Followthe Money	https://groups.google.com/forum/?utm_source=di gest&utm_medium=email#!search in/FTM_network/anna sort:date/ft m_network/y3sUKNZAQaQ/X2TYJloDwAJ	Call for Proposals - Civic Engagement for Open Contracting	1/6/2017	Call for Proposals - Civic Engagement for Open Contracting
Open Knowledge Germany	Online Discussion	Followthe Money	https://groups.google.com/forum/?utm_source=di gest&utm_medium=email#!search in/FTM_network/anna sort:date/ft m_network/QCUvlQt82aw/Bs7wc60GAwAJ	OGP Summit	11/24/2017	OGP preparation
Open Knowledge Germany	Online Discussion	Followthe Money	https://groups.google.com/forum/?utm_source=di gest&utm_medium=email#!search in/FTM_network/anna sort:date/ft m_network/KUs2v4skoJI/oCdKmk8nAwAJ	Next FtM call: 9 November at 10am New York / 4pm Berlin / 3pm London	11/07/2017	Call preparation
Open Knowledge Germany	Online Discussion	Followthe Money	https://groups.google.com/forum/?utm_source=di gest&utm_medium=email#!search in/FTM_network/anna sort:date/ft m_network/E7Z3m7reSxc/ROTHQhHBwAJ	EU Subsidies Follow Up + help us find the last missing datasets	10/25/2017	EU Subsidies call for participation
Open Knowledge Germany	Online Discussion	Followthe Money	https://groups.google.com/forum/?utm_source=di gest&utm_medium=email#!search in/FTM_network/anna sort:date/ft m_network/JILKukHEP-0/icY8V63UCQAJ	Notes of the FTM call yesterday	09/08/2016	Exchange with group members

Open Knowledge Germany	Online Discussion	Followthe Money	https://groups.google.com/forum/?utm_source=digest&utm_medium=email#searchin/FTM_network/annasort:date/ftm_network/Nna1YmvA4aU/lWvOs4X0BwAJ	Kick Off Meeting and Slack Channel - All EU Subsidy Data Project	09/02/2016	Promotion of subproject: subsidystories
Open Knowledge Germany	Online Discussion	Followthe Money	https://groups.google.com/forum/?utm_source=digest&utm_medium=email#searchin/FTM_network/1WlnDATZDE/N9IBGukJBwAJ	We want ALL data on all European Subsidies!	08/26/2017	Call for Particpiation: subsidystories

Appendix VII: Presentations

Presentations / Lightning talk						
Your Name	Your Organisation	Type of activity	Title of Presentation	Start Date	End Date	At which Event? Short description # of attendees (o Type of audience / stakeholder group(s) present?
Alexandra Garat Fraunhofer	Presentation / Lk OBEU			03/03/2017	03/03/2017	Your Data Stories OBEU by Dr. Fat 12 Related EU Projects
Amir Campos	CIV/O	Presentation / Lk Collaborative Participatory Budgeting Platform	Openbudgets.eu - Civic - Possibilities of a Openbudgets - National, regional and local budget accountability at its best - Data + Budget	26/09/2016	27/09/2016	https://ec.europa.eu The way we could 45 Policy Makers, Civil Society, Academia
David Cabo	CIV/O	Presentation / Lk @ IDC	Openbudgets - National, regional and local Openbudgets - National, regional and local	06/10/2016	06/11/2016	International Opt Improvement of r 50 Policy Makers, CSOs / NGOs, Journalists, Civil Society
David Cabo and Cecile	CIV/O	Presentation / Lk budget accountability at its best		01/02/2017	01/02/2017	Collective Aware Share best exper 150 Civil Society/NGO's
Diana Krebs	Open Knowledge	Presentation / Lightning Talk		27/02/2015	30/10/2015	OGP Summit https://twitter.com/FiscalTrans/stat Policy Makers, CSOs / NGOs, Journalists
Diana Krebs	Open Knowledge	Presentation	Are there yet? Data quality in the digital age Budget and spending data as drivers of change in the public sector	07/12/2017	09/12/2017	FutureTDM: Min identify barriers t https://en.opengsummit.org/osem/co Policy Makers, CSOs / NGOs, Journalists
Diana Krebs	Open Knowledge	Presentation		29/03/2017	29/03/2017	Smart Public Sec http://www.forum 100 Public Sector stakeholders, public administration
Diana Krebs	Open Knowledge	Presentation / Lightning Talk	Why you should	04/05/2016	04/05/2016	re:publica 10: ht why is budget im 40 Policy Makers, CSOs / NGOs, Journalists, Civil Society
Paul Walsh	Open Knowledge	Presentation	What's next in open data? The limits of the publication discourse	05/03/2016	05/03/2016	csvconf.com https://csvconf.com/speakers/#paul-walsh
Nick	Transparency Int	Presentation / Lk OBEU		29/04/2016		EU Council/Dutch Presidency DiploHack, Brussels Policy Makers, CSOs / NGOs, Journalists
Nick	Transparency Int	Presentation / Lk OBEU & TI		23/05/2016		OBEU Plenary, Greece CSOs / NGOs, Academia
Nick	Transparency International	Presentation / Lk OBEU		08/11/2016		ICAEW-PwC dinner, Brussels Policy Makers
Nick	Transparency International	Presentation / Lk IHECS Journalist school, Brussels	Transparency International/Open data Transparency International/Open data	07/11/2016	21/11/2016	IHECS Journalist school, Brussels Policy Makers, CSOs / NGOs, Journalists
Nick	Transparency International	Presentation / Lk Workshop, Berlin	Financial Transparency in the European Parliament			Transparecny International/Open data Workshop, Be Policy Makers, CSOs / NGOs, Journalists
Nick	Transparency International	Presentation		10/1/2017		EU Law Clinic
Nick	Transparency International	Presentation	Open Budgets and the EU	10/4/2017		l'Institut des Hautes Études des Communications Sociales
Nick	Transparency International	Presentation	Transparency of Political Group Finances	15/3/2017		NYU/HEC Paris Law
Nick	Transparency International	Presentation	HIGGS - NGO Workshop, Athens	08/12/2016		HIGGS - NGO Workshop, Athens
Nick	Transparency International	Presentation	Open Budgets Project	30/05/2017		European Court of Auditors Staff Workshop
Charalampos Bri	Open Knowledge	discussion/talk	OPEN DATA IN SMART CITIES – ENABLING CITIZEN'S PARTICIPATION	12/09/2017	12/09/2017	re:publica 2017 What is the part 30 scientists, bloggers, hackers, journalists, citizens
Charalampos Bri	Open Knowledge	presentation	OGP commitments and OpenBudgets.eu	14/12/16	14/12/16	weareallcitizens commitments proposed to the Gre ministry members and members of transparency.org
Lucie Sedmidráh	University of Eco	Presentation / Lk Seznam dojížď faktur subjekti všechny správy		18/02/2016		Open data stand We presented lis 50
Jindřich Mynar	University of Eco	Presentation / Lk Introduction of the OpenBudgets.eu Transparency, accountability and public participation in the budgetary process		19/02/2016		Otevřená propozit An introduction o 81 Policy Makers, Czech Supreme Audit Office
Lucie Sedmidráh	University of Eco	Presentation / Lk Open Budget Data and Performance Based		10/01/2017	10/01/2017	Ideální nápad prk link between acc 17 Policy Makers, Civil Society
Anna Alberts	Open Knowledge	Presentation / Lk Budgeting	OpenBudgets.eu and Offener Haushalt	12/02/2016	12/02/2016	OECD meeting d How CSOs can u 50 Policy Makers, CSOs / NGOs, Civil Society
Anna Alberts	Open Knowledge	Presentation / Lk Why you should care about the Budget		04/05/2016	04/05/2016	re:publica 10: ht it was an introdu 80 Policy Makers, CSOs / NGOs, Journalists, Civil Society
Anna Alberts	Open Knowledge	Presentation / Lk Open Budgets and Presenting: Digivisit and OBEU		4/10/2017	4/10/2016	Buddy The presentation 25 Policy Makers Policy Makers
Anna Alberts	Open Knowledge	Presentation and Presenting: Digivisit and OBEU		16/4/2015	17/4/2015	PDF-CEE 2015 The presentation 25 Policy Makers, CSOs / NGOs, Journalists, Civil Society
Anna Alberts	Open Knowledge	Presentation: Digivisit and OBEU		5/12/2016	9/12/2016	OGP Global Meet The short pitch p 50 Policy Makers, Civil Society
Anna Alberts	Open Knowledge	Lightning Talk	Opening EU Funding	12/11/2016	13/11/2016	Offene Kommun Bar Camp by Co 20 Developers, Hackers, Activists, Civil Society, Policy Makers
Anna Alberts	Open Knowledge	Presentation	Offene Kommunen.NRW	12/9/2016	17/9/2016	Transparence OpenBudgets.eu 50 Policy Makers, Civil Society
Anna Alberts	Open Knowledge	Presentation	OpenBudgets and Offener Haushalt	2/6	5/6/2016	DataHarvest 201 to subsidystories 20 Journalists
Anna Alberts	Open Knowledge	Presentation	Results of the Hackday: cohesion funds	4/10/2017	4/10/2017	Berlin Open Data Day (Buddy) 2017 50 Policy Makers
Anna Alberts	Open Knowledge	Presentation	Berlin Open Data Day (Buddy) 2017			Berlin Open Datagets.eu toolbox 50 Policy Makers
Anna Alberts	Open Knowledge	Presentation	Re:publica Reconnecting Europe	7/9/2017	13/9/2017	Re:publica Recoi EU money flows 50 Policy Makers, CSOs / NGOs, Journalists, Civil Society
Anna Alberts	Open Knowledge	Presentation	Needles and Haystacks: experience from Subsid	18/5/2017	21/7/2017	Dataharvest 201 the wider public 50 Journalists
Anna Alberts	Open Knowledge	Presentation	Digitaler Staat	8/5/2017	8/5/2017	Digitaler Staat in german context 50 Journalists
Anna Alberts	Open Knowledge	Presentation				8/5/2017 Policy Makers

Appendix VIII: Workshops

Workshops / Trainings / Hackathons										
Your Name	Your Organisation	Type of activity	Type	Organiser	Title of Workshop At which Event?	Start Date	End Date	Short description	Twitter Hashtag	# of Target group / st. Link to Blogpost
Amir Campos	CIVIO	Workshop / Train	Workshop	Démocratie Ouverte	DIY Democracy Démocratie Ouverte DIY Democra	19/03/20	19/03/20	Possible ways to collaborate betw	50 CSOs / NGOs, Civil Society	Partners to disseminate the project in France. Journalists will learn how to analyse budgets and will be able to get some stories from there, fighting for greater accountability in Spain and elsewhere. Political parties funding will be also analysed.
Amir Campos	CIVIO	Workshop / Train	Training	Self organised + Madrid	How to understa Same event	14/11/20	14/11/20	CIVIO will teach at the headquarters of t	CSOs / NGOs, J	http://www.j
Adam Kariv	Open Knowledge									
Charalampos Br Open Knowledge Workshop	Open Knowledge	Workshop		Open Knowledge Greece Open Government		30/05/20	30/05/20			
Charalampos Br Open Knowledge Training	Open Knowledge	Training		School of the University of Western M	1st school of dat Open Government Partnership	18/07/20	18/07/20	Open Data, Licence, OpenBudget	20 public servants, i	Link
Sotiris Karampi Open Knowledge Workshop	Open Knowledge	Workshop		Open Knowledge Greece Creating and Upo	Opening our Data to Day: Avocet	6/3/2017	8/3/2017	How to make links between terms	40 librarians	Link
Charalampos Br Open Knowledge Workshop	Open Knowledge	Workshop		Aristotle University of Th	OpenBudgets.eu Summer Journalism School Thesis	16/7/2017	23/7/2020	Introduction to #journsummersch	30 journalists	Link
Charalampos Br Open Knowledge Workshop	Open Data			Open Knowledge Greece Open Science in practice		24/10/20	25/10/20			
Jindřich Myráz	University of Eco	Workshop / Train	Workshop	Czech Supreme Audit C	Linked open data Otevřená propojená data veřejné	19/02/20		A linked open data seminar for Cz	81 Policy Makers, Czech public	http://www.nku.cz/cz/conference-seminare/seminar-open-data-2016/default.htm
Anna Alberts	OKF DE	Workshop / Train	Workshop	OKF DE	Storyhunt #1	Storyhunt		Finding data		
Anna Alberts	OKF DE	Workshop / Train	Workshop	OKF DE	Storyhunt #2	Storyhunt		Cleaning Data		
Anna Alberts	OKF DE	Workshop / Train	Workshop	OKF DE	Storyhunt #3	Storyhunt		Analysing data		
Anna Alberts	OKF DE	Workshop / Train	Workshop	OKF DE	Storyhunt #4	Storyhunt		Visualising Data		
Anna Alberts	OKF DE	Workshop / Train	Workshop	OKF DE	Storyhunt #5	Storyhunt		Finding issues		
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	School of Data	School of Data S School of Data Summer Camp	23/05/20	27/05/20	In an intensive w scoda15	CSOs / NGOs, Civil Society	See deliverable 5.1
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	Transparency School Vi	User Workshop (Transparency School Vilnius	06/07/20	10/07/20	The summer sch -	150 CSOs / NGOs, Journalists, C	Use Cases and feedback for openbudgets.eu platform
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	Digital Methods Initiative	Chasing the Pub DMI Winterschool 2016: otherwise	11/01/20	15/01/20	In a week long in #dm15	150 CSOs / NGOs, Journalists, A	https://drive.google.com/open?
Anna Alberts	Open Knowledge	Workshop / Train	Presentation	OECD	Financial Transp OECD/MinFin Tunis meeting for C	12/02/2020	12/02/2022	A presentation or -	60 Policy Makers, CSOs / NGOs	https://drive.google.com/open?
Anna Alberts	Open Knowledge	Workshop / Train	Hackaton	Self-organised	Frictionless Data CSV-conf	02/05/20	02/05/20	During the Open #OBEU	30 Journalists, Civil forthcoming	the cz cases
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	Smarticipate H2020 pro	Smartathon Ham Smarthaton Hamburg	08/10/20	08/10/20	In a group setting, roundtables anc	15 Students	It was interesting to show and test out open spending with journalists from the Czech Republic. We saw how the hierarchies are working in a different context. Valuable input and feedback to the use of tools and the need for materials explaining the political context further. We adapted to an updated H2020 program with input in their process on IT-Tools for citizen participation.
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	Re:Publica	Why Should You Re:Publica	01/07/2020	02/07/2022	Journalist training around Europe	15 Journalists	The start of a long term cooperation with journalists around structural data.
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	Open State	Best Practices to Transparency Camp Amsterdam	01/06/2020	01/06/202	In a discussion group, civil society organ	CSOs / NGOs, Journalists, Civil Society	
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	Self-organised	Football Story W Consortium Theseoniki	20/05/2020	20/05/2022	The Workshop showed methodology	Journalists, Academia	
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	Self-organised	TrainingWorkshop at HEAR, Strasbourg, France	25/11/2020	27/11/2022	Footbal	Students	
J++	J++	Workshop / Train	Workshop	Self-organised	TrainingWorkshop at HEAR, Strasbourg, France	25/11/2020	27/11/2022	Footbal	16 Design students	http://www.j
J++	J++	Workshop / Train	Workshop	Self-organised	Training on budget journalism / Unive	21/10/2020	23/10/2022	Search investigation	10 Journalists	Enables gap analysis
Nicolas Kopruse-J++	Workshop / Train	Workshop	Workshop	Self-organised	Datajournalism: The Football Tax	01/03/2020	03/03/2020	Training negative techniques on	22 Journalists, Journalism students	
DUDÁŠ, Marek, ŠVATEK, Vojtěch	Workshop / Train	Workshop	Workshop	Self-organised	Ontology Review Decision Support: Visualize On October 22, 2017 Vienna, Austria, CEUR-Workshop Proceedings, Vol-1947, pp 10-19, ISBN 1613-0733					
KUCHAR, Jaroslav, ŠVATEK, Vojtěch	Workshop / Train	Workshop	Workshop	Self-organised	Spotlighting Anomalies using Frequent Patterns					
Anna Alberts	Open Knowledge	Workshop / Train	Workshop/T	ERC	Iteration Booster ERC	23/10/2020	24/10/2020	In a two day events, pitches and m	100 Investors, Project Officers, a Pitch	
Anna Alberts	Open Knowledge	Workshop / Train	Workshop	Offene Kommunen.NRW	Offener Haushalt Offene Kommunen.NRW	12/11/2020	13/11/2020	A weekend long journalism training on data, european data, and finances		
Anna Alberts	Open Knowledge	Conference	Workshop	c'Republica	Subsidystories, c'Republica	8/5/2017	35/2017	The annual digital media and transparency conference	http://re:publica.de	
Anna Alberts	Open Knowledge	Conference	Workshop	OKF DE	Offener Haushalt Data Summit	28/4/2017	29/4/2020	The state of Open Data in Germany	http://datensummit.de	
Cécile LE GUEN	Open Knowledge	Hackathon / Data	DiploHack	DiploHack	EU Transparency / EU Structural Funds monitoring	29/04/2020				
Nick	Transparency Int	Hackathon / Data	Datedrive	DiploHack	Want to build an application that enables European	29/04/2020				
Charalampos Br Open Knowledge Hackathon	Open Knowledge	Hackathon	Data	Journal OKGR, Department of J	Using data (fiscal and other) and tools for investigation	3/13/2017				
Charalampos Br Open Knowledge Hackathon	Open Knowledge	Hackathon	Data	Data Harvest ECJ	European Structural Funds explorations and collecti	02/10/2020				
Anna Alberts	Open Knowledge	Hackathon / Data	Storyhunt	OKF DE	European Structural Funds explorations and collecti	02/10/2020				
Anna Alberts	Open Knowledge	Hackathon / Data	Storyhunt	OKF DE	European Structural Funds explorations and collecting dat					

Appendix IX: Articles

Article (Newspaper, Blog, Conference Papers, etc.)	Name and type	Date	Language	Link to article (or fragment if of views, tweets, other available metrics)
Dana Kretz OKI	Interview	Blog	How participatory budgeting can help combat corruption	G02/02/2016 English http://www.openbudgets.eu/article/1045/02/2016/public-sector-accounting-in-europe/
Nicolas Kavvouni E+2+	Article	Blog	How participatory budgeting can help combat corruption	12/10/2016 English http://www.openbudgets.eu/article/1045/10/2016/1000-views
Nicolas Kavvouni E+2+	Article	Newspaper	How participatory budgeting can help combat corruption	12/10/2016 en https://www.euractiv.com/more/more_and_governance/long_around_a_new_strategy_is_needed
Outlets				
Politique-Payback Ryan Hoste	Brussels	Language	Title	Mult. Priority
Malta Today Miran Dalli	Malta	English	MEPs' NOTE AGENDA: More expenses	NA quote
Malta Today Miran Dalli	Malta	English	Pl. ramps up pre MEP expenses	NA quote
Malta Today Tim Dacorne	Malta	English	Bustoli pledges MEP expenses	NA quote
ONE TV János Erk	Macedonia	English	MEPs' NOTE AGENDA: More expenses	NA quote
Malta Today Kevin Schenck	Malta	English	Watch: PM, agent MEP expenses	TI mention
Politics-Croix Harry Cooper	Brussels	French	Maltese MEPs to MEP expenses	NA quote
One Malta János Bartfai	Malta	Maltese	OPINANDO: JOKER: MEP expenses	NA quote
Malta Today Miran Dalli	Malta	English	Labour accuses MEP expenses	NA quote
Kuhfest M. Macedonia Online	Macedonia	English	ILPN Bi SKEME MEP expenses	TI mention
RTBF Radio Jean-Eriksson	Brussels	French	EU MEPs claim MEP expenses	TI mention
BT Andreas Karker	Denmark	Danish	Messenehmde MEP expenses	NA quote
Sputnik Russia	Russia	English	MEPs' claim MEP expenses	TI mention
Monica Novelli Bart Verheugt	Belgium	English	MEPs' NOTE AGENDA: More expenses	NA quote
Deutsche Welle Ben Knight	Germany	English	German SPD on MEP expenses	NA quote
RTBF Radio S. Caverne	Belgium	French	Parlement europe: MEP Expenses	NA quote
Le Monde Jean-Baptiste Ollivier	France	French	La dépense des députés européens	NA quote
Sputnik France	France	French	MEPs' NOTE AGENDA: More expenses	NA quote
Berlingske Martin Borch Thøgersen	Denmark	English	Calls for MEP Expenses	NA mention
Berlingske Martin Borch Thøgersen	Denmark	Danish	Denmark MEP expenses	NA mention
DR Sørensen	Denmark	Danish	MEPs' NOTE AGENDA: More expenses	NA mention
rebelista Štefan Jemniček Slovakia	Slovakia	English	Rita Roma Keri! MEP expenses	NA mention
Sputnik Russia	Russia	English	MEPs' NOTE AGENDA: More expenses	NA quote
Politico Ryan Heath	Brussels	English	MEPs' NOTE AGENDA: More expenses	TI mention
Afifezu António Konradsz Hungary	Hungary	English	European Parliament MEP expenses	NA quote
RTBF Radio Kristian Dedić	Denmark	Danish	MEP expenses	NA quote
Afifezu António Konradsz	Hungary	Hungarian	Nyomásra vannak az európai parlamenti képviselők a költségvetés kreatív konzervációra?	NA quote
ATRANES Erkki Katai	Hungary	Hungarian	Nem használ el az európai parlament a költségvetés kreatív konzervációja?	NA quote
CEO Stefan Dahlitz	Denmark	Danish	Hør et EU-parat MEP expenses	NA quote
MOT Tjark Reitzenbach	Denmark	Danish	Modtaget: Et parat MEP expenses	NA quote
Le Jeudi Déphine Rauzier Luxembourg	Luxembourg	French	Enquête sur les MEP expenses	NA quote
Dore Aruša Dedić Slovenia	Slovenia	Slovene	Eposztály: MEP expenses	NA quote
Expresso Vítor Gómez Portugal	Portugal	Portuguese	Shambor: Hu MEP expenses	NA quote
MOT Mireia Llorente Fernández Spain	Spain	Spanish	EU MEPs' budget: MEP expenses	NA quote
Politico Ryan Heath	Brussels	English	MEPs' NOTE AGENDA: More expenses	NA quote
Expresso Álvaro Cuthbertson UK	UK	English	MEPs' NOTE AGENDA: More expenses	NA quote
DUSTL Peter Austria	Austria	German	Europäische Politiker fordern mehr für die Arbeit im Parlament	NA quote
Diplomatic Intelligence De Oxfam Austria	Austria	English	European Parliament MEP expenses	NA quote
Kiosk Radio Kristof Clerix	Belgium	French	Knack ordeneert meer voor de arbeid in het Europees Parlement	NA quote
Le Vif Kristof Clerix	Belgium	French	Parlement europe: MEP expenses	NA quote
Metro Kristof Clerix	Belgium	French	Onbemande MEP expenses	NA quote
EuroPresso M. Project	Brussels	Portuguese	MEPs' budget: MEP expenses	NA quote
CEO Stefan Dahlitz	Denmark	Danish	Støtte til EU-parat MEP expenses	NA quote
MOT Tina Lundell Fernand Finland	Finnish	Finnish	Euroedullisuus ja MEP expenses	NA quote
Le Post Lukas Hirsch Germany	Germany	German	MEPs' NOTE AGENDA: More expenses	NA quote
Bundeskommunikation Demokratie Gute Germany	Germany	German	Unbekanntes Brüder MEP expenses	NA quote
Stem Hans-Martin Tiss Germany	Germany	German	Wie sich deutsche MEP expenses	NA quote
Torsten A. Germany	Germany	German	Europäischer Partei: mehr für die Arbeit im Parlament	NA quote
EU news Mathe Gudi	Iraq	English	Offizielle fahrt? MEP expenses	NA quote
re:Balance Svenja Dedić Latvia	Latvia	Latvian	Pieci Latvijas vienību MEP expenses	NA quote
Dore Aruša Dedić Slovenia	Slovenia	Slovene	Europanec: MEP expenses	NA quote
el Confidencial Marcos García R. Spain	Spain	Spanish	Los eurodiputados MEP expenses	NA quote
La Vanguardia La Vanguardia Spain	Spain	Spanish	Transparencia IM MEP expenses	NA quote
OCDE OCDE	EU	French	EU MEPs' budget: MEP expenses	NA quote
Bivo Bulgaria Bulgarian-English Pădureanu MEP expenses	Bulgaria	English	MEPs' NOTE AGENDA: More expenses	NA quote
Investigating Reporting Denmark	Denmark	English	Citizens pay for a MEP office?	NA quote
El País Oxfam Nelson Dalli	Brussels	English	Le Pen's EU MEP expenses	NA quote
Politico-Payback Miran Dalli	Malta	English	MEPs' NOTE AGENDA: More expenses	NA quote
Malta Today Miran Dalli	Malta	English	Pl. ramps up pre MEP expenses	NA quote
Politico Ryan Cooper	Brussels	English	Maltese MEPs to MEP expenses	NA quote
Malta Today Tim Dacorne	Malta	English	Bustoli pledges MEP expenses	NA quote
ONE TV János Erk	Macedonia	English	METSOLO Bi KE MEP expenses	NA quote
Malta Today János Erk	Macedonia	English	Watch: PM, agent MEP expenses	TI mention
ONE TV János Erk	Macedonia	English	MEPs' NOTE AGENDA: More expenses	NA quote
Malta Today János Erk	Macedonia	English	MEPs' NOTE AGENDA: More expenses	NA quote
MONNA Macedonia Online Monika Novelli	Macedonia	English	EU MEPs claim MEP expenses	TI mention
Malta Today Miran Dalli	Malta	English	Labour accuses MEP expenses	TI mention
Kuhfest M. Macedonia Online	Macedonia	English	ILPN Bi SKEME MEP expenses	TI mention
Malta Today Miran Dalli	Malta	English	MEPs' NOTE AGENDA: More expenses	NA quote
BT Andreas Karker	Denmark	Danish	Messenehmde MEP expenses	NA quote
Sputnik Russia	Russia	English	MEPs' NOTE AGENDA: More expenses	NA quote
Malta Today Matthew Vella	Malta	English	MEPs' NOTE AGENDA: More expenses	NA quote
MONNA Macedonia Online Monika Novelli	Macedonia	English	EU MEPs claim MEP expenses	NA quote
Malta Today Miran Dalli	Malta	English	MEPs' NOTE AGENDA: More expenses	NA quote
Kuhfest M. Macedonia Online	Macedonia	English	ILPN Bi SKEME MEP expenses	TI mention
Malta Today Miran Dalli	Malta	English	MEPs' NOTE AGENDA: More expenses	NA quote
BT Andreas Karker	Denmark	Danish	Danske EP-med	NA quote
Sputnik Russia	Russia	English	Danske politiker til MEP expenses	NA mention
Berlingske Martin Borch Thøgersen	Denmark	English	Het Europees PV MEP expenses	NA quote
DR Sørensen Sørensen	Denmark	Danish	Rita Roma Keri! MEP expenses	NA quote
rebelista Štefan Jemniček Slovakia	Slovakia	English	MEPs' NOTE AGENDA: More expenses	NA quote
Sputnik Russia	Russia	English	Group: Anger MEP expenses	TI mention
Politico EU Ryan Heath	Brussels	English	Payback: MEP expenses	NA quote
Wall Street Journal Mattis Schneider	Brussels	English	The Voter Spook MEP allowances	TI mention
Spanien	Spain	Spanish	Obsequios en el MEP expenses	NA quote
OCDE Greece	Greece	Greek	Oboesquios en el MEP	NA quote
				http://www.euractiv.com/article/1045/02/2016/1000-views
				http://www.euractiv.com/article/1045/10/2016/1000-views

Appendix X: Number of views generated for the online screencasts, manuals, and tutorials online

Page	Page Views	Unique Page Views	Avg. Time on Page	Entrances	Bounce Rate	% Exit
/tools/	3,032	1,532	00:02:01	360	61.39%	33.25%
/about/technical-structure/	931	836	00:01:55	211	76.78%	37.16%
/post/2017/04/04/esif-data-quality/	617	500	00:03:22	447	84.12%	73.10%
/post/2016/11/18/OBEU-prototype-launch/	598	471	00:01:37	98	65.31%	35.62%
/resources/2016/07/11/making-budget	501	453	00:02:52	354	90.11%	77.84%

s-attractive/							
/post/2016/04/26/challenges-around-participatory-budgeting/	473	420	00:02:12	365	84.66%	76.74%	
/post/2016/06/14/tracing-eu-funds/	430	387	00:04:29	292	90.07%	79.07%	
/post/2016/06/09/how-can-we-track-EU-spending/	353	305	00:02:36	251	76.49%	68.27%	
/post/2016/07/20/comparing-money-across-time-and-space/	325	240	00:01:31	141	91.49%	55.69%	
/post/2016/03/30/visualize-budget-data/	324	295	00:02:00	240	82.92%	71.30%	
/post/2016/02/02/public-sector-accounting-in-Europe/	307	275	00:03:30	249	87.55%	78.50%	
/resources/2015/09/01/mapping-budget-data-report/	208	196	00:01:42	28	78.57%	44.71%	
/resources/2015/07/01/where-does-europe-money-go/	180	174	00:01:55	14	85.71%	54.44%	
/post/2016/11/04/participatory-budgeting-tools/	177	154	00:03:39	94	79.79%	62.71%	
/post/2017/01/30/meps-expenses/	160	142	00:02:25	77	85.71%	61.88%	
/post/2016/10/28/cooking-budgets/	151	137	00:01:59	72	84.72%	70.86%	
/post/2016/11/17/indigo-r	141	106	00:01:56	28	53.57%	49.65%	

released/							
/upload/	133	56	00:00:43	32	87.50%	27.82%	
/post/2017/09/15/obeu-for-datawranglers/	98	44	00:00:20	4	75.00%	17.35%	
/post/2016/10/30/openbudgetseu_data_model/	58	6	00:02:05	4	0.00%	3.45%	
Alignment	81	https://www.youtube.com/watch?v=SRJlg3OyZMw					
LinkedPipes ETL	329	https://www.youtube.com/watch?v=byf0ItDOBxA					
KPI	75	https://www.youtube.com/watch?v=FY6IPuxlbOQ					
Indigo	23	https://www.youtube.com/watch?v=GpSSZ9ysqrs					
OpenSpending Tech Hangout	90	https://www.youtube.com/watch?v=d6f14Tc7BUY					
Third action plan	103	https://www.youtube.com/watch?time_continue=1&v=Cpk6x-Xkjqs					
Labs Hangout	78	https://www.youtube.com/watch?v=KKlpE91O0YQ					
OBEU: Platform overview	52	https://www.youtube.com/watch?v=PVeVza7A51M					
OBEU: Indigo Tutorial	226	https://www.youtube.com/watch?v=s2JzqX7c5WU					
OBEU: ERDF ESF Backgroud	125	https://www.youtube.com/watch?v=hR6HKLCSzA0					
OBEU: Sourcing the data	64	https://www.youtube.com/watch?v=0zdys4IQlwA					
OBEU: Intro to github	79	https://www.youtube.com/watch?v=ehaWAeFqgm8					

Github Tutorial #1	561	https://www.youtube.com/watch?v=6IGitUBUK5s				
Kickoff Meeting Subsidy Data	78	https://www.youtube.com/watch?v=iBLjyA3AR2Y				

Appendix XI: Scientific Publications (complete)

1. Kuchař, J.; Svátek, V. Spotlighting Anomalies using Frequent Patterns, In: KDD 2017 Workshop on Anomaly Detection in Finance. Proceedings of Machine Learning Research, 2017. vol. 71. (W)
2. Kuchař, J.; Ashenfelter, A.; Kliegr, T. Outlier (Anomaly) Detection Modelling in PMML, In: RuleML+RR 2017 - Doctoral Consortium, Challenge, Industry Track, Tutorials and Posters. Aachen: CEUR Workshop Proceedings, 2017. vol. 1875. ISSN 1613-0073. (W)
3. Vojíř, S.; Zeman, V.; Kuchař, J.; Kliegr, T. Using EasyMiner API for Financial Data Analysis in the OpenBudgets.eu Project, In: RuleML+RR 2017 - Doctoral Consortium, Challenge, Industry Track, Tutorials and Posters. Aachen: CEUR Workshop Proceedings, 2017. vol. 1875. ISSN 1613-0073. (W)
4. Vojíř, S.; Zeman, V.; Kuchař, J.; Kliegr, T. Využití EasyMiner API v projektu OpenBudgets.eu, In: Data a znalosti 2017. Plzeň: Západočeská univerzita v Plzni, 2017. pp. 56-60. ISBN 978-80-261-0720-0. (C)
5. Kliegr, T.; Kuchař, J.; Vojíř, S.; Zeman, V. EasyMiner – Short History of Research and Current Development, In: ITAT 2017: Information Technologies – Applications and Theory. Aachen: CEUR Workshop Proceedings, 2017. pp. 235-239. vol. 1885. ISSN 1613-0073. (W)
6. Marek Dudáš, Vojtech Svátek: Ontology Reuse Decision Support: Visualize the Ontology or its Usage? VOILA@ISWC 2017: 13-19 (W)
7. Ondrej Zamazal: Towards Automatic Classification of EU Projects for Supporting Open Fiscal Data Analysis. International Semantic Web Conference (Posters, Demos & Industry Tracks) 2017 (P)
8. Jindrich Mynarz, Vojtech Svátek, Sotirios Karampatakis, Jakub Klímek, Charalampos Bratsas: Modeling fiscal data with the Data Cube Vocabulary. SEMANTiCS (Posters, Demos, SuCESS) 2016 (P)
9. Panagiotis-Marios Philippides, Sotirios Karampatakis, Lazaros Ioannidis, Jindrich Mynarz, Vojtech Svátek, Charalampos Bratsas: Towards Budget Comparative Analysis: the need for Fiscal Codelists as Linked Data. SEMANTiCS (Posters, Demos, SuCESS) 2016 (P)
10. Jakub Klímek, Petr Skoda, Martin Necaský: LinkedPipes ETL: Evolved Linked Data Preparation. ESWC (Satellite Events) 2016: 95-100 (C)
11. Jindřich Mynarz, Jakub Klímek, Marek Dudas, Petr Škoda, Christiane Engels, Fathoni A. Musyaffa, Vojtěch Svátek: Reusable transformations of Data Cube Vocabulary datasets from the fiscal domain. In: Proceedings of the 4th International Workshop on Semantic Statistics, co-located with 15th International Semantic Web Conference (ISWC 2016) (C)
12. Bohuslav Koukal, David Chudán and Vojtěch Svátek: OLAP Recommender: Supporting Navigation in OLAP Cubes Using Association Rule Mining. In: Data a znalosti 2017. Plzeň: Západočeská univerzita v Plzni, 2017. ISBN 978-80-261-0720-0. (C)
13. Ondřej Zamazal: Automatizace klasifikace evropských projektů pomocí klasifikátoru. In: Data a znalosti 2017. Plzeň: Západočeská univerzita v Plzni, 2017. ISBN 978-80-261-0720-0. (C)
14. [T. Large-Scale Data- and Knowledge-Centered Systems 27](#): 84-110 (2016) (J)

15. [ICEGOV 2016](#), Montevideo, Uruguay, March 1-3, 2016 (C)
16. [HICSS 2016](#): Hawaii, USA, Jan 5-8, 2016 (C)
17. SEMANTICS '17, Amsterdam, 11.09.2017 – 14.09.2017 (P)
18. ICEGOV 2017, Galway, Irland, April 2018 (C)
19. [Panagiotis-Marios Filippidis](#), [Sotirios Karampatakis](#), [Kleanthis Koupidis](#), [Lazaros Ioannidis](#), Charalampos Bratsas: The code lists case: Identifying and linking the key parts of fiscal datasets. [SMAP 2016](#): 165-170 (C)
20. [Kleanthis Koupidis](#), Charalampos Bratsas, [Sotirios Karampatakis](#), [Anastasia Martzopoulou](#), [Ioannis Antoniou](#): Fiscal Knowledge discovery in Municipalities of Athens and Thessaloniki via Linked Open Data. [SMAP 2016](#): 171-176 (C)
21. [Lazaros Ioannidis](#), Charalampos Bratsas, [Sotiris Karabatakis](#), [Panagiotis Filippidis](#), [Panagiotis D. Bamidis](#): Rudolf: An HTTP API for exposing semantically represented fiscal OLAP cubes. [SMAP 2016](#): 177-182 ©
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23. ONDŘEJ, Zamazal. Automatizace klasifikace evropských projektů pomocí klasifikátoru. In: DaZ 2017 [online]. Plzeň, 5.-6.10.2017. Vydává Západočeská univerzita v Plzni, 2017, pp. 141-145. ISBN: 978-80-261-0720-0. Available at: <https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf>
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OpenBudgets.eu

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Tool: Alignment

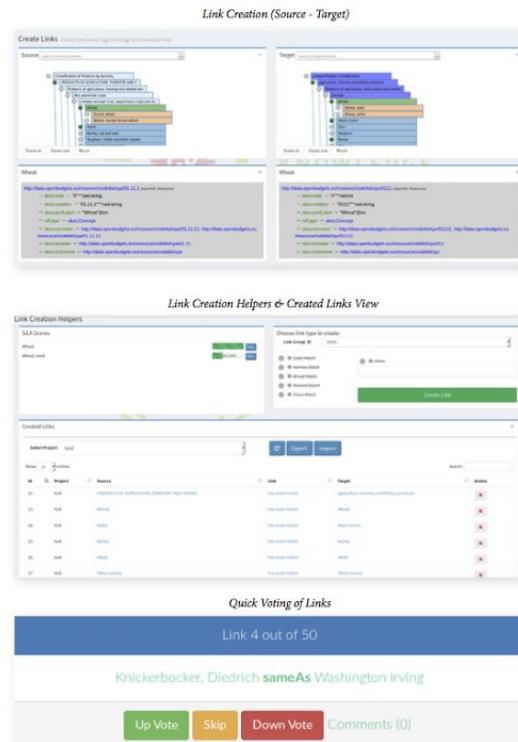
The power of Linked Data comes from the word **Linked!** Resources are linked to each other, with semantically defined relationships building large Knowledge Graphs. However, the links produced by an automated procedure are not always valid or impossible to retrieve algorithmically. This kind of work demands the experience and knowledge of domain experts, working collaboratively, to produce high quality and valid linksets.

This was a case we experienced when trying to match heterogeneous codelists, found in fiscal datasets. To this end, we developed **Alignment**, an application for online, collaborative, system aided manual entity linking. The tool can be used to manually create linksets between two knowledge graphs or to validate linksets. The web application offers a number of utilities to aid the procedure such as graph visualization as expandable/foldable tree, search bar, entity description and finally suggestions, based on matching algorithms integrating the power of Silk Link Framework.

The user can select a semantic meaning of the link by selecting from a number of predefined link types (e.g skos:related, skos:broadMatch, owl:sameAs etc) or provide a custom one. The application can be used also to crowd-source link validation using a voting system. You can upload links produced by an automated procedure or the application itself and create polls to check eligibility.

Follow the development of Alignment on our [repo](#) or try it, using our [public server](#).

This tool has been developed by [Open Knowledge Greece](#) on behalf of the Horizon 2020 funded research project [OpenBudgets.eu](#). Contact: Sotirios Karampatakis, karampatakis@okfn.gr



The screenshot displays the Alignment web application's interface. At the top, a header reads "Link Creation (Source - Target)". Below this, there are two main panels: "Create Links" and "Target". The "Create Links" panel shows a hierarchical tree structure of entities from a source dataset, with various link types (e.g., skos:related, owl:sameAs) being mapped to target entities. The "Target" panel shows a similar tree structure for the target dataset. In the center, a "Wheel" section provides a summary of the link creation process. Below these, the "Link Creation Helpers & Created Links View" section includes a "SLA Scores" table and a "Created Links" table where users can review and manage the links they've created. At the bottom, a "Quick Voting of Links" section allows users to vote on links, with a progress bar indicating "Link 4 out of 50".



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Openness and transparency can act as a disincentive to corruption and also as a motivation to citizen's participation. Citizens and other stakeholders usually stay outside the budget preparation process, impeded by factors such as lack of resources to influence decisions, lack of understanding of the different budget concepts, and ignorance of the approval process.

Openbudgets.eu's Participatory Budgeting Platform (PB Platform) address some of the problems identified by citizens and public administrations. The platform is designed to enable real participatory experiences and decision-making processes, providing solutions that are easy to implement by all stakeholders involved, thus strengthening the democratic process.

Tool: Participatory Budgeting Platform

This PB Platform is an open-source tool for public administrations to use when consulting their citizens about how to allocate the budget and approval. It provides public officers with the instruments to gather and effectively manage user feedback, enabling a greater degree of citizen involvement, engagement and participation in the budget decision-making and implementation processes. Public administrators can, among other tasks, create different proposals and categories, or add several tags to better identify proposals.

The [Voting tool](#) allows citizens to express their budget allocation priorities during the budget approval process, along the lines defined by each administration concerned. The voting page has been designed as an "All in one page", dynamically updated and with several filtering capabilities. A treemap visualization summarizes the decisions taken once voting is finished.

Screenshot of Voting Screen

The screenshot shows a treemap visualization where budget amounts are represented by the size of colored rectangles. A legend indicates budget categories: Environment Protection (green), Environment and Energy (blue), and Environment and Climate Change (orange). The total budget shown is 10,000.00 €.

The [Monitoring tool](#) helps citizens monitor budget transactions, compare budgeted figures vs. actual spending and give feedback to the administrators responsible for implementing the proposal. [Educational resources and learning materials](#) for citizens and administrators increase competences and capabilities, and assist them to make informed decisions.

Participatory Budgeting Platform is a tool that has been developed by [CiViO](#) on behalf of the Horizon 2020 funded research project OpenBudgets.eu. Contact: Amir Campos - amir@civio.es

The screenshot shows a list of proposals for voting. One proposal is highlighted: "Bike Lane in North Bridge" with a budget of 8,130.70 €. Another proposal listed is "Bike Lane in Pinetree Area" with a budget of 4,230.00 €. The interface includes a sidebar for filtering proposals by category like Environment, Energy, and Climate Change.

Project partners include:

- Fraunhofer IZI (<http://izt.fraunhofer.de/>) (Germany)
- Open Knowledge International (<http://okfn.org/>) (United Kingdom)
- Fundación Ciudadanos (<http://www.citidur.org/>) (Spain)
- Transparency International EU Office (<http://transparencyinternational.eu/>) (Belgium)
- Open Knowledge Foundation Deutschland (<http://okfd.de/>) (Germany)
- Vysoké učiliště v Praze (<http://www.vup.cz/>) (Czech Republic)
- Journaliste+ (<http://www.journalisteplus.org/>) (France / Germany)
- Universität Bonn (<http://www.uni-bonn.de/>) (Germany)
- Open Knowledge Greece (<http://www.oknogr.org/>) (Greece)

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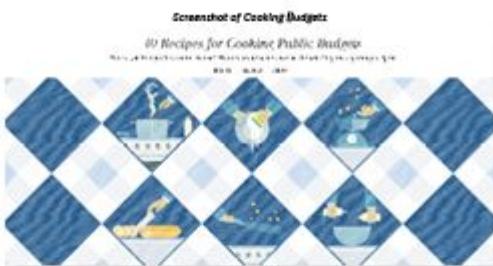
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Tool: Cooking Budgets

Budgets, in themselves, have little to say. Corruption and mismanagement happens most often outside budget data, in schemes and shadow dealings which cannot be unveiled by analyzing numbers. Investigators need in-depth knowledge of these practices to identify them when they see them and possibly automate their detection.



Cooking Budgets is a collection of worst-practices by public officials to enrich themselves or otherwise mismanage public funds. Each practice is abstracted from real-world examples into a "recipe" which is easy to read and comprehend.

The collection of tutorials range from the easiest schemes committed by public officials, such as using a professional credit card for personal use, to the most complex ones, such as using a combination of asset buy-back and emphyteutic lease to finance a third-party organization stealthily.



The tutorials are accompanied by another tool, to launch in March 2017, which will offer users an interactive exploration of the schemes by which public officials mismanage funds.

Cooking Budgets is a tool that has been developed by [Jplus](#) on behalf of the Horizon 2020 funded research project OpenBudgets.eu. Contact: Nicolas Kayser-Bril - nkb@jplusplus.org



Fraunhofer
IZI
<http://izl.fraunhofer.de/>
(Germany)



Open Knowledge
International
<http://okfn.org/>
(United Kingdom)



CiVIO
Garda dei Cittadini
<http://www.civio.it/>
(Italy)



Transparency International EU Office
<http://transparencyinternational.eu/>
(England)



Open Knowledge Foundation
Deutschland
<http://okfd.de/>
(Germany)



Výzkumný
Ústav
Ekonomiky
a Finanční
Politiky
<http://www.vup.cz/>
(Czech Republic)



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Universität Bonn
<http://www.uni-bonn.de/>
(Germany)



Open Knowledge
Greece
<http://www.okfn.gr/>
(Greece)

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Fiscal Data Mining Tools

As part of the OpenBudgets.eu solution a series of data mining tools have been developed, resulting in novel and powerful ways to gain insights into budget data.

1. Descriptive statistics

This class of tools helps users visualize clearly information derived from raw datasets, such as mean, range, variation, correlation, skewness, kurtosis, histogram, etc. Elegant graphical interfaces are provided. The tools are implemented in R and are freely available at <https://github.com/okgreece/DescriptiveStats.OBeu>

2. Time series analysis, prediction

This class of tools analyses stable patterns among a series of datasets within a specific time period and predicts possible patterns of future datasets in the same series. User-friendly graphical interfaces are provided. The tools are implemented in R and are freely available at <https://github.com/okgreece/TimeSeries.OBeu>

3. Clustering and similarity learning

European budget data may have internal patterns at different granularity levels. The tools in this class are aimed at grouping data items from different perspectives. Nice graphical interfaces are provided. The tools are implemented in R and are freely available at <https://github.com/okgreece/Cluster.OBeu>

4. Comparative analysis

The aim of this tool is to compare two or more (comparable) processes and data models. This tool calculates comparable matrices which evaluate the implemented models. Nice graphical interfaces are available.

5. Rule/pattern mining

This class of tools aims at identifying outlier data items in the user-selected datasets. Two outlier-detection tools are implemented. One is based on frequency and the other is based on local density. Two tools are implemented in R and Python respectively and are free for public access: <https://github.com/jaroslav-kuchar/fpmoutliers> (R) https://github.com/openbudgets/outlier_dm (Python)

6. Outlier/anomaly detection

This class of tools aims at identifying outlier data items in the user-selected datasets. Two outlier-detection tools are implemented, one is based on frequency, the other is based on local density. These two tools are implemented in R and Python respectively and are free for public access: <https://github.com/jaroslav-kuchar/fpmoutliers> (R) https://github.com/openbudgets/outlier_dm (Python)

These tools have been developed by Fraunhofer IAIS and University of Bonn on behalf of the Horizon 2020 funded research project OpenBudgets.eu. Contact: Tiansi Dong - tdong@uni-bonn.de, Alexandra Garatzogianni (Consortium Project Manager) Alexandra.Garatzogianni@iais.fraunhofer.de



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Tool: Indigo

When budgets are discussed, the focus is often on adaptations and changes to in the budget, in many cases as reflections of indications of changes in political priorities. Time-series analysis bring such changes in budget and spending data to light.

Open Knowledge Greece, a chapter of the Open Knowledge Network based in Thessaloniki and partner in OpenBudgets.eu has now developed an algorithm that does exactly that: time series analysis of budget data.



Screenshot of Indigo

An algorithm is a self-contained step-by-step set of operations that helps to process and analyse data. The time series algorithm is only the first to be developed as part the application Indigo. Users of

Indigo can apply different data processing functions to fiscal data sets to gain deeper insights.

Screenshot of Indigo



Screenshot of Indigo

Indigo is designed to work with OpenSpending out of the box, so that you can use it to analyze datasets in the public Open Spending repository or your own datasets, uploaded through the Open Spending packager. More algorithms will be developed and included into Indigo along with the ability to create and reuse custom fiscal indicators by combining aggregated data from various sources.

Indigo is a tool that has been developed by Open Knowledge Greece on behalf of the Horizon 2020 funded research project OpenBudgets.eu. Contact: larjohn@gmail.com

 Fraunhofer IZI <small>INSTITUTE FOR INTERDISCIPLINARY INFORMATION SYSTEMS</small> Fraunhofer IZI http://iz.uni-hannover.de/ (Germany)	 CIVIO <small>Citizen Innovation</small> CIVIO <small>Citizen Innovation</small> http://www.civio.org/ (United Kingdom)	 TRANSPARENCY INTERNATIONAL EU OFFICE <small>EU OFFICE FOR OPEN GOVERNANCE IN EUROPE</small> Transparency International EU Office http://transparencyinternational.eu/ (Belgium)	 OPEN KNOWLEDGE FOUNDATION DEUTSCHLAND <small>OPEN KNOWLEDGE FOUNDATION DEUTSCHLAND</small> Open Knowledge Foundation Deutschland http://okfn.de/ (Germany)	 Vysoká škola ekonomická v Praze <small>UNIVERSITY OF ECONOMICS AND COMMERCE PRAGUE</small> Vysoká škola ekonomická v Praze http://www.vut.cz/ (Czech Republic)	 JOURNALISM++ <small>Journalism++</small> http://www.journalismpp.org/ (France / Germany)	 UNIVERSITÄT BONN <small>UNIVERSITY OF BONN</small> Universität Bonn http://www.uni-bonn.de/ (Germany)	 OPEN KNOWLEDGE GREECE <small>OPEN KNOWLEDGE GREECE</small> Open Knowledge Greece http://www.oktagr.org/ (Greece)
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Tool: Key Performance Indicators (KPI)

What is the performance of my City in financial terms? How does my city finance compare to yours? How has this changed over years?

Key Performance Indicators (KPI) is a type of performance measurement, a set of quantifiable measures used to gauge an organization's or company's performance over time.

On the case of Public Administration Organizations, KPIs can provide useful information about an organization's performance. Data in raw format, can be difficult to handle by average people. KPIs are a compressed form of information. Huge volume of fiscal data can be summarized in a standardized way, offering a quick overview and better understanding over an authority's effectiveness and performance, as it is reflected by the published fiscal data.

We developed an application to manage and visualize [KPIs](#). The application consists of a frontend for the visualization of KPIs and comparative analysis, an Administration Panel to build and define a KPI and a PHP API as a backend. The

backend communicates with a remote SPARQL Endpoint or an OpenSpending compatible Endpoint, in order to fetch data and metadata for presentation on the frontend. The API has the ability to retrieve data from the LOD cloud (DBpedia or other), such as municipality's population, label and geo-information (polygons, longitude and latitude) where needed.

This tool has been developed by [Open Knowledge Greece](#) on behalf of the Horizon 2020 funded research project [OpenBudgets.eu](#). Contact: Sotirios Karampatakis, karampatakis@okfn.gr



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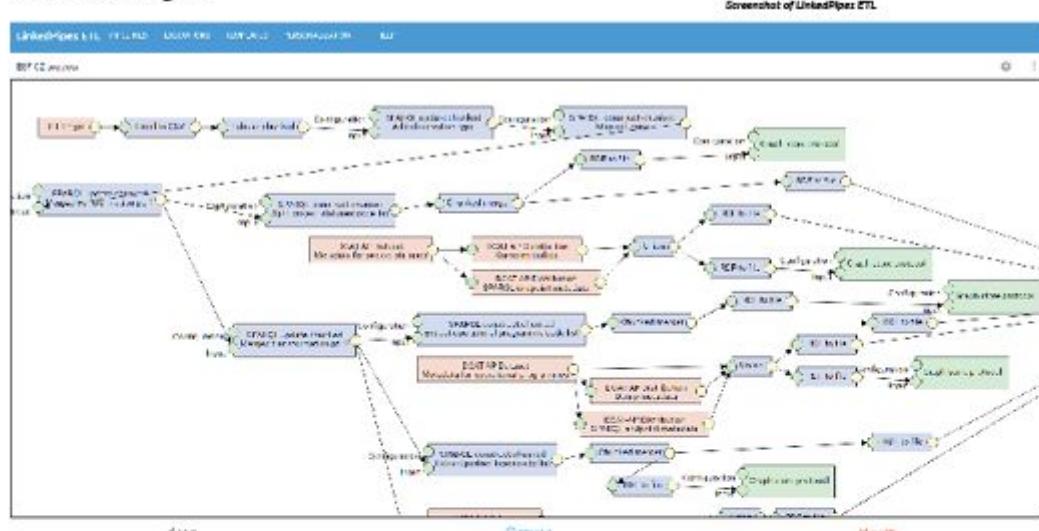
Tool: LinkedPipes ETL

Behind the scenes of budget analyses, raw data needs to be handled, and to achieve transparency, data needs to be published on the web. Recently, standards for publishing various kinds of data on the web have been developed.

LinkedPipes ETL is a tool for handling and publishing web data primarily in RDF according to the Linked Open Data principles. It focuses on recent web standards and ease of use for data wranglers.

A library of reusable data transformation components is available, including documentation and examples on the web.

LinkedPipes ETL is a tool that has been contributed to by [University of Economics Prague](#) on behalf of the Horizon 2020 funded research project [OpenBudgets.eu](#). Contact: Jakub Klimek - klimek@openbudgets.cz



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Microsite

This tool offers to the EU municipalities a Software-as-a-Service (SaaS) solution that will allow to their citizens to visualize, interact and exchange about the Budget and Spending patterns of their towns, cities and countries.

This microsite, which is configured during the project, can be embedded into the municipalities' websites in order to provide this service to their citizens. The administration site should be only used by the employees of the municipality

with regard to the configuration of their microsites. It is set up using Django and AngularJS. To learn more try the [Microsite Demo & Admin Interface](#) or look at the [Repository](#).

This tool has been developed by [Fraunhofer IAI](#) and [University of Bonn](#) on behalf of the Horizon 2020 funded research project OpenBudgets.eu. Contact: Jean Piero Hernández Meze - jeanpierohm@gmail.com



 The project has received funding from the European Union's H2020 EU research and innovation programme under grant agreement No 645833.

OpenBudgets.eu

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Open Spending

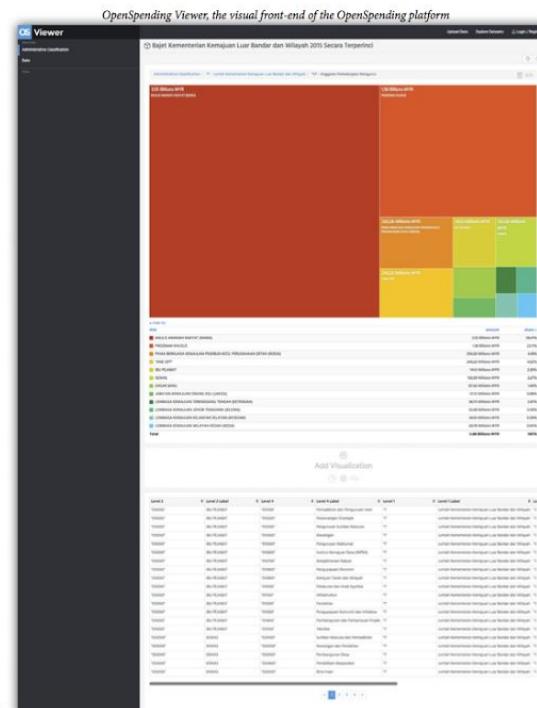
OpenSpending is a platform that offers a set of components for working with fiscal data.

While OpenBudgets.eu as a whole is a set of extensions on and around the core OpenSpending platform, mostly around serialising data as RDF and doing specialised data analysis, the OpenSpending core has been developed and extended as part of the project.

Key components include:

- OS Packager, an interactive data modeller that enables annotation of raw fiscal data into a semantic model that is serialised as Fiscal Data Package.
<http://next.openspending.org/packager/>
- OS Viewer, a powerful application for the visualisation of fiscal data in a variety of formats
<http://next.openspending.org/viewer/>
- OS API, a rich API for querying fiscal data, used directly in the **OBEU microsite**, and used for developing the API-compatible tools in the RDF components of the OpenBudgets.eu platform, Rudolf and Indigo
- OS Explorer, an app to search and discover datasets loaded into the OpenSpending platform
<http://next.openspending.org/explorer/>

OpenSpending is a tool that has been developed by **Open Knowledge International**. Several features developed on behalf of the Horizon 2020 funded research project **OpenBudgets.eu** will be integrated into OpenSpending and vice versa. Contact: Diana Krebs - diana.krebs@okfn.org



 The project has received funding from the European Union's H2020 EU research and innovation programme under grant agreement No 645833.

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Tool: RDFBrowser

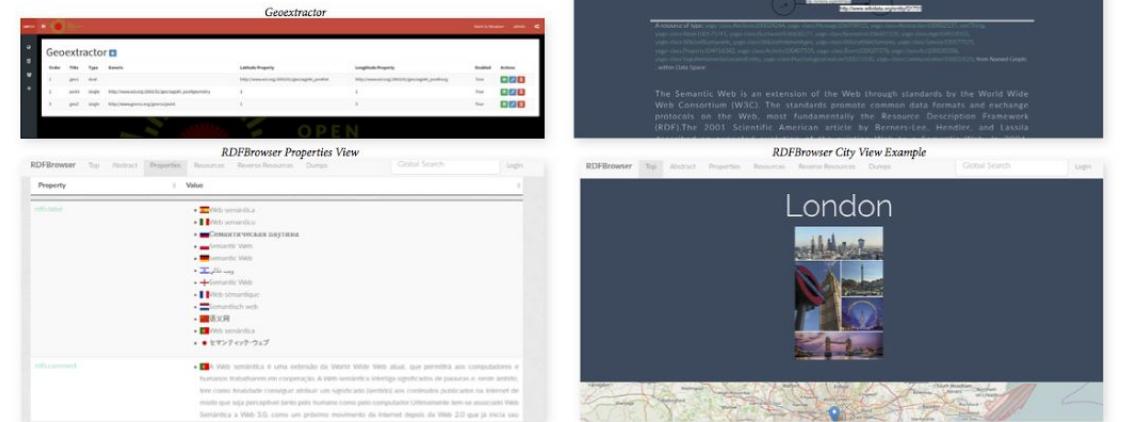
One of the main challenges of Linked Data deployment, is publishing them on the Web. The reason we give HTTP [IRIs](#) as names to resources is that both humans and machines should be able to lookup on these identifiers and get proper descriptions of the resources. Where proper means that it should be on the desired format. While there exist feature rich solutions, handling HTML representation and content negotiation, partially or fully, there are situations where deployment is triple store or environment dependent.

We have developed RDFBrowser, an open source content negotiator and HTML description generator for RDF resources. RDFBrowser is a PHP web application, able to be deployed in most environments out of the box with minimum effort, lowering the barrier for publishing Linked Data on the Web. The feature rich HTML generator offers multilingual support, language

detection, picture galleries, geo-information features and content filtering. All aspects of the application can be configured by an administrator panel on the fly, reducing administrative effort. The built-in triple store can be used to deploy small to medium(20M triples) LD datasets utilizing just PHP and MySQL database.

Follow the development of RDFBrowser on our [repo](#).

This tool has been developed by [Open Knowledge Greece](#) on behalf of the Horizon 2020 funded research project [OpenBudgets.eu](#). Contact: Sotiris Karampatakis, karampatakis@okfn.gr



The screenshot shows the RDFBrowser interface. At the top, there's a navigation bar with links like 'RDF Browser', 'Top', 'Abstract', 'Properties', 'Resources', 'Resource Resources', 'Ontology', 'Global Search', and 'Login'. Below the navigation, there are two main sections. On the left, the 'Geoextractor' tool is displayed, showing a list of resources with columns for 'Index', 'Title', 'Type', 'Actions', 'Latitude Property', and 'Longitude Property'. One item is highlighted: '1. geo1' with type 'http://www.w3.org/2003/01/geo/rdf#point'. On the right, a 'Semantic Web' diagram is shown, illustrating the structure of the Web of Data. It features nodes for 'Planck', 'Higgs boson', 'Proton', 'Neutron', and 'Electron', connected by arrows labeled 'http://www.w3.org/2002/07/owl#sameAs' and 'http://www.w3.org/2002/07/owl#differentFrom'. Below the diagram, there's a detailed description of the Semantic Web and its standards.



The bottom section of the page displays logos of the project partners. From left to right, they are: Fraunhofer IAIS (Germany), Open Knowledge International (United Kingdom), CIVIO Fundación Ciudadana Civio (Spain), Transparency International EU Office (Belgium), Open Knowledge Foundation Deutschland (Germany), Vysoká škola ekonomická v Praze (Czech Republic), Journalism++ (France / Germany), Universität Bonn (Germany), and Open Knowledge Greece (Greece). Each logo includes the name of the organization and its location in parentheses.

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Appendix XIII: Press Releases

Pressrelease													
Your Name	Your Organisation	Type of activity	Title	Name and type c	Date	Short description	Language						
Amir Campos	CIVIO	Press Release	Openbudgets.eu Online Press Rel	Platform Beta La Spanish	21/11/2016	Piattaforma Beta in Spagnolo	Spanish	http://openbudgets.eu/assets/press_releases/ES_OBEU_Beta_Launch.pdf					
Amir Campos	CIVIO	Press Release	OpenBudgets ab Online Press Rel	LST Call for Tenx Spanish	16/11/2016	LST Call for Tenx in Spagnolo	Spanish	http://openbudgets.eu/assets/press_releases/ES_Call_for_Large_Scale_Trials_OBEU.pdf					
Charalampos Brz	Open Knowledge Press Release	ΔΕΑΤΙΟ ΤΥΠΟΥ OBEU Website	To έργο Openbu	Online Press Rel	10/11/2015]	Greek	Greek	http://openbudgets.eu/assets/press_releases/pr1-greek.pdf					
Charalampos Brz	Open Knowledge Press Release	To έργο Openbu	Online Press Rel	f	21/11/2016	Greek	Greek	http://openbudgets.eu/assets/press_releases/GR_OBEU_Beta_Launch.pdf					
Charalampos Brz	Open Knowledge Press Release	Avoixtή πρόσκλη	Online Press Rel	LST	16/11/2016	Greek	Greek	http://openbudgets.eu/assets/press_releases/GR_Call_for_Large_Scale_Trials_OBEU.pdf					
Charalampos Brz	Open Knowledge Press Release	Openbudgets.eu OBEU Website	UEP is participat	web page	07/09/17	OBEU Launch	Greek	https://goo.gl/Xc6psA					
Vojtěch Svátek,	I University of Eco Press Release	Tisková zpráva	UEP is participat	czech	11/11/2015	Introducing Oper	czech	http://www.vse.cz/zpravodaj/1214					
David Chudán	University of Eco Press Release	Tisková zpráva - Online Press Rel	Tisková zpráva	1 CZ	21/11/2016	Platform launch	CZ	http://openbudgets.eu/assets/press_releases/CZ_Call_for_Large_Scale_Trials_OBEU.pdf					
David Chudán	University of Eco Press Release	Tisková zpráva	1 Online Press Rel	Large Scale Trial CZ	17/11/2016	Large Scale Trial CZ	CZ	http://openbudgets.eu/assets/press_releases/CZ_Call_for_Large_Scale_Trials_OBEU.pdf					
Bela Seeger	Open Knowledge Press Release	Openbudgets.eu OBEU Website	Prototype Launc	OKF DE Press m	10/11/2015	Berlin, Novembe	English	http://openbudgets.eu/post/2015/11/10/openbudgets-press-release/					
Bela Seeger	Open Knowledge Press Release	Prototype Launc	OKF DE Press m	LST	21/11/2016	Prototype Launc	German	http://us5.campaign-archive1.com/?u=929f1e07936386d34833e20d1&id=c7286743af					
Bela Seeger	Open Knowledge Press Release	Openbudgets.eu Online Press Rel	Openbudgets.eu Online Press Rel	Platform Beta La German	11/11/2016	Platform Beta in German	German	http://openbudgets.eu/assets/press_releases/DE_OBEU_Beta_Launch.pdf					
Bela Seeger	Open Knowledge Press Release	OpenBudgets ve	Online Press Rel	LST Call for Ten	16/11/2016	Platform Beta in German	German	http://openbudgets.eu/assets/press_releases/DE_Call_for_Large_Scale_Trials_OBEU.pdf					
Bela Seeger	Open Knowledge Press Release	Openbudgets.eu Online Press Rel	Openbudgets.eu Online Press Rel	Platform Beta La English	21/11/2016	Platform Beta in English	English	http://openbudgets.eu/assets/press_releases/EN_OBEU_Beta_Launch.pdf					
Bela Seeger	Open Knowledge Press Release	Openbudgets ter	Online Press Rel	LST Call for Ten	16/11/2016	Platform Beta in English	English	http://openbudgets.eu/assets/press_releases/EN_Call_for_Large_Scale_Trials_OBEU.pdf					
David Chudán	University of Eco Press Release	OpenBudgets fin	Online Press Rel	Platform release	10/10/2017	Platform release	Czech	http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf					
Charalampos Brz	Open Knowledge Press Release	OpenBudgets final platform release	OpenBudgets final platform release	Platform release	10/10/2017	Platform release	Greek	http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf					
Amir Campos	CIVIO	Press Release	OpenBudgets fin	Online Press Rel	10/10/2017	Platform release	Spanish	http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf					
Bela Seeger	Open Knowledge Press Release	OpenBudgets final platform release	OpenBudgets final platform release	Platform release	10/10/2017	Platform release	english	http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf					
Bela Seeger	Open Knowledge Press Release	OpenBudgets ter	Online Press Rel	Platform release	10/10/2017	Platform release	German	http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf					
Nicolas Kayser-E J++	Press Release	Lancement d'Op	OBEU Website	plateforme de pr	10/11/2015	le 1 er novembre 201	French	http://openbudgets.eu/assets/press_releases/pr1-french.pdf					
Nicolas Kayser-E J++	Press Release	OpenBudgets.eu	Online Press Rel	Platform Beta La	21/11/2016	Platform Beta in French	French	http://openbudgets.eu/assets/press_releases/FR_OBEU_Beta_Launch.pdf					

Appendix XIV: Round Table-Discussions

Round-table discussion												
Your Name	Your Organisation	Type of activity	Type of Round-table die	Date	Organiser	# of atte	Type of audience / stake	# of flyers handed out	(a # of fact-h	Outcomes / Outputs	Relevance to Open Budgets	Links to your notes
Charalampos Bratas	Open Knowledge Greece	demonstration meeting	Private	30/07/2017	Vice-mayor and perso	Preservation of OBEU pilot results to the municipality of Thessaloniki. The demonstration meeting was an important occasion to learn about the usage of OBEU from the view of administration.						
Anna Alberts	Open Knowledge German	Round-table discussion	Closed	04/10/2016	OBEU Stakeholder Works Project	Makers, CSOs / NGOs, Academia, Open Data Community	The kick-off stakeholder meeting provided valuable insights and feedbacks for OBEU.					
Luise Sedlmaier	University of Economics	Round-table discussion	Open	18/02/2018	Fond Daskalakis M	50 Policy Makers, CSOs / NGOs, Academia, Open Data Community	It is important to find out a way to ensure privacy of individuals (i.e. the name and date of birth of a person whose funeral paid the government should not be public).					
Johanna zum Felde	Open Knowledge Germany	Round-table discussion	Closed	10/10/2016	German Ministry	15 Policy Makers, CSOs / NGOs, Civil Society, Academia	Maintaining importance of open budget information for our work.					
Anna Alberts	Open Knowledge German	Round-table discussion	Closed	07/03/2016	Open Data Foundation	12 Policy Makers, CSOs / NGOs, Academia, Stakeholder Board OBEU	An introduction of the OBEU project was presented as an example of how to use linked open data in the public sector.					
Johanna Myrzak	University of Economics	Presentation / Lightning T	Closed	19/02/2016	Overhead projec	81 Policy Makers, Czech Supreme Audit Office	An introduction of the OBEU project was presented as an example use of linked open data in the public sector.					
Luise Sedlmaier	University of Economics	Presentation / Lightning T	Open	10/12/2017	Ideální rápid pr	17 Policy Makers, Civil Society	Link between accountability and transparency, increasing public interest through new technologies such as OpenBudgets.eu and open data, experiences from participatory budgeting in the district Praha 10.					
Michael Peter	Open Knowledge German	Round-table	Open	13/03/2017	PD-CEE 2017	10 20 stakeholders	Inputs in the sub-project subdomains for Central and Eastern Europe					
Anna Alberts	Open Knowledge German	Round-table	Open	10/11/2017	Open Data Day	49 Data Providers, IT Experts, CSOs / NGOs	Inputs in the sub-project subdomains for Central and Eastern Europe					
Anna Alberts and Michael Peter	Open Knowledge German	Round-table	Open	4/10/2017	Berlin Open Data	50 Data Providers, IT Experts, CSOs / NGOs	Input and new angles for Open Budget data and its requirements in Berlin and linking it to government and participation initiatives in the city					
Anna Alberts	Open Knowledge German Roundtable	Open	16/10/2016	OpenData.eu	10 Civic Tech, Administration, Private Sector		Exchange of budget visualisations in Europe and discussion on impact					