

# OpenBudgets.eu: Fighting Corruption with Fiscal Transparency

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## Deliverable 8.4 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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## History

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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	<ul style="list-style-type: none"> <li>- Newsletter</li> <li>- Regular Meetings</li> <li>- Visit Conferences on Government and Open Data (such as the OGP) and Government and ICT</li> </ul>	500 - 1000
	Number and quality of liaisons with groups of stakeholders	<ul style="list-style-type: none"> <li>-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)</li> <li>- Organize workshops for Public Officials, Journalists, NGOs and CSOs</li> <li>- Stakeholder Meetings</li> </ul>	30 - 100
	Number of activities organized	<ul style="list-style-type: none"> <li>- Workshops and tutorials for journalists and NGO workers on working with budget and spending data</li> <li>- Organize UX workshops targeted at public officials</li> <li>- Organize workshops and training around the platform</li> <li>- Organize webinars and AMA sessions with relevant actors around Open Budgets such as public officials.</li> <li>- Webinars around the portal open budgets</li> <li>- Organize workshops for Public Officials, Journalists, NGOs and CSOs</li> </ul>	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	<ul style="list-style-type: none"> <li>Facilitate Stakeholder discussions online in the Open Spending forum and the Open Spending mailing list</li> <li>- Actively participate in the FtM community and similar platforms</li> <li>- Public/Online discussions around the (development of) standards</li> </ul>	10 - 20
	Participation in international events	<ul style="list-style-type: none"> <li>Visit conferences on: <ul style="list-style-type: none"> <li>- Government and Open Data (such as the OGP)</li> <li>- Government and ICT</li> <li>- Civic Tech &amp; Data Journalism</li> <li>- Anti-Corruption and Fiscal Transparency</li> <li>- Academic conferences the Semantic Web</li> <li>- Organize Workshops with International Scope</li> </ul> </li> </ul>	15 - 30
	Number of publications published at workshops/conferences/journals	Outside of the scope of this communication strategy	10 - 30
	Number of standards introduced	<ul style="list-style-type: none"> <li>Public/Online discussions around the (development of) standards</li> <li>The development and introduction of standards itself is outside of the scope of this communication strategy</li> </ul>	3 - 5
	Social Media coverage (all visits and views to all possible channels)	<ul style="list-style-type: none"> <li>Online presences concentrated around the website</li> <li>- Publish or link to interesting Articles, - - Blogs and Resources on the website</li> <li>- Streaming on Social Media</li> </ul>	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	<ul style="list-style-type: none"> <li>Promotion Campaigns (online) at peak moments: after the launch of the beta version and at the launch of the full version</li> <li>Target elaborated upon in Exploitation Plan</li> </ul>	300.000 - 600.000
	Number of Press Releases	<ul style="list-style-type: none"> <li>- Press Release</li> <li>- Newsletter</li> <li>- Publications (print and online media)</li> </ul>	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	<ul style="list-style-type: none"> <li>- Organize webinars and AMA sessions with relevant actors around Open Budgets such as public officials.</li> <li>- Webinars around the portal open budgets</li> </ul>	3000 - 6000
	Number of views generated for the online screencasts, manuals, and tutorials online	<ul style="list-style-type: none"> <li>- Handbook for journalists on data, budgets, and anticorruption research</li> <li>- Infographics depicting budget processes</li> <li>- Manuals, screencasts, and tutorials for the tools developed</li> <li>- Demonstrators of the tools</li> <li>- FAQ lists</li> </ul>	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
<b>Activities</b>		<b>555</b>	<b>240</b>	Collect policy maker contacts	500 - 1000	<b>778</b>	Yes
Workshops:	41		17	Number and quality of liaisons with groups of stakeholders	30 - 100	<b>250</b>	Yes
Meetings:	209		206	Number of activities organized (Workshops, Webinars, Tutorials)	20 - 40	<b>36</b>	Yes
Conferences:	61		2	Activity and quality of discussion in different community mailing lists	20 - 40 <i>(prev. 10 - 20)</i>	<b>34</b>	Yes
Presentations:	37			Participation in international events	25 - 50 <i>(prev. 15 - 30)</i>	<b>139</b>	Yes
Webinars:	13		13	Number of publications published at workshops/conferences/journals	10-30	<b>30</b>	Yes
Round-table discussions:	12			Number of standards introduced	3 - 5	<b>4</b>	Yes
Press-releases:	24			Social Media coverage (all visits and views to a	250,000 <i>(prev. 25.000-50.000)</i>	<b>387101</b>	Yes
Interviews:	13			Number of people regularly using the portals, tools, and services	300.000 - 600.000	<b>408516</b>	Yes
Articles:	31			Number of Press Releases	10 - 50	<b>24</b>	Yes
Publications:	30			Traffic generated through online ad campaign	1M - 1.5M	<b>1059018</b>	Yes
Online-discussions:	34			Number of successfully-managed support requests	5000 - 10000	<b>5500</b>	Yes
Manuals/Tutorials/Screencast	44			Number of webinar participants/viewers	3000 - 6000	<b>3170</b>	Yes
Hackathon/Datathon	6		2	Number of views generated for the online screencasts, manuals and tutorials online	10000 - 30000	<b>13089</b>	Yes
<b>Streaming</b>	<b>Count</b>	<b>Date</b>					
Newsletter contacts	106	15.10.2017		Total Contact Base for Outreach:			
Newsletter views	99	15.10.2017		<b>884</b>	Total number of impressions generated:	<b>1,871K</b>	
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/Scre	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

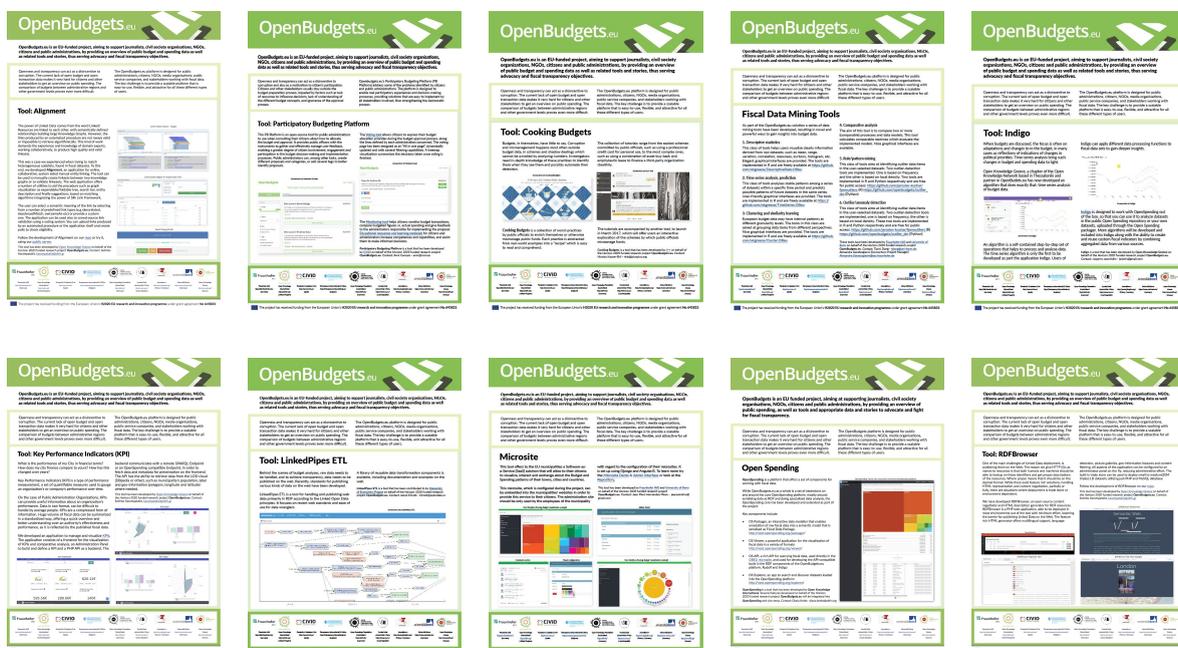


Downloads:  
 Logo in .png format:  
<http://openbudgets.eu/assets/materials/openbudgets-logo-new.png>  
 Logo in vector format:  
<http://openbudgets.eu/assets/materials/openbudgets-logo-new.eps>

### 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 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 report](#)<sup>1</sup>. 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

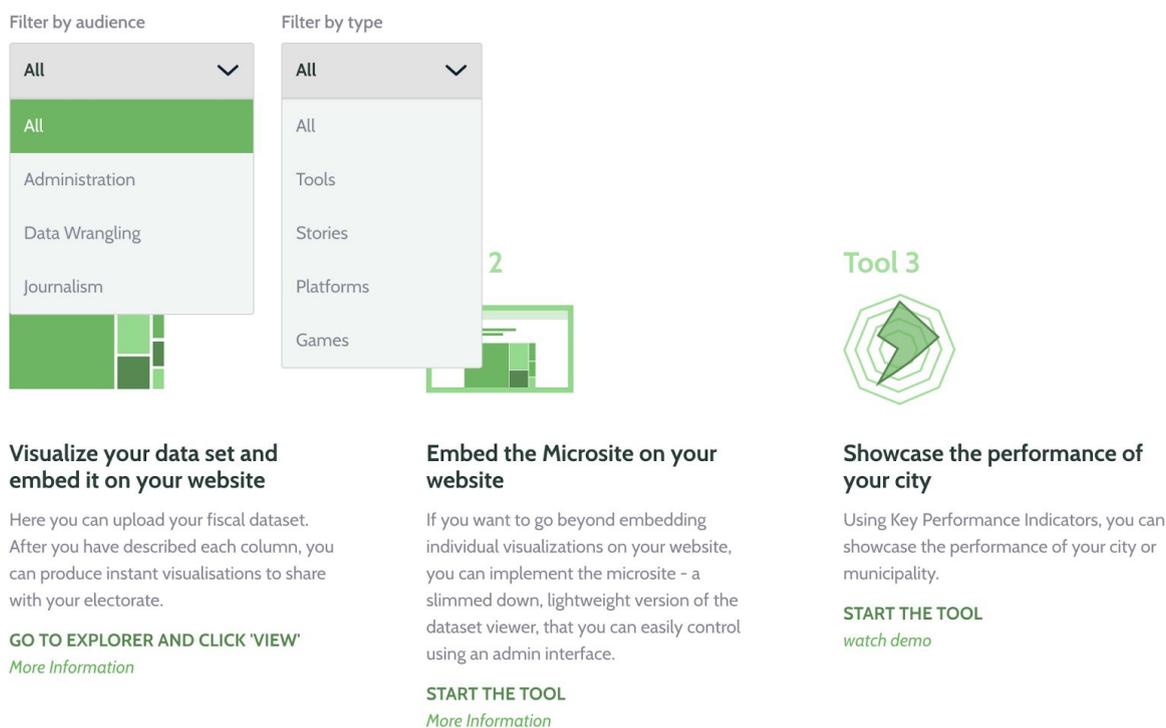


#### Toolbox

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.

<sup>1</sup> <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](#)

**Tool 3**

**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)

**Tool 1**  
**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

**Tool 2**  
**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

**Tool 3**  
**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

**Tool 4**  
**Let your electorate become decision makers in the budgeting process**  
 With the Participatory Budgeting Tool, you can let your electorate become decision makers in the budgeting process!  
 START THE TOOL  
 More Information

**Tool 5**  
**Use the Data Mining Tool Collection**  
 Are you looking to dive deep into your RDF data? The Data Mining Tool Collection offers you a plethora of ways to do so. Using it you can apply time series algorithms, detect outliers, perform descriptive statistics, do clustering and similarity learning  
 GO TO EXPLORER AND CLICK 'ANALYZE'  
 More Information

**Tool 6**  
**Build your own pipelines**  
 Create custom pipelines to source, process, and convert data from almost any source into a variety of formats.  
 START THE TOOL  
 More Information

**Tool 7**  
**Browse RDF Data**  
 An open source content negotiator and HTML description generator for RDF resources. It 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.  
 START THE TOOL  
 More Information

**Tool 8**  
**Match Heterogeneous Codelists found in Fiscal Datasets**  
 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.  
 START THE TOOL  
 More Information

**Story**  
**Read recipes for Cooking Budgets**  
 This collection of common corruption schemata displays European processes in bribery, embezzlement, favoritism and general abuse of public resources for private gains. It is meant to be used as a resource for journalists seeking to investigate misuse of public funds.  
 READ THE STORY  
 More Information

**Story**  
**Read The Football Tax**  
 The Football Tax is a journalistic investigation that traces public spending to professional football.  
 READ THE STORY

**Platform**  
**Discover Subsidy Stories**  
 Dive into a massive database containing data on the beneficiaries of three of the most important financial instruments of the European Union, namely ERDF, ESIF, and Cohesion fund.  
 GO TO WEBSITE

**Game**  
**Test your guessing skills**  
 Budget and Spending data requires both a technical understanding and an immaculate sense of magnitude. Find out how you compare to others in your field using the Order of Magnitude Guessr  
 PLAY THE GAME

**Game**  
**Put yourself in the shoes of a tempted official**  
 This game puts the player in the shoes of a public servant, tempted at various stages of his career path. How long will you stay legal?  
 PLAY THE GAME

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

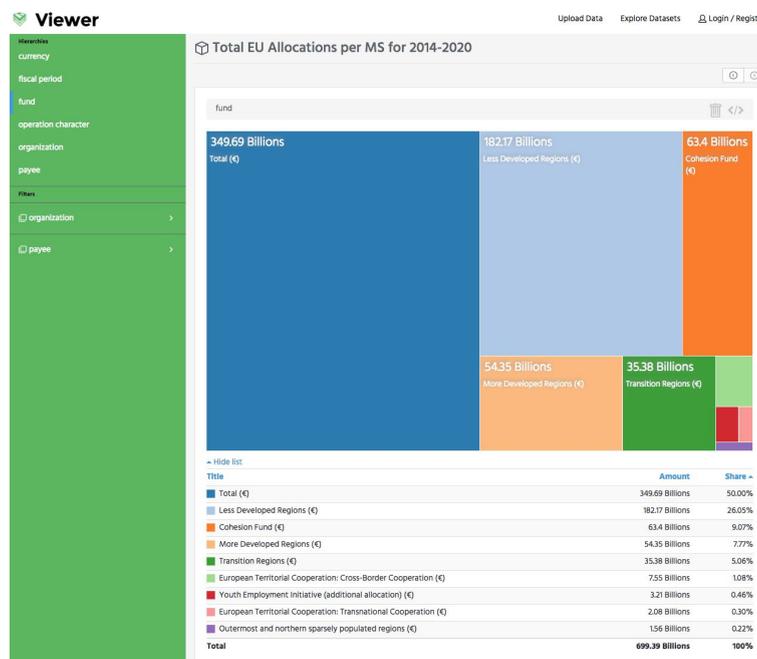
Select the way you want to upload your data to OpenBudgets.eu



LinkedPipes 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 OpenBudgets Network comprises of a select group of **project partners** covering a wide range of aspects related to fiscal transparency, a stakeholder board populated with key figures and domain experts, as well as a European-wide network of other projects and organisations that have been cooperated with throughout the duration of the project.

### Stakeholder Board

The engagement of stakeholders is 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:

<p><b>David McNair, ONE Campaign</b></p> <p><b>Gisele Craveiro, University of Sao Paolo</b></p> <p><b>Jed Miller, consultant in Open Data, Open Spending and Extractives</b></p> <p><b>Daniel Macyszyn, CEO of ePF</b></p> <p><b>Claire Schouten, Open Budget Partnership]</b></p>	<p>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. <b>The first stakeholder workshop in December 2015</b> and the experts meeting at IOOC 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.</p>
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### Related Projects

	<p><b>YourDataStories</b></p> <p>YourDataStories, or YDS in short, is a platform that helps make sense of open and social data. It answers your specific question by turning data into the substrate for stories that human beings can comprehend and act upon. YDS addresses professionals in government, public administration, business, and journalism, but it is also made for citizens.</p>
	<p><b>ROUTE-TO-PA</b></p> <p>ROUTE-TO-PA is a multidisciplinary innovation project, that, by combining expertise and research in the fields of e-government, computer science, learning science and economy, is aiming at improving the impact, towards citizens and within society, of ICT-based technology platforms for transparency.</p>
	<p><b>Digiwhist</b></p> <p>DIGIWHIST's goal is simultaneously to increase trust in governments and improve the efficiency of public spending across Europe. It will do this through the systematic collection, structuring, analysis, and broad dissemination of information on public procurement and on mechanisms that increase accountability of public officials in all EU and some neighbouring countries.</p>
	<p><b>Smarticipate</b></p> <p>Smarticipate will give citizens access to data about their city in an easy to understand way, enabling them to better support the decision-making process. Local governments will be able to tap into the ingenuity of their residents, gaining valuable ideas. This two-way feedback makes cities more democratic and dynamic. Residents will also play an active role in verifying and contributing to data.</p>
	<p><b>ODINE</b></p> <p>ODINE aims to support the next generation of digital businesses and support them to fast-track the development of their products. We are already championing the best of European digital talent and look forward to more outstanding companies to incubate.</p>
	<p><b>Big Data Europe</b></p> <p>Big Data Europe will undertake the foundational work for enabling European companies to build innovative multilingual products and services based on semantically interoperable, large-scale, multi-lingual data assets and knowledge, available under a variety of licenses and business models.</p>

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

## Usage Data

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

Figure 11: Final website usage data



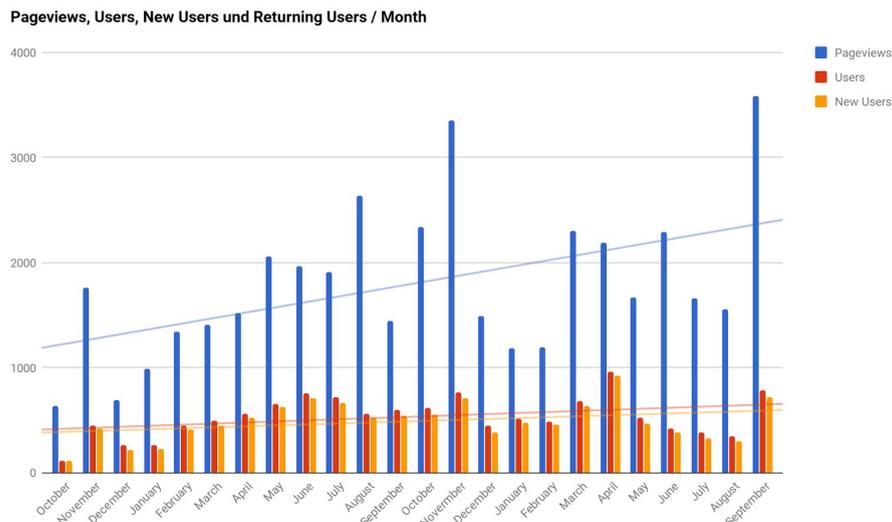
For comparison, here are the numbers as of **March 30th, 2016**:

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 led 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)

	<b>Total # of Outreach &amp; Dissemination activities</b>	<b>..of those, self-organised:</b>
<b>Activities</b>	<b>555</b>	<b>240</b>
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
<b>Streaming</b>	<b>Count</b>	<b>Date</b>
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	<b>24</b>	Yes
Traffic generated through online ad campaign	1M - 1.5M	<b>1059018</b>	Yes
Number of successfully-managed support requests	5000 - 10000	<b>5500</b>	Yes
Number of webinar participants/viewers	3000 - 6000	<b>3170</b>	Yes
Number of views generated for the online screencasts, manuals and tutorials online	10000 - 30000	<b>13089</b>	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:

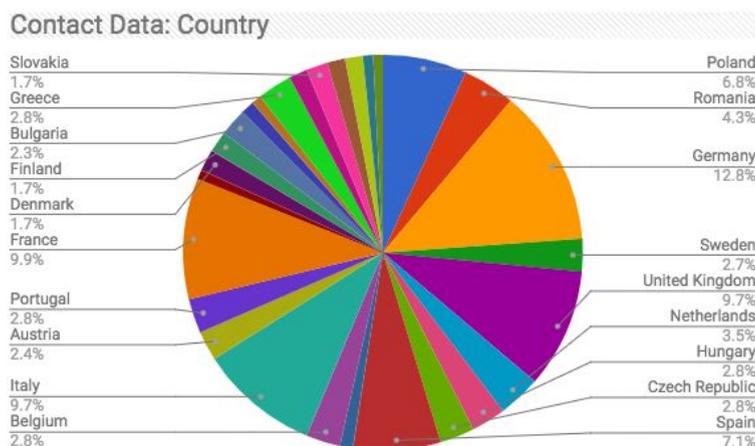
Table 4: Indicators and Tracker Results Goal I

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

### 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 led 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

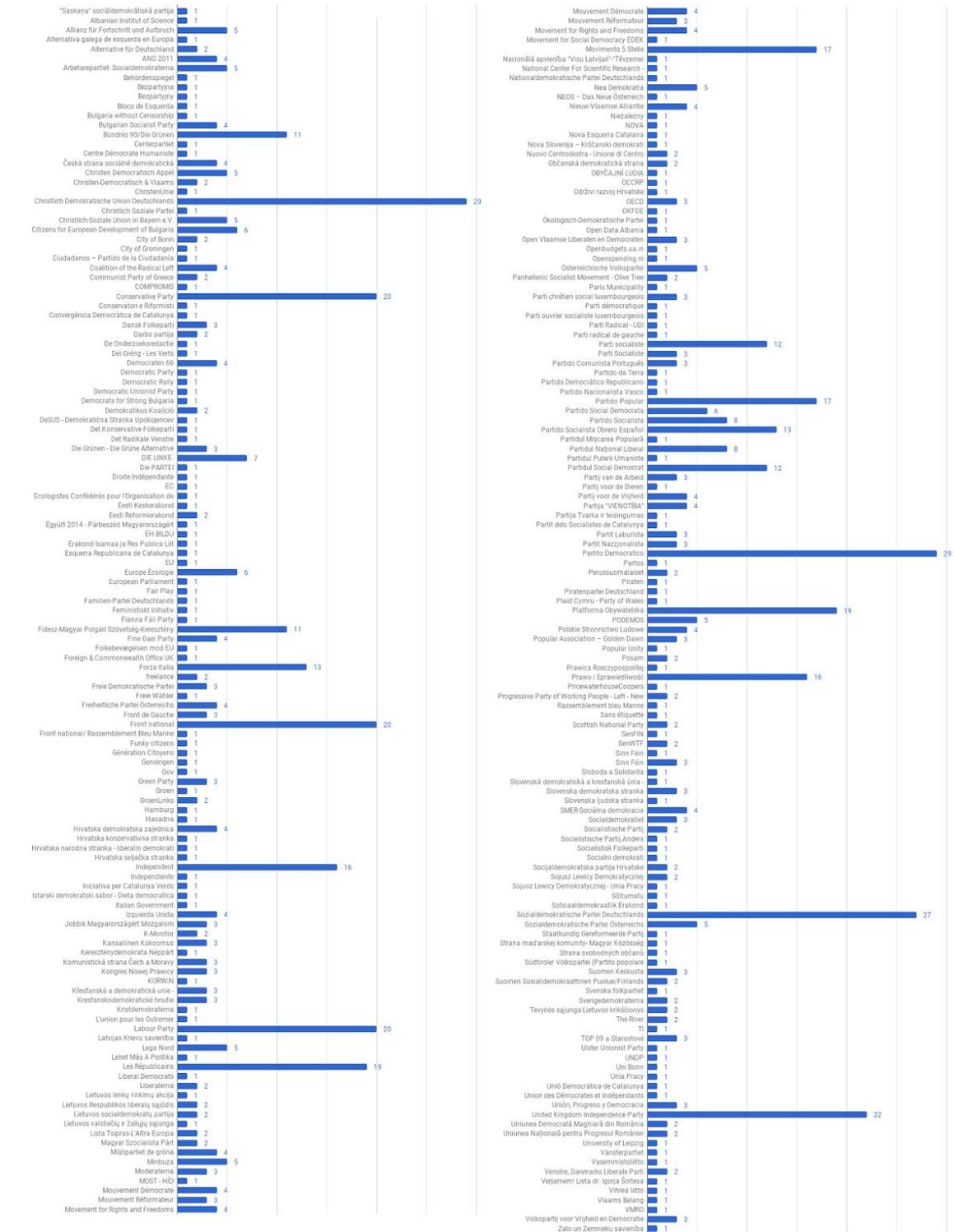
Outlet	Journalist(s) / wire	Country	Title	Source
Politico Playbook	Ryan Heath	Brussels	MEPS VOTE AGAINST PUBLISHING RECEIPTS	<a href="#">Interview</a>
Financial Times Brussels Briefing	Jim Brunsten	Brussels	Greek bailout breakthrough, Le Pen jitters and Tony "Bee Gee" Blair	<a href="#">Interview</a>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

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

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

Contact Data: Party Association  
Number of Party Members in Contact Database



## 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

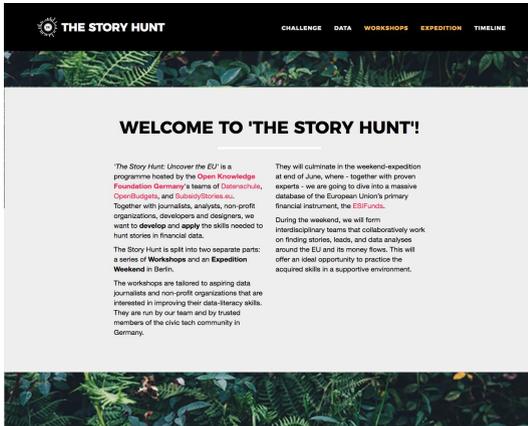
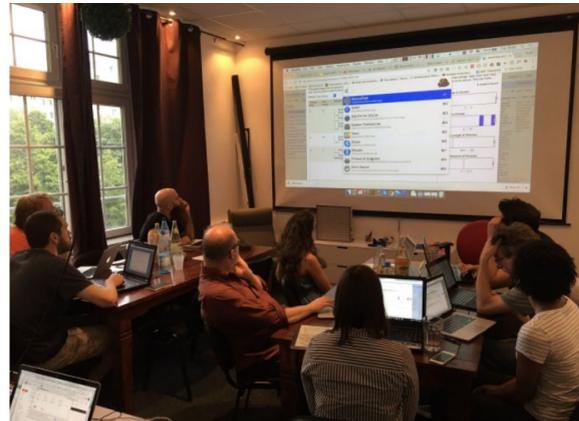


Figure 17: Photo of 'The Story Hunt' workshop



'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, OpenBudets.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 Paolo](#)

[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 <i>(prev. 10 - 20)</i>	<b>34</b>
Participation in international events	25 - 50 <i>(prev. 15 - 30)</i>	<b>139</b>
Number of publications published at workshops/conferences/journals	10-30	<b>30</b>
Number of standards introduced	3 - 5	<b>4</b>
Social Media coverage (all visits and views to all possible channels) 25.000 - 50.000	250,000 <i>(prev. 25.000-50.000)</i>	<b>387101</b>

### 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-focused 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

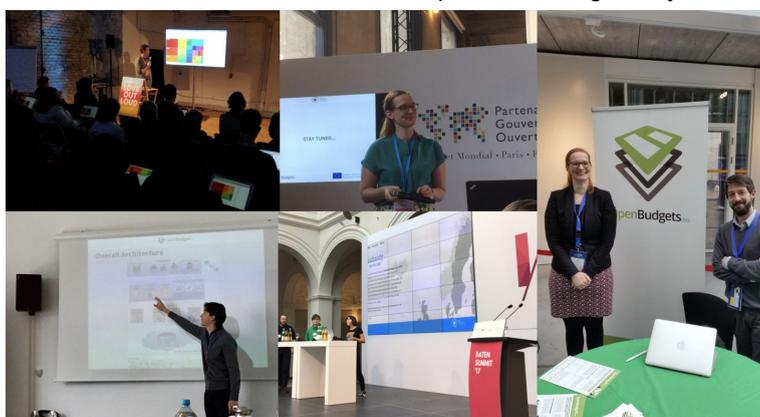


Figure 20: Dissemination materials on conferences



## 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	Date	Link
Vojtěch Svátek, Marek Dudáš, Jakub Klímek et al.	Procurement Notice Enrichment Using Product Ontologies	16/03/2016	<a href="http://ceur-ws.org/Vol-1481/paper14.pdf">http://ceur-ws.org/Vol-1481/paper14.pdf</a>
Jindřich Mynarz, Vojtěch Svátek	Matchmaking Public Procurement Linked Open Data	16/03/2016	<a href="https://link.springer.com/chapter/10.1007%2F978-3-319-26148-5_27#page-1">https://link.springer.com/chapter/10.1007%2F978-3-319-26148-5_27#page-1</a>
Marek Dudáš	Reusable transformations of Data Cube Vocabulary datasets from the fiscal domain	18/10/2016	<a href="http://ceur-ws.org/Vol-1654/article-04.pdf">http://ceur-ws.org/Vol-1654/article-04.pdf</a>
Charalampos Bratsas	Towards Budget Comparative Analysis: The Need for Fiscal Code Lists as Linked Data	13/09/2016	<a href="http://ceur-ws.org/Vol-1695/paper32.pdf">http://ceur-ws.org/Vol-1695/paper32.pdf</a>
Charalampos Bratsas	Knowledge Networks and Statistical Analysis of Cinematography Linked Data	13/09/2016	<a href="http://ceur-ws.org/Vol-1695/paper33.pdf">http://ceur-ws.org/Vol-1695/paper33.pdf</a>
Charlampos Bratsas	Fiscal Knowledge discovery in Municipalities of Athens and Thessaloniki via Linked Open Data	20/10/2016	<a href="http://ieeexplore.ieee.org/document/7753405/">http://ieeexplore.ieee.org/document/7753405/</a>
Charalampos Bratsas	The code lists case: Identifying and linking the key parts of fiscal datasets	20/10/2016	<a href="http://ieeexplore.ieee.org/document/7753404/">http://ieeexplore.ieee.org/document/7753404/</a>
Charalampos Bratsas	Rudolf: An HTTP API for exposing semantically represented fiscal OLAP cubes	20/10/2016	<a href="http://ieeexplore.ieee.org/document/7753406/">http://ieeexplore.ieee.org/document/7753406/</a>

Sotirios Karampatakis	Alignment: a collaborative, 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	<a href="http://ceur-ws.org/Vol-1695/paper25.pdf">http://ceur-ws.org/Vol-1695/paper25.pdf</a>
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 : Nakladatel'stvo STU, 2016, s. 183–186. ISBN 978-80-227-4619-9.	03.11.2016 – 04.11.2016.	<a href="https://wikt-daz2016.fiit.stuba.sk/wp-content/uploads/2016/11/WIKT-DaZ-2016-Proceedings.pdf">https://wikt-daz2016.fiit.stuba.sk/wp-content/uploads/2016/11/WIKT-DaZ-2016-Proceedings.pdf</a>
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	<a href="https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf">https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf</a>
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	<a href="https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf">https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf</a>
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	<a href="https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf">https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf</a>

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 led 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.

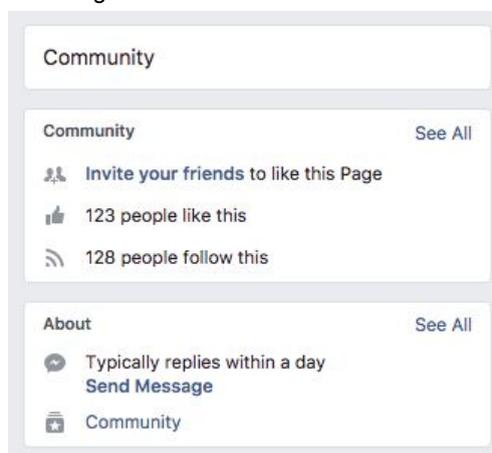
Figure 21: Twitter follower data

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

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	<b>408516</b>
Number of Press Releases	10 - 50	<b>24</b>
Traffic generated through online ad campaign	1M - 1.5M	<b>1059018</b>

### 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
<a href="#">OpenSpending.org</a>	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.

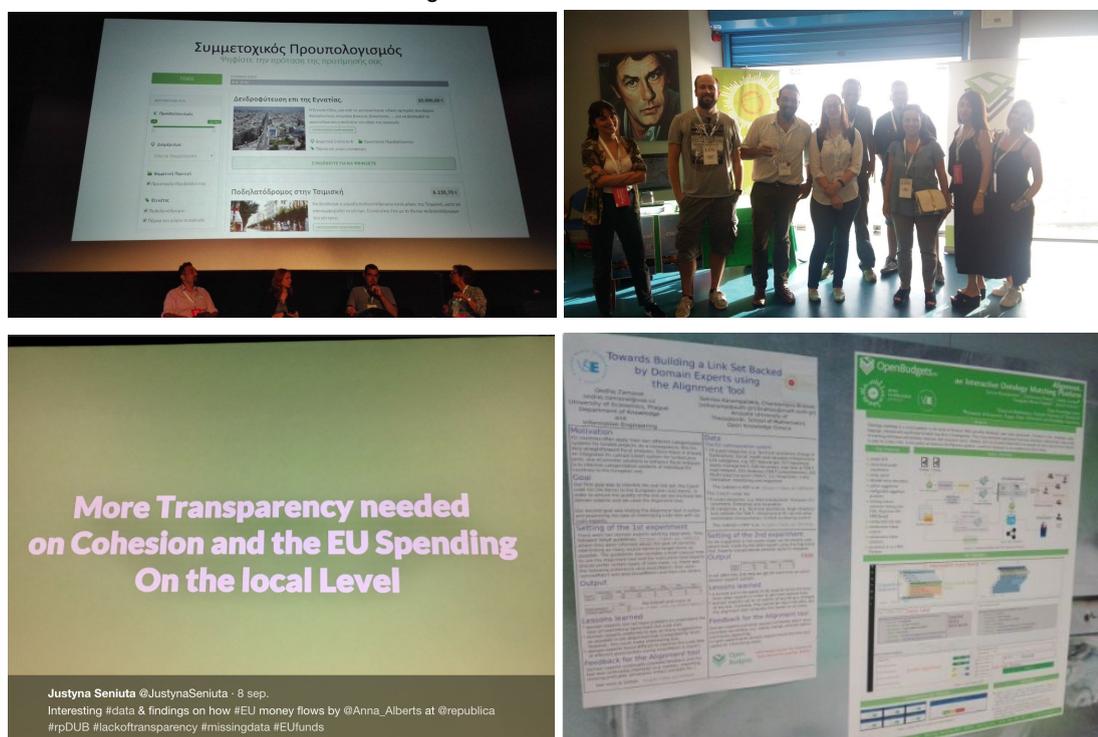
During the joined conferences of Re:publica, [OpenBudgets.eu](#) had a booth and held two talks. The Dublin talks focused on EU Transparency and highlighted the work on the MEP Expenses campaign, EU Subsidies and the platforms advocacy and journalism work. The Thessaloniki version highlighted participatory 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](http://OpenBudgets.eu) were presented to the different audiences of [OpenBudgets.eu](http://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](http://OpenBudgets.eu) celebrating and highlighting its launch.

Figure 24: Photos of conference visits



### Online Ad Campaign, Social Media, Website

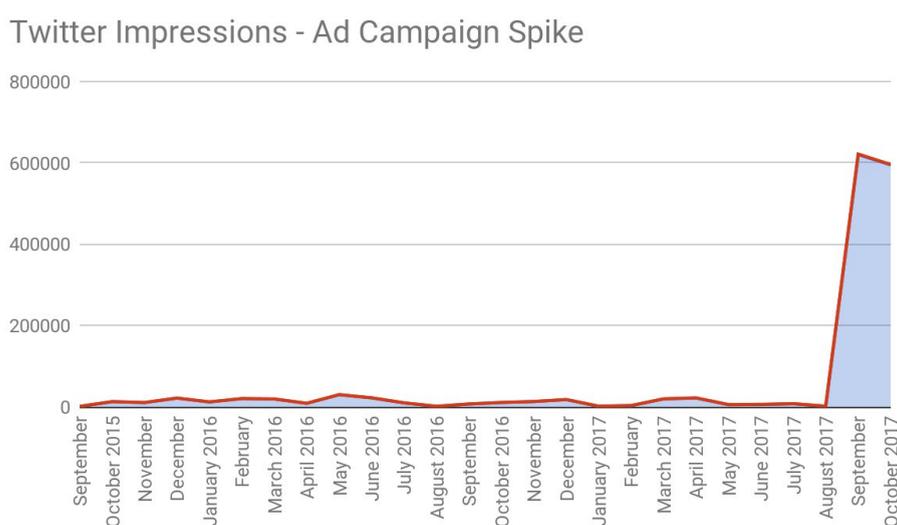
In terms of the online Ad campaign, Twitter has been chosen as the most effective dissemination tool to in turn promote the website and the tools. As has been noted in the annual dissemination report, it offers a way to proactively create a tailored audience while establishing interactive means to communicate 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 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 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.

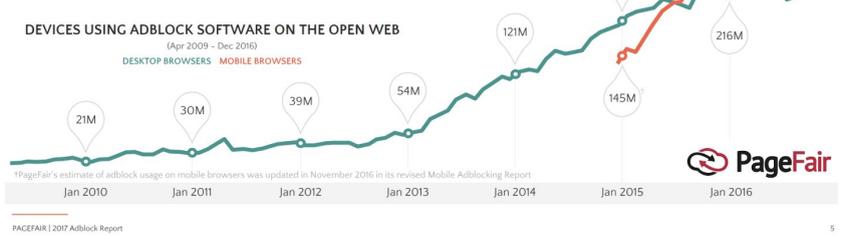
Figure 25: Adblock usage development<sup>2</sup>

<sup>2</sup> [www.pagefair.com/downloads/2017/01/PageFair-2017-Adblock-Report.pdf](http://www.pagefair.com/downloads/2017/01/PageFair-2017-Adblock-Report.pdf)

## The global picture

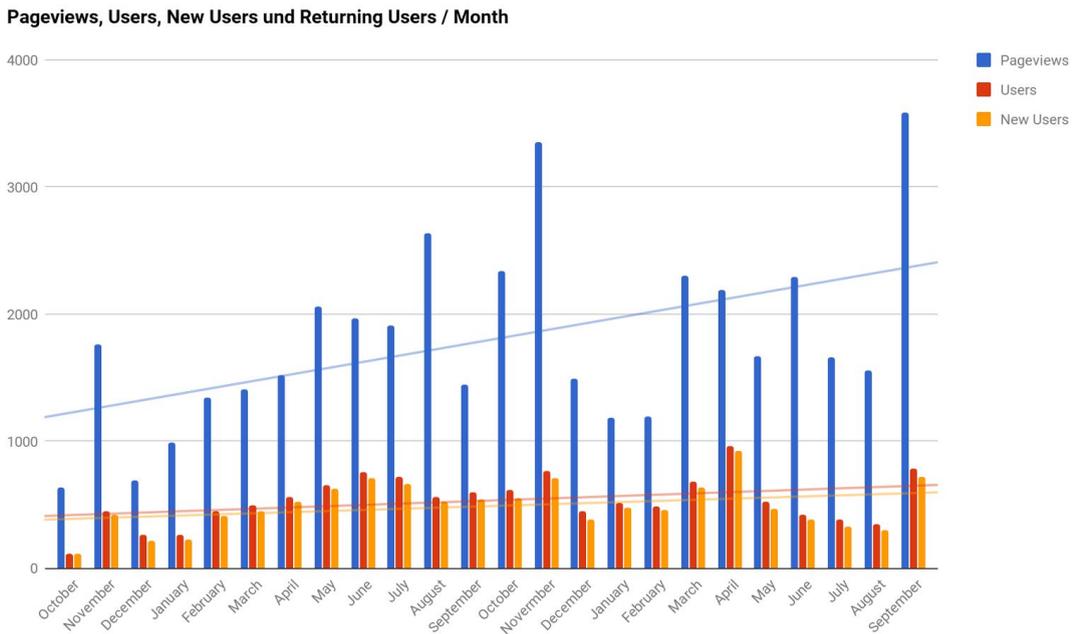
Mobile adblock usage is surging internationally, and has overtaken desktop usage.

- 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	<b>5500</b>
Number of webinar participants/viewers	3000 - 6000	<b>3170</b>
Number of views generated for the online screencasts, manuals and tutorials online	10000 - 30000	<b>13089</b>

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

<a href="#">microsite</a>	4	3	N/A	OpenBudgets Microsite
<a href="#">rudolf</a>	7	23	N/A	rudolf is the stepbrother of babbage for RDF datasets
<a href="#">xml2csv</a>	0	0	N/A	Specific component repository
<a href="#">uep_dm</a>	0	0	N/A	Specific component repository
<a href="#">outlier_dm</a>	2	0	N/A	Specific component repository
<a href="#">pipeline-fragments</a>	1	26	N/A	Specific component repository
<a href="#">platform</a>	10	57	N/A	Platform repository
<a href="#">preprocessing_dm</a>	1	0	N/A	Specific component repository
<a href="#">participatory-budgeting</a>	12	13	N/A	Specific component repository
<a href="#">data-model</a>	0	3	N/A	Specific component repository
<a href="#">Code-lists</a>	0	26	N/A	Code Lists
<a href="#">LandingPage</a>	0	0	N/A	Specific component repository
<a href="#">utils</a>	0	0	N/A	Specific component repository
<a href="#">auxiliary-data</a>	0	0	N/A	Specific component repository
<a href="#">linksets</a>	0	0	N/A	Specific component repository
<a href="#">microsite_rdf</a>	0	0	N/A	Specific component repository
<a href="#">os-fdp-adapters</a>	0	0	N/A	Specific component repository
<a href="#">os-viewer</a>	0	0	N/A	Specific component repository
<a href="#">obeu-types</a>	0	0	N/A	Specific component repository
<a href="#">openspending</a>	0	0	N/A	Specific component repository
<a href="#">openbudgets.eu</a>	0	0	N/A	Discontinued
<a href="#">billion-dollar-o-gram</a>	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	<a href="https://www.youtube.com/channel/UCLw5-ijsra6JBClrrK0g49g">https://www.youtube.com/channel/UCLw5-ijsra6JBClrrK0g49g</a>
Alignment	81	<a href="https://www.youtube.com/watch?v=SRjlg3OyZMw">https://www.youtube.com/watch?v=SRjlg3OyZMw</a>
LinkedPipes ETL	329	<a href="https://www.youtube.com/watch?v=byf0ItDOBsA">https://www.youtube.com/watch?v=byf0ItDOBsA</a>
KPI	75	<a href="https://www.youtube.com/watch?v=FY6lPuxlbOQ">https://www.youtube.com/watch?v=FY6lPuxlbOQ</a>
Indigo	23	<a href="https://www.youtube.com/watch?v=GpSSZ9ysqrs">https://www.youtube.com/watch?v=GpSSZ9ysqrs</a>
OpenSpending Tech Hangout - Sept.8 / 13:00 UK Time	90	<a href="https://www.youtube.com/watch?v=d6f14Tc7BUY">https://www.youtube.com/watch?v=d6f14Tc7BUY</a>
Third action plan	103	<a href="https://www.youtube.com/watch?v=Cpk6x-Xkjqs">https://www.youtube.com/watch?v=Cpk6x-Xkjqs</a>
Labs Hangout	78	<a href="https://www.youtube.com/watch?v=KKlpE91O0YQ">https://www.youtube.com/watch?v=KKlpE91O0YQ</a>
OpenBudgets eu, Charalampos Bratsas, CAMEI Summer School 2015, MEI2015 International Conference	15	<a href="https://www.youtube.com/watch?v=XCo8OkrgYmg">https://www.youtube.com/watch?v=XCo8OkrgYmg</a>
OpenSpending Labs Hangout	80	<a href="https://www.youtube.com/watch?v=KKlpE91O0YQ">https://www.youtube.com/watch?v=KKlpE91O0YQ</a>
OKFestival 2018 - Bratsas Charalampos - OK Greece	18	<a href="https://www.youtube.com/watch?v=CnGiwBoeOSk">https://www.youtube.com/watch?v=CnGiwBoeOSk</a>
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/obeu-for-datawranglers/	98	44
/post/2016/10/30/openbudgetseu_data_model/	58	6
Alignment	81	<a href="https://www.youtube.com/watch?v=SRjlg3OyZMw">https://www.youtube.com/watch?v=SRjlg3OyZMw</a>
LinkedPipes ETL	329	<a href="https://www.youtube.com/watch?v=byf0ltDOBsA">https://www.youtube.com/watch?v=byf0ltDOBsA</a>
KPI	75	<a href="https://www.youtube.com/watch?v=FY6IPuxlbOQ">https://www.youtube.com/watch?v=FY6IPuxlbOQ</a>
Indigo	23	<a href="https://www.youtube.com/watch?v=GpSSZ9ysqrs">https://www.youtube.com/watch?v=GpSSZ9ysqrs</a>
OpenSpending Tech Hangout	90	<a href="https://www.youtube.com/watch?v=d6f14Tc7BUY">https://www.youtube.com/watch?v=d6f14Tc7BUY</a>
Third action plan	103	<a href="https://www.youtube.com/watch?v=Cpk6x-Xkjqs">https://www.youtube.com/watch?v=Cpk6x-Xkjqs</a>
Labs Hangout	78	<a href="https://www.youtube.com/watch?v=KKlpE91O0YQ">https://www.youtube.com/watch?v=KKlpE91O0YQ</a>
OBEU: Platform overview	52	<a href="https://www.youtube.com/watch?v=PVeVza7A51M">https://www.youtube.com/watch?v=PVeVza7A51M</a>
OBEU: Indigo Tutorial	226	<a href="https://www.youtube.com/watch?v=s2JzqX7c5WU">https://www.youtube.com/watch?v=s2JzqX7c5WU</a>
OBEU: ERDF ESF Background	125	<a href="https://www.youtube.com/watch?v=hR6HKLCSzA0">https://www.youtube.com/watch?v=hR6HKLCSzA0</a>
OBEU: Sourcing the data	64	<a href="https://www.youtube.com/watch?v=0zdys4lQlWA">https://www.youtube.com/watch?v=0zdys4lQlWA</a>
OBEU: Intro to github	79	<a href="https://www.youtube.com/watch?v=ehaWAeFqgm8">https://www.youtube.com/watch?v=ehaWAeFqgm8</a>
Github Tutorial #1	561	<a href="https://www.youtube.com/watch?v=6lGltUBUK5s">https://www.youtube.com/watch?v=6lGltUBUK5s</a>
Kickoff Meeting Subsidy Data	78	<a href="https://www.youtube.com/watch?v=iBLjyA3AR2Y">https://www.youtube.com/watch?v=iBLjyA3AR2Y</a>
The Story Hunt: Getting Started		<a href="https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%201">https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%201</a>
The Story Hunt: Finding Data		<a href="https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%202">https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%202</a>
The Story Hunt: Cleaning Data		<a href="https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%203">https://github.com/okfde/storyhunt-workshops/tree/master/Workshop%20Week%203</a>

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

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**

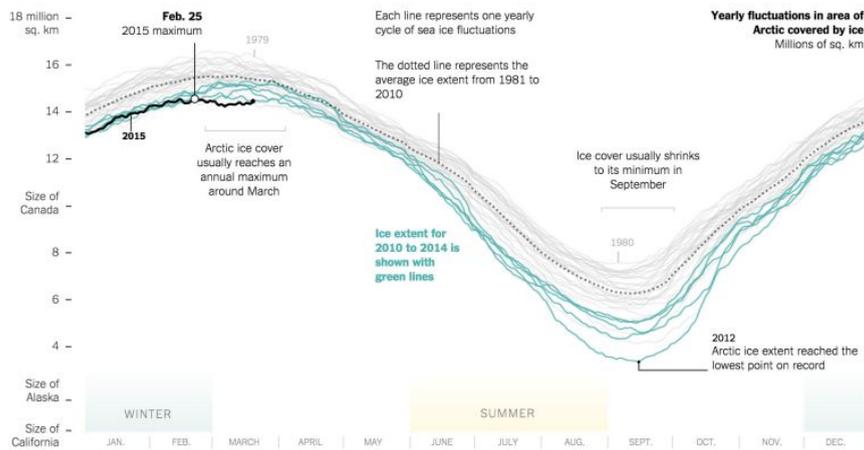


Figure 28: Excerpt from data visualisation workshop (2/2)

1. Open [datwrapp.org](http://datwrapp.org)
2. "Create a Map"
3. Open [bit.ly/storyhunt](http://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 County	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 led 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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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	Alessandra.Caroli@Bonn.de, michael.schuette@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.assila@paris.fr	<a href="http://www.paris.fr">www.paris.fr</a>	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 Vincet		<a href="http://www.la27region.fr">www.la27region.fr</a>	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 Vincet
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 Mshna 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	Adesium 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	Charalamos Bratsas	
Open Knowledge Greece	Martin Kaltenbock (Semantic Web Company), Jurgen Jakobitsch (Semantic Web Company), Felix Sasaki (DFKI German centre for artificial intelligence)		Dissemination of OBEU technical development progress	Semantic s2016	Technical/developers community	13/09/2016	Charalamos Bratsas	
Open Knowledge Greece	Sebastian Hellman (AKSW/KILT, University of Leipzig, Soeren Auer (OBEU Coordinator), Vladimir Alexiev (Ontotext)			Semantic s2016	Technical/developers community	13/09/2017	Charalamos Bratsas	
Open Knowledge Greece	Olga Gerovasili	olgagerovasili@gmail.com	Minister of Administrative Reform and e-government	82nd Thessaloniki International Fair	Government	09/09/2017	<a href="#">link</a>	
Open Knowledge Greece	Municipality of Thessaloniki		deputy mayor, administrator	Openbudgets.eu Trials	Municipality/Government	19/07/2017	Charalamos Bratsas <a href="#">link</a>	

			ator of e-governent and others				Sotirios Karampatakis	
Open Knowledge Greece	data experts of Municipality of Thessaloniki		professional	Openbudgets.eu Trials	municipality, data experts, potential users and admins of the platform	26/07/2017	Sotirios Karampatakis <a href="#">link</a>	
Open Knowledge Greece	World Bank, Municipality of Thessaloniki		Municipality, professional	<a href="#">Resilience Thessaloniki</a> <a href="https://twitter.com/ResilienceThessaloniki">https://twitter.com/ResilienceThessaloniki</a>	Municipality/Government, Bank	end of June 2017	Charalampos Bratsas <a href="#">link</a>	
Open Knowledge Greece	<a href="http://transparency.org">transparency.org</a>		CSO	trip to Norway as part of the "we are all citizens" action		13/12/2016	Charalampos Bratsas <a href="#">link</a>	
Open Knowledge Greece	Ministry of Local Government and Modernisation of Norway		Government	trip to Norway as part of the "we are all citizens" action	Government	13/12/2016	Charalampos Bratsas <a href="#">link</a>	
Open Knowledge Greece	Lovdata		Ministry of Justice of Norway	trip to Norway as part of the "we are all citizens" action	Government	14/12/2016	Charalampos Bratsas <a href="#">link</a>	
University of Economics, Prague	EU Publications Office, PwC	nikolaos.loutas@be.pwc.com		Possible collaboration on modelling budget data	EU officials, consultants	12/01/2016	Jindřich Mynarz 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		Collaboration with LinkedSpending	academia	10/02/2016	Jindřich Mynarz Discussing possible collaboration of OBEU and LinkedSpending	Konrad Höffner

University of Economics, Prague	Michalis Vafoopoulos	vafopoulos@gmail.com		Coordination call with the YourData Stories project	academia	07/12/2015	Jindřich Mynarz	Discussion of collaboration between OpenBudgets.eu and YourDataStories projects	Michalis Vafoopoulos
University of Economics, Prague	EU Publications Office, PricewatersCoopers, YourDataStories.eu			Conference call on collaboration	Policy Makers	13/04/2016	Jindřich Mynarz	<a href="#">link</a>	
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.	Philipp 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 Kierzsa	-	Techsoup Europe	Call after IODC	NGO	20/10/2016	Anna Alberts	Exploring potential for OBEU in CEE region	
OKFDE	<a href="http://OpenState.eu">OpenState.eu</a>		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 cooperation on EU transparency
OKFDE	Daniel Roleff		Senatsministerium 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
<a href="http://OpenSpending.org">OpenSpending.org</a>	190144	216108

## Appendix III: Webinar views

Tool	Viewcount	Link	Date
OBEU Account	1928	<a href="https://www.youtube.com/channel/UCLw5-jisra6JBClrrK0g49g">https://www.youtube.com/channel/UCLw5-jisra6JBClrrK0g49g</a>	19.9.2017
Alignment	81	<a href="https://www.youtube.com/watch?v=SRJlg3OyZMw">https://www.youtube.com/watch?v=SRJlg3OyZMw</a>	19.9.2017
LinkedPipes ETL	329	<a href="https://www.youtube.com/watch?v=byf0ItDOBsA">https://www.youtube.com/watch?v=byf0ItDOBsA</a>	19.9.2017
KPI	75	<a href="https://www.youtube.com/watch?v=FY6IPuxlbOQ">https://www.youtube.com/watch?v=FY6IPuxlbOQ</a>	19.9.2017
Indigo	23	<a href="https://www.youtube.com/watch?v=GpSSZ9ysqrs">https://www.youtube.com/watch?v=GpSSZ9ysqrs</a>	19.9.2017
OpenSpending Tech Hangout - Sept.8 / 13:00 UK Time	90	<a href="https://www.youtube.com/watch?v=d6f14Tc7BUY">https://www.youtube.com/watch?v=d6f14Tc7BUY</a>	19.9.2017
Third action plan	103	<a href="https://www.youtube.com/watch?v=Cpk6x-Xkjqs">https://www.youtube.com/watch?v=Cpk6x-Xkjqs</a>	19.9.2017
Labs Hangout	78	<a href="https://www.youtube.com/watch?v=KKlpE91O0YQ">https://www.youtube.com/watch?v=KKlpE91O0YQ</a>	19.9.2017
OpenBudgets eu, Charalampos Bratsas, CAMEI Summer School 2015, MEI2015	15	<a href="https://www.youtube.com/watch?v=XCo8OkrqYmg">https://www.youtube.com/watch?v=XCo8OkrqYmg</a>	15.10.2017

International Conference			
OpenSpendin g Labs Hangout	80	<a href="https://www.youtube.com/watch?v=KKIpE91O0YQ">https://www.youtube.com/watch?v=KKIpE91O0YQ</a>	15.10.2017
OKFestival 2018 - Bratsas Charalampos - OK Greece	18	<a href="https://www.youtube.com/watch?v=CnGiwBoeOSk">https://www.youtube.com/watch?v=CnGiwBoeOSk</a>	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 Organisation	Name of conference / Link to	Type of activity	Theme of conference	Short description of	Organiser	# of attendees (approx.)
Fabrizio Oriandi	Fraunhofer	IODC 2016 <a href="http://opendatacon.org/iodc1">http://opendatacon.org/iodc1</a>	Conference	Open Government	International confer	<a href="http://opendatacon.org/iodc1">http://opendatacon.org/iodc1</a>	1000
Cecil	Open Knowledge Inte	Open Government Partnersh	Conference	Open Government	Open Government ( OGP		
Diana Krebs	Open Knowledge Inte	Open Government Partnersh	Conference	Open Government	OGP		7-10
Diana Krebs	Open Knowledge Inte	Regional Conference on Pub	Conference	Public Participation in the Bu	The objectives of th	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 Confere	Conference	How to strengthen the public sector/Smart ideas		Federal Government of Croatia	
Nick Aioassa	Transparency Internat	H2020 INSO-1-2014 & 2015	Conference	Projects Policy		EU	19/02/16
Nick Aioassa	Transparency Internat	BUDG: Klaue EoV on Estimate	Conference	EU Budget		EU Parliament	23/02/17
Nick Aioassa	Transparency Internat	CONT: Discharge 2014: EU	Conference	EU Budget	Discharge 2014: EU	European Parliament	29/02/16
Nick Aioassa	Transparency Internat	OBEU annual review	Conference	Anti-Corruption and Fiscal Transparency		EU	10/04/16
Nick Aioassa	Transparency Internat	Political Party Financing, Eur	Conference	Anti-Corruption and Fiscal Transparency		EU Parliament	14/06/16
Nick Aioassa	Transparency Internat	CONT European parliament	Conference	EU Budget		European parliament	28/09/16
Philippidis Panagiotis Me	Open Knowledge Gre	Semantics 2015	Conference	Semantic Web		Semantic Web Company GmbH	16-17/09/2015
Sotirios Karampatakis, P	Open Knowledge Gre	Semantics 2016, <a href="http://2016">http://2016</a>	Conference	Semantic Web	Semantic web: acac	University of Leipzig & co.	200
Andreas Veglis	Open Knowledge Gre	NODA2016	Conference	Semantic Web			20-23/04/2016
Sotirios Karampatakis, P	Open Knowledge Gre	LREC2016	Conference	Language Resources and Ev	About speech or lan	European Language Resources Associati	23-28/05/2016
Ioannidis Lazaros, Philip	Open Knowledge Gre	SMAP2016	Conference	Semantic and Social Media	Adaptation and Personalization		20-21/10/2016
Charalampos Bratsas	Open Knowledge Gre	<a href="http://republica.2017.Thessaloniki">re:publica 2017 Thessaloniki</a>	Festival	digital culture	<a href="http://okfn.gr/2017/0">http://okfn.gr/2017/0</a>		150
Charalampos Bratsas	Open Knowledge Gre	IODC 2017 – Opening our De	Conference	Open Data	Critical issues on op	Open Knowledge Greece, Lil	50
Charalampos Bratsas	Open Knowledge Gre	OGP global summit 2016	Conference	open government	<a href="https://en.ogpsummr">The conference, wh</a>	Open Government Partnership	7-9/12/2016
Sotiris Karampatakis	Open Knowledge Gre	<a href="http://ISWC.2017.OM.Workshop">ISWC 2017, OM Workshop</a>	Conference	Semantic Web	ISWC 2017 is the pr	<a href="https://www.wu.ac.at/en/">https://www.wu.ac.at/en/</a>	400
Sotiris Karampatakis	Open Knowledge Gre	KESW 2017, <a href="http://2017.kesw">http://2017.kesw</a>	Conference	Semantic Web	KESW is a top inten	<a href="http://www.zut.edu.pl/">http://www.zut.edu.pl/</a>	200
Jakub Klímek	University of Economi	<a href="https://joinup.ec.europa.eu/c">https://joinup.ec.europa.eu/c</a>	Conference	Semantic interoperability	Implementation of s	European Commission (ISA2	250
Jindřich Mynarz	University of Economi	Semantics 2016, <a href="http://2016">http://2016</a>	Conference	Semantic web	Semantic web: acac	University of Leipzig & co.	200
Anna Alberts	Open Knowledge Ger	PDF-CEE conference <a href="https://">https://</a>	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 gr	PDF-CEE epastwo fundatio	3000
Anna Alberts	Open Knowledge Ger	IODC / <a href="http://opendatacon.org">http://opendatacon.org</a>	Conference	Open Government	The annual gatherin	IODC	
Anna Alberts	Open Knowledge Ger	Dataharvest 2015 / <a href="http://www">http://www</a>	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 / <a href="https://ogpsummr">https://ogpsummr</a>	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 O	IODC	2000
Anna Alberts	Open Knowledge Ger	Transparencee Georgia <a href="http://">http://</a>	Conference	All of the above	The Transparency	Transparencee 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	Transparencee	
Nicolas Kayser-Briil	J++	4M Paris	Conference	Civic Tech and Journalism	4M, innovative jour	CFI	250
Nicolas Kayser-Briil	J++	News Impact Summit Madrid	Conference	Civic Tech and Journalism	One-day event for	N EJC	100
Anne-lise Bouyer	J++	IODC Madrid / <a href="http://opendat">http://opendat</a>	Conference	Open Government	IODC is the essentl	iodc	26/09/1902
Anna Alberts	Open Knowledge Ger	Week of Cities and Regions	Conference	The annual week for Regions	The gathering of all	DG Region	1000
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
Anna Alberts	Open Knowledge Ger	Re:publica Reconnecting Eu	Conference	The Future of Europe	The spin off of the a	Re:publica	100
Anna Alberts and Michael	Open Knowledge Ger	StoryHunt	Conference	Finance in Europe	A weekend long jou	Self-Organised	30
Anna Alberts and Michael	Open Knowledge Ger	DataHarvest 2017	Conference	Data Journalism in Europe	Dataharvest is the a	<a href="http://Journalismfund.eu">Journalismfund.eu</a>	600
Anna Alberts and Michael	Open Knowledge Ger	Re:publica 10	Conference	Love out Loud	The annual digital rr	Re:publica	9000
Michael Peters	Open Knowledge Ger	Hamburg Offener Stadt	Conference	Open Data in Hamburg	Presenting Offener	Code for Hamburg	100
Anna Alberts	Open Knowledge Ger	DatenSummit	Conference	Civic Tech in Germany	The state of Open C	OKFDE	500
Anna Alberts and Michael	Open Knowledge Ger	Digitaler Staat	Conference	Digital Administrations	Annual Meeting of t	DBB Forum	300
Anna Alberts	Open Knowledge Ger	Open Belgium Conference 2	Conference	Civic Tech, Administration, P	The state of Open C	Open Knowledge Belgium	200
Anna Alberts and Johani	Open Knowledge Ger	Open Government Partnersh	Conference	Civic Tech, Administration, P	OGP	OGP	1000
Anna Alberts	Open Knowledge Ger	Transparency Camp Europe	Conference	Civic Tech, Administration, P	<a href="http://OpenState.eu">OpenState.eu</a>	Civic Tech and transparency	200
Anna Alberts	Open Knowledge Ger	CSV Conf Hackaton	Conference	Civic Tech and EU Transpar	Self-Organised	EU Transparency	30
Anna Alberts	Open Knowledge Ger	OECD meeting discussing Ti	Conference	Policy Makers, CSOs / NGO	Performance Based	12/02/2016	50
Anna Alberts	Open Knowledge Ger	Re:publica 10: <a href="https://re-publ">https://re-publ</a>	Conference	Policy Makers, CSOs / NGO	Digital Media	04/05/2016	80
Anna Alberts and Helen	Open Knowledge Ger	International Journalism Fesi	Conference	Journalists	Investigative Journa	Investigative Journalism	500
Anna Alberts and Eileen	Open Knowledge Ger	Winterschool Digital Methods	Conference	Digital Media students and N	Digital Media Metho	UvA	100
Anna Alberts	Open Knowledge Ger	Open Spending and Open Bi	Conference	Stakeholders	Self Organised	OKFDE	20
Michael Peters	Open Knowledge Ger	PDF-CEE 2017	Conference	Anti-Corruption and Fiscal Tr	PDF-CEE is the big	Fundament + Techsoup	3000
VOJÍŘ, Stanislav, ZEMAN, Václav, KUCHAR, J		RuleML+RR 2017 Doctoral C	Conference				April 6-7, 2017

## 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			<a href="https://joinup.ec.europa.eu/community/semic/event/semantic-2016-semantic-interoperability-conference">https://joinup.ec.europa.eu/community/semic/event/semantic-2016-semantic-interoperability-conference</a>	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, <a href="http://om2017.ontologymatching.org/">http://om2017.ontologymatching.org/</a>	Presenting OpenBudgets.eu datamodel and dissemination of the platform
WP 3			KESW 2017, <a href="http://2017.kesw.ru/">http://2017.kesw.ru/</a>	Presenting the Semantic web applications of OpenBudgets.eu
WP 5			Dataharvest 2015 / <a href="http://www.journalismfund.eu/dataharvest-conferences">http://www.journalismfund.eu/dataharvest-conferences</a>	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 liasons 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 liasons 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 <a href="http://opendatacon.org/">http://opendatacon.org/</a>	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 <a href="http://tcmgeo2016.transparencee.org/">http://tcmgeo2016.transparencee.org/</a>	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			<a href="https://re-publica.com/en">re:publica 2017 Thessaloniki</a> <a href="https://re-publica.com/en">https://re-publica.com/en</a>	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	<a href="https://www.opengovpartnership.org/">https://www.opengovpartnership.org/</a>	<a href="http://www.opengovpartnership.org/sites/default/files/GREEK_NAP3-OGP-GR.pdf">http://www.opengovpartnership.org/sites/default/files/GREEK_NAP3-OGP-GR.pdf</a>	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	<a href="https://discuss.okfn.org/t/openspending-community-introductions/1145">https://discuss.okfn.org/t/openspending-community-introductions/1145</a>	Introduction of OpenBudgets to the OpenSpending Community, invitation to participate	12/15/15	Establishing contact to community
Open Knowledge Germany	Online Discussion	OpenSpending	<a href="https://discuss.okfn.org/t/greek-linked-economy-project/2251">https://discuss.okfn.org/t/greek-linked-economy-project/2251</a>	Commentary on Greek LinkedEconomy project	3/15/16	Discussion of new linked economy project
Open Knowledge Germany	Online Discussion	OpenSpending	<a href="https://discuss.okfn.org/t/public-website-for-city-municipal-council/2112">https://discuss.okfn.org/t/public-website-for-city-municipal-council/2112</a>	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	<a href="https://discuss.okfn.org/t/can-i-reuse-the-icons-of-wheredoesmymoneygo-org/1989/3">https://discuss.okfn.org/t/can-i-reuse-the-icons-of-wheredoesmymoneygo-org/1989/3</a>	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	<a href="https://discuss.okfn.org/t/survey-participatory-budgeting/2065">https://discuss.okfn.org/t/survey-participatory-budgeting/2065</a>	Promoting CiViO survey	2/22/16	

Open Knowledge Germany	Online Discussion	OpenSpending	<a href="https://discuss.okfn.org/t/introduciendo-gobierno-presupuestos-municipales/2020">https://discuss.okfn.org/t/introduciendo-gobierno-presupuestos-municipales/2020</a>	Reacting to introduction of Gobierno 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	<a href="https://discuss.okfn.org/t/nicolas-kayser-bril-from-just-published-a-great-blog-on-openbudgets-eu-public-sector-accounting/1958">https://discuss.okfn.org/t/nicolas-kayser-bril-from-just-published-a-great-blog-on-openbudgets-eu-public-sector-accounting/1958</a>	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	<a href="https://discuss.okfn.org/t/new-open-data-portal-european-structural-and-investment-funds/1685">https://discuss.okfn.org/t/new-open-data-portal-european-structural-and-investment-funds/1685</a>	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	<a href="https://discuss.okfn.org/t/hasadna-and-examples-from-budget-data-cycles/1668">https://discuss.okfn.org/t/hasadna-and-examples-from-budget-data-cycles/1668</a>	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	<a href="https://discuss.okfn.org/t/tech-hangout-sept-2015/1046/5">https://discuss.okfn.org/t/tech-hangout-sept-2015/1046/5</a>	interaction with OpenSpending Tech-Hangout	9/15/15	Interaction with OpenSpending Community
Open Knowledge Germany	Online Discussion	OpenSpending	<a href="https://discuss.okfn.org/t/greek-linked-economy-project/2251/2">https://discuss.okfn.org/t/greek-linked-economy-project/2251/2</a>	Greek LinkedEconomy project	3/15/16	Greek LinkedEconomy project
Open Knowledge Germany	Online Discussion	OpenSpending	<a href="https://discuss.okfn.org/t/hack-on-eu-transparency/2621">https://discuss.okfn.org/t/hack-on-eu-transparency/2621</a>	Hack on EU Transparency	4/25/16	Hack on EU Transparency
Open Knowledge Germany	Online Discussion	OpenSpending	<a href="https://discuss.okfn.org/t/csv-conf-pre-event/2484">https://discuss.okfn.org/t/csv-conf-pre-event/2484</a>	Csv,conf,pre,event	4/13/16	Csv,conf,pre,event

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

Open Knowledge Germany	Online Discussion	Followthe Money	<a href="https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/NUNekZ7wsvw/6_Tu-YOoBQAJ">https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/NUNekZ7wsvw/6_Tu-YOoBQAJ</a>	Chairing call	1/31/2017	Leading call
Open Knowledge Germany	Online Discussion	Followthe Money	<a href="https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/y3sUKNZAQaQ/X2TYJlOlDwAJ">https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/y3sUKNZAQaQ/X2TYJlOlDwAJ</a>	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	<a href="https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/QCUvIQ82aw/Bs7wc60GAWAJ">https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/QCUvIQ82aw/Bs7wc60GAWAJ</a>	OGP Summit	11/24/2017	OGP preparation
Open Knowledge Germany	Online Discussion	Followthe Money	<a href="https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/KUs2v4skoJl/oCdKmk8nAwAJ">https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/KUs2v4skoJl/oCdKmk8nAwAJ</a>	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	<a href="https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/E7Z3m7reSxc/ROTHoQhHBwAJ">https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/E7Z3m7reSxc/ROTHoQhHBwAJ</a>	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	<a href="https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/JILKukHEP-0/icY8V63UCQAJ">https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/JILKukHEP-0/icY8V63UCQAJ</a>	Notes of the FTM call yesterday	09/08/2016	Exchange with group members

Open Knowledge Germany	Online Discussion	Follow the Money	<a href="https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/Nna1YmvA4aU/IWvOs4X0BwAJ">https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/Nna1YmvA4aU/IWvOs4X0BwAJ</a>	Kick Off Meeting and Slack Channel - All EU Subsidy Data Project	09/02/2016	Promotion of subproject: subsidystories
Open Knowledge Germany	Online Discussion	Follow the Money	<a href="https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/1WiLnDATZDE/N9IBGukJBwAJ">https://groups.google.com/forum/?utm_source=digest&amp;utm_medium=email#!searchin/FTM_network/annalsort:date/ftm_network/1WiLnDATZDE/N9IBGukJBwAJ</a>	We want ALL data on all European Subsidies!	08/26/2017	Call for Participation: subsidystories

## Appendix VII: Presentations

Your Name	Your Organisation	Type of activity	Title of Presentation	Start Date	End Date	At which Event?	Short description	# of attendees (or # of audience / stakeholder group(s) present?)	Type of audience / stakeholder group(s) present?	
Alexandra Garat	Fraunhofer	Presentation / Lightning talk	OBEU	03/03/2017	03/03/2017	Your Data Stories	OBEU by Dr. Fat	12	Related EU Projects	
Amir Campos	CIVIO	Presentation / Lightning talk	Openbudgets.eu - Civio - Possibilities of a Collaborative Participatory Budgeting Platform	26/09/2016	27/09/2016	<a href="https://ec.europa.eu">https://ec.europa.eu</a>	The way we could	45	Policy Makers, Civil Society, Academia	
David Cabo	CIVIO	Presentation / Lightning talk	Openbudgets - National, regional and local budget accountability at its best - Data + Budget @ IODC	06/10/2016	06/11/2016	International Open	Improvement of r	50	Policy Makers, CSOs / NGOs, Journalists, Civil Society	
David Cabo and Cecile	CIVIO	Presentation / Lightning talk	Openbudgets - National, regional and local budget accountability at its best	01/02/2017	01/02/2017	Collective Aware Share	best exper	150	Civil Society/NGOs	
Diana Krebs	Open Knowledge	Presentation	Are we there yet? Data quality in the digital age	07/12/2017	09/12/2017	FutureTDM: Minix identify barriers t	<a href="https://twitter.com/FiscalTransStat">https://twitter.com/FiscalTransStat</a>		Policy Makers, CSOs / NGOs, Journalists	
Diana Krebs	Open Knowledge	Presentation	Budget and spending data as drivers of change in the public sector	29/03/2017	29/03/2017	Smart Public Sec	<a href="http://www.forum">http://www.forum</a>	100	Public Sector stakeholders, public administration	
Diana Krebs	Open Knowledge	Presentation	What's next in open data? The limits of the publication discourse	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	Transparency International		05/03/2016	<a href="https://csyconf.com">csyconf.com</a>	<a href="https://csyconf.com/speakers/#paul-walsh">https://csyconf.com/speakers/#paul-walsh</a>			
Nick	Transparency International	Presentation / Lightning talk	OBEU	29/04/2016		EU Council/Dutch Presidency Diplohack, Brussels			Policy Makers, CSOs / NGOs, Journalists	
Nick	Transparency International	Presentation / Lightning talk	OBEU & TI	23/05/2016		OBEU Plenary, Greece			CSOs / NGOs, Academia	
Nick	Transparency International	Presentation / Lightning talk	OBEU	08/11/2016		ICAEW-PwC dinner, Brussels			Policy Makers	
Nick	Transparency International	Presentation / Lightning talk	IHECS Journalist school, Brussels	07/11/2016		IHECS Journalist school, Brussels			Policy Makers, CSOs / NGOs, Journalists	
Nick	Transparency International	Presentation / Lightning talk	Transparency International Open data Workshop, Berlin	21/11/2016		Transparency International Open data Workshop, Berlin			Policy Makers, CSOs / NGOs, Journalists	
Nick	Transparency International	Presentation	Financial Transparency in the European Parliament	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 / Lightning talk	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 Br	Open Knowledge	discussion/talk	OPEN DATA IN SMART CITIES – ENABLING CITIZENS' PARTICIPATION	12/09/2017	12/09/2017	re:publica 2017	What is the partit	30	scientists, bloggers, hackers, journalists, citizens	
Charalampos Br	Open Knowledge	presentation	OGP commitments and OpenBudgets.eu	14/12/16	14/12/16	<a href="http://www.republica10.com">www.republica10.com</a>	commitments proposed to the Gre		ministry members and members of transparency.org	
Lucie Sedmírhád	University of Eco	Presentation / Lightning talk	Seznam dotýchých faktur subjektů veřejné správy	18/02/2016		Open data stand	We presented lis	50		
Jindřich Mynarz	University of Eco	Presentation / Lightning talk	introduction of the OpenBudgets.eu	19/02/2016		Otevřená propojení	An introduction o	81	Policy Makers, Czech Supreme Audit Office	
Lucie Sedmírhád	University of Eco	Presentation / Lightning talk	Transparency, accountability and public participation in the budgetary process	10/01/2017	10/01/2017	Ideální nápad pr	link between acc	17	Policy Makers, Civil Society	
Anna Alberts	Open Knowledge	Presentation / Lightning talk	Open Budget Data and Performance Based Budgeting	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 / Lightning talk	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 anc	Open Knowledge	Presentation	OpenBudgets.eu and Offener Haushalt	4/10/2017	4/10/2016	Boddy	The presentation	25	Policy Makers	
Anna Alberts	Open Knowledge	Presentation and	Presenting: Digiwhist and OBEU	16/4/2015	17/4/2015	PDF-CEE 2015		25	Policy Makers, CSOs / NGOs, Journalists, Civil Society	
Anna Alberts	Open Knowledge	Lightning Talk	Opening EU Funding	5/12/2016	9/12/2016	OGP Global Meet	The short pitch p	50	Policy Makers, Civil Society	
Anna Alberts	Open Knowledge	Presentation	Offene Kommunen.NRW	12/11/2016	13/11/2016	Offene Kommunen Bar	Camp by Co	20	Developers, Hackers, Activists, Civil Society, Policy Makers	
Anna Alberts	Open Knowledge	Presentation	OpenBudgets and Offener Haushalt	12/9/2016	17/9/2016	Transparencee	COpenBudgets.eu	50	Policy Makers, Civil Society	
Anna Alberts	Open Knowledge	Presentation	Results of the Hackday: cohesion funds	2/6	5/6/2016	DataHarvest 2016	to subsidystories	20	Journalists	
Anna Alberts anc	Open Knowledge	Presentation	Berlin Open Data Day (Boddy) 2017	4/10/2017	4/10/2017	Berlin Open Data	datdgets.eu toolbox	50	Policy Makers	
Anna Alberts	Open Knowledge	Presentation	Re:publica Reconnecting Europe	7/9/2017	13/9/2017	Re:publica Reconn	EU money flows	50	Policy Makers, CSOs / NGOs, Journalists, Civil Society	
Anna Alberts anc	Open Knowledge	Presentation	Needles and Haystacks: experience from Subsid	18/5/2017	21/7/2017	DataHarvest 2017	the wider public	50	Journalists	
Anna Alberts anc	Open Knowledge	Presentation	Digitaler Staat	8/5/2017	8/5/2017	Digitaler Staat	german context	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 participants	Target group / etc.	Link to Blogpost
Amir Campos	CIVIO	Workshop / Traini	Workshop	Democratie Ouverte	DYI Democracy	18/03/20	18/03/20	Possible ways to collaborate betw		50	CSOs / NGOs, Civil Society	New partners to disseminate the project in France
Amir Campos	CIVIO	Workshop / Traini	Training	Self-organised + Madrid	How to understand Same event	14/11/20	14/11/20	CIVIO will teach at the headquarters of		8	CSOs / NGOs, J	<a href="http://www.civio.org/">http://www.civio.org/</a>
Charalambos Bri	Open Knowledge	Workshop		Open Knowledge Greece	Open Government	30/05/20	30/05/20			20	public servants,	<a href="#">Link</a>
Charalambos Bri	Open Knowledge	Training	School of Data	University of Western M	1st school of data Open Government Partnership	18/07/20	18/07/20	Open Data, Licence, OpenBudgets		40	librarians	<a href="#">Link</a>
Sofica Karamez	Open Knowledge	Workshop		Open Knowledge Greece	Creating and Up Opening our Data to Day: Avoxxri	8/3/2017	8/3/2017	How to make links between terms				The participants in the workshop were asked, following guidance and suggestions, to study whether specific sets of data are open to ten Greek cities. The ultimate goal of the log was to find out which set of data is open - yet accessible and usable by the public. This action is closely related with the OADR comment on school of data, as well as the dissemination and usage of OpenBudgets.eu tools for open budgets of greek municipalities
Charalambos Bri	Open Knowledge	Workshop		Aristotle University of Th	OpenBudgets.eu Summer Journalism School Thesis	16/7/2017	23/7/20	Introduction to data	#foursummersch	30	journalists	<a href="#">Link</a>
Charalambos Bri	Open Knowledge	Workshop	Open Data	Open Knowledge Greece	Open Data Cens Open Science in practice	24/10/20	25/10/20					
Jindřich Mynarz	University of Eco	Workshop / Traini	Workshop	Czech Supreme Audit	Linked open data Otevřená propojená data veřejně	18/02/20		A linked open data seminar for Cz		81	Policy Makers, Czech public	<a href="http://www.cnu.cz/2017/02/18/seminal-seminar-open-data-2018/default.htm">http://www.cnu.cz/2017/02/18/seminal-seminar-open-data-2018/default.htm</a>
Anna Alberts	OKF DE	Workshop / Traini	Workshop	OKF DE	Storyhunt #1			Storyhunt				
Anna Alberts	OKF DE	Workshop / Traini	Workshop	OKF DE	Storyhunt #2			Storyhunt				
Anna Alberts	OKF DE	Workshop / Traini	Workshop	OKF DE	Storyhunt #3			Storyhunt				
Anna Alberts	OKF DE	Workshop / Traini	Workshop	OKF DE	Storyhunt #4			Storyhunt				
Anna Alberts	OKF DE	Workshop / Traini	Workshop	OKF DE	Storyhunt #5			Storyhunt				
Anna Alberts	Open Knowledge	Workshop / Traini	Workshop	School of Data	School of Data S School of Data Summer Camp	23/05/20	27/05/20	In an intensive w scola15			CSOs / NGOs, Civil Society	See deliverable 5.1
Anna Alberts	Open Knowledge	Workshop / Traini	Workshop	Transparency School V	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 <a href="https://docs.google.com/presentation/d/1g3yY48X0YLK4DJMdfVxYVjLh4tT0wElyqk7I/moqesITuas-sharing">https://docs.google.com/presentation/d/1g3yY48X0YLK4DJMdfVxYVjLh4tT0wElyqk7I/moqesITuas-sharing</a>
Anna Alberts	Open Knowledge	Workshop / Traini	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	<a href="https://drive.google.com/open?id=1T0wElyqk7I/moqesITuas-sharing">https://drive.google.com/open?id=1T0wElyqk7I/moqesITuas-sharing</a>
Anna Alberts	Open Knowledge	Workshop / Traini	Presentation	OECD	Financial Transp OECDMinFin Tunis meeting for C	12/02/20	12/02/20	A presentation oi -		60	Policy Makers, CSOs / NGOs	<a href="https://drive.google.com/open?id=1T0wElyqk7I/moqesITuas-sharing">https://drive.google.com/open?id=1T0wElyqk7I/moqesITuas-sharing</a>
Anna Alberts	Open Knowledge	Workshop / Traini	Hackaton	Self-organised	Frictionless Data CSV-conf	02/05/20	02/05/20	During the Open #OBEU		30	Journalists, Civil	forthcoming the french cases.
Anna Alberts	Open Knowledge	Workshop / Traini	Workshop	Self-organised	Visualising and Consortium Meeting OpenBudgets	23/11/20	23/11/20	We presented projects and tools o		15	Students	It was interesting to show and test out open spending with real life Czech Data, model and remodel it and see how the hierarchies are working in a different context.
Anna Alberts	Open Knowledge	Workshop / Traini	Workshop	Self-organised	OpenBudgets.eu Consortium Meeting	23/11/20	23/11/20	In a small workshop, OpenBudgets		30	CSOs / NGOs, Academia	Valuable input and feedback to the use of tools and the need for manuals explaining the political context further.
Anna Alberts	Open Knowledge	Workshop / Traini	Workshop	Smartipate H2020 pro	Smartathon Ham Smartathon Hamburg	08/10/20	08/10/20	In a group setting, roundtables anc		30	Policy Makers, CSOs / NGOs	We contributed to an affiliated H2020 program with input from their processes on IT-Tools for citizen participation.
Anna Alberts	Open Knowledge	Workshop / Traini	Training	Self-organised	Journalists traini Training EU structural funds	01/07/20	02/07/20	Journalist training around Europea		15	Journalists	The start of a long term cooperation with journalists around structural data.
Anna Alberts	Open Knowledge	Workshop / Traini	Workshop	Open State	Best Practices to Transparency Camp Amsterdam	01/06/20	01/06/20	In a discussion group, civil society organ		CSOs / NGOs, Civil Society		
Anna Alberts	Open Knowledge	Workshop / Traini	Training	Self-organised	Football Story W Consortium Thessaloniki	20/05/20	20/05/20	The Workshop showed the methodology		Journalists, Academia		
Anna Alberts	Open Knowledge	Workshop / Traini	Workshop	RePublica	Why Should You Re Publica	04/05/20	04/05/20	In a 1.5 hrs workshop with at least 60 p		Policy Makers, CSOs / NGOs, Journalists, Civil Society		
J++	J++	Workshop / Traini	Workshop	Self-organised	Training/Workshop at HEAR, Strasbourg, France	25/11/20	27/11/20	Football tax work <a href="https://twitter.com/">https://twitter.com/</a>		16	Design students	<a href="http://www.">http://www.</a> Enables gap analysis
J++	J++	Workshop / Traini	Training	Self-organised	Training on budg Journalism++ / Linné	21/10/20	23/10/20	Teach investigati <a href="https://twitter.com/">https://twitter.com/</a>		10	Journalists, Jour	<a href="http://www.">http://www.</a> Enables gap analysis
Nicolas Kayser-É	J++	Workshop / Traini	Workshop	Self-organised	Datajournalism training: The Football Tax	01/03/20	03/03/20	Teach investigative techniques on		22	Journalists, Journalism students	
DUDÁŠ, Marek	SVATEK, Vojtěch	Workshop / Traini	Workshop	Self-organised	Ontology Reuse Decision Support: Visualize the On	October 22, 2017	Vienna, Austria	CEUR Workshop Proceedings, Vol-1947, pp 13-19. ISSN 1613-0073.				
KUCHAR, Jaroslav	SVATEK, Vojtěch	Workshop / Traini	Workshop	Self-organised	Spotlighting Anomalies using Frequent Patterns.			KDD - Anomaly in Finance Workshop, hosted by CasOna & Amex, August 2017. Halifax, Nova Scotia. <a href="https://sites.google.com/view/kdd-aif-2017/accepted-papers">https://sites.google.com/view/kdd-aif-2017/accepted-papers</a>				
Anna Alberts	Open Knowledge	Workshop / Traini	Workshop	ERC	Joltifast Booster ERC	23/10/20	24/10/20	In a two day events, pitches and m		100	Investors, Project Officers, a Pitch	
Anna Alberts	Open Knowledge	Workshop	Workshop	Offene Kommunen NRW	Offener Haushalt Offene Kommunen.NRW	12/11/20	13/11/20	A weekend long journalism training on data, european data, and finances				
Anna Alberts	Open Knowledge	Conference	Workshop	Re publica	Subsidytories: c Re publica	8/5/2017	3/5/2017	The annual digital media and transparency conference				<a href="http://re-publica.de">http://re-publica.de</a>
Anna Alberts	Open Knowledge	Conference	Workshop	OKFDE	Offener Haushalt Data Summit	28/4/2017	28/4/20	The state of Open Data in Germany				<a href="http://datensummit.de">http://datensummit.de</a>
Cecile LE GUEN	Open Knowledge Hackathon / Data	DatadiHack Bi	Open Knowledge	Belgiu	EU Transparency #DiploHack	29/04/20 -		EU Transparency / EU Structural Funds monitoring				<a href="http://diplohack.brussels/">http://diplohack.brussels/</a>
Nick	Transparency Int Hackathon / Data	DatadiHack	DiploHack		Want to build an application that enables European	29/04/20 -		Want to build an application that enables European citizen				<a href="http://diplohack.brussels/">http://diplohack.brussels/</a>
Charalambos Bri	Open Knowledge	Hackathon	Data Journal	OXGR, Department of J	Using data (fiscal and other) and tools for investigati	31/3/2017 -		Using data (fiscal and other) and tools for investigating me				<a href="https://goo.gl/vX0z28">https://goo.gl/vX0z28</a>
Anna Alberts	Open Knowledge	Hackathon / Data	Data Harvest	CCJ	European Structural Funds explorations and collecti	02/10/20 -		European Structural Funds explorations and collecting dat				<a href="https://datashunt.com/">https://datashunt.com/</a>
Anna Alberts	Open Knowledge	Hackathon / Data	Storyhunt	OKF DE	European Structural Funds explorations and collecti	02/10/20 -		European Structural Funds explorations and collecting dat				<a href="https://datashunt.com/">The Story Hunt</a>



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-datawrangles/	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		<a href="https://www.youtube.com/watch?v=SRjlg3OyZMw">https://www.youtube.com/watch?v=SRjlg3OyZMw</a>			
LinkedPipes ETL	329		<a href="https://www.youtube.com/watch?v=byf0ltDOBsA">https://www.youtube.com/watch?v=byf0ltDOBsA</a>			
KPI	75		<a href="https://www.youtube.com/watch?v=FY6IPuxIbOQ">https://www.youtube.com/watch?v=FY6IPuxIbOQ</a>			
Indigo	23		<a href="https://www.youtube.com/watch?v=GpSSZ9ysqrs">https://www.youtube.com/watch?v=GpSSZ9ysqrs</a>			
OpenSpending Tech Hangout	90		<a href="https://www.youtube.com/watch?v=d6f14Tc7BUY">https://www.youtube.com/watch?v=d6f14Tc7BUY</a>			
Third action plan	103		<a href="https://www.youtube.com/watch?time_continue=1&amp;v=Cpk6x-Xkjqz">https://www.youtube.com/watch?time_continue=1&amp;v=Cpk6x-Xkjqz</a>			
Labs Hangout	78		<a href="https://www.youtube.com/watch?v=KKlpE91O0YQ">https://www.youtube.com/watch?v=KKlpE91O0YQ</a>			
OBEU: Platform overview	52		<a href="https://www.youtube.com/watch?v=PVeVza7A51M">https://www.youtube.com/watch?v=PVeVza7A51M</a>			
OBEU: Indigo Tutorial	226		<a href="https://www.youtube.com/watch?v=s2JzqX7c5WU">https://www.youtube.com/watch?v=s2JzqX7c5WU</a>			
OBEU: ERDF ESF Background	125		<a href="https://www.youtube.com/watch?v=hR6HKLCSzA0">https://www.youtube.com/watch?v=hR6HKLCSzA0</a>			
OBEU: Sourcing the data	64		<a href="https://www.youtube.com/watch?v=0zdys4IQlwA">https://www.youtube.com/watch?v=0zdys4IQlwA</a>			
OBEU: Intro to github	79		<a href="https://www.youtube.com/watch?v=ehaWAeFqgm8">https://www.youtube.com/watch?v=ehaWAeFqgm8</a>			

Github Tutorial #1	561	<a href="https://www.youtube.com/watch?v=6lGItUBUK5s">https://www.youtube.com/watch?v=6lGItUBUK5s</a>				
Kickoff Meeting Subsidy Data	78	<a href="https://www.youtube.com/watch?v=iBLjyA3AR2Y">https://www.youtube.com/watch?v=iBLjyA3AR2Y</a>				

## 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. Vojříř, 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. Vojříř, 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.; Vojříř, 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, SuCCESS) 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, SuCCESS) 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 ©
22. 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 : Nakladatel'stvo STU, 2016, s. 183–186. ISBN 978-80-227-4619-9. Available at: [https://wikt-daz2016.fiit.stuba.sk/wp-content/uploads/2016/11/WIKT-DaZ-2016\\_Proceedings.pdf](https://wikt-daz2016.fiit.stuba.sk/wp-content/uploads/2016/11/WIKT-DaZ-2016_Proceedings.pdf)
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>
24. 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. Available at: <https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf>
25. 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. Available at: <https://daz2017.kiv.zcu.cz/data/DaZ2017-Sbornik-final.pdf>
26. VOJÍŘ, Stanislav, ZEMAN, Václav, KUCHAR, Jaroslav, KLIEGR, Tomáš. Using EasyMiner API for Financial Data Analysis in the [OpenBudgets.eu](#) Project. In: RuleML+RR 2017 Doctoral Consortium, Challenge, Industry Track, Tutorials and Posters @ RuleML+RR [online]. London, 11.07.2017 – 15.07.2017. Cáchyn : CEUR-WS, 2017. 5 p. ISSN 1613-0073. Available at: <http://ceur-ws.org/Vol-1875/paper21.pdf>.
27. KUČERA, Jan, SVÁTEK, Vojtěch, MYNARZ, Jindřich. Competencies as a cost driver of querying Linked Data. Semantics, 11.09.2017 - 14.09.2017. Amsterdam. Going to be available in CEUR. <http://2017.semantics.cc/posters>
28. DUDÁŠ, Marek, SVÁTEK, Vojtěch. Ontology Reuse Decision Support: Visualize the Ontology or its Usage? In: Proceedings of the Third International Workshop on Visualization and Interaction for Ontologies and Linked Data co-located with the 16th International Semantic Web Conference (ISWC 2017). October 22, 2017, Vienna, Austria. CEUR Workshop Proceedings, Vol-1947, pp 13-19. ISSN 1613-0073.
29. KUČERA, Jan, SVÁTEK, Vojtěch, MYNARZ, Jindřich. Competencies as a cost driver of querying Linked Data. Semantics, 11.09.2017 - 14.09.2017. Amsterdam. Going to be available in CEUR. <http://2017.semantics.cc/posters>
30. Kleanthis Koupidis, Aikaterini Chatzopoulou, Charalampos Bratsas: “DescriptiveStats.OBeu: Descriptive Statistics OpenBudgets.eu”, available via: <https://cran.r-project.org/web/packages/DescriptiveStats.OBeu/index.html>



# OpenBudgets.eu

**OpenBudgets.eu is an EU-funded project, aiming to support journalists, civil society organisations, NGOs, citizens and public administrations, by providing an overview of public budget and spending data as well as related tools and stories, thus serving advocacy and fiscal transparency objectives.**

Openness and transparency can act as a disincentive to corruption. The current lack of open budget and open transaction data makes it very hard for citizens and other stakeholders to get an overview on public spending. The comparison of budgets between administrative regions and other government levels proves even more difficult.

The OpenBudgets.eu platform is designed for public administrations, citizens, NGOs, media organisations, public service companies, and stakeholders working with fiscal data. The key challenge is to provide a scalable platform that is easy-to-use, flexible, and attractive for all these different types of users.

## Tool: Alignment

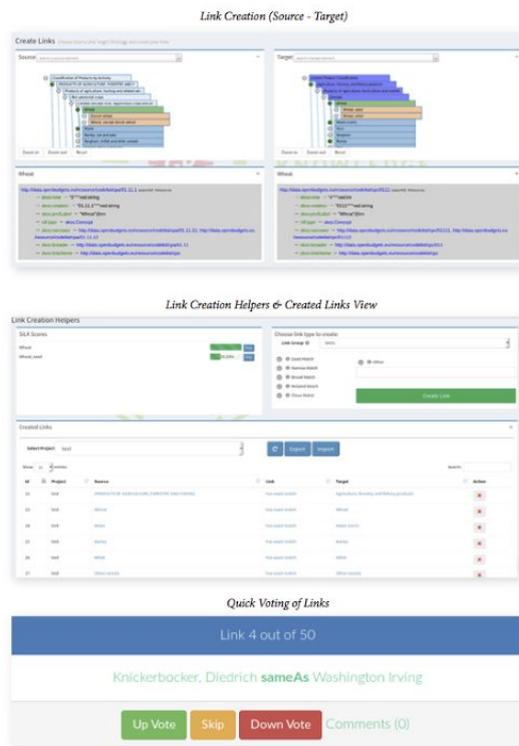
The power of Linked Data comes from the word Linked! Resources are linked to each other, with semantically defined relationships building large Knowledge Graphs. However, the links produced by an automated procedure are not always valid or impossible to retrieve algorithmically. This kind of work demands 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](mailto:karampatakis@okfn.gr)



 <p>Fraunhofer IAIS <a href="http://iais.fraunhofer.de/">http://iais.fraunhofer.de/</a> (Germany)</p>	 <p>Open Knowledge International <a href="https://okfn.org/">https://okfn.org/</a> (United Kingdom)</p>	 <p>Fundación Ciudadana Civio <a href="http://www.civio.es/">http://www.civio.es/</a> (Spain)</p>	 <p>Transparency International EU Office <a href="http://transparencyinternational.eu/">http://transparencyinternational.eu/</a> (Belgium)</p>	 <p>Open Knowledge Foundation Deutschland <a href="http://okfn.de/">http://okfn.de/</a> (Germany)</p>	 <p>Vysoká škola ekonomická v Praze <a href="http://www.vse.cz/">http://www.vse.cz/</a> (Czech Republic)</p>	 <p>Journalism++ <a href="http://www.jpplusplus.org/">http://www.jpplusplus.org/</a> (France / Germany)</p>	 <p>Universität Bonn <a href="https://www.uni-bonn.de/">https://www.uni-bonn.de/</a> (Germany)</p>	 <p>Open Knowledge Greece <a href="http://www.okfn.gr/">http://www.okfn.gr/</a> (Greece)</p>
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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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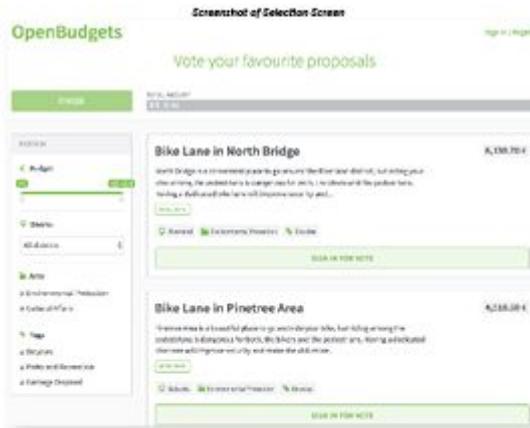
Openness and transparency can act as a disincentive to corruption and also as a motivation to citizen's participation. Citizens and other stakeholders usually stay outside the budget preparation process, impeded by factors such as lack of resources to influence decisions, lack of understanding of the 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.



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 - [amin@civio.es](mailto:amin@civio.es)



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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The OpenBudgets.eu platform is designed for public administrations, citizens, NGOs, media organisations, public service companies, and stakeholders working with fiscal data. The key challenge is to provide a scalable platform that is easy-to-use, flexible, and attractive for all these different types of users.

## 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.

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.



**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 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 **J++** on behalf of the Horizon 2020 funded research project **OpenBudgets.eu**. Contact: Nicolas Kayser-Bril - [nkb@jplusplus.org](mailto:nkb@jplusplus.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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## 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](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](https://github.com/openbudgets/outlier_dm) (Python)

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



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

# OpenBudgets.eu

**OpenBudgets.eu is an EU-funded project, aiming to support journalists, civil society organisations, NGOs, citizens and public administrations, by providing an overview of public budget and spending data as well as related tools and stories, thus serving advocacy and fiscal transparency objectives.**

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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.

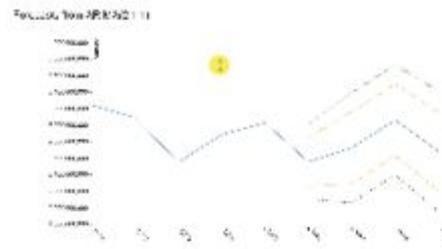
Open Knowledge Greece, a chapter of the Open Knowledge Network based in Thessaloniki and partner in OpenBudgets.eu has now developed an algorithm that does exactly that: time series analysis of budget data.



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

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: [adzap@openbudgets.eu](mailto:adzap@openbudgets.eu) - [larjohn@gmail.com](mailto:larjohn@gmail.com)

 Fraunhofer IAS <a href="http://www.fraunhofer-ias.de/">http://www.fraunhofer-ias.de/</a> (Germany)	 Open Knowledge International <a href="https://okfn.org/">https://okfn.org/</a> (United Kingdom)	 CIVIO <a href="http://www.civio.eu/">http://www.civio.eu/</a> (Ireland)	 TRANSPARENCY INTERNATIONAL <a href="http://transparency.org/">http://transparency.org/</a> (Italy)	 OPEN KNOWLEDGE FOUNDATION DEUTSCHLAND <a href="http://okfn.de/">http://okfn.de/</a> (Germany)	 Vysoká škola <a href="http://www.vsh.cz/">http://www.vsh.cz/</a> (Czech Republic)	 Journal2Go <a href="http://www.journal2go.org/">http://www.journal2go.org/</a> (France / Germany)	 universität bonn <a href="https://www.uni-bonn.de/">https://www.uni-bonn.de/</a> (Germany)	 OPEN KNOWLEDGE GREECE Open Knowledge Greece <a href="http://www.okfn.gr/">http://www.okfn.gr/</a> (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?

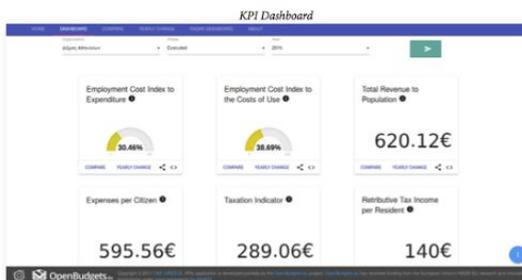
Key Performance Indicators (KPI) is a type of performance measurement, a set of quantifiable measures used to gauge an organization's or company's performance over time.

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](mailto:Sotirios.Karampatakis@okfn.gr)



<p>Fraunhofer IAIS <a href="http://iais.fraunhofer.de/">http://iais.fraunhofer.de/</a> (Germany)</p>	<p>Open Knowledge International <a href="https://okfn.org/">https://okfn.org/</a> (United Kingdom)</p>	<p>Fundación Ciudadana Civio <a href="http://www.civio.es/">http://www.civio.es/</a> (Spain)</p>	<p>Transparency International EU Office <a href="http://transparencyinternational.eu/">http://transparencyinternational.eu/</a> (Belgium)</p>	<p>Open Knowledge Foundation Deutschland <a href="http://okfn.de/">http://okfn.de/</a> (Germany)</p>	<p>Vysoká škola ekonomická v Praze <a href="http://www.vse.cz/">http://www.vse.cz/</a> (Czech Republic)</p>	<p>Journalism++ <a href="http://www.jpplusplus.org/">http://www.jpplusplus.org/</a> (France / Germany)</p>	<p>Universität Bonn <a href="https://www.uni-bonn.de/">https://www.uni-bonn.de/</a> (Germany)</p>	<p>Open Knowledge Greece <a href="http://www.okfn.gr/">http://www.okfn.gr/</a> (Greece)</p>
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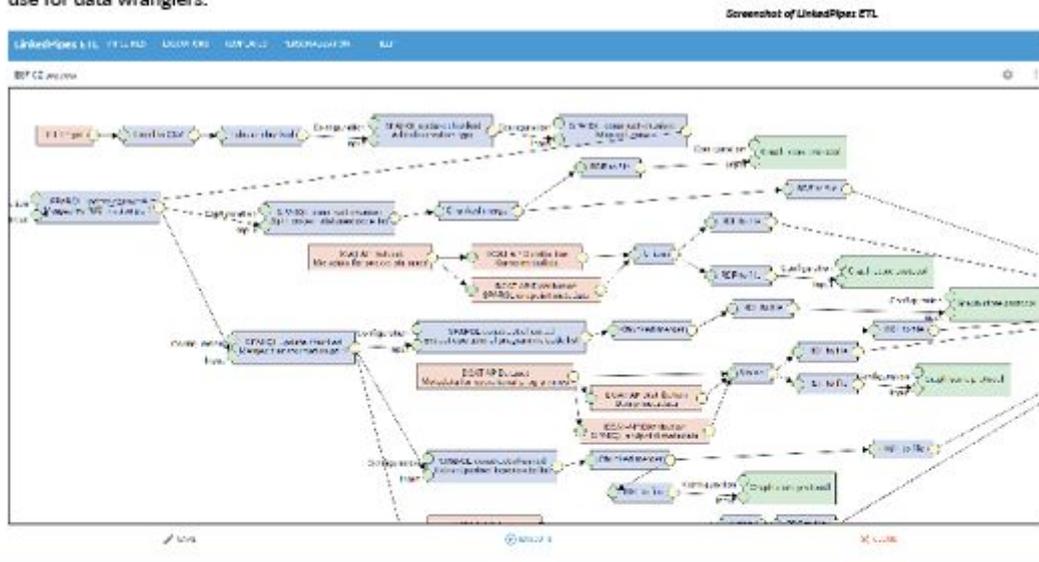
## Tool: LinkedPipes ETL

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.

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

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.

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@opendata.cz](mailto:klimek@opendata.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 IAIS](#) and [University of Bonn](#) on behalf of the Horizon 2020 funded research project [OpenBudgets.eu](#). Contact: Jean Piero Hernández Meze - [jeanpierohm@gmail.com](mailto:jeanpierohm@gmail.com)

The image displays several screenshots of the OpenBudgets.eu platform. On the left, a 'User interface showing budget visualization example' shows a treemap chart of budget data. Below it, a 'Comment section' shows a list of user comments. In the middle, a 'Visual configuration' panel shows options for customizing the microsite's appearance. On the right, an 'Admin Panel' titled 'OpenBudgets Microsite Manager' shows a table of microsites with columns for name, status, and actions. A 'Recent actions' sidebar on the right lists recent system events.



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

# OpenBudgets.eu

**OpenBudgets is an EU funded project, aiming at supporting journalists, civil society organisations, NGOs, citizens and public administrations, by providing an overview of public spending, as well as tools and appropriate data and stories to advocate and fight for fiscal transparency.**

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## Open Spending

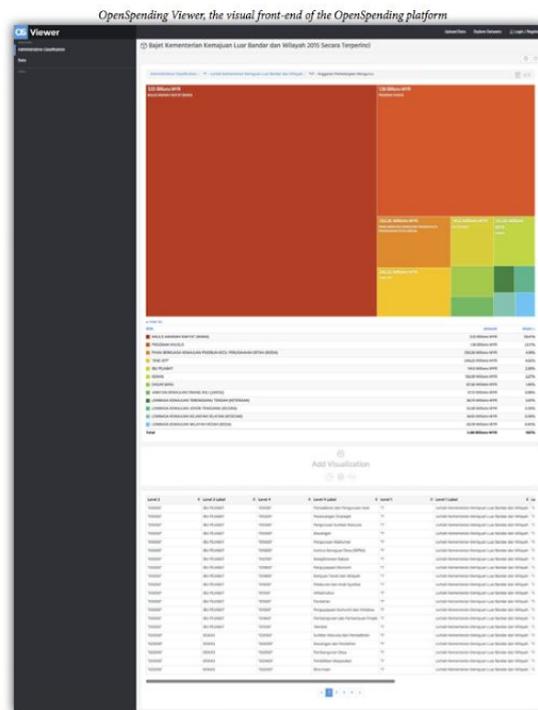
**OpenSpending** is a platform that offers a set of components for working with fiscal data.

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](mailto:diana.krebs@okfn.org)



 <p>Fraunhofer IAIS <a href="http://ais.fraunhofer.de/">http://ais.fraunhofer.de/</a> (Germany)</p>	 <p>Open Knowledge International <a href="https://okfn.org/">https://okfn.org/</a> (United Kingdom)</p>	 <p>Fundación Ciudadana Civio <a href="http://www.civio.es/">http://www.civio.es/</a> (Spain)</p>	 <p>Transparency International EU Office <a href="http://transparencyinternational.eu/">http://transparencyinternational.eu/</a> (Belgium)</p>	 <p>Open Knowledge Foundation Deutschland <a href="http://okfn.de/">http://okfn.de/</a> (Germany)</p>	 <p>Vysoká škola ekonomická v Praze <a href="http://www.vse.cz/">http://www.vse.cz/</a> (Czech Republic)</p>	 <p>Journalism++ <a href="http://www.jpplusplus.org/">http://www.jpplusplus.org/</a> (France / Germany)</p>	 <p>Universität Bonn <a href="https://www.uni-bonn.de/">https://www.uni-bonn.de/</a> (Germany)</p>	 <p>Open Knowledge Greece <a href="http://www.okfn.gr/">http://www.okfn.gr/</a> (Greece)</p>
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## Tool: RDFBrowser

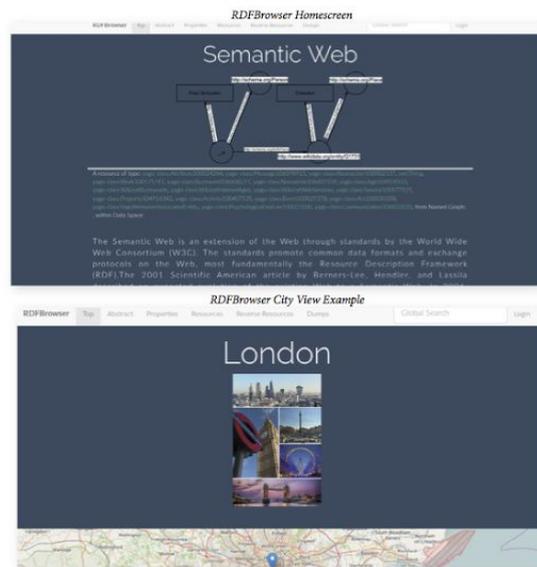
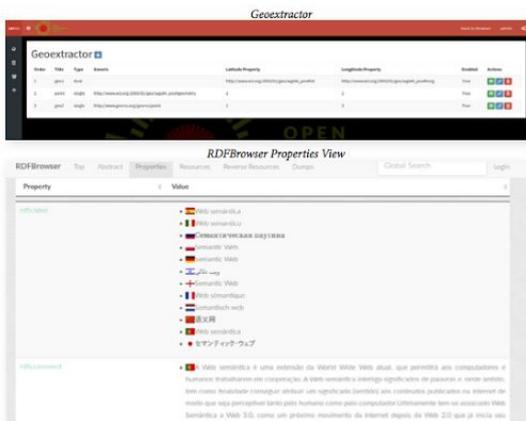
One of the main challenges of Linked Data deployment, is publishing them on the Web. The reason we give HTTP IRIs as names to resources is that both humans and machines should be able to lookup on these identifiers and get proper descriptions of the resources. Where proper means that it should be on 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: [Sotirios Karampatakis, karampatakis@okfn.gr](mailto:Sotirios.Karampatakis@okfn.gr)



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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	Link to press release (scan if not available online)
Amir Campos	CIVIO	Press Release	Openbudgets.eu Online Press Rel			21/11/2016	Platform Beta La	Spanish	<a href="http://openbudgets.eu/assets/press_releases/ES_OBEU_Beta_Launch.pdf">http://openbudgets.eu/assets/press_releases/ES_OBEU_Beta_Launch.pdf</a>
Amir Campos	CIVIO	Press Release	OpenBudgets ab Online Press Rel			16/11/2016	LST Call for Ten	Spanish	<a href="http://openbudgets.eu/assets/press_releases/ES_Call_for_Large_Scale_Trials_OBEU.pdf">http://openbudgets.eu/assets/press_releases/ES_Call_for_Large_Scale_Trials_OBEU.pdf</a>
Charalamos Br	Open Knowledge	Press Release	ΔΕΛΤΙΟ ΤΥΠΟΥ OBEU Website			10/11/2015		Greek	<a href="http://openbudgets.eu/assets/press_releases/pr1-greek.pdf">http://openbudgets.eu/assets/press_releases/pr1-greek.pdf</a>
Charalamos Br	Open Knowledge	Press Release	To έργο Openbu Online Press Rel			21/11/2016	f	Greek	<a href="http://openbudgets.eu/assets/press_releases/GR_OBEU_Beta_Launch.pdf">http://openbudgets.eu/assets/press_releases/GR_OBEU_Beta_Launch.pdf</a>
Charalamos Br	Open Knowledge	Press Release	Ανοχτή πρόσκληρ Online Press Rel			16/11/2016	LST	Greek	<a href="http://openbudgets.eu/assets/press_releases/GR_Call_for_Large_Scale_Trials_OBEU.pdf">http://openbudgets.eu/assets/press_releases/GR_Call_for_Large_Scale_Trials_OBEU.pdf</a>
Charalamos Br	Open Knowledge	Press Release	Openbudgets.eu OBEU Website			07/09/17	OBEU Launch	Greek	<a href="https://goo.gl/Xr6psA">https://goo.gl/Xr6psA</a>
Vojtěch Svátek, I	University of Eco	Press Release	UEP is participat web page			11/11/2015	Introducing Oper	czech	<a href="http://www.vse.cz/zpravodaj/1214">http://www.vse.cz/zpravodaj/1214</a>
David Chudán	University of Eco	Press Release	Tisková zpráva - Online Press Rel			21/11/2016	Platform launch	CZ	<a href="http://openbudgets.eu/assets/press_releases/CZ_Call_for_Large_Scale_Trials_OBEU.pdf">http://openbudgets.eu/assets/press_releases/CZ_Call_for_Large_Scale_Trials_OBEU.pdf</a>
David Chudán	University of Eco	Press Release	Tisková zpráva: ' Online Press Rel			17/11/2016	Large Scale Trial	CZ	<a href="http://openbudgets.eu/assets/press_releases/CZ_Call_for_Large_Scale_Trials_OBEU.pdf">http://openbudgets.eu/assets/press_releases/CZ_Call_for_Large_Scale_Trials_OBEU.pdf</a>
Bela Seeger	Open Knowledge	Press Release	OpenBudgets.eu OBEU Website			10/11/2015	Berlin, Novembe	English	<a href="http://openbudgets.eu/post/2015/11/10/openbudgets-press-release/">http://openbudgets.eu/post/2015/11/10/openbudgets-press-release/</a>
Bela	Open Knowledge	Press Release	Prototype Launc OKF DE Press r			21/11/2016	Prototype Launc	German	<a href="http://us5.campaign-archive1.com/?u=929f1e07936386d34833e20d1&amp;id=c7286743af">http://us5.campaign-archive1.com/?u=929f1e07936386d34833e20d1&amp;id=c7286743af</a>
Bela	Open Knowledge	Press Release	LST Press Relea Twitter			18/11/2016	Large Scale Trial	Germany	<a href="http://openbudgets.eu/assets/press_releases/DE_Call_for_Large_Scale_Trials_OBEU.pdf">http://openbudgets.eu/assets/press_releases/DE_Call_for_Large_Scale_Trials_OBEU.pdf</a>
Bela Seeger	Open Knowledge	Press Release	OpenBudgets.eu Online Press Rel			21/11/2016	Platform Beta La	German	<a href="http://openbudgets.eu/assets/press_releases/DE_OBEU_Beta_Launch.pdf">http://openbudgets.eu/assets/press_releases/DE_OBEU_Beta_Launch.pdf</a>
Bela Seeger	Open Knowledge	Press Release	OpenBudgets ve Online Press Rel			16/11/2016	LST Call for Ten	German	<a href="http://openbudgets.eu/assets/press_releases/DE_Call_for_Large_Scale_Trials_OBEU.pdf">http://openbudgets.eu/assets/press_releases/DE_Call_for_Large_Scale_Trials_OBEU.pdf</a>
Bela Seeger	Open Knowledge	Press Release	Openbudgets.eu Online Press Rel			21/11/2016	Platform Beta La	English	<a href="http://openbudgets.eu/assets/press_releases/EN_OBEU_Beta_Launch.pdf">http://openbudgets.eu/assets/press_releases/EN_OBEU_Beta_Launch.pdf</a>
Bela Seeger	Open Knowledge	Press Release	OpenBudgets ter Online Press Rel			16/11/2016	LST Call for Ten	English	<a href="http://openbudgets.eu/assets/press_releases/EN_Call_for_Large_Scale_Trials_OBEU.pdf">http://openbudgets.eu/assets/press_releases/EN_Call_for_Large_Scale_Trials_OBEU.pdf</a>
David Chudán	University of Eco	Press Release	OpenBudgets fin Online Press Rel			10/10/2017	Platform release	Czech	<a href="http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf">http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf</a>
Charalamos Br	Open Knowledge	Press Release	OpenBudgets final platform releasi			10/10/2017	Platform release	Greek	<a href="http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf">http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf</a>
Amir Campos	CIVIO	Press Release	OpenBudgets fin Online Press Rel			10/10/2017	Platform release	Spanish	<a href="http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf">http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf</a>
Bela Seeger	Open Knowledge	Press Release	OpenBudgets final platform releasi			10/10/2017	Platform release	english	<a href="http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf">http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf</a>
Bela Seeger	Open Knowledge	Press Release	OpenBudgets ter Online Press Rel			10/10/2017	Platform release	German	<a href="http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf">http://openbudgets.eu/assets/press_releases/OBEU_Final_Launch.pdf</a>
Nicolas Kayser-E J++		Press Release	Lancement d'Op OBEU Website			10/11/2015	Berlin, le 1 er novembre 2015	French	<a href="http://openbudgets.eu/assets/press_releases/pr1-french.pdf">http://openbudgets.eu/assets/press_releases/pr1-french.pdf</a>
Nicolas Kayser-E J++		Press Release	OpenBudgets.eu Online Press Rel			21/11/2016	Platform Beta La	French	<a href="http://openbudgets.eu/assets/press_releases/FR_OBEU_Beta_Launch.pdf">http://openbudgets.eu/assets/press_releases/FR_OBEU_Beta_Launch.pdf</a>

### Appendix XIV: Round Table-Discussions

Round-table discussion	Your Name	Your Organisation	Type of activity	Type of Roundtable disc	Date	Organiser	# of atte	Type of audience / stake	# of flyers handed out (a # of fact-sh	Outcomes / Outputs / Relevance to Open Budgets / Links to your notes
Charalamos Bratas	Open Knowledge	Greece	demonstration meeting	Private	30/07/2017	Vice-mayor and personnel Presentation 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 administrators.
Anna Alberta	Open Knowledge	German	Round-table discussion	Closed	04/10/2016	OBEU Stakeholder Works Policy Makers, CSOs / NGOs, Academia, Open Data Community				The kick-off stakeholder meeting provided valuable insights and feedback for OBEU.
Lucie Sedlářová	University of Economics, J	Round-table discussion	Open	18/02/2016	Fond Diskora M	50	Policy Makers, CSOs / NGOs, Academia, Open Data Community			It is important to find out a way how 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 zurk Felder	Open Knowledge	German	Round-table discussion	Closed	10/10/2016	German Ministry	10	Policy Makers, CSOs / NGOs, Civil Society, Academia		Mentioned importance of open budget information for our work.
Anna Alberta	Open Knowledge	German	Round-table discussion	Closed	07/10/2016	Self-organised	12	CSOs / NGOs, Civil Society, Academia, Stakeholder Board OBEU		The kick-off stakeholder meeting provided valuable insights and feedback for OBEU.
Jiřofim Mlynř	University of Economics, I	Presentation / Lightning T	Closed	18/02/2016	OpenFera [proje]	81	Policy Makers, Czech Supreme Audit Office			An introduction of the OpenBudgets.eu project was presented as an example use of linked open data in the public sector.
Lucie Sedlářová	University of Economics, I	Presentation / Lightning T	Open	10/11/2017	Isakari [releas] #	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 Peters	Open Knowledge	German	Roundtable	Open	13/03/2017	PDF-CEE 2017	10	20 stakeholders CSO/Journalists/Activists Central and Eastern EU		Input in the use of subsidiarysites.eu for Central and Eastern European Countries and the tools of OpenBudgets.eu
Anna Alberta	Open Knowledge	German	Panel	Open	10/11/2017	Week of Cities #	40	30 Regional Administration		Promotion and dissemination of the final OBEU platform
Anna Alberta and Michael	Open Knowledge	German	Roundtable	Open	01/10/2017	Berlin Open Dat	50	Data Practitioners, IT Experts, CSOs / NGOs		Input and new angles for Open Budget data and its requirements in Berlin and linking it to engagement and participation initiatives in the city
Anna Alberta	Open Knowledge	German	Roundtable	Open	18/03/16	OpenState.eu	10	Civic Tech, Administration, Private Sector		Exchange of budget visualisations in Europe and discussion on impact