



Raising Open and User-friendly Transparency- Enabling Technologies for Public Administrations



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D1.4 Final Report of the Management

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WISE&MUNRO



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Executive Summary

This deliverable describes work carried out during three years of the ROUTE-TO-PA project (February 2015 - May 2018), within Workpackage 1, "Coordination and Management".

The purpose of the "Final Report of the Management" deliverable is to provide an overview of the management and administrative procedures of the ROUTE-TO-PA project followed during the three years of the project in order to reach high quality project results.

The document has followed the guidelines drawn in the D1.2 and D1.3 and has been organized in the following way:

Section 1 "Project Organization" presents all the participants to the project and the roles allocated to the involved organization during three years of the project involving third parties and additional pilots.

Section 2 "Principles of ROUTE-TO-PA process management" describes the results achieved by the team, as planned in D1.2, developing and delivering the final platform, named "*ROUTE-TO-PA platform*", at the end of the third year of the project.

The final platform includes the followings tools and it has been described in D4.7:

- Transparency Enabling Toolset (TET) project, developed by NUIG team, is a set of tools designed to extend the functionalities of popular open data platforms and in particular, CKAN (Comprehensive Knowledge Archive Network) with data accessibility and understandability features, describing User Interface Services and Storage layers.
This platform has been described in the D4.2 and D4.5 delivering an alpha and beta versions of TET respectively.
- Social Platform for Open Data (SPOD) and Presentation Layer projects developed by UNISA team include the Collaborative layer and the Presentation layer. The Presentation layer represents how the stories can emerge from raw data. The Collaboration layer provides data visualization (named datalets) that can be embedded as an inline text within a story or this visualization can be shared on the social media for communicating information via the Internet. This platform has been described in the D4.1 and D4.3, delivering an alpha and beta versions of SPOD respectively.
- Simulation of the multi-agent Model for elicitation of preferences in heterogeneous communities (SIM) by WSE team has been fully integrated with the SPOD platform to support decision processes visualization. This platform has been described in the D4.4 and D4.6, delivering an alpha and beta versions of SIM respectively.

The final ROUTE-TO-PA platform integrates the agile design method with Scenario-Based Design (SBD) (1). Furthermore, a set of recommendations (GUIDE) have been developed as a good practice guide for open data publishers for achieving higher quality transparency through open data, described in D6.4.

Section 3 "Management control and reporting" reports how monitoring was conducted:

- "Activities reports" reporting activities of each partner monthly
- All deliverables of the three years of the project, monitored by each WPL (Work Package Leader), uploaded by the Project Coordinator (PC) on the EU Participants portal and delivered on time.
- Reporting activities, submitting to EC, three project reports (month 12, 24, 40)

1 PROJECT ORGANISATION

1.1 INTRODUCTION

According to the ROUTE-TO-PA project's Description of Work (DoW) straightforward management structures with clearly defined roles and responsibilities based on individual competencies for the respective role have been established.

The management of the different project components, i.e., the Management Team, End-User Advisory Board (EUAB), Advisory Committee (AC), Ethics and Data Privacy Advisors and Design Team (DT) are dealt with below with the respective activities.

The General Assembly oversaw project management-relevant activities and the general performance of the project, including the appropriate termination of the project with a final event held in Naples, Italy.

1.2 PARTICIPATING PARTNERS

The ROUTE-TO-PA Consortium composition is defined in the Contract INNO-1-2014 number 645860 and its annexes. The following table summarises the participation to the project and roles allocated to the involved organisation during the three years of the project.

List of all participants in the Year 1 of the ROUTE-TO-PA project is shown in the below table:

Part. Role ¹	Part. no.	Participant name	Part. short name	Country	WP responsibility	Total nr. Of man-months
CO	1	UNIVERSITA DEGLI STUDI DI SALERNO	UNISA	Italy	WP1 WP4	58
CR	2	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	CNRS	France	WP3	37
CR	3	WISE&MUNRO	WISE&MUNRO	Netherlands	WP5	37
CR	4	NATIONAL UNIVERSITY OF IRELAND GALWAY	GALWAY	Ireland	WP2 WP6	47
CR	5	SZKOLA GLOWNA HANDLOWA W WARSZAWIE	WSE	Poland		38
CR	6	UNIVERSITEIT UTRECHT	UU	Netherlands		38
CR	7	ANCITEL SPA	ANCITEL	Italy		33
CR	8	ORTELIO LTD	ORTELIO	United Kingdom	WP7	36
CR	9	GEMEENTE DEN HAAG	DEN HAAG	Netherlands		15

¹ CO = Co-ordinator

CR = Contractor

CR	10	DUBLIN CITY COUNCIL	DUBLIN	Ireland		15
CR	11	COMUNE DI PRATO	PRATO	Italy		13
CR	12	OPEN KNOWLEDGE FOUNDATION LBG	OKF	United Kingdom		30

Table 1: All participants in the year 1 of the ROUTE-TO-PA project

In the Year 2 of the project, the coordinator has notified to the consortium that, as communicated in a remote team leader meeting, Den Haag has finished the participation in the project from April 1st 2017. The role of Den Haag, as pilot of ROUTE-TO-PA technology, has been replaced by the Heter pilot in Salerno, led by Università di Salerno (Italy) and the remaining budget from Den Haag has been moved to the Università di Salerno to follow the Heter pilot. Moreover, one early adopter of the technology has been engaged:

- Regione Campania Council

that has been re-using the ROUTE-TO-PA software (in particular SPOD platform) for (internal) authoring of open data (2) . The Council also hosted the final event of the Project in its premises.

1.3 THIRD PARTIES INVOLVED

Since the CNRS laboratory that has worked in ROUTE-TO-PA project is a Joint Research Laboratory, involving both CNRS and Institut Mines Telecom (called Unité Mixte de Recherche LTCI), the CNRS has declared "Institut Mines Telecom" as a "linked third party" with no budget. This formal step was required only to allow them to collaborate with Telecom personnel, if necessary.

1.4 ADDITIONAL PILOTS

Additional Pilots have participated in the project:

- Issy-les-Moulineaux, through Issy Media, town council owned company
- Groningen Province (The Netherlands) (first 2 years) and Utrecht (The Netherlands) (third year)

1.5 PROJECT MANAGEMENT STRUCTURE AND ACTIVITIES

To remind the reader, as defined in the D1.2, the Project Management Board (PMB) structure is the same and the following management bodies defined as follows:

1. The Management Team (MT)
2. The General Assembly (GA)
3. End-User Advisory Board (EUAB) or User Committee (UC)
4. Advisory Committee (AC)
5. Technical Committee (TC)
6. Ethics Advisor
7. Data Privacy Advisor
8. Design Team (DT)

The PMB is depicted in the figure below, highlighting three committees that have been instituted to address management matters at both general level (Project Management Board - PMB) and type of activity level (Technical and User Committees – TC and PC).

expressed during the plenary meetings. The Project Management Team also checked that the Deliverables were delivered on time, with the contributions of all the partners.

The risks were carefully monitored and addressed by the PO during the three years of the project and in particular, the following risks have been dealt with (more details are available in section 1.6).

During the first year, workshops were held by the five pilots had difficulty in recruiting the participants.

The involvement since the end of year 2 of the End User Advisory Board offered additional support in case of lack of responses from PAs.

Then, Prato pilot has allowed a free registration of the own ROUTE-TO-PA platform to increase the involvement of participants. In addition, a developers' advocate from Open Knowledge Foundation (that changed into Open Knowledge International (OKI) during the project) was assigned by the team to assist each pilot to make contacts with nation OKI.

Plenary meetings (three meetings in the first year, two plenary meetings in the second year, and three meetings in the third year) and specific research meetings have been scheduled in order to continuously ensure, to review and plan project work.

Frequent meetings and communication (via remote meetings, the intranet platform etc.) have been a means for effective communication in the team.

In particular, in the second half-year of the project the activity of Community Building, has allowed stronger involvement and guidance of the communities, in order to enhance motivation, providing alternative scenarios in each pilot, and monitor/guide the co-creation process.

- **Contract, administrative, contractual, financial and organisational**

Questions concerning the use of resources have been addressed in the General Assembly of Dec. 3rd 2015 in Paris, related a small budget change for the End-user Advisory Board (EUAB) reimbursement.

In the University of Salerno (UNISA team) have been addressed unforeseen subcontracting for a few members of the UNISA team.

Other small tasks have been addressed with CNRS, INSIGHT, NUIG, Comune di Prato and Dublin City Council.

The second year a new Budget, proposed in the amendment has been approved (more details are available in section 5.2 of the Periodic Technical Report of the second year).

- **Administrative, financial and EC regulatory aspects**

The MT has been leading and coordinating also administrative aspects of the project and the consortium and their relation with the EC, all in compliance with the Grant Agreement and the Consortium Agreement. This task has been detailed in the deliverable of the Project Quality Plan (D1.3).

- **Meetings, presentations, internal and external workshops**

The table below shows all meetings, presentations, internal and external workshops held during three years of project:

Meetings, presentations, internal and external workshops	Dates, venue and main topics
Remote meeting with OpenBudget.eu project	<ul style="list-style-type: none">• June 30th, 2015 (remote): presentation of the Project done in videoconference by the Coordinator during the kickoff meeting of OpenBudget project.• July 23rd, 2015 (remote): remote meeting with OpenBudget project. Defined three possible ways to collaborate.• Nov. 26th, 2015 technical meeting at Share-PSI in Berlin (DEEP).

	<ul style="list-style-type: none"> Dec. ^{1st} 2016. OpenBudget.eu presentation at the ROUTE-TO-PA plenary meeting.
Meeting with Ethical and Privacy advisors	<ul style="list-style-type: none"> July 20th, 2015: Meeting in Salerno with Ethical Advisor, Prof. Conchita D' Ambrosio. Presentation of the status of the project from the Coordinator and from key members of the Salerno team. Discussions and guidelines provided by the Ethical Advisor for the next steps. September 11st, 2015: Meeting in Salerno with Privacy Advisor Dr. Balachander Krishnamurthy. Presentation of the status of the project from the Coordinator and from key member of the Salerno team. Discussions and guidelines about Privacy by the Privacy Advisor for the next steps. November 23th 2016: Meeting in Salerno with Privacy Advisor Dr. Balachander Krishnamurthy. Presentation of the status of the project from the Coordinator and from key member of the Salerno team. Discussions and guidelines about Privacy by the Privacy Advisor for the next steps. July 27th, 2017: the meeting with Ethical advisor held in University of Salerno, Italy, and it had a debriefing meeting on the ethical issues tackled in ROUTE-TO-PA project. May 11th, 2018: Ethical Advisor is participating at the Hetor project final event for the schools in Salerno, reviewing the work done with students. Later, in the same day, the Advisor is reviewing the rest of the activities of the project form about Ethics.
Plenary meetings	<ul style="list-style-type: none"> February, 9th -11th 2015 in Salerno (Italy) June 8th -10th 2015 in Galway (Ireland) December 1st-2nd, 2015, Paris (France) May, 24th -25th 2016 in Warsaw (Poland) September 14th -16th 2016 in Prato (Italy) May, 15th - 16th , 2017 in Dublin (Ireland) January, 29th-30th , 2018 In Paris (France) April 16th 2018 in Naples (Italy)
Other project meetings	<ul style="list-style-type: none"> Researchers from CNRS, UU, and Wise & Munro met with INSIGHT in Galway March 31th - April 2nd 2015 to prepare for the collective intelligence workshop. Participants from Salerno, CNRS, UU, Wise & Munro, CNRS, Ancitel, OKF, and INSIGHT met in Utrecht Sep 27th -29th, 2015 to discuss WP5 research and evaluation issues. May 27th, 2015: Meeting in Salerno with UNISA and Ancitel teams. Discussion related to the architecture of SPOD and the platform that they are currently using for open data.

	<ul style="list-style-type: none"> • July 24th, 2015: Meeting in Salerno with UNISA, Prato and Ancitel teams. Discussions related to the architecture of SPOD and the possibly usage in Prato context. • February 9th-10th, 2016, Den Haag. Researchers from CNRS, UU, Wise & Munro, Salerno, and Insight met in WSP (Werkgevers-Service Punt) the discussion of the cocreation activities to be taken in year 2. • October 27th, 2016, Paris. Researchers from Salerno, Galway, Wise&Munro, UU and CNRS met for discussing shared methods for the analysis of the data produced during the discussion and preparation for the D3.2 • January 10th-11th, 2017. Partners from CNRS, UU, Wise & Munro, Salerno, Insight, Ancitel, Prato, WSE, Issy-les-Moulineaux (additional pilot) met in University of Salerno (Dipartimento di Informatica) in order to prepare and coordinate the effort in the production of the Deliverables for the end of the year. • June 26th -28th, 2017 Utrecht meeting. Researchers from Salerno, CNRS, Utrecht Prato, Dublin, Issy-les-Moulineaux, Ancitel and Wise & Munro met for discussing and understanding the requirements for scenarios and to produce a document for pilots to generate their own scenarios. • April 17th, 2018 final presentation (public) meeting in Naples, titled “Open Data for Transparency and Participation”, it organised by ROUTE-TO-PA project, the event brought together a diverse crowd of experts from EU institutions, national authorities, public administrations, cities, academia and the technology sector. In the agenda, presentations demonstrating best practices in citizen-led co-creation of data-driven solutions from across Europe have been scheduled. • May 11th, 2018 final event for the Heter Pilot for awarding all the schools involved into the activities conducted within the “School-to-work transition” programme, an educational path designed to prepare students to enter the job market. All the students have been involved in co-creation activities to promote and preserve own local territory through the open data.
Meeting with End-User Advisory Board	<ul style="list-style-type: none"> • March 3rd, 2017, Sala Carroccio”, Palazzo Senatorio, Campidoglio, Rome (Italy) meeting. The meeting has been organized with the End-User Advisory Board.

	<ul style="list-style-type: none"> The EUAB was invited at the April 17th 2018 final event and several members participated in round tables during the day.
Technical Committee remote meetings (WP Leaders)	<p>When there was no other scheduled face-to-face meeting, remote meetings were held among the WP Leaders (and sometime also with all the team leaders).</p> <ul style="list-style-type: none"> 04/14/2016 10/25/2016 05/13/2016 12/19/2016 12/21/2016 03/29/2017 04/28/2017 05/02/2017 05/24/2017 10/5/2017 11/13/2017 12/7/2017

Table 2: Meetings, presentations, internal and external workshops held during three years of the project.

- All reports and other deliverables**

The PM has coordinated the preparation and distribution of all reports and other deliverables.

Activity reports of each team, during the three years of the project, and the respective address of the repository of the project are available in the below table:

Link of repository of each report for team	
Activities reports	<p>(Ancitel) http://service.routetopa.eu:8000/d/50e699f998/</p> <p>(CNRS) http://service.routetopa.eu:8000/d/91bbe65150/</p> <p>(DEN Haag) http://service.routetopa.eu:8000/d/3546a138f6/</p> <p>(Dublin) http://service.routetopa.eu:8000/d/6e125eb84c/</p> <p>(INSIGHT) http://service.routetopa.eu:8000/d/94c8af6ce7/</p> <p>(OKF) http://service.routetopa.eu:8000/d/234619f6a5/</p> <p>(ORTELIO) http://service.routetopa.eu:8000/d/db5bc1862a/</p> <p>(Prato) http://service.routetopa.eu:8000/d/d7a033f19b/</p> <p>(UNISA) http://service.routetopa.eu:8000/d/d7525a42c2/</p> <p>(UTRECHT) http://service.routetopa.eu:8000/d/a6e5b3459b/</p> <p>(WARSAW) http://service.routetopa.eu:8000/d/07e71f4d7b/</p> <p>(WISE&MUNRO) http://service.routetopa.eu:8000/d/af5ddbec0a/</p>
Deliverables	<p>http://service.routetopa.eu:8000/d/8225cb7141/</p> <p>http://routetopa.eu/public-deliverables/</p>

Table 3: Addresses of activities reports, in the repository of the project, for team

The MT has coordinated all the deliverables and ensured they were delivered on time according to the scheduled deadline. All deliverables are available at the repository: <http://service.routetopa.eu:8000/d/8225cb7141/> and the <http://routetopa.eu/public-deliverables/>.

- Monitoring of activities within all work packages**

During the remote meetings, plenary and research meetings of the three years of the project, the PMT has done continuous and active monitoring collecting documentation related the activities within all work packages.

1.5.2 THE GENERAL ASSEMBLY (GA) ACTIVITIES

As defined in D.1.2, the General Assembly (GA) is chaired by Project Coordinator (PC) and it is composed of one representative per partner taking all strategic decisions. GA is the decision-making body of the ROUTE-TO-PA project. Each plenary meeting was regularly scheduled during the whole lifetime of the project. If no objection had been made within a 15-day period, the minutes, distributed not later 10 days after each meeting, would be accepted.

General Assembly meetings, in general, were scheduled at the end of each plenary meeting and they were held regularly at the end of the plenary meeting and the minutes as approved are available on the repository of the project at <http://service.routetopa.eu:8000/d/d7d4aa5f2e/>.

First year (2015- 2016)	Second year (2016-2017)	Third year (2017-2018)
February, 9 th - 11 th 2015 in Salerno (Italy)	May, 24 th -25 th 2016 in Warsaw (Poland)	May, 15 th - 16 th , 2017 in Dublin (Ireland)
June 8 th - 10 th 2015 in Galway (Ireland)	September 14 th -16 th 2016 in Prato (Italy)	January, 29 th -30 th , 2018 in Paris (France)
December 1 st -2nd, 2015, in Paris (France)		

Table 4: List of the plenary meetings in the three years of the ROUTE-TO-PA project.

1.5.3 END-USER ADVISORY BOARD (EUAB) ACTIVITIES

The Board encompasses the representatives of the main target groups (Public Administrations, ICTs companies interested in providing services to PAs); it provides feedback on the prototypes delivered by ROUTE-TO-PA project at intermediate milestones and it is responsible for the coordination of research efforts by the pilot partners.

The End-User Advisory Board (EUAB) (or User Committee) started the activities in the second year (2017) and it has been constituted with the following members from Europe:

- Franck Carrasus, co-founder and COO, Opendatasoft, France
- Paul Suijkerbuijk, Open data expert, Centre of Expertise for Open Government at Ministry of Internal Affairs and Kingdom Relations, The Netherlands
- Adam Leadbetter, Team Leader for Data Management at Marine Institute, Ireland
- TatjanaPerše, Major Cities of Europe and Head of eGovernment Unit - City of Rijeka, Croatia
- Itzik, Ben David, Tel Aviv Town Council, Israel
- Thimo Thoye, E-strategist, City of Gent, Belgium
- Flavia Marzano, Professor of Technology for Public Administrations, Università La Sapienza di Roma, Italy
- Andrea Pagano, Italian Institute of Statistics (ISTAT), Italy

The first meeting has been organized in Rome and held in March 3rd, 2017 with the following members:

- Paul Suijkerbuijk, open data expert, Centre of Expertise for Open Government at Ministry of Internal Affairs and Kingdom Relations, The Netherlands
- Tatjana Perše, Major Cities of Europe and Head of eGovernment Unit - City of Rijeka, Croatia

- Ella Maschiach, Tel Aviv Town Council, Israel
- Thimo Thoye, E-strategist, City of Gent, Belgium
- Flavia Marzano, Professor of Technology for Public Administrations, Università La Sapienza di Roma, Italy and City Councillor for the Municipality of Rome

The agenda of the meeting included some initial presentations of the project, the technology and the methods used, and the work packages presentations. Then, there was a large room for discussion, after a quick demo of the example scenarios held in the pilots, with the tools. The EUAB proposed a set of recommendations to the for the third year activities of the project. Details have been described in section 7.1 of the final Periodic Technical Report of the second year (2016-2017).

The final presentation (public) meeting has been organized in Naples and held on April 17th, 2018, titled “Open Data for Transparency and Participation”, with the following members (details are available at the link <http://service.routetopa.eu:8000/d/357b346bf7/>)

- Cristina Vasilescu – IRS Institute for Social Research, EU ENLARGE project (IT)
- Andrea Halmos - Policy Officer, EU Directorate-General for Communications Networks, Content and Technology (DG-CNECT), Bruxelles (BE) (from remote)
- Paul Suijkerbuijk, Open data expert, Centre of Expertise for Open Government at Ministry of Internal Affairs and Kingdom Relations, The Netherland
- Daniela Intravaia - Internationalisation General Manager at AGID, Rome
- Robert Krimmer - TOOP Project Coordinator, Tallinn (EE) (from remote)
- Cristina Vasilescu - IRS Institute for Social Research, EU ENLARGE project (IT)
- Tatjana Perse - Head of egovernment, City of Rijeka (HR)



Figure 2: the Final event of THE ROUTE-TO-PA project in Naples, Italy

“Open Data for Transparency and Participation” final meeting in Naples (April 17 th , 2018)	
Paul Suijkerbuijk, open data expert, Centre of Expertise for Open Government at Ministry of Internal Affairs and Kingdom Relations, The Netherlands	
Mrs. Tatjana Perse - Head of egovernment, City of Rijeka (HR)	
Cristina Vasilescu – IRS Institute for Social Research, EU ENLARGE project (IT)	

<p>Robert Krimmer - TOOP Project Coordinator, Tallinn (EE) (from remote)</p>	
<p>Andrea Halmos - Policy Officer, EU Directorate- General for Communications Networks, Content and Technology (DG-CNECT), Bruxelles (BE) (from remote)</p>	

Table 5: Some of the participants (in the EUAB and external experts) in the final event of the ROUTE-TO-PA project.

1.5.4 ADVISORY COMMITTEE (AC) ACTIVITIES

An external independent Ethics Advisor has been chosen assuring, both in advance and by periodic review that appropriate steps are taken into the ROUTE-TO-PA activities to protect the rights and welfare of humans participating as subjects in the evaluations of ROUTE-TO-PA prototypes.

The Ethics Advisor is Conchita D' Ambrosio. Conchita D'Ambrosio was appointed Professor of Economics at the Université du Luxembourg in April 2013 as part of the PEARL programme. Her research mainly focuses on income and wealth distributions, deprivation, polarization and social exclusion.

The Ethics Advisor has been constantly informed of the progress of the project, in particular, the parts involving evaluation and pilot activities. A formal report from the Ethics Advisor has been asked by the Project Management and submitted with the financial reports.

Meetings with Ethics Advisor:

- July 20th, 2015: the meeting held in University of Salerno, Italy and it concerned a debriefing meeting on the presentation of the status of the project from the Coordinator and from key members of the Salerno team. Discussions and guidelines had provided by the Ethical.
- July 27th, 2017: the meeting held in University of Salerno, Italy and it concerned a debriefing meeting on the ethical issues tackled in ROUTE-TO-PA project.
- May 11th, 2018 participation in the Hetor final event held in Salerno and it concerned a debriefing meeting on the final status and project progress from UNISA team.

In addition, an independent Data Privacy Protection Advisor was appointed to provide all the relevant information about possible sensitive issues in ROUTE-TO-PA pilot activities. The Data Privacy Protection Advisor is Balachander Krishnamurthy. He is a member of technical staff at AT&T Labs-Research. His focus of research of is in the areas of Internet privacy, Online Social Networks, and Internet measurements. The Data Privacy Protection Advisor has

reported to Project Management at end of each year. These reports have been submitted with the financial reports.

Regular exchange of emails (monthly) and a day meeting with presentations and discussions had been organized with the UNISA team held in Salerno, Italy. Much of the design for the privacy of SPOD platform was directed by his comments, and by further remote interactions.

Meetings with Privacy Advisor have been done to organize the presentation of the status of the project from the Coordinator and from the key member of the Salerno team. Discussions and guidelines about Privacy by the Privacy Advisor for the next steps in the project were suggested.

The scheduled meetings held in Salerno:

- September 11st, 2015: Meeting in Salerno with Privacy Advisor Dr. Balachander Krishnamurthy.
- November 23th, 2016: Meeting in Salerno with Privacy Advisor Dr. Balachander Krishnamurthy.

The rest of the Advisory Committee has been involved through regular informal updates through project members.

1.6 TASKS OF THE PROJECT MANAGER (PM)

As defined in section 1.6 of the D1.2, all tasks assigned to the PC are described below:

Monitoring and coordination of all project activities

All monitoring measures and risks are summarized below and more details are available in the Final Periods. The table below shows the deadlines of three Reporting Periods uploaded on the EU Participant portal².

Reporting Periods

Reporting Period No.	From Month	To Month	Duration	Start date	End date
1	1	12	12	01/02/2015	31/01/2016
2	13	24	12	01/02/2016	31/01/2017
3	25	40	16	01/02/2017	31/05/2018

Figure 3: The deadline for the final Reporting Periods

We describe here the main risks identified in the DoW, with the appropriate actions that have been taken during the project lifetime in order to manage them (all the actions have been specified in the three Periodic Reports):

- **Risk 1: leaving of a partner: Den Haag leaves the consortium**
 - In Year 3, the exit from the consortium of Den Haag has been managed with the replacement of its activities through the Hetor pilot (in Salerno) and the extension request of 4 months. More information that is detailed is included below as in the “Any deviations managed and resolved from Project Manager” section.
- **Risk 2: Partner underperforming**
 - Each partner provided bimonthly activity report. The MT checked the delivery of the Deliverables in the established deadlines. During the plenary meetings, the progress of the project monitored carefully. Regularly scheduled WP leaders’ remote meetings. As requested by the reviewers, to increase the quality of the deliverables, plenary meetings with the specific topic of managing the quality have been scheduled in January 2017 (for the second year deliverables) and in April 2018 (for the final deliverables).
- **Risk 3: Difficulty of recruiting participants**

² <https://ec.europa.eu/research/participants/portal/desktop/en/projects/index.html>

- The initial activities were addressed to the focus groups and 5 Pilots have organized workshops without problems in recruiting participants. Additional early adopters were selected in order to enlarge the user basis. A Developers' Advocate from OKF assisted every single pilot and put them in contact with national OKF chapters.
- **Risk 4: Drop-out of participants groups, experts or other main stakeholders of studies**
 - Different scenarios have been planned to allow easy replacement of eventual drop out.
- **Risk 5: Required expertise not available**
 - Remote meetings with WP leaders and plenary meetings have been scheduled continuously.
- **Risk 6: Leaving of key researcher**
 - Continuous monitoring of the activities of the research partners. No key researchers left.
- **Risk 7: Consortium partners cannot agree because of different interests**
 - In the three years of the lifetime of the project, frequent plenary/remote meetings and specific research meetings have been kept in order to resolve any disagreements.
- **Risk 8: A competing solution comes up and makes the results less**
 - During three years of the life cycle of the project, monitoring of the state-of-art, participation at several conferences, workshops events about transparency and open data. Comparisons with competing solutions have been provided by the WP7 in the Business Plan.

Any deviations managed and resolved by the Project Manager

Year 1

In the first year, there are no deviations from the plans as outlined in the DOW and minor deviations for a few tasks have been reported below.

The only minor deviation in Task 4.1 (M6-24) (Social Platform for Open Data (SPOD)) was the change of the base social platform from Elgg to Oxwall platform.

In Task 4.2 (M6-24): Transparency-Enhancing Tools (TET), the only change has been the introduction of the WordPress CMS as UI.

In Task 6.1 (M1-36): Digital footprints NUIG taking over the design and the maintenance of the project website (<http://routetopa.eu/>).

Year 2

The Task 5.2 (M12-24): user scenario building and evaluation have been postponed the deadline of D5.2 with one month to report an analysis of the Prato pilot.

(Comune di Prato): During the second year, the main deviations for resources were related to WP4 and WP5. In the WP4 case this is due to the extra work required for the setting of the CKAN platform and the switch to the Prato TET platform, while in the WP5 case this is due to the need of involving more internal staff with a lower hourly cost, in order to cover the required tasks: dataset preparation, check and publishing.

The project has achieved most of its objectives and milestones for the period with relatively minor deviations which relate to changes in tasks' leadership.

The report of the unforeseen subcontracting are available on the "Final Period report" of the second year of the project (see section 5.2.1).

Year 3

In Year 3, the main deviation was the exit from the consortium of Den Haag, the replacement of its activities through the Heter pilot (in Salerno) and the extension request of 4 months, to further allow experimentation. The Den Haag Town Council announced at the beginning of the Year 3, the April 1st, 2017, to leave the consortium and new pilot request was considered.

Briefly, in April 30th, 2017, after mail exchanges among WP5 leader (Wise & Munro) and Remote Team Leaders meeting, the General Assembly, held in Dublin in Year 3, May 16th, 2017 made a decision about the Den Haag pilot for year 3. This pilot has been replaced by the activities of the (then) Early Adopter Hetor project. The University of Salerno has coordinated the new pilot with the remaining budget unused by the Den Haag partner. The acceptance of the amendment happened in October 19th, 2017.

The table below shows the risk management with e-mail exchanges among PC, Project Officer, and team leaders. Many problems have been addressed before accepting the Amendment.

Report	Date	Descriptions
E-mail exchanges between PC and Project Officer	April 1 st 2017	The announcement of Den Haag's exit from ROUTE-TO-PA project
E-mail exchanges between PC and Project Officer	April 9 th 2017	The announcement of the Den Haag leaving the consortium and new pilot extensions request
E-mail exchanges with WP5 leader (Wise & Munro) and discussion in a Remote Team leaders meeting	April 30 th 2017	Start the recovery actions after the announcement of Den Haag's exit from ROUTE-TO-PA project
The formal decision accepted the Den Haag's exit in the General Assembly, held in Dublin in Year 3	May 30 th 2017	The proposed decision suggested the replacement of the Den Haag Pilot with the activities of the Early Adopter Hetor project
E-mail exchanges between PC and Project Officer	June 5 th 2017	The PO proposed the activation of amendment clause of the ROUTE-TO-PA, including the came off Den Haag from ROUTE-TO-PA project
E-mail exchanges between PC and Project Officer	June 26 th 2017	Update the status of the Activation of amendment clause for ROUTE-TO-PA
E-mail exchanges between PC and Project Officer	September 8 th 2017	Update the status of the payment of the Year 2 for Den Haag with compilation of the termination report on the EU portal
E-mail exchanges between PC and WP5 (Wise & Munro) leader	October 19 th 2017	Update of the status of the "termination report" for Den Haag on the Participant Portal: The amendment ready for approval
E-mail exchanges between PC and UNISA administration	October 19 th 2017	Amendment accepted

Table 6: The progress report of the "Termination report for Den Haag", followed up from PC

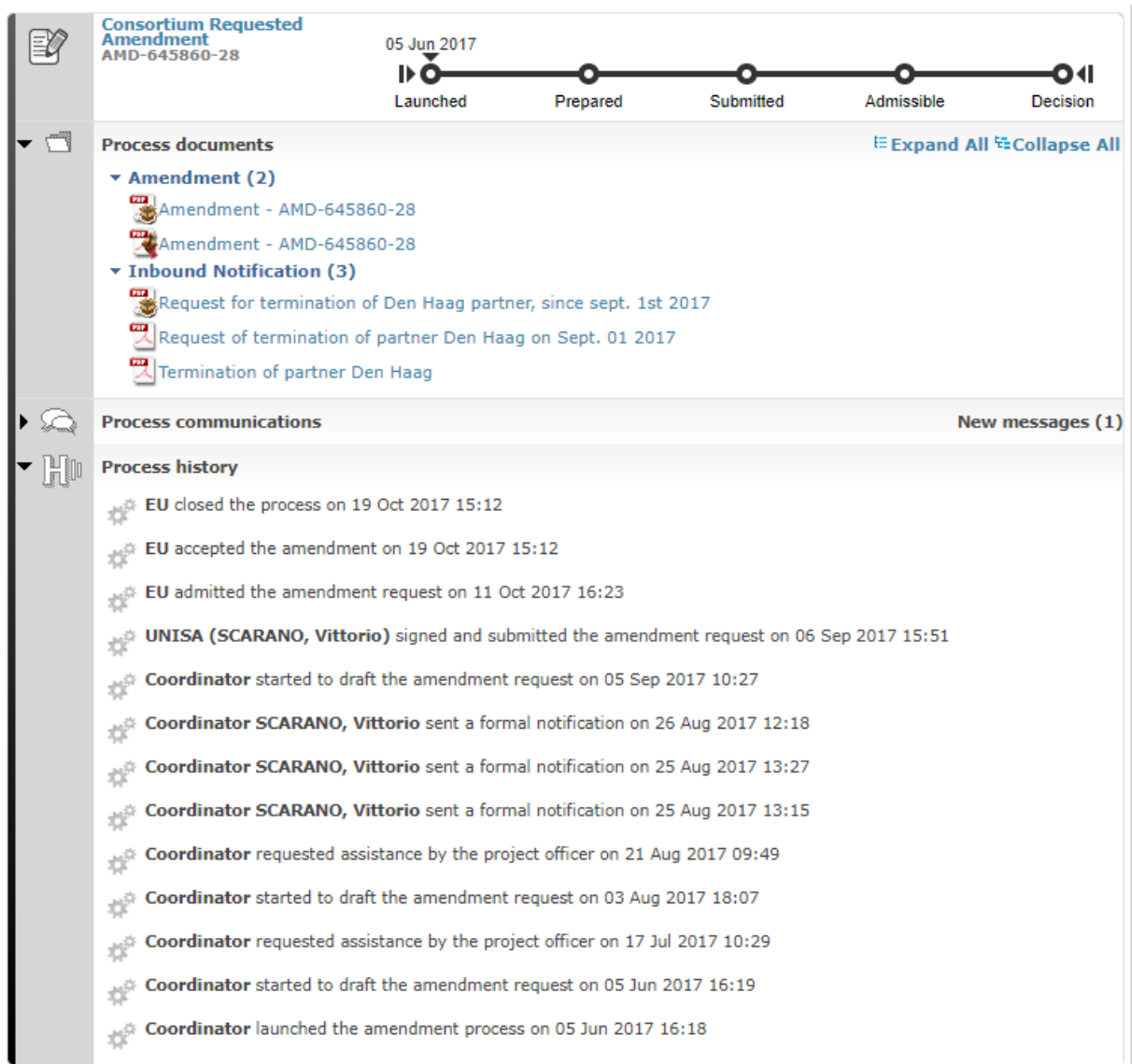


Figure 4: The EU Participant portal shows the process history related to the termination of partner Den Haag in Year 3

The extension request for 4 months for the project (ending then May 31st, 2018) has been required and approved and the figure below shows the new deadlines for deliverables:

2017											2018						
2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7
M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36						
					7.3			3.3			1.4 4.7 5.3 5.4 6.3 6.4 7.4						
2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7
M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36	M37	M38	M38	M40		
											4.7 7.3				1.4 5.3 5.4 6.3 6.4 7.4 3.3		

Figure 5: The extension request for 4 months for the project. The new deadlines for some deliverables.

Cost and effort reports

The General Assembly of Dec. 3rd, 2015 in Paris, has assigned a small budget change for the End-user Advisory Board (EUAB) reimbursement related the start of the activity in year 2.

Possible coordination of activities with other projects

An initial interoperability between the SPOD project and Festival project³, H2020 EU-Japan collaborative project, happened. In particular, SPOD project has made available own service (that is DataEt-Ecosystem Provider (DEEP)) that allowed the loading of data, filtering, grouping, and visualization tasks of datasets made available from FESTIVAL project. An ongoing collaboration is started with REACH project, HORIZON 2020 European Funded project, to share collaboration and management of the best practices through co-creation process.

- **FESTIVAL project**

The **FESTIVAL (F**ederated interoperable **S**mar**T** ICT services de**V**elopment **A**nd testing **p**latforms) project (the project available at link <http://www.festival-project.eu/>) is an H2020 EU-Japan collaborative project aims to makes heterogeneous testbeds interoperable building an “Experimentation as a Service” (EaaS) model. The different testbeds involved have been classified into four categories: Open data, Internet Of Things (IoT) data, IT resources and Living Labs.

One of the components of the FESTIVAL ‘s architecture is open data Federation that aims to federate repository of open data; this latter involved a high-level functionality, named Federate Open data Catalogue that is a web application allowing:

- Manage administrator authentication
- Search for Open data/Linked Open Data, visualise and manage the results
- Manage Federation a configuration
- Show statistics about data access and usage

In the Federate Open Data Catalogue portal (the link is available at <https://odf-demo.opsilab.com>), a first integration with DEEP application of the ROUTE-TO-PA project for creating datalets has allowed visualization of

³ <http://www.festival-project.eu/>

open data. CSV, XML, JSON, GeoJSON files are supported and looking for a dataset that contains a resource with this extension, a button is enabled next to the file name that opens the datalet application of the ROUTE-TO-PA project (see Figure below).

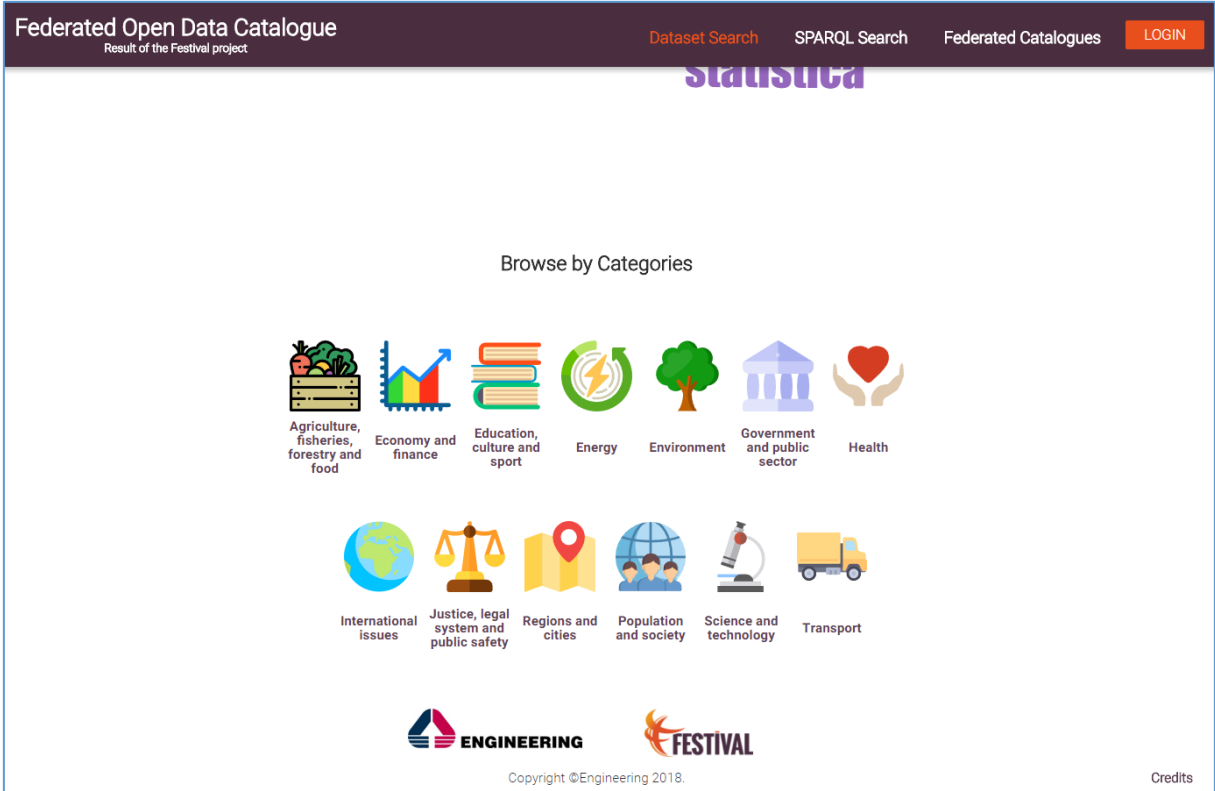


Figure 6: The "Federate Open Data Catalogue" in Festival project

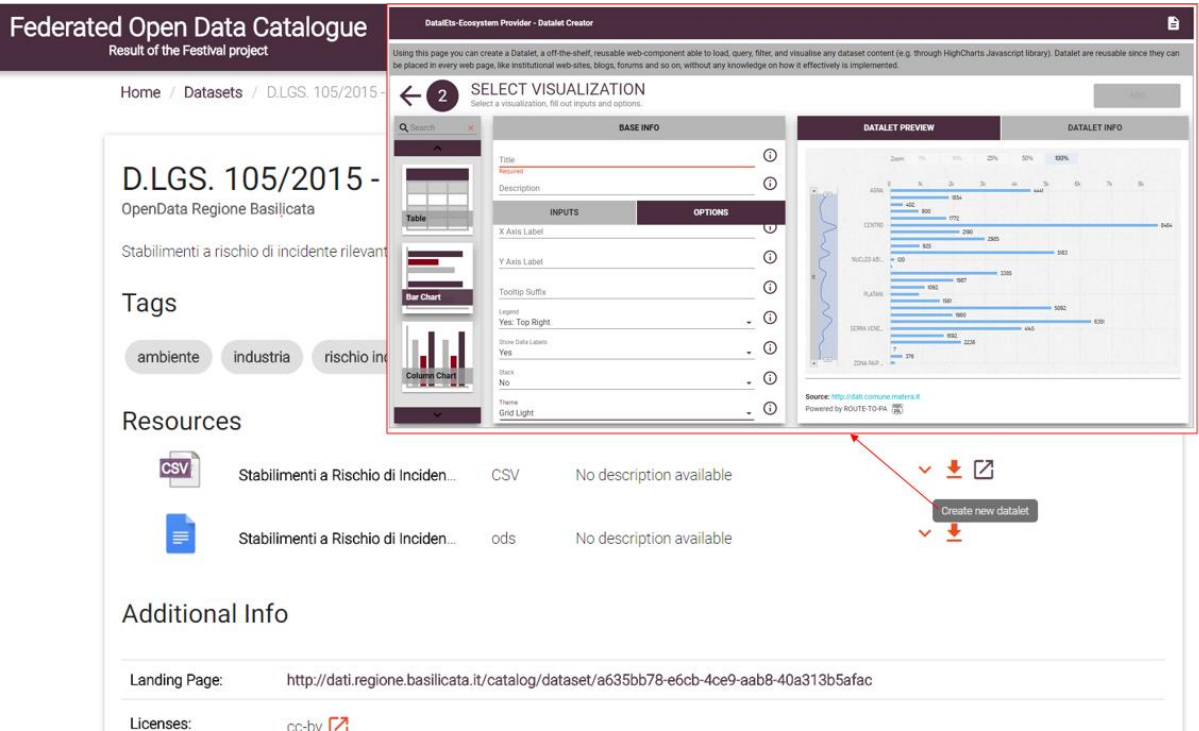


Figure 7: The ROUTE-TO-PA DEEP integrated in the "Federate Open Data Catalogue" shows a datalet.

- REACH project

An ongoing collaboration with REACH project exists. The REACH (**RE**-designing **A**ccess to **C**ultural **H**eritage) project (link available here <http://reach-culture.eu/>) is three-year HORIZON 2020 European Funded project. The upcoming REACH project will present a Social Platform for a participatory approach and social innovation in culture. In particular, the REACH portal will include also a set of open data available for sharing and (re-) use a collection of best practices. A suggestion from ROUTE-TO-PA team is to collect and manage the best practices through co-created datasets enriched of images, pdf document links ready and easy to share and archive with other researchers and interested parties. The ROUTE-TO-PA project was presented to the *REACH International Conference* held in Budapest on May 10th - 11th, 2018 and the “Hetor: Protect and Preservation of Campania Cultural Heritage” poster submitted is available in the digital gallery at the following link <http://reach-culture.eu/events/opening-conference-in-budapest/poster-gallery/poster-abstracts>⁴.



Project
Pilots and Best Practices
Events

Digital Gallery – Poster Abstracts

[Video Abstracts](#)
[Posters Mosaic](#)



Hetor: Protection and Preservation of Campania Cultural Heritage

Hetor is a pilot project of ROUTE-TO-PA. It is devoted to stimulate local communities to co-create Open Data about Cultural Heritage, to improve the quality and quantity of the Open Data available about the protection and preservation of Cultural Heritage and enhancement of local cultural and environmental resources. The project has as a target the Campania Region in Italy. The initiatives involved three communities of the local territory: a community of citizens, a community of local associations' members and a community of students. In this study, we take into consideration the engagement of the local citizenship, which has been reached in particular with the Open Data Challenge experience. The citizens contributed to the creation of public value, in collaboration with the local Public Administration, by discussing topics in the context of the local Cultural Heritage. They generated information both from pre-existing and co-created open datasets, using the SPOD platform. These experiences represent a bottom-up approach that directly involves the citizenship in a series of crowdsourcing activities in the field of the Cultural Heritage, collecting data and disseminating the gained knowledge to the whole community.

Figure 8: The “Hetor: Protect and Preservation of Campania Cultural Heritage” poster submitted to the “REACH International Conference” held on May 10th - 11th 2018.

⁴ The “Hetor: Protect and Preservation of Campania Cultural Heritage” poster submitted to the “REACH International Conference” poster is available at link <http://reach-culture.eu/wp-content/uploads/2018/05/poster-hetor-v.4.pdf>

Ensure successful quality of the deliverables

In the second year, the PM took more measures to ensure successful quality in the delivery of the project results in the deliverable to avoid resubmission (as it happens for WP2). In addition of internal reviews, a meeting in Salerno has been organized on January 10th - 11th, 2017, to sure of the consistency of the deliverables (quality pre-check) within a coherent view of the results of the project.

Likewise, a specific session on the quality check of the deliverables has been organized in the plenary meeting in Naples, April 16th, 2018, for the final deliverables.

1.6.1 ROLE OF THE QUALITY MANAGER (QM)

The Quality Manager (QM) in ROUTE-TO-PA is Jerry Andriessen from Wise & Munro.

The Quality Manager (QM) has followed the roles finalised in the Project Quality Plan (D1.3) regarding the achievement of tasks, objectives, and results with the focus on processes and communication.

Frequent communication within the project has allowed to monitor the content and facilitate activities between the different partners (multidisciplinary researchers and pilots) that led to rich discussions and added value to the project, planning further specific research meetings.

This plan aimed to support the work by each partner in the areas of design and technical development (see D4.1, D4.2, D4.4 for more information), users' satisfaction evaluation (see D5.3 for more information), communication, documentation, and dissemination (see Dissemination Plan D6.1 for more information).

The ISO 9001:2008 standard has been introduced and form the basis of the Project Quality Plan.

1.6.2 ROLE OF THE DESIGN TEAM (DT)

The Design Team (DT) is composed of the leaders of WP2 (Adegboyega Ojo), WP3 (Michael Baker) and WP4 (Vittorio Scarano) and is led by WP4 leader.

The two-team leaders of the technological teams for SPOD and TET (Vittorio Scarano UNISA and Adgboyega Ojo INSIGHT-NUIG) have worked very closely together on the key point of design and development with a weekly email and remote meetings. Michael Baker was kept constantly informed of the situation of the Design of the project.

1.6.3 WP LEADERS ACTIVITIES (TECHNICAL COMMITTEE)

As defined in D.1.2, the following persons have been nominated and were confirmed WP-leader for each work package:

WP1 and WP4	Vittorio Scarano (UNISA)
WP2	Adegboyega Ojo (Galway)
WP3	Michael Baker (CNRS)
WP5	Jerry Andriessen (Wise & Munro)
WP6	Lukasz Porwol (Galway)
WP7	Ilias Trochidis (Ortelio)

Table 7: List of WP-leaders for each work package

In the three-year of the project, regular WP leaders remote meetings were held during the months where there was no plenary meeting scheduled and Table 2 also shows the remote meetings.

They were useful in checking that WP leaders were able to gather required work, to check the quality of contributions and monitor the progress. As a result, all the deliverables were delivered on time. Some worries about the effectiveness of dissemination were raised and discussed at meetings, with the outcome that further involvement of pilots and local activities were going to take place.

2 PRINCIPLES OF ROUTE-TO-PA PROCESS MANAGEMENT

The results achieved by the team with regard to the objectives set by in section 2 of the D1.2, are more than satisfactory and all details are available in D4.7 describing the work carried out during three years of the project and briefly the main components of the ROUTE-TO-PA project follow:

- The **ROUTE-TO-PA platform** is a three-tier system architecture of the ROUTE-TO-PA platform that is mapped on the Open Data-information-knowledge pyramid with the relevant set of operations (e.g., the share of Knowledge content, discuss, co-create, visualisation etc.). The final platform includes the followings tools and it has been described in D4.7:
 - Transparency Enabling Toolset (**TET**) project developed by NUIG team is a set of tools designed to extend the functionalities of popular open data platforms and in particular, CKAN (Comprehensive Knowledge Archive Network) with data accessibility and understandability features, describing User Interface Services and Storage layers.
 - Social Platform for Open Data (**SPOD**) and Presentation Layer projects developed by UNISA team includes the Collaborative layer and the Presentation layer. The Presentation layer represents how the stories can emerge from raw data. The Collaboration layer provides data visualisation (named datalets) that can be embedded as an inline text within a story or this visualisation can be shared on the social media for communicating information via the Internet.
 - Simulation of the multi-agent Model for elicitation of preferences in heterogeneous communities (**SIM**) by WSE team has been fully integrated with the SPOD platform to support decision processes visualisation.
- Develop a set of recommendations (**GUIDE**) as a good practice guide for open data publishers for achieving higher quality transparency through open data.

Therefore, the objective has been to deploy, test and experiment both SPOD and TET platforms and detailed activities of the second year with the 5 pilot studies in five different European countries (Dublin, The Hague, Prato, Issy-les-Moulineux, Groningen) have been documented in the D5.2.

The ROUTE-TO-PA project followed an Agile methodology with the continuous iteration of development and testing in the software development lifecycle of the project and the main macro steps were the following: the design analysing all feedback provided from Pilots and they were introduced into the GitHub issue tracker system. During the development of all phases, a “Reaction to feedback” documents became an issue for each Pilot to be resolved in successive iterations. The implementation phase took care of internal testing where each issue is placed in projects and dealt with by developers: in the next step, the Release phase allowed to deliver the ROUTE-TO-PA platform for each Pilot. Finally, each Pilot provided a document, called “Pilot Feedback” where the results of the testing and all the comments were reported to the design team and all Pilots feedbacks were inserted and planned in the GitHub repository.

The development activities have produced:

- Year 1, 2: Alpha (v.1 .0) and Beta (2.0) versions of SPOD and TET platforms
- Year 3: The final version (v.3.0) of the ROUTE-TO-PA platform

Each new prototype of the ROUTE-TO-PA platform has been subject to formal evaluation about usability, implementation of scenarios and improvements about initial problems and issues.

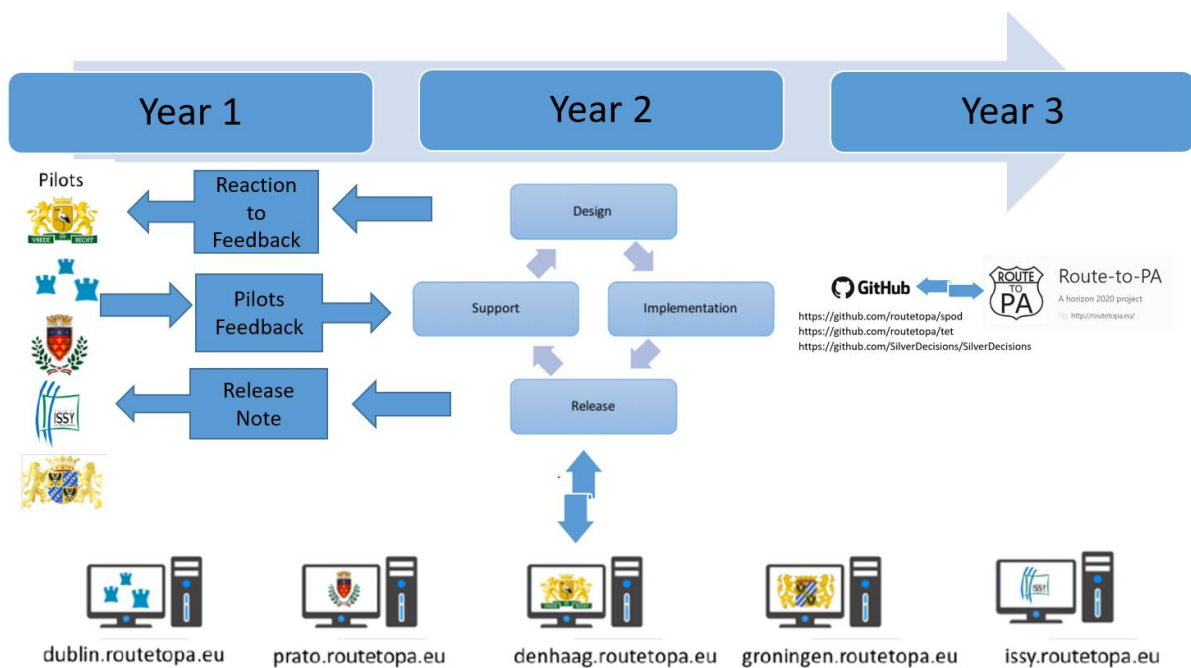


Figure 9: The final ROUTE-TO-PA platform integrates the agile design method with scenario-based design (SBD)

2.1 PROCESS ARCHITECTURE

The process design of the ROUTE-TO-PA project has been detailed in the D.4.1 “Alpha version of SPOD”, D.4.2 “Alpha version of TET” and D.4.4 “Alpha version of the SIM” of the workpackage 4 (“Technological Development and Integration”); the first deliverable, “Social Platform for Open Data (SPOD)”, reports the design, implementation, deployment, and testing of the Alpha version (vers. 1.0) of the SPOD platform; the second deliverable provides tools that could be integrated into existing Open Data platforms to deliver greater data transparency, quality and understandability named the Transparency Enhancing Toolset (TET) and it provides basic analytical tools for reducing datasets into a more understandable form for users. Furthermore, the third deliverable (D.4.4) provides an implementation of open data governance model developed to support SPOD platform.

2.2 ACTIVITIES

In the Design Team, the two team leaders of the technological teams for SPOD and TET platforms (Vittorio Scarano UNISA and Adgboyega Ojo INSIGHT-NUIG) have cooperated closely with the weekly email and remote meetings at the key point of design and development.

The main activities in the Design phase have been organized in the following way allowing interaction among the partners within the whole project workflow (see also Figure below):

1. **(Analysis)** Providing better understanding and evaluation of open data platforms through a study on the analysis of information gathered from the review of the literature, survey of eleven state-of-the-art open data platforms, stakeholder interviews, and stakeholder workshops in Dublin (Ireland) and Prato (Italy).
The study included CKAN, DKAN, Socrata, PublishMyData, Information Workbench, Enigma, Junar, DataTank, OpenDataSoft, Callimachus, DataTank and Semantic MediaWiki. (M4, D2.1).
2. **(Analysis)** Analysis of the state of the art in Transparency and Open Data (M6, D2.2).

3. **(Analysis)** Presentation of the initial user stories and detailed, agile user stories that inform the design of both SPOD and TET and the ROUTE-TO-PA platforms; presentation of an updated list of user stories and the specification of the use case models with use case descriptions followed by requirements specification as the key design-base for ROUTE-TO-PA platform development (M6, D2.3 and M8, D2.4).
4. **(Design and Development)** Implementation, continual improvements and adjustment (technical testing, user testing etc.) (leads to Alpha version of SPOD M12, D4.1, Alpha version of TET M12, D4.2, Alpha version of SIM, M18 D4.4)
5. **(Models and methods)** Elaborating a model of the overall processes by which data is provided and used, named “The Societal Activity model of Open Data use”. The purpose of the model is to enhance our understanding of the user requirements of open data in a societal context (M12, D3.1).
6. **(Formal Evaluation)** Evaluation of the tool for the five-user site, especially concerning increased transparency of local government. The tool (WP2) has provided a set of evaluation criteria at the technology- and user levels. The modelling activity (WP3) has provided abstract models at the society and community-levels (M12, D5.1).
7. **(Impact and Dissemination)** Impact and Dissemination on Pas; this document includes dissemination strategy presented in D6.1 with a report on activities performed in the first year of the project (M16, D6.2)
8. **(Market analysis and plan)** Presentation of an overview of the analysis of the current situation in the Public sector market concerning open data activities. The analysis has focused on each European country of the consortium’s partners of ROUTE-TO-PA project. Presentation of a marketing plan (MP) in the context of the public administrations (PA). (M12, D7.1; M24 D7.2, M36, D7.3)
9. **(Design and Development)** Implementation, continual improvements and adjustment (technical testing, user testing etc.) (leads to Beta version of SPOD M24, D4.3, Beta version of TET M24, D4.5, Beta version of SIM, M24 D4.6)
10. **(Models and methods)** Presentation of a model for analysing patterns of participation and interaction in online epistemic communities supported by the SPOD-TET tools, based on an integration of the theory of Joint Projects (Clark, 1996, 1999) and the theory of Dialogue Games (Wittgenstein, 1978; Levin & Moore, 1983). (M24 D3.2)
11. **(Formal Evaluation)** Presentation of five pilot reports, in which the activities at the five pilot sites are documented and evaluated. (M24, D5.2)
12. **(Models and methods)** Presentation of the integrated model building on horizontal ‘layers’ corresponding to societal, community and individual usability models, and the ‘vertical’ concepts of transparency and engagement .(M40 D3.3)
13. **(Design and Development)** Implementation, continual improvements and adjustments (technical testing, user testing etc.) (leads to the Final version of the ROUTE-TO-PA platform, M36 D4.7)
14. **(Formal Evaluation)** Presentation of setting up and implement scenarios of interventions in local contexts, and to evaluate these scenario activities at the pilot sites, with respect to the success criteria negotiated for each scenario between the project team, representing the goals of the project, and local stakeholders, representing local interests and aims. (M40, D5.3 and M40 D5.4).

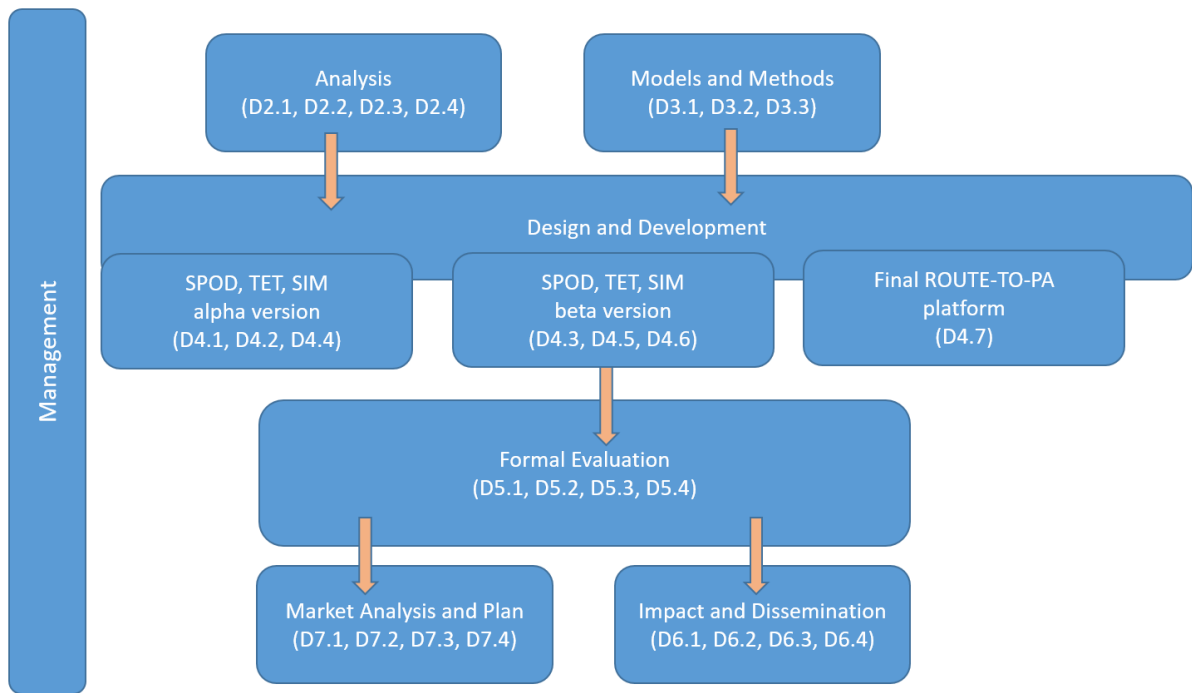


Figure 10: The Design phase shows the interaction among the main activities within the whole project workflow.

2.3 OPEN SOURCE DESIGN AND DEVELOPMENT: THE GITHUB REPOSITORY

The source code and the development management of the project migrated from internal system to GitHub⁵ on September 2016. GitHub is a versioning system aiming mainly on the software development and project management. Furthermore, GitHub Wikis allows sharing content about the project

- the wiki page for SPOD is available at link <https://github.com/routetopa/spod/wiki>
- the wiki page for TET is available at <https://github.com/routetopa/tet/wiki/TET-Installation>
- the wiki page for SIM is available at <https://github.com/SilverDecisions/SilverDecisions/wiki>

The ROUTE-To PA project hosted on GitHub containing 49 repositories.

The PO has followed the management of the three-year lifecycle of the project on GitHub with the followings activities:

- Assign issues to more teammates and assign issues to keep track of tasks, enhancements, and bug of the project;
- Discussion and collaboration with an @mention;
- Add milestones to issues to organize and track the progress of the groups of issues in each repository;

GitHub Activities of ROUTE-PA-PA project						
	Repositories	Commits	Issues	Numbers of projects	Milestones	Releases
SPOD	30	4132	367	11	18	14
TET	12	714	119	0	6	3
SIM	7	3	168	0	10	18

Table 8: All activities of the ROUTE-TO-PA project, enclosing TET, SPOD and SIM projects during three years

⁵ <https://github.com/routetopa>

The figure below shows the trend of the total commits for each repository of the ROUTE-TO-PA project created on the GitHub, i.e. TET, SPOD and SIM projects.

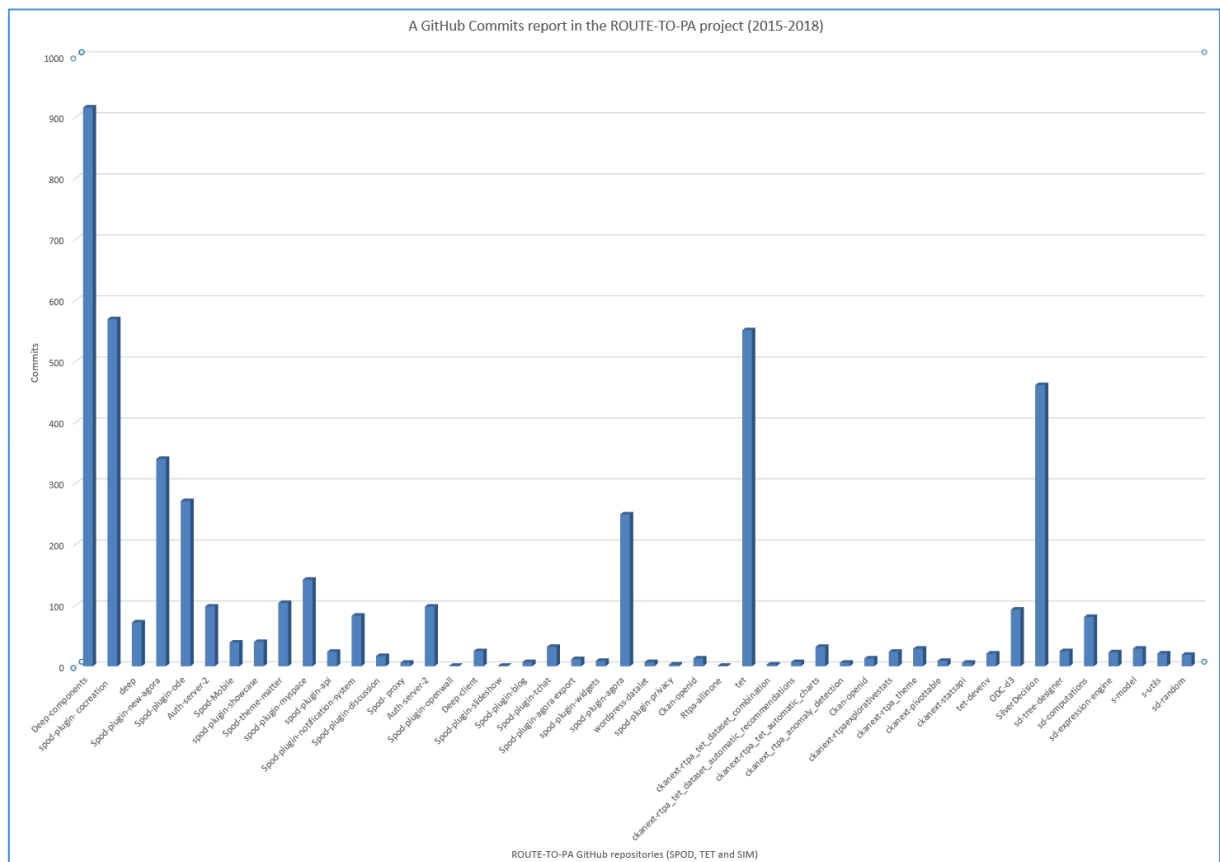


Figure 11: Commits report of the GitHub repositories of the ROUTE-TO-PA project.

3 MANAGEMENT CONTROL AND REPORTING

The monitoring of the status of all planned work happened through “Activities reports” reporting activities of each partner monthly. All reports have been delivered on the repository at the following link showed in the below table.

At the beginning of the project, the MT has monitored the overall project progress reporting the activities in the Integrated Communication Platform (ICP), after the migration on the GitHub (3) the MT followed integrated social features of the GitHub, they include the ability to create team of users (e.g., it has been possible the collaboration among three project, i.e. SPOD, TET, and SIM platforms), the ability to watch the progress of the whole project, the involvement of all team through team mentions in GitHub, when it was discussed issues, pull requests, and commits. Furthermore, the MT has checked developer’s recent activity within the site with user profiles of the GitHub.

3.1 MANAGEMENT CONTROL

The ROUTE-TO-PA work has been arranged in 7 work packages and 25 task.

All deliverables, monitored by each WPL (Work Package Leader), are available on repository at link <http://service.routetopa.eu:8000/d/3a72661447/> and the list of the deliverables during the three years of the project represented on the Gantt diagram, where each year of the project is represented by different colours.

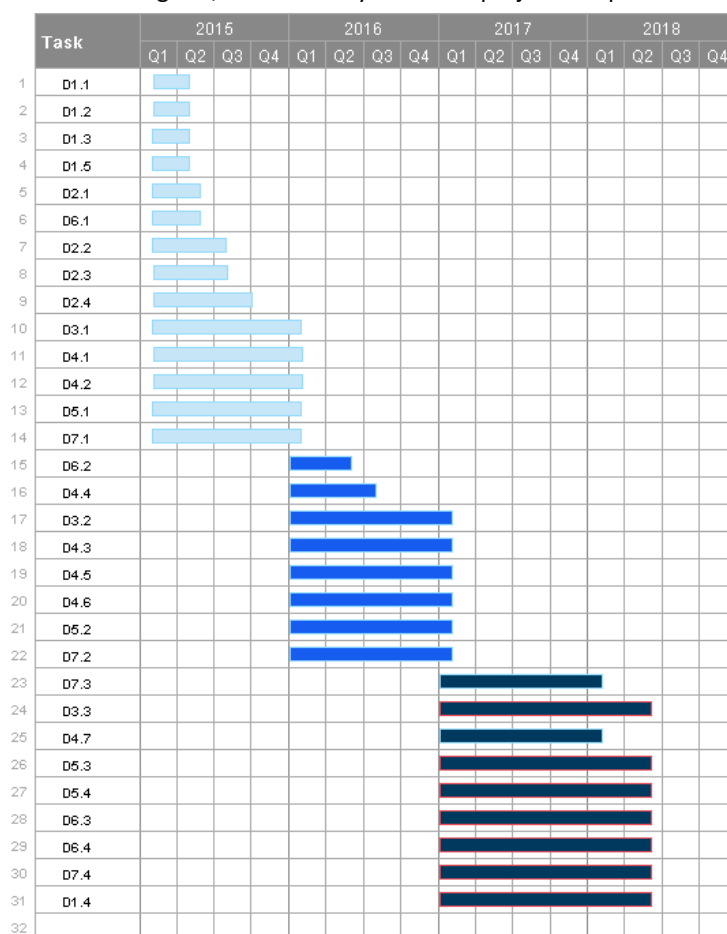


Figure 12: A Gantt chart for the deliverables during the three years of the project. The deliverables highlighted in red will be subdued in the imminent expiration (May 31th 2018)

The figure below shows all deliverables as reported on the European Commission portal:

WP No	Del Rel. No	Del	Title	L Nature	Est. Del. Date (annex I)	F #	Status
WP1	D1.1	D1	Setup of the Integration Communication Platform	Other	30 Apr 2015		Approved
WP1	D1.2	D2	Management Plan	Report	30 Apr 2015		Approved
WP1	D1.3	D3	Project Quality Plan	Report	30 Apr 2015		Approved
WP1	D1.4	D4	Final Report of the Management	Report	31 May 2018		Pending
WP2	D2.1	D5	State of the Art Report and Evaluation of existing Open data Platforms	Report	31 May 2015		Approved
WP2	D2.2	D6	Analytic Framework and Initial Scenarios	Report	31 Jul 2015		Approved
WP2	D2.3	D7	User Stories on Open Data and Transparency	Report	31 Jul 2015		Approved
WP2	D2.4	D8	Requirements specification and Use Case Model	Report	30 Sep 2015		Approved
WP3	D3.1	D9	Societal Activity model of Open Data use	Report	31 Jan 2016		Approved
WP3	D3.2	D10	Interactive activities in Open Data use	Report	31 Jan 2017		Approved
WP3	D3.3	D11	Use of Open Data platforms and social representations of government transparency	Report	31 May 2018		Pending
WP4	D4.1	D12	Alpha version of SPOD	Demonstrator	31 Jan 2016		Approved
WP4	D4.2	D13	Alpha version of TET	Demonstrator	31 Jan 2016		Approved
WP4	D4.3	D14	Beta version of SPOD	Demonstrator	31 Jan 2017		Approved
WP4	D4.4	D15	Alpha version of the SIM	Demonstrator	31 Jul 2016		Approved

WP No	Del I	Del No	Title	Description	L Nature	Dissemi	Est. Del. Date (annex I)	F #	Status
WP4	D4.5	D16	Beta version of TET	Beta version of the Transparency-Enhancing Tool...	Demons	Public	31 Jan 2017		Approved
WP4	D4.6	D17	Beta version of SIM	Beta version of the Simulation of the multi-age...	Demons	Public	31 Jan 2017		Approved
WP4	D4.7	D18	Final release of the ROU	Final release of the ROUTE-TO-PA platform (incl...	Demons	Public	31 Jan 2018		Submi...
WP5	D5.1	D19	Year One User Report	Year 1 report on user sites, scenarios, success...	Report	Public	31 Jan 2016		Approved
WP5	D5.2	D20	Year Two User Report	Year 2 report on user sites, scenarios, success...	Report	Public	31 Jan 2017		Approved
WP5	D5.3	D21	Final Report of the Eval	Evaluation, Validation, and Verification Report...	Report	Public	31 May 2018		Pending
WP5	D5.4	D22	Community Building Rep	Report on the activities, workshop, meetings an...	Report	Public	31 May 2018		Pending
WP6	D6.1	D23	Dissemination Plan	The activities that are planned to ensure that ...	Report	Confid	31 May 2015		Approved
WP6	D6.2	D24	Dissemination Plan & Da	It includes the active monitoring of chances fo...	ORDP: C	Confid	31 May 2016		Approved
WP6	D6.3	D25	Final Dissemination Repc	The report of the dissemination activities that...	Report	Public	31 May 2018		Pending
WP6	D6.4	D26	Policy Guide	Recommendations from the activities that engage...	Report	Public	31 May 2018		Pending
WP7	D7.1	D27	Market analysis	Report on transparency-enabling technologies, a...	Report	Confid	31 Jan 2016		Approved
WP7	D7.2	D28	Marketing plan	Based on the market analysis, the marketing pla...	Report	Confid	31 Jan 2017		Submi...
WP7	D7.3	D29	Business models		Report		31 Jan 2018		Submi...
WP7	D7.4	D30	Business and exploitation plan		Report		31 May 2018		Pending
WP1	D1.5	D31	Ethical Policy		Report		30 Apr 2015		Approved
WP8	D8.1	D32	POPD - Requirement No. 2		Ethics		28 Feb 2015		Approved
WP8	D8.2	D33	OEI - Requirement No. 3		Ethics		28 Feb 2015		Approved

Figure 13: A report of status of all deliverables on the EU Participant portal

3.2 REPORTING ACTIVITIES

As stated in D1.2, the coordinator has submitted to the EC three project reports (month 12, 24, 40) following the template provided in the European Commission portal ⁶ and the final report, covering all the work, objectives, results and conclusions, has been submitted covering all the work within 60 days following the end of the last reporting period.

The figure below shows the project progress reports on the European Commission portal.

⁶ <https://webgate.ec.europa.eu/cas/login>

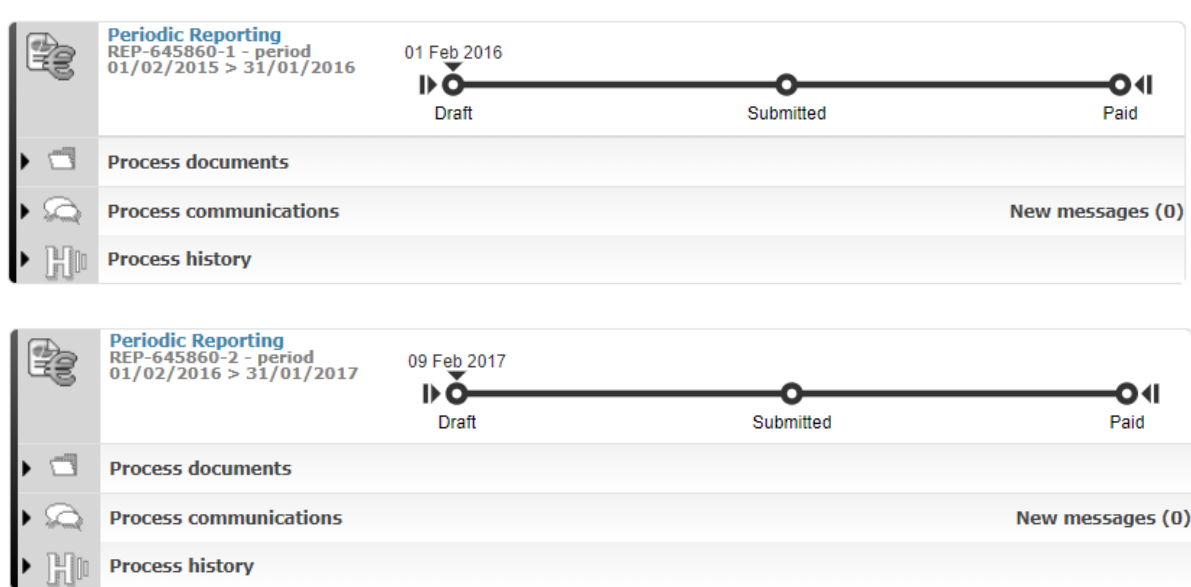


Figure 14: The submitted Periodic reports

3.3 MEETINGS

Project meetings and General Assembly were held every six months, wherever possible at one of the partner institutions. The Chair of meetings has been the Project Coordinator. Meetings have been divided into a scientific progress section and an administrative project management section.

The table below lists all meeting held in the three years of the project:

Years	Date	Hosting Partner	Activity description	Location/Place
Year 1	February 9 th -11 th 2015	UNISA	Plenary meeting (WP1)	Salerno, Italy
	March 31 st - April 2 nd 2015	INSIGHT	Research meeting to prepare for the collective intelligence workshop (WP2)	Galway, Ireland
	June 8 th -10 th 2015	INSIGHT	Plenary meeting (WP2)	Galway, Ireland
	July 20 th 2015	UNISA	Meeting with Ethics Advisor Prof. Conchita D' Ambrosio. Presentation of the status of the project from the Coordinator and from key members of the Salerno team. Discussions and guidelines provided by the Ethics Advisor for the next steps. (WP1, WP4)	Salerno, Italy
	September 11 th 2015	UNISA	Meeting in Salerno with Privacy Advisor Dr. Balachander Krishnamurthy. Presentation of the status of the project from the Coordinator and from a key member of the Salerno team. Discussions and guidelines about	Salerno, Italy

			Privacy by the Privacy Advisor for the next steps. (WP1, WP4)	
	September 27 th -29 th 2015	UU	Meeting to discuss WP5 research and evaluation issues. (WP3)	Utrecht, The Netherland
	December 1 st -2 nd 2015	CNRS	Plenary meeting (WP3)	Paris, France
Year 2	February, 9 th -10 th 2016	Wise & Munro	Research meeting (NRS, UU, Wise & Munro, Salerno,) for the discussion of the co-creation activities to be taken in year 2. (WP5)	Den Haag, The Netherland
	May, 24 th -25 th 2016	WSE	Plenary meeting (WP4)	Warsaw, Poland
	September 14 th -16 th 2016	Prato pilot	An evaluation Workshop among WP2, WP3 and WP5 researchers with Developers' Advocate (OKF) and in the second day a plenary meeting.	Prato, Italy
	October 27 th 2016	CNRS	Researchers from Salerno, Galway, Wise&Munro, UU and CNRS met for discussing shared methods for the analysis of the data produced during the discussion and preparation for the D3.2. (WP3)	Paris, France
	November 23 th 2016	UNISA	Meeting in Salerno with Privacy Advisor Dr. Balachander Krishnamurthy. Presentation of the status of the project from the Coordinator and from key member of the Salerno team. Discussions and guidelines about Privacy by the Privacy Advisor for the next steps. (WP1, WP4)	Salerno, Italy
	January 10 th – 11 th 2017	UNISA	The purpose of the to organize and coordinate the preparation of the deliverables for WP3, 4, 5 and 7, for year 2 deadline. (WP1, WP4)	Salerno, Italy
Year 3	May 15 th -16 th 2017	INSIGHT, NUIG	Plenary meeting with topics related the Den Haag pilot for Year 3 replaced by the activities of the Early Adopter Hetor project, that has been (for Year 2) initiated by the Technological District of Regione Campania for	Dublin, Ireland

			ICT and Cultural Heritage (DATABENC) reusing the technology provided by ROUTE-TO-PA project. (WP2)	
	June 26 th -27 th 2017	UU	A meeting on SCUTE and scenario development (WP3)	Utrecht, The Netherlands
	January 29 th -30 th 2018	CNRS	Plenary meeting on the organization for the final meetings (deadlines, plan) and the final public event of the ROUTE-TO-PA project. (WP3)	Paris, France
	April 16 th 2018	UNISA	Plenary meeting (WP1, WP4)	Napoli, Italy
	April 17 th 2018	UNISA	Final event meeting (WP1, WP4)	Napoli, Italy
	May 11 th 2018	UNISA	Hetor Project final event for the schools in Salerno, reviewing the work done with students. (WP1, WP4)	Salerno, Italy

Table 9: All partners that hosted meetings (2015-2018)

Meeting organization

Project meetings and General Assembly were held every six months, wherever possible at one of the partner institutions. The Chair of meetings has been the Project Coordinator. Meetings have been divided into a scientific progress section and an administrative project management section.

The table below lists plenary meeting held in the three years of the project and the official General Assembly of the project held in the last year of each plenary meeting.

The detailed minutes are available at <http://service.routetopa.eu:8000/d/d7d4aa5f2e/>.

First year (2015- 2016)	Second year (2016-2017)	Third year (2017-2018)
February, 9 th – 11 th , 2015 in Salerno (Italy)	May, 24 th -25 th , 2016 in Warsaw (Poland)	May, 15 th - 16 th , 2017 in Dublin (Ireland)
June 8 th - 10 th , 2015 in Galway (Ireland)	September 14 th -16 th , 2016 in Prato (Italy)	January, 29 th -30 th , 2018 in Paris (France)
December 1 st -2 nd , 2015 in Paris (France)		April 16 th , 2018 in Naples (Italy)

Table 10: The table lists plenary meetings held in the three years (2015-2018).

Additional work group and remote meetings

The PC organized with WP leaders and pilot partners several video conferences for example to coordinate individual work package progress, the preparation of reports, or to discuss any critical issues that could emerge in the course of ROUTE-TO-PA project.

The UNISA team has organized regularly scheduled remote meetings with WP leaders every last Friday of the month in order to check the quality of contributions and monitor the project progress.

The detailed minutes of each remote meeting are available at <http://service.routetopa.eu:8000/d/4792bbe8e5/> and they have been sent not later 10 days after the meeting.

3.4 COMMUNICATION INFRASTRUCTURE

An effective exchange of information is required for maintaining the Project status updated. To this aim, the MT is in charge of setting up and maintenance of the ROUTE-TO-PA Integrated Communication Platform.

The Integrated Communication Platform is described in detail in the deliverable D1.1.

Here we summarize the main information and communication channels:

- The Social Collaboration platform to support discussion and communication;
- The Documents sharing archive
- Synchronous communication channels (video conferencing, instant messaging);
- Asynchronous communication channels (mailing lists, Forum, FAQ, etc.);
- The ROUTE-TO-PA project web site.

UNISA is responsible for setting up, hosting and maintaining this infrastructure and it is also responsible for monitoring the use of the communication infrastructure and stimulating use.

3.4.1 SOCIAL COLLABORATION PLATFORM

In the first year, a social collaboration platform that offered support for collaboration among the team members of the ROUTE-TO-PA project was available at the address <http://intranet.routetopa.eu>.

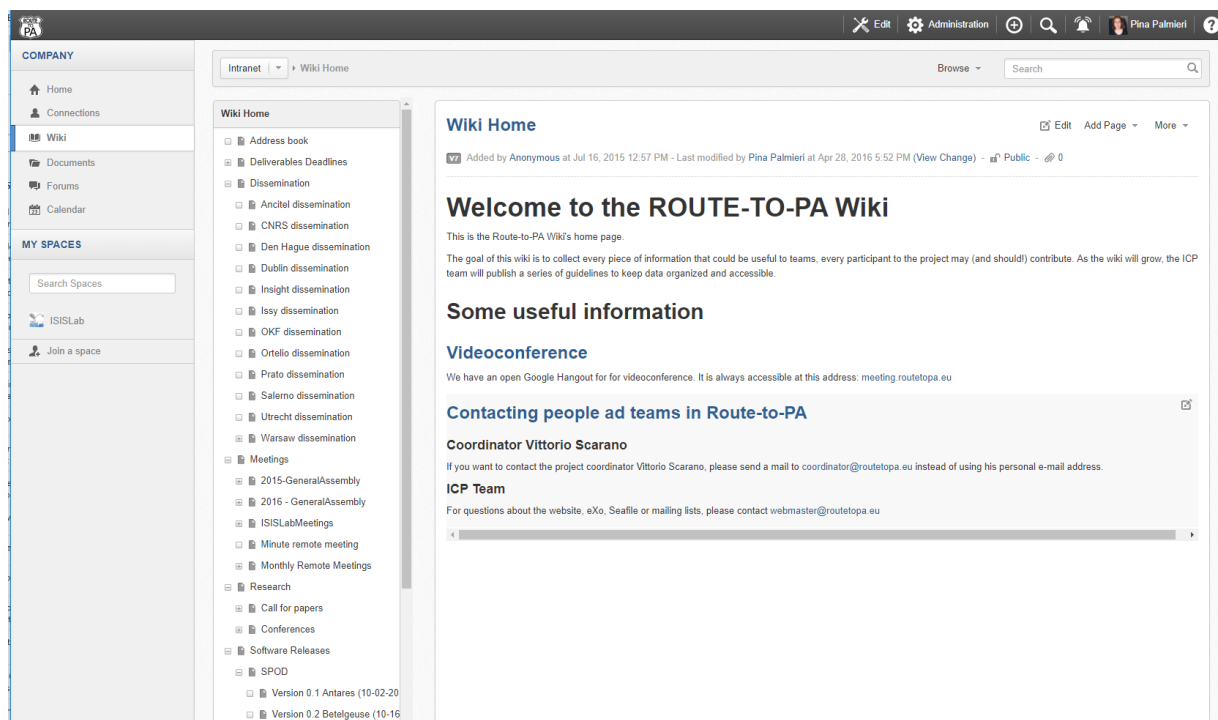


Figure 15: A collaboration platform in the year 1 of the project.

In the following years, a social evaluated coding site, GitHub⁷, not only hosts ROUTE-TO-PA project code (described on the 2.2 section of the D.4.3) but also it uses social features to communicate and collaborate. GitHub

⁷ <https://github.com/routetopa/>

shows up a friendly web-use interface and integrates a number of social and Git features providing collaboration and transparency (4) on all activities of the ROUTE-TO-PA project. It offers wiki ⁸ pages and it shares information with team members.

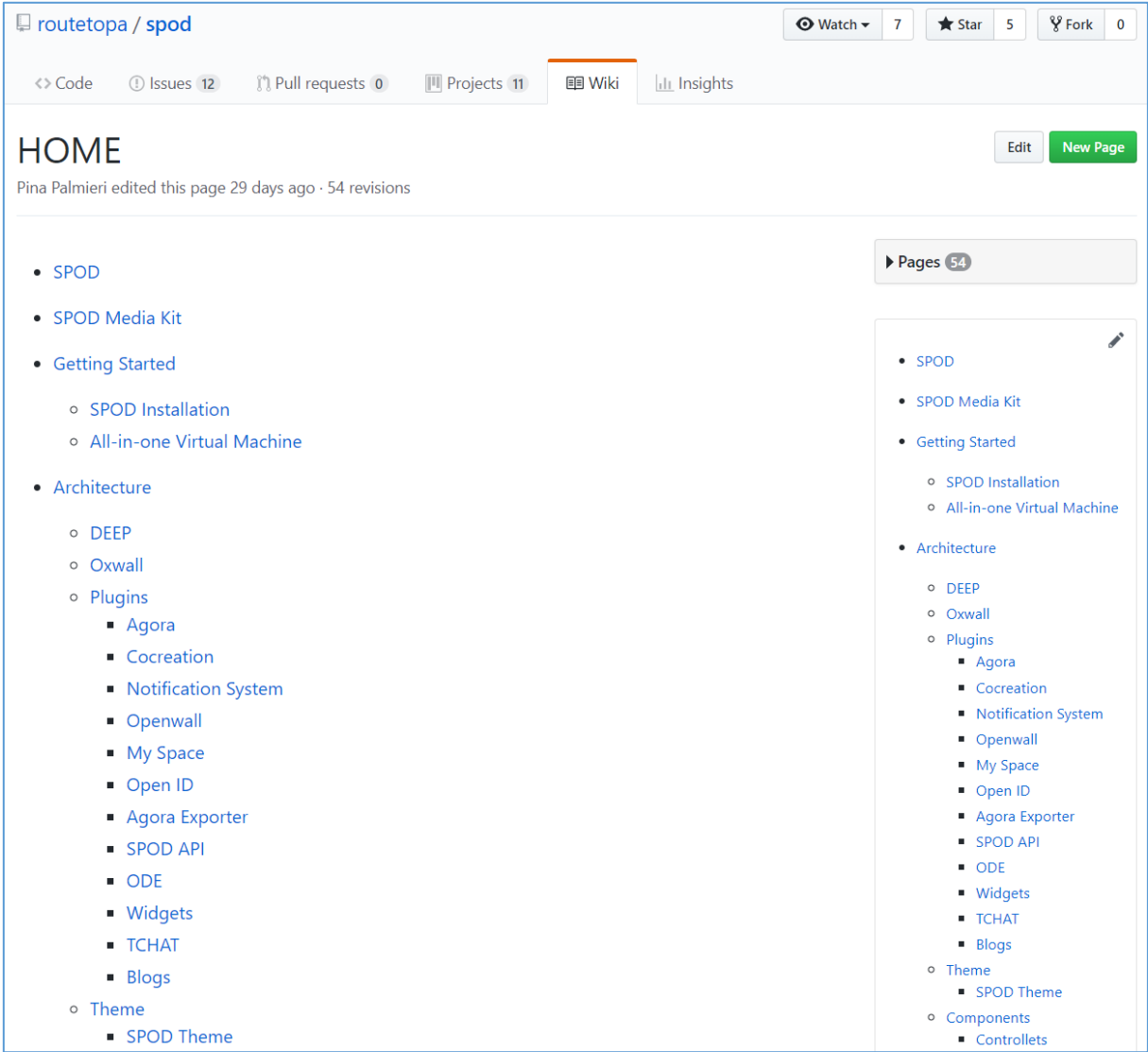


Figure 16: The wiki page of the ROUTE-TO-PA project.

⁸ <https://github.com/routetopa/spod/wiki>

This repository
Search
Pull requests
Issues
Marketplace
Explore

routetopa / tet
Watch 4

Code
Issues 80
Pull requests 0
Projects 0
Wiki
Insights

Utrecht datasets on NL-SPOD #119

Open serahrono opened this issue on 14 Sep 2017 · 9 comments

serahrono commented on 14 Sep 2017

* most of the Utrecht datasets that are currently on SPOD are not working. If you filter the datasets from dataplatform and then filter on Utrecht you will find datasets. Interestingly when I just looked there are only 22 datasets left while yesterday there were 73. Are they already working on it?

If you look at the actual dataplatform website you will see that there a lot more datasets on that website (<https://utrecht.dataplatform.nl/data>). And these datasets are working. SPOD links to dataplatform but somehow something goes wrong."

serahrono commented on 26 Sep 2017

@rended, thanks for updating the cache, and I get your # of datasets argument.

The issue now is that, although the datasets can be accessed on SPOD, creating datasets with most of the 112 datasets is a problem - only 17 of the 112 datasets can be used to create datasets so far. In many cases i.e. with Utrecht vs NL Labor Force data (samenstelling beroepsbevolking), users can only create a table, and not a bar or column chart for example, grouped by category

pinapalmieri commented on 27 Sep 2017
Member

Hi @callmealien ,

The dataset shows null rows (missing data), if you add the following filter in the step 2) of the Controllert

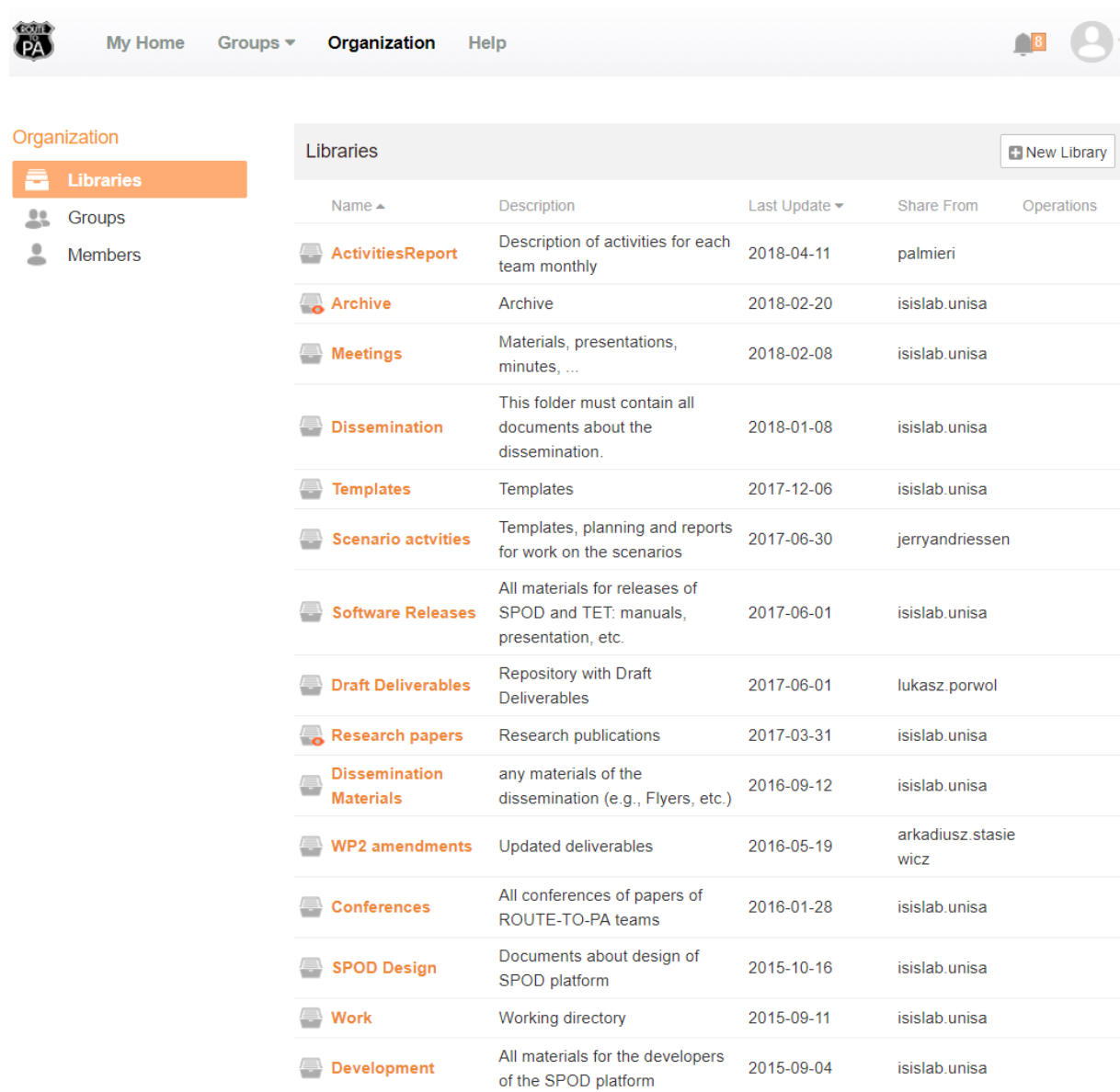
- Nederlands "not contains" null

Here the chart for comparing "Utrecht vs NL Labor Force data":

Figure 17: Comments on issues on GitHub.

3.4.2 DOCUMENTS SHARING ARCHIVE

The document repository is provided by Seafile⁹ for archiving and exchanging ROUTE-TO-PA private and public documents (detailed in 1.3.9 section of the D.1.1).



Name ▲	Description	Last Update ▼	Share From	Operations
ActivitiesReport	Description of activities for each team monthly	2018-04-11	palmieri	
Archive	Archive	2018-02-20	isislab.unisa	
Meetings	Materials, presentations, minutes, ...	2018-02-08	isislab.unisa	
Dissemination	This folder must contain all documents about the dissemination.	2018-01-08	isislab.unisa	
Templates	Templates	2017-12-06	isislab.unisa	
Scenario activities	Templates, planning and reports for work on the scenarios	2017-06-30	jerryandriessen	
Software Releases	All materials for releases of SPOD and TET: manuals, presentation, etc.	2017-06-01	isislab.unisa	
Draft Deliverables	Repository with Draft Deliverables	2017-06-01	lukasz.porwol	
Research papers	Research publications	2017-03-31	isislab.unisa	
Dissemination Materials	any materials of the dissemination (e.g., Flyers, etc.)	2016-09-12	isislab.unisa	
WP2 amendments	Updated deliverables	2016-05-19	arkadiusz.stasiewicz	
Conferences	All conferences of papers of ROUTE-TO-PA teams	2016-01-28	isislab.unisa	
SPOD Design	Documents about design of SPOD platform	2015-10-16	isislab.unisa	
Work	Working directory	2015-09-11	isislab.unisa	
Development	All materials for the developers of the SPOD platform	2015-09-04	isislab.unisa	

Figure 18: The Seafile start page

3.4.3 ASYNCHRONOUS COMMUNICATION CHANNELS

Mailing lists have been the main communication channel used during the three years of the project and the below screenshots show the messages exchanges via mailing lists among the Coordinator, the webmaster, and team of the project.

⁹ <http://seafile.com/>

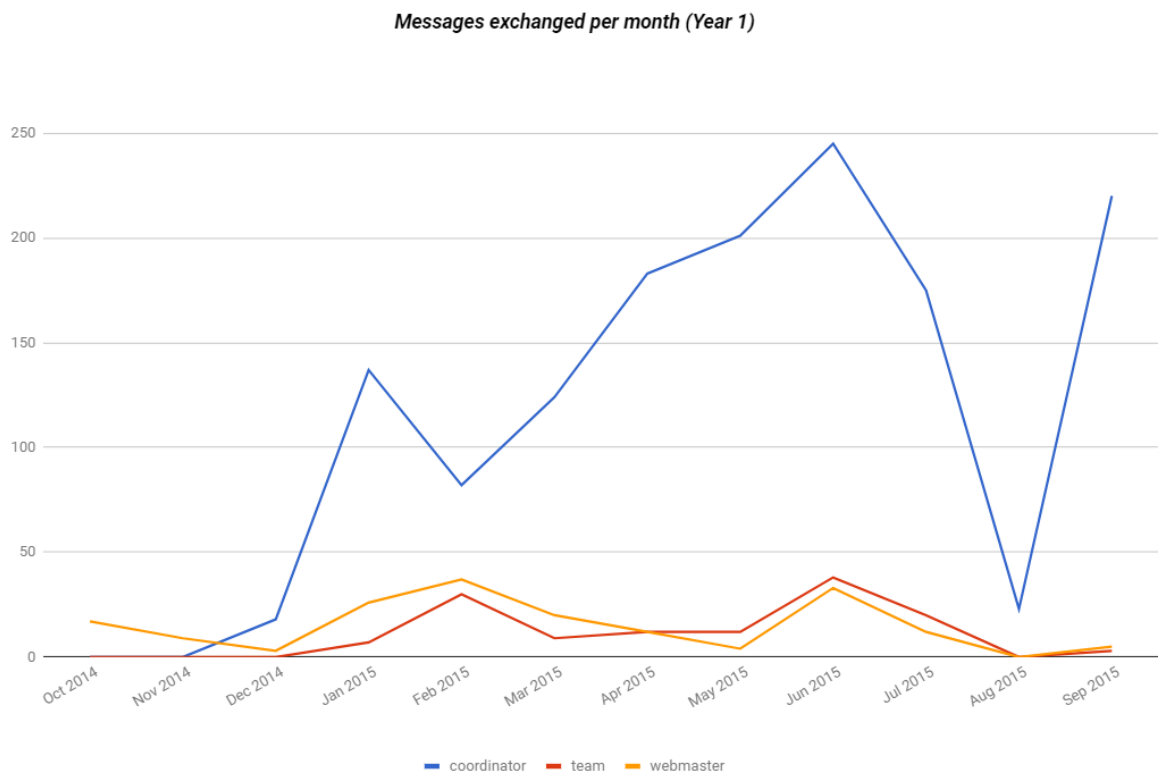


Figure 19: Numbers of Messages exchanged via mailing lists among Coordinator, Webmaster, and Team in a pre-phase period and the first year of the project.

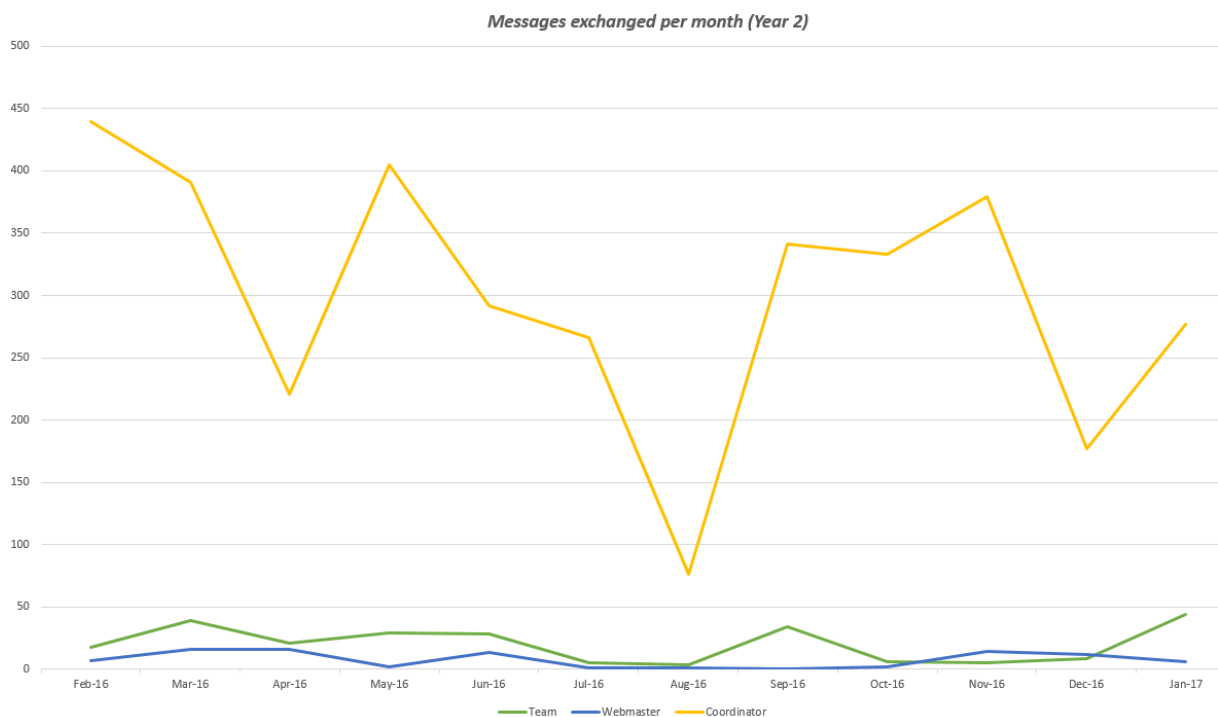


Figure 20: Numbers of Messages exchanged via mailing lists among Coordinator, Webmaster, and Team in the second year of the project

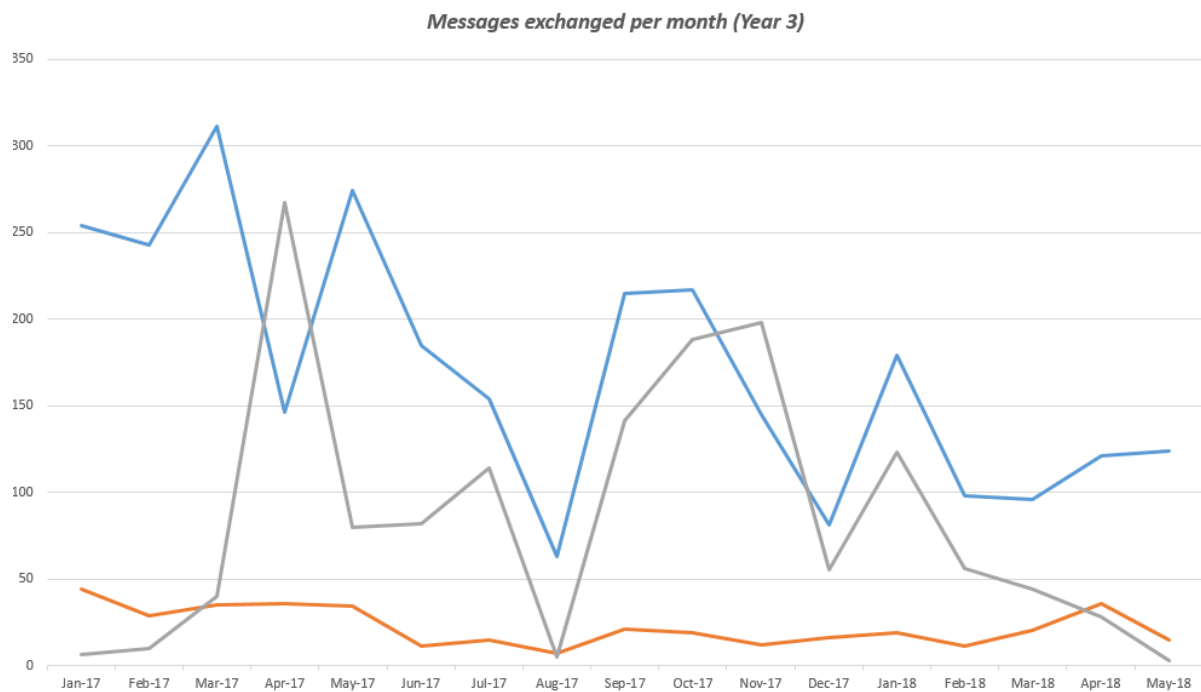


Figure 21: Numbers of Messages exchanged via mailing lists among Coordinator, Webmaster and Team in the third year of the project

3.4.4 ROUTE-TO-PA PROJECT WEBSITE

The ROUTE-TO-PA’s website describes a brief overview of the objective and the approach the project have, the “RESULTS” area lists all public deliverable of the project, the “NEWS & EVENTS” section details the latest news, activities, events etc. The “DISSEMINATION” contains dissemination material consisting of the project logo, brochure, the project press releases and general PR material. The “CONTACT” section includes an automated form that allows the visitors to contact the ROUTE-TO-PA team, the “INTERNAL” section make available address of the Integrated Communication Platform (ICP) platform (described in D1.1), a set of social collaboration and communication services by Exo platform¹⁰ and the document repository provided by Seafile for archiving and exchanging ROUTE-TO-PA private and public documents. Moreover, there are contact details and the email address of the project coordinator.

¹⁰ <https://www.exoplatform.com/>



Figure 22: ROUTE-TO-PA website in its current version

3.5 DOCUMENTATION STANDARDS

As defined in D.1.3, all project documents (i.e. word documents such as reports and deliverables, PowerPoint presentations letters, brochure and minutes) have been authored using an appropriate document template in conformity with the ROUTE-TO-PA house style. (See Appendix 1: Project documentation templates)

3.5.1 PROJECT BROCHURE AND LOGO

The designed project logo of the ROUTE-TO-PA is depicted in the figure below:



Figure 23: The current ROUTE-TO-PA project logo.

The design of the ROUTE-TO-PA brochure allows to capture the attention of the different target groups and increase awareness of the project, showing the main ROUTE-TO-PA components (i.e. SPOD, TET and SIM projects) the social media address with respective QR Code (i.e. (🐦) <https://twitter.com/hashtag/routetopa>, (f) <https://www.facebook.com/search/top/?q=routetopa>).

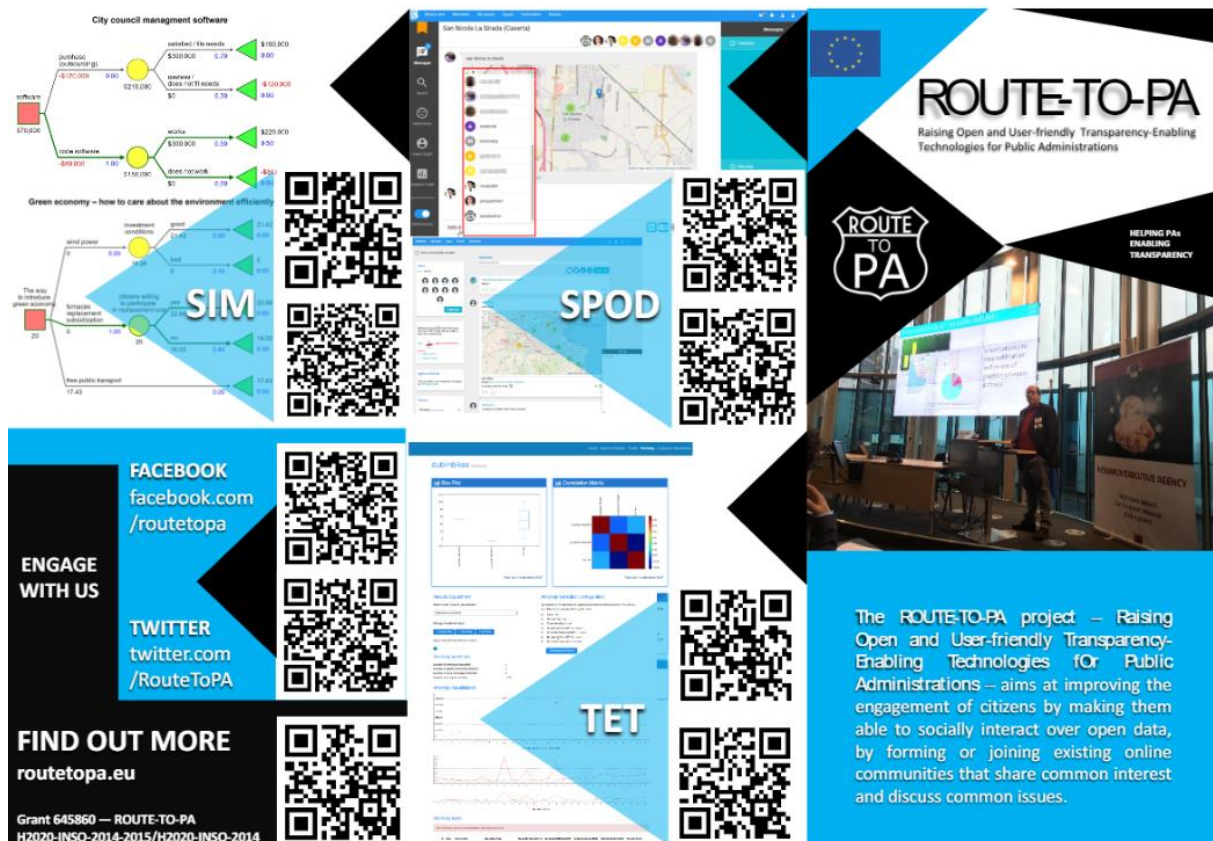


Figure 24: The current ROUTE-TO-PA project brochure

4 CONCLUSION

The management of the project was conducted in order to ensure the quality of the research and administration activities of the team. As a result, the consortium was able to smoothly deliver the research and innovation results that are documented in all the other deliverables, by delivering innovative technology and conducting significative experimentation and validation on the field with several pilots in different countries.

The management was able to cope also with the unanticipated exits of a pilot partner (Den Haag), by reacting to such event promptly, and within the necessary formal process, to the event by the amendment approved in October 2017.

The communication between the partners and from the MT with the Project Officer was timely and continuous, thereby guaranteeing adequate support to the activities.

Overall, the project was able to achieve its results, through the release of the ROUTE-TO-PA architecture, its validation, and piloting in several scenarios.

5 BIBLIOGRAPHY

1. **Rosson, M.B., & Carroll, J.M.** *Scenario-Based Design*. in J. Jacko & A. Sears (Eds.), *The Human-Computer Interaction Handbook: Fundamentals, Evolving Technologies and Emerging Applications*. Lawrence Erlbaum Associates, 2002, pp. 1032-1050. (2000) .
2. **Renato De Donato, Giuseppe Ferretti, Antonio Marciano, Giuseppina Palmieri, Donato Pirozzi, Vittorio Scarano and Luca Vicidomini.** Agile Production of High Quality Open Data. *dg.o 2018: 19th Annual International Conference on Digital Government Research*. 2018.
3. **Avier L. Cánovas Izquierd, and Jordi Cabot.** A Systematic Mapping Study of Software Development With GitHub. s.l. : IEEE Access, 2017.
4. **Raphael Pham, Leif Singer, Olga Liskin, Fernando Figueira Filho, and Kurt Schneider,**. Creating a Shared Understanding of Testing Culture on a Social Coding Site. s.l. : IEEE, 2013.

APPENDIX 1: PROJECT DOCUMENTATION TEMPLATES

The following internal templates are available in the ROUTE-TO-PA repository:

- Watermaker Brochure (.docx file extension) (<http://service.routetopa.eu:8000/f/8e40748b35/>)
- Deliverable template (.docx file extension) (<http://service.routetopa.eu:8000/f/8b22440908/>)
- Letterhead template for official project letters (.docx file extension) (<http://service.routetopa.eu:8000/f/1f0c481e95/>)
- Meeting minutes template (.docx file extension) (<http://service.routetopa.eu:8000/f/3d1960add9/>)
- General Assembly minutes template (.docx file extension) (<http://service.routetopa.eu:8000/f/133f928ba6/>)
- Pilot release feedback template (.docx file extension) (<http://service.routetopa.eu:8000/f/ad5d8bcd98/>)
- Deliverable review template (.docx file extension) (<http://service.routetopa.eu:8000/f/a6c7d88b09/>)
- Deliverable review template (*.dot) (<http://service.routetopa.eu:8000/f/2d27a4cb84/>)
- Deliverable template (.docx file extension) (<http://service.routetopa.eu:8000/f/f2c1c2668e/>)
- Deliverable template (.dot file extension) (<http://service.routetopa.eu:8000/f/e369d5ba59/>)
- Power point presentation template (.pptx file extension) (<http://service.routetopa.eu:8000/f/5aa02be855/>)
- Power point presentation template (.potx file extension) (<http://service.routetopa.eu:8000/f/f528f49d0d/>)
- Project brochure (.pdf file extension) (<http://service.routetopa.eu:8000/f/d91f8ba6fb/>)
- ROUTE-TO-PA logo (<http://service.routetopa.eu:8000/f/6bc5faa850/>)
- SPOD Logo (<http://service.routetopa.eu:8000/f/20295f3054/>)
- TET Logo (<http://service.routetopa.eu:8000/f/9a6d48dda5/>)
- GUIDE Logo (<http://service.routetopa.eu:8000/f/ef198aba81/>)

APPENDIX 2: PROJECT PLANNINGS


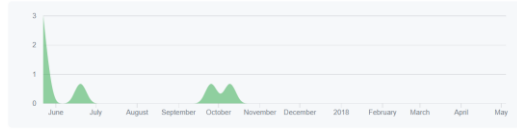



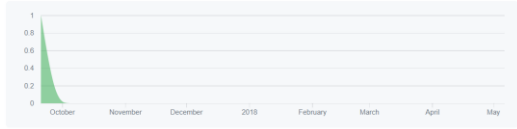

Documentation of Activities (2015-2018)

Activities	Year 1	Year 2	Year 3	Links to the repositories
Review meetings (Bruxelles)	1	1	1	http://service.routetopa.eu:8000/d/4eb26d6633/ http://service.routetopa.eu:8000/d/e3655de68a/
General Assembly	3	2	2	http://service.routetopa.eu:8000/d/d7d4aa5f2e/
EUBA Roma Meeting		1	1	http://service.routetopa.eu:8000/d/baf5849592/
SPOD Releases	7	13	10	http://service.routetopa.eu:8000/d/e19ca7df0b/ https://github.com/routetopa/spod/releases
TET Releases	3	5	4	https://github.com/routetopa/tet/releases
SIM Releases		10	8	https://github.com/SilverDecisions/SilverDecisions/releases
Deliverables	14	8	9	http://routetopa.eu/public-deliverables/
Manual	4			http://spod.routetopa.eu/Manual/SPODManualCurrentVersion.pdf http://spod.routetopa.eu/Manual/SPODAdministratorGuideCurrentVersion.pdf https://github.com/routetopa/tet/wiki/TET-Installation https://github.com/SilverDecisions/SilverDecisions/wiki
Plenary meeting	3	2	3	(Salerno) http://service.routetopa.eu:8000/d/f06d2b1023/ (Galway) http://service.routetopa.eu:8000/d/a6d60c5162/ (Paris) http://service.routetopa.eu:8000/d/1441d4d01e/ (Warsaw) http://service.routetopa.eu:8000/d/c05cf9a4d2/ (Dublin) http://service.routetopa.eu:8000/d/1575f2bd0c/ (Prato) http://service.routetopa.eu:8000/d/e7b94dd8c3/ (Paris) http://service.routetopa.eu:8000/d/de6d583049/ (Naples) http://service.routetopa.eu:8000/d/17be6b352d/

A report of software commits (i.e. publication of software as open source) of all ROUTE-TO-PA projects (SPOD, TET and SIM projects) in three years of the project on the GitHub

N.	ROUTE-TO-PA Project name	Commits	Reports of contributions to master (2015-2018)
1	Deep-components	916	<p>Sep 20, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
2	spod-plugin- cocreation	569	<p>Jun 5, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
3	deep	77	<p>Sep 20, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
4	Spod-plugin-new-agora	340	<p>Jan 29, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
5	Spod-plugin-ode	271	<p>Sep 13, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
6	Auth-server-2	98	<p>Oct 9, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>

7	Spod-Mobile	39	<p>Jul 16, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
8	spod-plugin-showcase	40	<p>Jun 11, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
9	Spod-theme-matter	104	<p>Sep 20, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
10	spod-plugin-myspace	142	<p>Oct 18, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
11	spod-plugin-api	24	<p>Feb 21, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
12	Spod-plugin-notification-system	83	<p>Mar 20, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
13	Spod-plugin-discussion	17	<p>May 21, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>

14	Spod-core	1,407	<p>Feb 8, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p> 
15	Spod- proxy	6	<p>May 28, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p> 
16	Auth-server-2	98	<p>Oct 9, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p> 
17	Spod-plugin-openwall	1	<p>Jan 28, 2018 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p> 
18	Deep-client	25	
19	Spod-plugin-slideshow	1	<p>Sep 24, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p> 
20	Spod-plugin-blog	7	<p>Oct 23, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p> 

21	Spod-plugin-tchat	32	<p>May 15, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
22	Spod-plugin-agora-export	12	<p>Apr 3, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
23	spod-plugin-widgets	9	
24	spod-plugin-agora	249	
25	wordpress-datalet	7	
26	spod-plugin-privacy	3	
27	Ckan-openid	13	<p>Jan 17, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
28	Rtpa-allinone	1	<p>Jan 28, 2018 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>

29	tet	551	<p>Jul 10, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
30	ckanext-rtpa_tet_dataset_combination	3	<p>Dec 17, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
31	ckanext-rtpa_tet_dataset_automatic_recommendations	7	<p>Dec 17, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
32	ckanext-rtpa_tet_automatic_charts	32	<p>Dec 3, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
33	ckanext_rtpa_anomaly_detection	6	<p>Nov 12, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
34	Ckan-openid	13	<p>Jan 17, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
35	ckanext-rtpaexplorativestats	24	<p>Sep 10, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>

36	ckanext-rtpa_theme	29	<p>Sep 20, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
37	ckanext-pivottable	9	<p>Jan 3, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
38	ckanext-statsapi	6	<p>Nov 15, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
39	tet-devenv	21	<p>Aug 2, 2015 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
40	ODC-d3	93	<p>Jun 19, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
41	ODC-d3	93	
42	SilverDecision	461	<p>Sep 4, 2016 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
43	sd-tree-designer	25	<p>Sep 3, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>
44	sd-computations	81	<p>Feb 26, 2017 – May 10, 2018 Contributions: Commits ▾</p> <p>Contributions to master, excluding merge commits</p>

45	sd-expression-engine	23	<div>Feb 26, 2017 – May 10, 2018 Contributions: Commits ▾</div> <div>Contributions to master, excluding merge commits</div>
46	s-model	29	<div>Feb 26, 2017 – May 10, 2018 Contributions: Commits ▾</div> <div>Contributions to master, excluding merge commits</div>
47	s-utils	21	<div>Feb 26, 2017 – May 10, 2018 Contributions: Commits ▾</div> <div>Contributions to master, excluding merge commits</div>
48	sd-random	19	<div>Apr 9, 2017 – May 10, 2018 Contributions: Commits ▾</div> <div>Contributions to master, excluding merge commits</div>