



# **D6.1 Project Dissemination Report**

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Linked Language Data for Knowledge  
Services across Sectors

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# D6.1 Project Dissemination

## 1. Introduction

This document represents the first report on dissemination activities carried out during the first year of the Prêt-à-LLOD project.

The primary goal of dissemination is twofold: promoting the project's pilots and services, and identifying actions to promote their further exploitation. The second goal is to disseminate the work done by the scientific partners in the corresponding relevant scientific communities. Overall, dissemination of the project aims at ensuring an efficient and effective set of activities to maximise impact and awareness of the project among the research community, standardisation bodies, industrial key stakeholders, Public Authorities, policy-makers, entrepreneurial and investors ecosystem, and also a close collaboration with the European Language Grid, in addition to cooperation mechanisms with the other actions and other relevant LT projects, initiatives and networks.

In this document, we detail the industrial and scientific dissemination activities of Prêt-à-LLOD - both those already conducted and those planned for the future.

## 2. Dissemination Strategy

The adopted dissemination strategy aims at spreading information on both project results and initiatives to key actors, contributing to the implementation of European policies and systems. A comprehensive dissemination plan can contribute to create new opportunities to extend the project and its results or develop new partnerships and to inform future policy and practice.

To ensure a good quality dissemination plan, the strategy includes a detailed timetable and resource planning for the activities to be undertaken.

For each partner within the consortium, a set of specific dissemination actions to create impact and ensure sustainability of the Prêt-à-LLOD ecosystem towards specific target audiences has been defined. These activities and strategies are described in the Description of Work (DOW) and thus not repeated here.

Event dissemination is a three-step process, structured to guarantee a broad coverage, in terms of both project initiatives and results.

**Prêt-à-LLOD Event Planning**, the first stage of the dissemination cycle, designed as a **before activity**, is the result of a joint effort of all partners and concerns two types of events: (i) community-building events and (ii) communication events. The former includes events aimed at engaging with established research community by means of activities which ensure participation and collaboration between project partners and other stakeholders<sup>1</sup>.

The latter comprises of events and scientific conferences to present and discuss the project and its results.

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<sup>1</sup> Events are described in more details in D5.4 Communication building report

Community-building events can be considered as a many-to-many dissemination, while communication events represent a one-to-many dissemination.

Prêt-à-LLOD Event Planning includes sharing actions on social media, according to a temporal scheduling which starts one month before the event is held. Subsequently, new sharing actions are planned two weeks and two days before the event.

During the initial months of the Prêt-à-LLOD project, several partners contributed to both community building and communication events.

The second step in the dissemination process concerns actions undertaken **during the event** to share more specific information about content and contribution presented by Prêt-à-LLOD partners. These actions include (i) sharing any presentation on [Prêt-à-LLOD slideshare account](#)<sup>2</sup>, (ii) sharing live streamings of the event, (iii) posting updates during the event with pictures.

The last step of the dissemination cycle – **after the event** - aims at following the event up by (i) summarizing the event through a blog post on the Prêt-à-LLOD Website one week later the event, (ii) posting on social media<sup>3</sup>, (iii) adding any publication to [Prêt-à-LLOD open-access repository](#)<sup>4</sup>.

For each of these actions, three contributor profiles have been identified: (i) the owner, who is responsible for setting up and managing the communication channel; (ii) the content owner, who gathers and publishes content; (iii) the content creator, who writes and publishes content.

## 2.1 Target groups and application domains

Within the project, different stakeholders and market sectors have been identified as the main dissemination targets. During the period M4-M9 of the project, partners started and kept implementing the dissemination plan to follow methods defined in the proposal.

## 2.2 Research data

Prêt-à-LLOD acknowledges the importance of Open Access policies towards accelerating and broadening the dissemination of the publicly-funded results of the project, as well as towards boosting the visibility of European research. Furthermore, open access could facilitate SMEs (the vast majority of European LT solution vendors are SMEs) to access and use results.

To ensure the accessibility and shareability of all peer-reviewed scientific research articles, Prêt-à-LLOD applies a **green open access strategy**, as defined in the H2020 program guidelines to the rules of open access to scientific publications<sup>5</sup>. Thus, we use Zenodo<sup>6</sup>, an

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<sup>2</sup> <https://www.slideshare.net/PretaLLOD>

<sup>3</sup> To date, Prêt-à-LLOD uses mainly a project Twitter account, which is @pret\_a\_llod

<sup>4</sup> <https://zenodo.org/communities/Prêt-à-LLOD>

<sup>5</sup>

[https://ec.europa.eu/research/participants/data/ref/h2020/grants\\_manual/hi/oa\\_pilot/h2020-hi-oa-pilot-guide\\_en.pdf](https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf)

<sup>6</sup> <https://zenodo.org/>

open-access repository developed under the European OpenAIRE<sup>7</sup> program, to collect all scientific papers and publications<sup>8</sup>.

With reference to other research data, e.g., linguistic resources, tools, Prêt-à-LLOD guarantees third-party access, mining, exploitation, reproduction, and dissemination through the use of a Creative Commons Licences<sup>9</sup> (CC BY or CC0) to the data deposited.

### 3. Target Audiences

In order to maximise the impact of the dissemination activities, the project ensures the engagement of key stakeholders that have been identified as potential beneficiaries of the project outcomes. In order to achieve this goal, consortium partners have been selected with regard to their potential to liaise with relevant initiatives and targeted categories for the dissemination strategy:

1. **Scientific communities**, including the Linguistic Linked Open Data community, Community organisations (OWLG working group, OntoLex community group<sup>10</sup>) as well as language resource specific organisations such as METANET<sup>11</sup>.
2. **Industry sector**, which includes industry stakeholders demanding innovative multilingual solutions for the addressed markets, LT solutions developers and vendors, LR providers, creators and traders, Web entrepreneurs, software developers, startups providing LT solutions, private investors' networks and other players of the innovator ecosystem in Europe, content providers and data practitioners.
3. **Other related projects/stakeholders**: existing infrastructures including CLARIN<sup>12</sup>, META-SHARE<sup>13</sup>, ELRC-SHARE<sup>14</sup> and National Anchor Points appointed within the European Languages Resources Coordination framework, other European projects (ELEXIS<sup>15</sup>, DARIAH<sup>16</sup>, ReTeLe<sup>17</sup>) and initiatives (ELG<sup>18</sup>, CEF<sup>19</sup>, ISA<sup>20</sup>), standardisation bodies (W3C, ISO), open data activists, policy-makers and regulators; Legal and ethical experts, overall community: professional and citizens associations, general public etc.

Prêt-à-LLOD already includes representatives of the above-listed categories which provide the project with a solid basis to identify a first list of key target stakeholders and ensure project outreach towards these categories. The tasks in WP6 identify key stakeholders in Europe and beyond. We describe in the sections below the dissemination activities that have been targeted at each of the above mentioned stakeholder groups.

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<sup>7</sup> <https://www.openaire.eu/>

<sup>8</sup> <https://zenodo.org/communities/Prêt-à-LLOD/?page=1&size=20>

<sup>9</sup> <https://creativecommons.org/licenses/>

<sup>10</sup> <https://www.w3.org/community/ontolex/>

<sup>11</sup> <http://www.meta-net.eu/>

<sup>12</sup> <https://www.clarin.eu/>

<sup>13</sup> <http://www.meta-share.org/>

<sup>14</sup> <https://elrc-share.eu/>

<sup>15</sup> <https://elex.is/>

<sup>16</sup> <https://www.dariah.eu/>

<sup>17</sup> <http://grial.edu.es/web/en/grial/retele-network-of-resources-for-language-technologies/>

<sup>18</sup> <https://www.european-language-grid.eu/>

<sup>19</sup> <https://ec.europa.eu/inea/en/connecting-europe-facility>

<sup>20</sup> [https://ec.europa.eu/isa2/home\\_en](https://ec.europa.eu/isa2/home_en)

### 3.1 Scientific Communities

The academic research and education partners of the consortium (NUIG, UZAR, UPM, UNIBI, GU and DFKI) have a common interest in scientific dissemination. Publication in academic conferences and journals is also one of the most important mechanisms for ensuring that the insights gained from research in the project Prêt-à-LLOD are taken up and used in other contexts.

Education also provides a modality for exploitation of project results, through the strengthening of degree and other high-value courses to students and practitioners. Academic partners ensure that educational course content is updated in line with the developing state of the art and the most recent innovations that emerge through Prêt-à-LLOD. In particular, the project supports the organization of LLOD-specific hackathons, starting with the 3rd Summer Datathon on Linked Data in Linguistics which, took place in Schloss Dagstuhl from May 12th to 17th. The education goals of the project is primarily accomplished through such events and through tutorials at conferences and industry events. The detailed objectives are described in D5.4 Communication building report.

The following table lists the publications that have been produced so far by the project:

**Table 1 - Prêt-à-LLOD publications at M12**

Publication	Author(s)	Conference/Journal
Extending Neural Question Answering with Linguistic Input Features	Fabian Hommel, Matthias Orlikowski, Philipp Cimiano, Matthias Hartung	Proc. of 5th Workshop on Semantic Deep Learning (SemDeep) at IJCAI 2019, <b>BEST PAPER AWARD!</b>
Zero-Shot Cross-Lingual Opinion Target Extraction	Soufian Jebbara, Philipp Cimiano	Proceedings of the Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, NAACL-HLT 2019
Porting Multilingual Morphological Resources to OntoLex-Lemon	Thierry Declerck, Stefania Racioppa	Proceedings of the International Conference Recent Advances in Natural Language Processing, RANLP 2019
Towards the Detection and Formal Representation of Semantic Shifts in Inflectional Morphology	Dagmar Gromann, Thierry Declerck	Proceedings of the 2nd Conference on Language, Data and Knowledge (LDK)
OntoLex as a possible Bridge	Thierry Declerck, Melanie	Proceedings of the 10th Global

between WordNets and full lexical Descriptions	Siegel, Dagmar Gromann	WordNet Conference
Using OntoLex-Lemon for Representing and Interlinking German Multiword Expressions in OdeNet and MMORPH	Thierry Declerck, Melanie Siegel and Stefania Racioppa	Proceedings of the Joint Workshop on Multiword Expressions and WordNet (MWE-WN 2019), co-located with ACL 2019
Proceedings of the Poster Session of the 2nd Conference on Language, Data and Knowledge (LDK-PS 2019),	Thierry Declerck, John P. McCrae (Editors)	
The Use of an Infrastructure for Lexicography in the field of Terminology	Tanja Wissik, Thierry Declerck	To appear in the Proceedings of the 13th TOTH International Conference
Adapting Term Recognition to an Under-Resourced Language: the Case of Irish	John P. McCrae, Adrian Doyle	Celtic Language Technology Workshop 2019
WordNet Gloss Translation for Under-resourced Languages using Multilingual Neural Machine Translation	Bharathi Raja Chakravarthi; Mihael Arcan; John P. McCrae	MomentT Workshop
Multilingual Multimodal Machine Translation for Dravidian Languages utilizing Phonetic Transcription	Bharathi Raja Chakravarthi; Ruba Priyadharshini; Bernardo Stearns; Arun Jayapal; S Srivedy; Mihael Arcan; Manel Zarrouk; John P. McCrae	2nd Workshop on Technologies for MT of Low Resource Languages (LoResMT 2019)
Identification of Adjective-Noun Neologisms using Pretrained Language Models	John P. McCrae	Joint Workshop on Multiword Expressions and WordNet (MWE-WN 2019) at ACL 2019
English WordNet 2019 -- An Open-Source WordNet for English	John P. McCrae; Alexandre Rademaker; Francis Bond; Ewa Rudnicka; Christiane Fellbaum	10th Global WordNet Conference – GWC 2019
Validating the OntoLex-lemon lexicography module with K Dictionaries' multilingual data	Julia Bosque-Gil, Dorielle Lonke, Jorge Gracia, and Ilan Kernerman,	6th biennial conference on electronic lexicography, eLex 2019
Challenges for the Representations for Morphology in Ontology Lexicons [Poster]	Bettina Klimek, John P. McCrae, Maxim Ionov, James K. Tauber, Christian Chiarcos, Julia Bosque-Gil and Paul Buitelaar	6th biennial conference on electronic lexicography, eLex 2019



Porting a Crowd-Sourced German Lexical Semantics Resource to OntoLex-Lemon	Thierry Declerck, Melanie Siegel	6th biennial conference on electronic lexicography, eLex 2019
Enriching Open Multilingual Wordnets with Morphological Features	Thierry Declerck, Stefania Racioppa.	6th Italian Conference on Computational Linguistics, CLIC-it 2019
Linguistic Linked Open Data for All	John McCrae, Thierry Declerck	International Conference Language Technologies for All, LT4All, 2019

The following table lists the educational and scientific events that Prêt-à-LLOD has organized or where there has been significant involvement:

**Table 2 - Prêt-à-LLOD educational and scientific events**

Event	Role of Prêt-à-LLOD	Partners	Date
<a href="#">2nd Conference on Language, Data and Knowledge (LDK 2019)</a>	Organization Committee	NUIG, GU	20-22.05.2019
<a href="#">3rd Datathon on Linguistic Linked Open Data</a>	Organization Committee	NUIG, UNIZAR, GU	12-17.5.2019
<a href="#">Global WordNet Conference</a>	Program Committee and Presentation of the papers <i>“English WordNet 2019 — An Open-Source WordNet for English”</i> and <i>“OntoLex as a possible Bridge between WordNets and full lexical Descriptions”</i>	NUIG, DFKI	23-27.7.19
<a href="#">Time Machine Conference</a>	Participation	NUIG	10-11.10.2019
<a href="#">Singapore Symposium on Natural Language Processing</a>	Participation	NUIG	31.10.2019
<a href="#">6th Italian Conference on Computational Linguistics, CLIC-it 2019</a>	Participation	DFKI	13-15.11-2019
<a href="#">LT4All – International Conference on Language Technologies for All: Enabling Linguistic Diversity and Multilingualism Worldwide</a>	Participation	DFKI	05-06.12.2019
<a href="#">Joint Workshop on Multiword Expressions and WordNet</a>	Participation and Presentation of two papers:	NUIG,DFKI	02.08.2019

<a href="#">(MWE-WN 2019)</a>	<i>"Identification of Adjective-Noun Neologisms using Pretrained Language Model" and "Using OntoLex-Lemon for Representing and Interlinking German Multiword Expressions in OdeNet and MMORPH"</i>		
<a href="#">Workshop on eLexicography between Digital Humanities and Artificial Intelligence: Complexities in Data, Technologies, Communities</a>	Workshop chairs and program committee members	NUIG, UNIBI	9.7.2019
<a href="#">31st Summer School on Logic, Language and Information</a>	Course on "Introduction to Linked Open Data in Linguistics"	NUIG, DFKI	5-6.8.2019
<a href="#">Spring School LiSeH: Linked Data and the Semantic Web for Humanities research</a>	Course on "Introduction to Linked Open Data in Linguistics"	NUIG, DFKI	24-27.04.2019
<a href="#">Workshop on Translation Inference Across Dictionaries (TIAD 2019)</a>	Organization Committee and shared task organization; 4 presentations by Prêt-à-LLOD members	UNIZAR, GU, NUIG	20.05.2019
<a href="#">2nd Face2face OntoLex Meeting</a>	Meeting of the OntoLex community	NUIG, UNIZAR, GU, UNIBI	20.05.2019
<a href="#">Terminology &amp; Ontology: Theory and Applications</a>	Paper presentation: "Using Domain Specific Research Infrastructures in another Domain: The Use of an Infrastructure for Lexicography in the field of Terminology"	DFKI	6.-7.6.2019
<a href="#">12th Conference on Recent Advances in Natural Languages Processing (RANLP 2019)</a>	Presentation on Prêt-à-LLOD work on "Porting Multilingual Morphological Resources to OntoLex-Lemon"	DFKI	2.-4.9.2019
<a href="#">32nd International Conference on Legal Knowledge and Information Systems (JURIX 2019)</a>	A poster on Prêt-à-LLOD was exhibited. Also a verbal description within Iberlegal ("NLP for the Legal Domain in the Iberian Peninsula")	UPM	13.12.2019

## 3.2 Industry Sectors

In order to improve the visibility and create information around the project, industry partners have been engaged with to bring to their attention the results of the pilot activities and to connect with other stakeholders and decision makers in their own sectors.

Semalytix is currently targeting the pharmaceutical industry as its primary business market. In this customer segment, a strongly growing demand for language technology solutions geared towards answering strategic business questions from text sources in multiple languages is observed, which Semalytix is addressing with its dedicated Pharos® (business intelligence as a service) platform. Current development focuses on rolling out Pharos® for multiple languages, Semalytix is actively researching into technical solutions towards cross-lingual adaptation of existing language technology components (machine learning models, text mining modules, knowledge graphs), while at the same time preserving or improving the domain-specificity of these components. First results have been presented at a scientific workshop (SemDeep 2019) and at a community building event (ELSE-IF 2019).

Oxford University Press represents technology companies within Prêt-à-LLOD. In particular, software companies that are involved in the area of communication and language: localization, information retrieval, machine translation, voice recognition, etc. This customer sector depends on processing and understanding of natural language; it relies upon quality lexical resources: such as inventories of meaning, lemma lists, models of grammar and language in use, as well as quality training data for computational models. The demand is especially high towards less well resourced languages (i.e., languages other than English). Other relevant trends/needs within the technology sector are: editorial functionality, efficiency, standardization, linkability and interoperability of data, consistency in quality and representation, less manual intervention, availability and reusability of data (without needing to be substantially redeveloped). Through the work of Prêt-à-LLOD, OUP will address the gap between existing data silos, unlocking the knowledge held within to improve products and processes in language technology. Data will be made interoperable and linked, allowing much more efficient reuse, and increasing its value for OUP's main data customers, the technology sector. This builds on earlier technical initiatives undertaken at OUP: particularly the development of the "Lexical Engine and Platform" (LEAP), a data platform incorporating lexical data in RDF and JSON, and experimental work undertaken to link dictionaries at the level of meaning. Techniques developed will be applied to a wide variety of languages through OUP's Oxford Global Languages programme, and made available to developers through the Oxford Dictionaries API.

Derilinx are highly experienced in working with public administrations to support their provision and use of Open Data. They will apply human language technologies to facilitate cross-border access to public services and data; the portability of public services and knowledge sharing across jurisdictions will improve citizens' access to these services and provide them with significant cost savings.

The following table details the dissemination events that the industry partners have been involved in and through which they have engaged with other industrial stakeholders on topics related to Prêt-à-LLOD:

**Table 3 - Industry partners' dissemination events**

Industry-targeted event	Partners	Target Audience	Result
<b>LT Innovate</b> , 24-25 June 2019, Brussels Belgium	SWC	LT Industry	Hold a workshop, collected requirements for the Business Stories
<b>SEMANTiCS</b> , 09-12 September 2019, Karlsruhe, Germany	SWC	LT Industry, Text Analytics, Machine Learning, AI	Contacts, Sponsoring, Co-Location of ELSE-IF
<b>eLex</b> , Sintra, Portugal, 1–3 October 2019.	OUP	Electronic lexicography	Contacts, sponsoring, present linking initiatives
<b>Handelsblatt Pharma Annual Conference</b> , 12-13 February, Berlin, Germany	SEM	Pharmaceutical Industry	Presentation of Text Analytics Applications for Business Use Cases
<b>Pharma Pricing and Market Access Congress</b> , 19-20 March, Amsterdam, The Netherlands	SEM	Pharmaceutical Industry	Presentation of Text Analytics Applications for Business Use Cases
<b>Health Care Business Intelligence/Analysis Conference</b> (EphMRA), 25-27 June, Warsaw, Poland	SEM	Pharmaceutical Industry	Presentation of Text Analytics Applications for Business Use Cases
<b>Future Pharma Conference</b> , 9-10 September, Boston, USA	SEM	Pharmaceutical Industry	Presentation of Text Analytics Applications for Business Use Cases
<b>Open data Impact Series IV: Open Data – supporting Arts, Culture and Heritage</b> : 23 <sup>rd</sup> October, Dublin, Ireland	DLX	Public administration bodies	Contacts, including collaboration with the European Language Resource Infrastructure, <a href="https://derilinx.com/open-data-impact-series-iv-open-data-supporting-arts-culture-and-heritage/">https://derilinx.com/open-data-impact-series-iv-open-data-supporting-arts-culture-and-heritage/</a>
<b>Open Data Impact Series III: How Open Data can help our environment</b> : 29 <sup>th</sup> April, 2019, Dublin, Ireland	DLX	Public administration bodies	Contacts, discussion of pilot plans, <a href="https://derilinx.com/odim-pact-environment">https://derilinx.com/odim-pact-environment</a>

<b>EC Catalogue of Services:</b> 16 <sup>th</sup> May, Brussels	DLX	More than 50 member states representatives, academia and semantic and open data experts	Presented 'chatbots for public administrations' <a href="https://t.ly/AxpeK">t.ly/AxpeK</a>
<b>CIO Summit:</b> 25th Sep, Dublin	DLX	Chief Information Officers	Panel discussion: Becoming digital citizens: Creating and embedding a digital culture <a href="https://www.ciosummit.ie/speakers/">https://www.ciosummit.ie/speakers/</a>
<b>GeoGov 2019:</b> 26 <sup>th</sup> September, Dublin, Ireland	DLX	Public administration bodies	Presented 'Open Data Strategy', <a href="https://www.osi.ie/geogov-2019/">https://www.osi.ie/geogov-2019/</a>
<b>Irish Annual Open Data Conference:</b> 27 <sup>th</sup> November, Dublin, Ireland	DLX	Public administration bodies	presented 'Practical Guide to Open Data Publishing' to 150 Irish public servants <a href="https://twitter.com/derilin/status/1199637880378929153">https://twitter.com/derilin/status/1199637880378929153</a>

### 3.3 Other Related Projects/Stakeholders

The principles governing Prêt-à-LLOD are compatible with the nature and mission of each participant always trying to maximise the commercial and socio-economic impact of the project outcomes while fostering the open access dissemination of the research results. Both background and knowledge generated in the framework of the project have to be efficiently exchanged but also protected, if so decided. The consortium includes entities with extensive experience managing IPR and exploiting knowledge assets within their businesses and also in the context of previous cooperative research projects.

A suite of existing LT resources, tools and services is available for integration into the project ecosystem, while additional multilingual services and applications may be developed in the project upon need, if required by one or more of the pilots, on the basis of state of the art approaches. For the members of the consortium, it is very important to have explicit rules on how to access background and foreground knowledge and how to ensure the protection of the potential innovations. Specific background and clarification on the IPR ownership has already been taken into account in the preparation of a draft version of the Consortium Agreement, including IPR issues to support potential and joint exploitation strategies.

The consortium is taking into account the strategy set by the European Language Grid<sup>21</sup> to provide new resources and tools to the public grid, so that partners of Prêt-à-LLOD, acting as suppliers, can apply their policies and models for controlling access rights. The cooperation with the Helpdesk of ELRC<sup>22</sup> is additionally helping with IPR issues, as the legal terms for data and services are an integral part of such infrastructures. Towards this goal, there have been a number of meetings with the ELG project to discuss potential synergies and routes for collaboration in terms of making Prêt-à-LLOD services and language resources available within the ELG infrastructure. Prêt-à-LLOD has in particular shown presence already at the kick-off meeting of the ELG project to establish a working relation with the project. For more details on the engagement and cooperation with other projects from the ICT29b call, we refer the reader to deliverable D5.4.

Below we give a list of engagement activities that have taken place with other EC-funded project (ELEXIS in particular) and with the ELG project. We also list participation in events organized by professional organizations with strong industrial attendance. Finally, we list the participation in standardisation bodies; we note that Prêt-à-LLOD members have chair roles in three W3C communities strongly related to Prêt-à-LLOD goals and topics. These roles allow us to drive the agenda of these community groups and align them with the scientific agenda of Prêt-à-LLOD.

**Table 4 - Dissemination actions with other stakeholders**

Organisation/Project/Event	Means	Partners	Date
<b>Engagement with other EC-funded projects</b>			
ELEXIS	Participation in Observer Event	NUIG/DFKI	18.02-20.02.2019
ELEXIS	Meeting with JSI and Elexis	DFKI	12.07.2019
ICT29b projects	Telco with other ICT29b projects	DFKI	5.8.2019
<b>Liaison with European Language Grid</b>			
ELG	Participation at kickoff meeting in order to establish a communication line between the ELG and Prêt-à-LLOD, especially with the industrial partners of ELG, Expert System, SailLabs and Tilde	DFKI	22.01-23.01.2019
ELG	Tele-conference with ELG project and other projects accepted in the 29b call	DFKI/NUIG	18.3.2019
ELG	Tele-conference with ELG project on the integration of Prêt-à-LLOD outcomes in ELG	UNIBI	09.07.2019 17.07.2019

<sup>21</sup> <https://www.european-language-grid.eu/>

<sup>22</sup> <http://www.lr-coordination.eu/helpdesk>

ELG	Tele-conference with ELG project and other projects accepted in the 29b call	DFKI/NUIG	21.06.2019
ELG	Tele-conference with ELG project and other projects accepted in the 29b call	NUIG/DFKI	03.05.2019
ELG	Tele-conference with the ELG project on extension and harmonization of models for metadata for LR.s.	DFKI/NUIG/UPM/UNIZAR	09.05.2019
<b>Events with Industrial Participation</b>			
<a href="#">7th Language Technology Industry Summit</a>	Language resources taxonomy building workshop at LTI Summit	SWC	25.06.2019
<a href="#">BDV PPP Meetup 2019</a>	2 Presentations by Prêt-à-LLOD	DFKI, UPM	26-28.06.2019
<a href="#">1st International Conference on the European Industry on Language Technology</a>	Chair and Participation	SWC/SEM	09.09.2019
CrossLang (SMART 2016/0103 Lot 2 Service Contract for DG Connect)	Workshop "Showcase H2020 and INEA" organized by CrossLang (in the context of the SMART 2016/0103 Lot 2 service contract for DG Connect). Beyond this workshop, cooperation between Prêt-à-LLOD and CEF activities, like the SMART 2016/0103 Lot 2 service contract for DG Connect.	NUIG, DFKI	26.04.2019
<a href="#">Meta-Forum (organized by ELG)</a>	Session on "Sustainability" co-organized by DFKI and NUIG, with ELG. participation at the pre-conference ELG technical meeting	NUIG/UPM	07.10-10.10.2019
<a href="#">Publications Office of the European Union Directorate A – Information Management A.1 – Standardisation</a>	Participation in the workshop "Semantic interoperability for the multilingual web"	NUIG	4.-5.6.2019
<b>Participation in Standardization Bodies</b>			
W3C Ontolex Community Group	Chairs	UNIBI/UPM/UNIZAR	2014 - to date
W3C LD4LT community group	Chairs	UNIBI/UNIZ	2019 - to date



		AR/GU	
W3C ODRL Community Group	Chair	UPM	2019 - to date

## 4. Dissemination Tools

Prêt-à-LLOD is making full use of existing communication channels, such as major conferences and journals and exploiting its own dissemination channels, including the project website and the organisation of specific events, and the academic and professional networks of the partners.

A tangible dissemination tool is the Prêt-à-LLOD project website, which is continuously updated and will contain relevant project information such as [published reports, papers](#)<sup>23</sup> as well as software and demonstrations made available to the research community, using visualisation and animations. The most important element here are demonstrations which can show how the language technology would work in real life. The website is an easily accessible and frequently updated repository for content produced by the project. It is thus a point of reference for project activities from an organisational, promotional and dissemination point of view and means of interaction between the community members to reinforce ties and collaboration. The website also includes and maintains a blog where articles on topics with a strong reference to Prêt-à-LLOD are frequently published.

Web site visitors are encouraged to contribute to the dissemination of project results using a range of social networks, i.e. Twitter is used to assemble an interested community. Regular tweets about “news” on the website and within the research domain raise attention for the project and help to find and build up a relevant community of followers.

Further tools for dissemination of project results include beneficiaries’ own websites and usual channels for keeping contact with clients/partners/users and use of social media, public and members monthly e-newsletters, and mailing lists to disseminate project information to key stakeholders.

The consortium is exceptionally active in the organization of major community events and these forums are both supported by the project in terms of support for the organization and supporting travel for speakers, and also are a crucial part of the community building.

Extra funds have been allocated to this task that are used to support the following:

- SEMANTiCS conference (2019, 2020, 2021): SWC, SEM
- Language Data and Knowledge (LDK) Conference (Germany, 2019; TBD, 2021): NUIG, UNIBI, GU
- Summer Datathon on Linguistic Linked Open Data (Germany, 2019; TBD, 2021): GU, UZAR, NUIG, UNIBI
- Linked Data in Linguistics (LDL) workshop (2020; GU, NUIG, UZAR, DFKI)
- Semantic Deep Learning (SemDeep) workshop (2019; DFKI) co-located at international conferences.
- Open Data Impact Series : (April 2019, October 2019; DLX)
- Dedicated session (seminar/panel/workshop) on language data at International Open Data
- Conference (IODC) 2019 organized by ODI Madrid (UPM).

<sup>23</sup> <https://zenodo.org/communities/Prêt-à-LLOD>



A list of target events and international journals and planned participation has been drafted and agreed by project partners at an early stage in the Dissemination/Communication Plan and kept updated during the project lifetime. Participation to external events includes presentations of scientific publications and articles, and the distribution of dissemination material and collaterals. High-level dissemination of the project results are conducted through workshops, including presentations to selected group of enterprises and organisations followed by discussions and demonstration of business cases.

Dissemination through the above-mentioned channels is being achieved thanks to several dissemination supporting tools implemented by the consortium, including: (i) Project Logo, PowerPoint templates, templates for deliverables and general documents which were designed in the very initial phase of the project; (ii) Collaterals and dissemination material, including a project fact-sheet, poster and brochure; (iii) audiovisual material, such as walkthrough videos to show the pilots; (iv) Press releases, announcing the key milestones of the project; (v) e-Newsletters and posts on social networks to raise awareness towards project activities; (vi) Contributions to magazines related to data analytics markets, European and national technical magazines, newspapers and/or other media channels have been explored.

**Table 5 - Dissemination tool and target group**

Tool	Target group
Website	General public, Professional / Research audience
Blog	General public, Professional / Research audience
SEO	General public, Professional / Research audience
Twitter, Facebook and LinkedIn	Professional / Research audience
Newsletter	General public, Professional / Research audience
Flyer	Event participants and visitors
Poster (roll-up)	Event participants and visitors
Videos (on Youtube)	General public, Professional / Research audience
Walkthrough	Professional / Research audience
Hackathon / Datathon	Entrepreneurs and scholars
Workshop	Professional / Research audience
Scientific publications in Journals/Conferences	Research community (open access)

In addition, in order to efficiently spread excellence and disseminate knowledge, the majority of project deliverables and other formal commitments will be given a public level of dissemination.

## 5. Monitoring and Evaluation

Dissemination actions have taken place each month, starting from M4, and have been monitored through a report on actions for each stage defined in the event planning, i.e., pre, during, and post stage. Reports on community-building and communication event actions, planned and carried out during each stage, refer to all types of dissemination actions identified within the second step of Prêt-à-LLOD dissemination strategy.

Heretofore, the overall evaluation of dissemination actions shows that post-event actions (Twitter posts and blog posts on Prêt-à-LLOD website, shared publications and presentations), have been carried out efficiently. The number of pre-event actions (Twitter posts) is average, and finally during-event actions (live streaming and Twitter posts with pictures from the event) are very low. The gap between planned and carried out actions trends downward after M4, which indicates that project partners are gradually using all the tools and applying all the strategies planned.

For each dissemination tool identified during the dissemination strategy, a set of objectives have been planned. Some of them can already be evaluated as short-term objectives at M12, e.g., website, blog, SEO, Twitter, Facebook and LinkedIn, while long-term objectives will be evaluated at the end of the first, second and third year.

A list of planned and achieved objectives is given in Table 6 below. We see that the website is attracting some traffic, but we have not yet reached our target of daily 50 visits. The objective of releasing at least 1 blog article per month has been overachieved, with 19 blog posts having been released to date. The SEO activities have had significant impact, leading to the website being listed on page 1 of Google results for they #llo keyword.

Within 9 months we have delivered 98 tweets and almost achieved our target for year 1 (100). The activities concerning the Image video and Walkthrough have not been started as planned. The first hackathon organized by the project has attracted 47 participants, so that we are half way of meeting the objective for the overall project. Two more editions of the hackathon are planned, so that the objective could be overachieved by the end of the project.

The two workshops co-organized by the project ([Workshop on eLexicography between Digital Humanities and Artificial Intelligence: Complexities in Data, Technologies, Communities and Workshop on Translation Inference Across Dictionaries \(TIAD 2019\)](#)) so far have attracted together over 50 participants.

With 9 conference publications and 18 publications in total we more than halfway to reaching our overall number of conference publications.

## 8. Conclusions

Over the first months of its duration, Prêt-à-LLOD has carried out a variety of dissemination activities through different tools, as planned in the dissemination strategy. Such strategy, that includes three steps to cover pre, during, and post event stages, has been successfully applied by all partners. The effectiveness of dissemination activities and tools has been ensured by the identification of key target audiences, informed of the project and its achievements.

Most of the objectives planned for Y1 have been achieved, as shown by the evaluation results. Even though the ongoing evaluation pointed out that we still need to improve some dissemination actions, the overall results may be considered satisfying. Indeed, all the achievements created a strong awareness around Prêt-à-LLOD, reaching the audiences initially set for the project. The efforts for the dissemination of Prêt-à-LLOD will continue in the upcoming period M13-M36 in order to enhance knowledge and attention over the project.