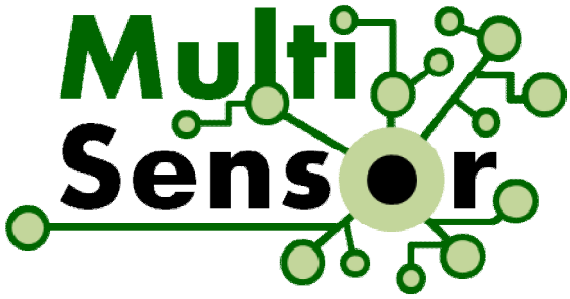

MULTISENSOR

Mining and Understanding of multilinguaLcontenT for Intelligent Sentiment Enriched coNtext and Social Oriented inteRpretation

FP7-610411

D9.3

Report on standardisation, dissemination and User Group activities v1

Dissemination level:	Public
Contractual date of delivery:	Month 12, 31 October 2014
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Abstract

The objective of this document is to report on standardisation, dissemination and the User Group activities related to MULTISENSOR that have taken place during the first 12 months

of the project.
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Executive Summary

This document presents the various dissemination activities carried out by the MULTISENSOR project during the first year of the project as well as activities foreseen for the future.

First, it presents the current dissemination material that includes the press releases, newsletters and social networks in which MULTISENSOR is present and some information on them. In the sequel, the deliverable describes the dissemination strategies focusing on events and products, specifically, the scientific and commercial events targeted for participation, as well as scientific journals for article publication. In addition, a calendar view is provided with the most important and already scheduled events. Moreover, it reports activity of the User Group together with the actions to be taken and it provides a list of the first participants of the User Group as well as their role in the project. Concluding, the deliverable explains the planned standardisation activities.

Abbreviations and Acronyms

ANSI	American National Standards Institute
BM-Y!	Fundacio Barcelona Media
CERTH	Centre for Research and Technology Hellas
DC	Dublin Core
DoW	Description of Work
DW	Deutche Welle
DySCO	Dynamic Social COntainer
EDOAL	Expressive and Declarative Ontology Alignment Language
ICT	Information and Communications Technology
IFTTT	If This Then That
IP	Internet Protocol
JSON	JavaScript Object Notation
LT	Linguatec
MPEG	Moving Picture Experts Group
NDA	Non Disclosure Agreements
NERD	Named Entity Recognition and Disambiguation
NIF	NLP Interchange Format
NISO	National Information Standards Organization
ONTO	Ontotext AD
OWL	Web Ontology Language
PR	pressrelations
RDF	Resource Description Framework
SIMMO	Socially Interconnected and Multimedia-Enriched Object
SME	Small and Medium Enterprises
SPARQL	SPARQL Protocol and RDF Query Language
UPF	Universitat Pompeu Fabra
UG	User Group
WP	Work Package

Table of Contents

1 INTRODUCTION

The objective of D9.3 is to present the dissemination activities and material developed during the first 12 months of the project and the future dissemination plans, as well as the User Group activities and the standardisation activities.

In this context, the deliverable presents the current dissemination material and provides an insight of the web presence of the project by reporting the web traffic and the social media interactions. It also reports the events and the cluster activities that the consortium participated during the 1st year and presents the targets for the next year. D9.3 also includes an update of the User Group (UG) activities and outlines the plan for actively involving the UG members during the rest of the project. Finally, the deliverable presents in detail the standardisation activities that took place during the 1st year.

2 DISSEMINATION MATERIAL

The dissemination material includes the following instruments:

- Communication kit including a flyer, a poster and an overview presentation
- Fact sheet
- Project web presence
- Press release
- Newsletter
- Social networks

The first two have already been presented in D9.1_v2. Therefore, in the following we provide an update with respect to the project presence in the web and in social media, as well as the press releases and the newsletters issued by the MUTLISENSOR partners.

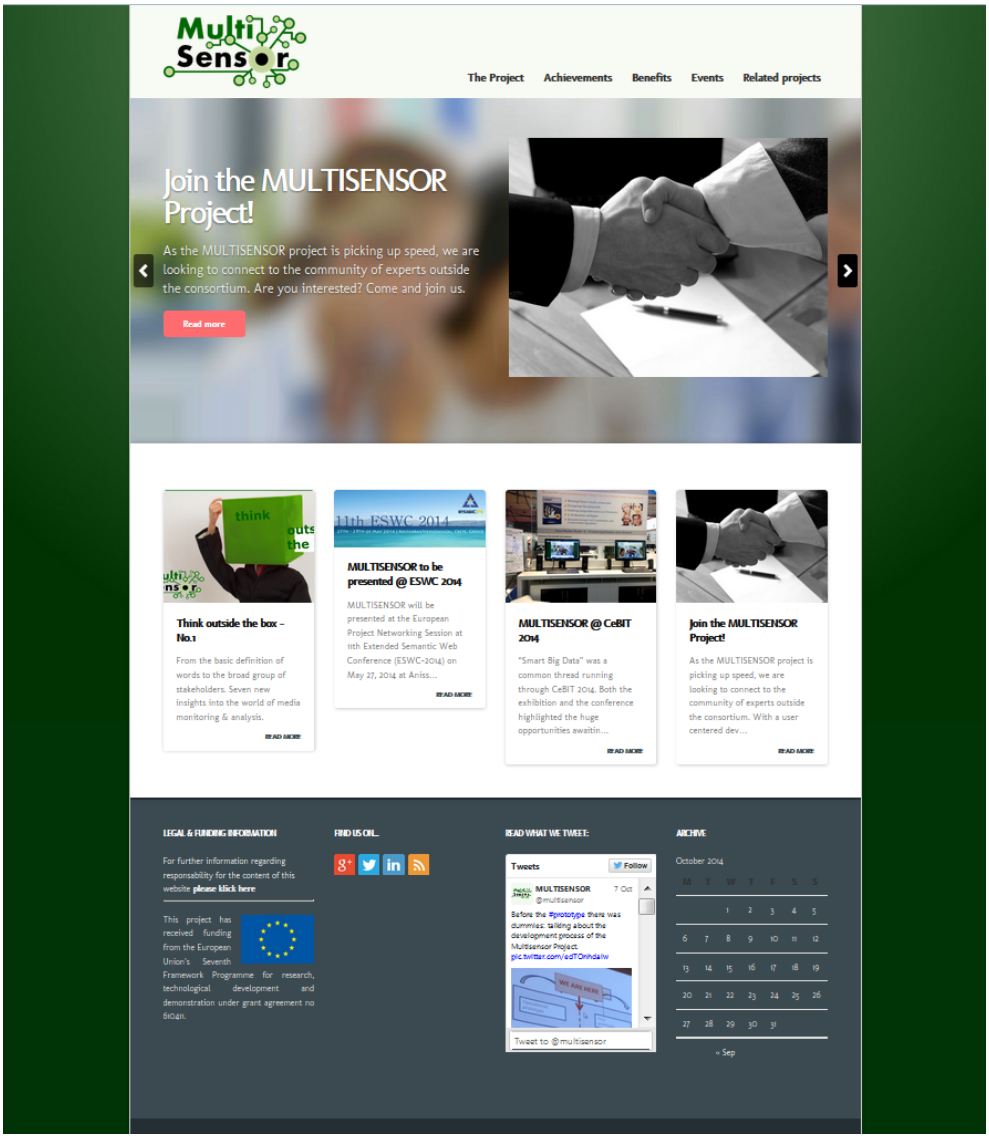


Figure 1: Home page of the MULTISENSOR Website.

2.1 Project web presence

The latest version of the MULTISENSOR website (http://www.multisensorproject.eu) is depicted in Figure 1. The site has been developed to work as a central point of attraction for everyone interested in the work of the consortium towards the project goal. A more detailed presentation of the MULTISENSOR website is available in deliverable 9.2.

Figure 2 depicts details about the website traffic, such as the number of visitors over time (from Project start until mid October), the average duration of a visit or the number of downloads executed on the site (E.g. Deliverables).

The graph as well as the numbers shows that there is a basic interest in the project with a natural fluctuation, including peaks and lows. This is not uncommon, as readership comes and goes with content provided. Also the amount of attention one can create through other channels, such a social networks, conferences or meetings makes a difference.

Overall traffic can still be improved and is expected to grow through more publications in the second year, but especially when first con concrete project results like a demonstrator or similar is available.

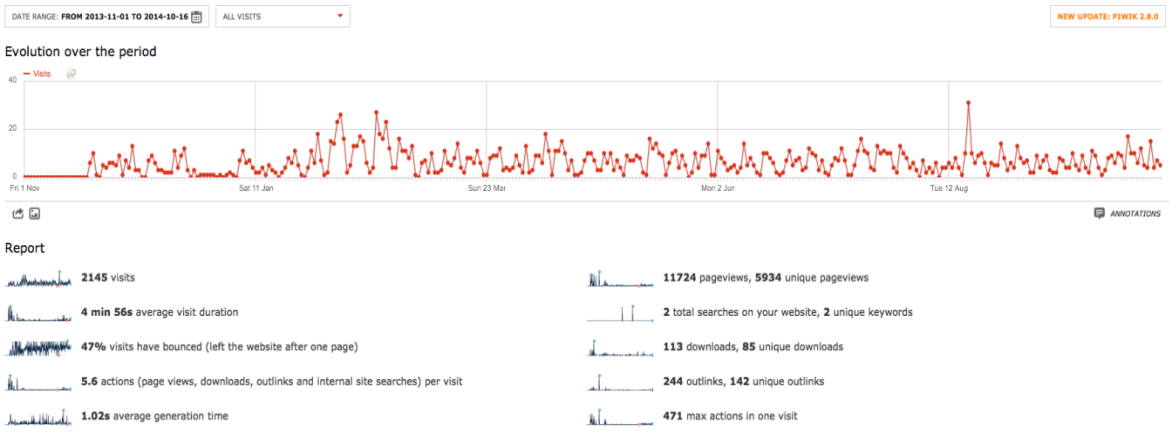


Figure 2: MULTISENSOR website traffic

Figure 3 shows how the traffic on the website splits between the different pages of the MULTISENSOR website ranked in descending order. In general, it seems that visitors are most interested getting an overview of the project. This becomes clear as most people take a look at:

a) The home page of the site first,

b) Take a closer look at what the project is about (short description of the project)

But people are also interested in who the consortium is and what other research is done in this area by looking at:

c) Who is involved in the project (i.e. project partners)

d) Followed by the related projects

There is also an interest in what the project is creating, but as there are not many tangible results yet,

e) Deliverables published

The pages containing the dataset used and the code produced during the project are still not receiving much attention since they do not contain any significant information at the time. However, it is expected that this will change during the second and third year of the project.

Page Titles

PAGE NAME	PAGEVIEWS	UNIQUE PAGEVIEWS
Multisensor Project EU	2913	1567
MULTISENSOR – in short | Multisensor Project EU	849	494
Partners | Multisensor Project EU	947	357
Related projects | Multisensor Project EU	374	247
Deliverables | Multisensor Project EU	544	238
Want more Details? | Multisensor Project EU	359	215
Events | Multisensor Project EU	342	184
Who's behind it? | Multisensor Project EU	259	162
Project structure | Multisensor Project EU	176	135
Publications | Multisensor Project EU	229	134
Use Cases | Multisensor Project EU	262	134
Project outcome | Multisensor Project EU	230	132
What is MULTISENSOR? | Multisensor Project EU	232	120
Architecture | Multisensor Project EU	204	111
Join the MULTISENSOR Project! | Multisensor Projec...	141	106
User Group | Multisensor Project EU	325	106
What's in it for you? | Multisensor Project EU	167	103
Datasets | Multisensor Project EU	141	97
Fundació Barcelona Media – Yahoo Labs (BM-Y!) | M...	119	94
Code | Multisensor Project EU	167	93
Information Technologies Institute – Centre for Re...	421	82

Figure 3: Traffic for different pages in MULTISENSOR website.

Finally, figure 4 depicts the origin of the visitors and it is interesting to note that the majority of the visitors originate from the USA which seems to indicate the MULTISENSOR has only attracted interest outside Europe. In general, the darker a region is, the more visitors there are originating from there. However, no final conclusion can be drawn from this figure as IP-addresses used for this can also be modified.

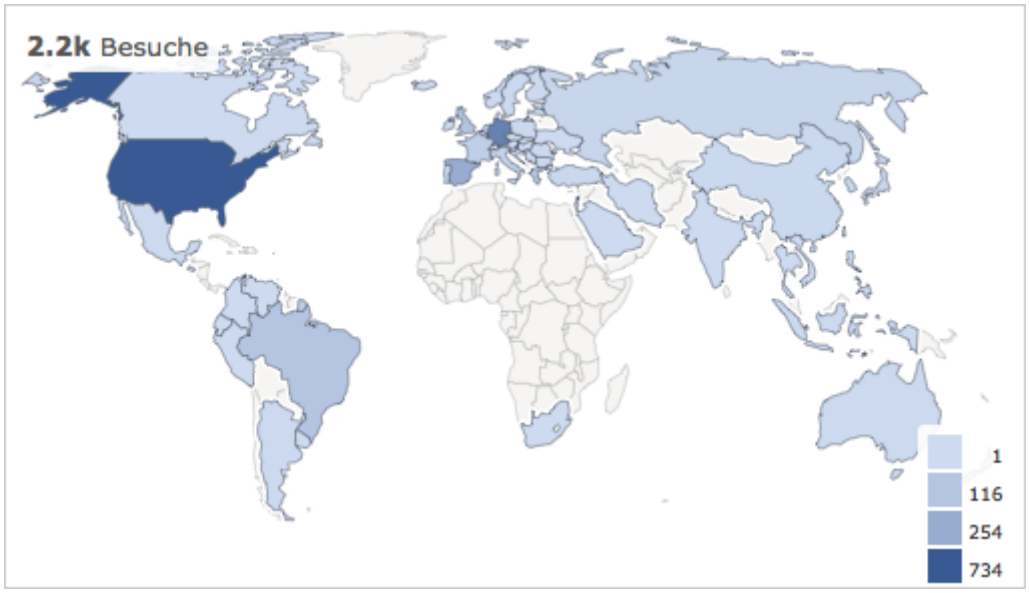


Figure 4: Origin of visitors.

2.2 Press release

As defined in the DoW, press releases are to be issued at least once per year, and when important milestones and events of the project are accomplished. They are targeting the local or national press of the partners entrusted with this task. The press releases will describe the goals of the project in a simple, jargon free language and whenever possible highlight the benefits for the region/country and the importance of the local partner being part of an EU consortium.

The following press releases were issued during the first year of the project:

- The first press release was issued in the first month of the project by CERTH targeting the mass media and a variety of research and commercial organisations in Greece. This press release was issued in Greek language and is available on the CERTH website[1].
- The second press release was issued in the fourth month of the project by press relations. This press release was issued in German and is available on press relation's website[2].

2.3 Newsletter

The MULTISENSOR project partner PIMEC promotes the results of the project through their weekly newsletter. As per the DoW, the project information consisting of updates and information regarding the progress of the project are to be included in the newsletter at least every three months.

The following newsletters were released during the first year of the project:

[1] http://www.certh.gr/1D581379.el.aspx
[2] http://www.pressrelations.de/new/standard/result_main.cfm?aktion=jour_pm&comefrom=scan&r=558087

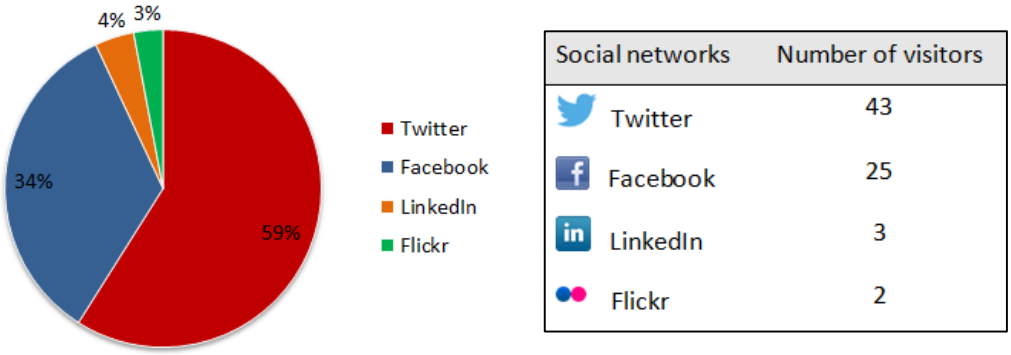
- PIMEC newsletter[3] in Spanish on 30/1/2014
- PIMEC newsletter[4] in Spanish on 5/12/2013
- PIMEC newsletter[5] in Spanish on 13/03/2014
- press relations newsletter[6] in German on 10/04/2014

2.4 Social networks

The online channels through which MULTISENSOR is currently available or that are being used by the project are the following:

1. Blog: http://www.multisensorproject.eu/ (As described in Chapter 2.1)
2. Twitter: https://twitter.com/multisensor
3. LinkedIn: http://de.linkedin.com/in/multisensor
4. Flickr: https://www.flickr.com/photos/multisensor/
5. Facebook: https://www.facebook.com/pages/Multisensor/1481238748826033
6. Slideshare: http://de.slideshare.net/multisensor
7. IFTTT ("If This Then That") - Tool for automation of processes online (like monthly reminders etc.): https://ifttt.com/

Although MULTISENSOR is available on the aforementioned channels, the channels that are currently in active use are only the blog/website and the Twitter channel. Given that the remaining channels are up and running, it is obvious through, that certain visitors can locate MULTISENSOR through them and eventually visit its website.



Social networks	Number of visitors
Twitter	43
Facebook	25
LinkedIn	3
Flickr	2

Figure 5: Number & percentage of visitors coming through several social network sites.

Figure 5 hence depicts the percentages of visitors to the blog originating from the different social network sites, including those not fully active yet. It is quite clear that the Twitter and Facebook are the channels attracting the majority of visitors at least for the

[3] http://web.pimec.org/ca/actualitat/noticies/el-projecte-multisensor-avanca-amb-l-aportacio-d-experiencies-empresarials-per-part-de-pimec
[4] http://web.pimec.org/ca/actualitat/noticies/pimec-col-labora-en-la-creacio-d-una-plataforma-online-europea-per-oferir-a-les-pimes-informacio-per-a-la-internacionalitzacio
[5] http://web.pimec.org/ca/actualitat/noticies/barcelona-acollira-la-propera-trobada-de-seguiment-del-projecte-multisensor
[6] Delivered by email to the subscribed users.

1st year of the project. As far as Flickr and Slideshare channels are concerned, we expect to have more traffic in both of them in the upcoming year when the project partners will use them more intensely for uploading content from public presentations and other dissemination activities.

In the following, we provide the screenshots of Twitter, Facebook, and network sites.

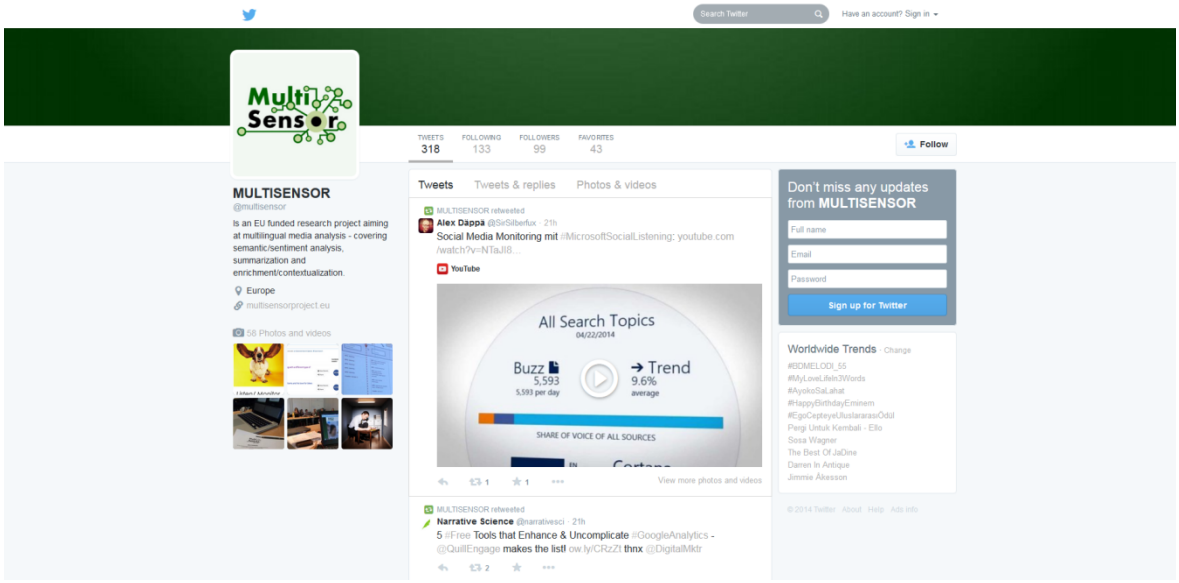


Figure 6: MULTISENSOR on Twitter.

Figure 7: MULTISENSOR on Facebook.

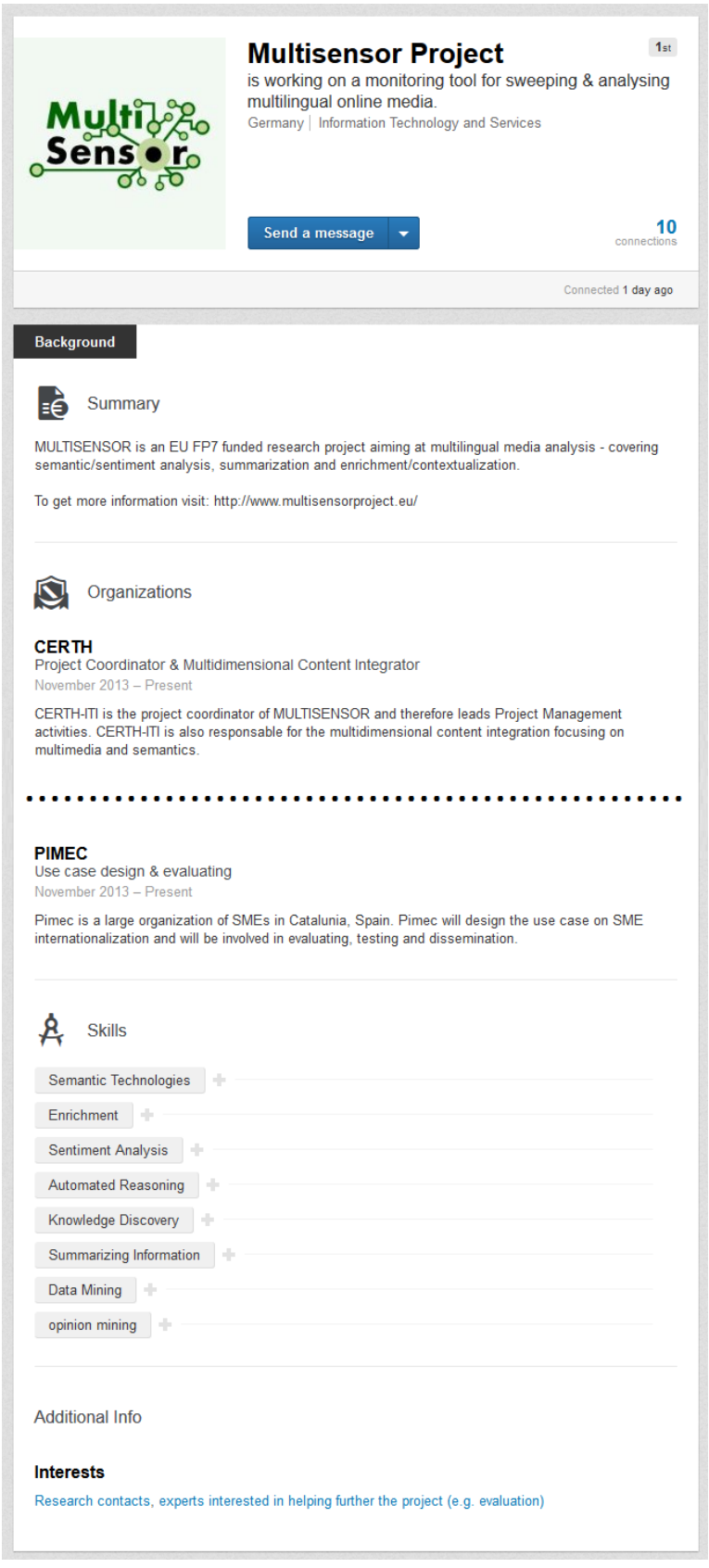


Figure 8: MULTISENSOR on LinkedIn.

3 EVENTS AND VENUES

3.1 MULTISENSOR Workshops and Events

As planned for the whole project duration, the MULTISENSOR consortium organises a number of events. These events are aimed at enhancing the project objectives, receiving constructive criticism from the users and improving the system as well as enlarging exploitation opportunities and impacts.

- *MULTISENSOR User Days*: At least at two occasions, seminars and tutorials will be organised for the members of the User Group (potential users) to demonstrate the MULTISENSOR prototypes, evaluate experimental techniques, have them look and comment on the results, and collect feedback for improvements. The locations will be decided upon according to maximum possible participation of the User Group.
- *MULTISENSOR Open Door Days*: Towards the end of the project, the Consortium will organise two Open Door Days in Spain (Barcelona) and Germany (city still to be decided) with the goal to reach a high number of interested parties.
- *MULTISENSOR Final Conference*: Marks the completion of the project and functions as a presentation event for the technologies developed during the project. The final conference will be collocated with a suitable conference or workshop.
- *Workshops, stands and demonstrations:* Will be organised by the Consortium at major commercial information oriented and general information conferences and exhibitions (e.g. CeBIT). The aim is to inform media organisations and SMEs about the prospects of MULTISENSOR and the technologies developed. MULTISENSOR participation at such events will increase significantly towards the end of the project when there will be at least an up-and-running Beta version available. These actions will also include demonstrations to smaller audiences (e.g. potential users) and to relevant projects. PIMEC will coordinate the demonstrations regarding the SME internationalisation, DW and PR the ones for media monitoring. Moreover, two joint workshops with the EUMSSI project will be held during M16 and M28 of the project. The first workshop will be open only to the consortia of both projects, while the second one will be open also to the wider research community.

It should be noted that user days, open days and demonstrations organised by the Consortium can overlap.

3.2 International and National Events targeted

MULTISENSOR targets diverse audience groups with different interests and needs, including end users, developers and researchers. Different target groups require different approaches by the MULTISENSOR consortium. This means that the information that should be conveyed, as well as the means used, should take into consideration the background knowledge and the interests of the targeted groups.

Since at this stage of the project, there are no final results or products that can be demonstrated, the dissemination objective is to present the MULTISENSOR concept, the objectives and the use cases addressed in relevant international and national events.

Networking activities are also of great importance, since they allow for direct interaction with potentially interested target groups and researchers working in the same areas.

On the one hand, MULTISENSOR will actively lookout for high profile scientific and industrial events that are within the domain of interest of the project, in order to target the research and academics groups, as well as developers (especially the large/industrial corporations).On the other hand, all conferences targeting the same research areas as MULTISENSOR research partners are of special interest for the MULTISENSOR consortium. These are in particular language analysis, image/video analysis, user and context-centric content analysis, natural language processing, indexing, semantic web and data storage.

In the following, the scientific conferences of the aforementioned research areas targeted for 2015 are presented, organised per work package or domain of research:

Scientific/ Academic conferences

- Multilingual and Multimedia content extraction (WP2)
    - 15th EAMT (European Association for Machine Translation) conference, October 2015, Miami, Florida, U.S.A.
    - 20th Conference on Knowledge Discovery and Data Mining (KDD), August 10-13, 2015, Sydney, Australia
    - 10th Workshop in Machine Translation Marathon, Expected date: Summer 2015
    - Spoken Language Technologies Workshop (SLT), Expected date: Winter 2015
    - TXIEEE Automatic Speech Recognition and Understanding Workshop (ASRU), December 13-17, 2015, Scottsdale, Arizona, U.S.A.
- User and context-centric content analysis (WP3)
    - ACM Conference on Human Factors in Computing Systems (CHI), April 18-23, 2015, Seoul, Korea
    - 3rd Workshop on Social News On the Web 2015, Expected date: Spring 2015
    - 9th International Conference on Weblogs and Social Media (ICWSM), May 26-29, 2015, Oxford, UK
    - International Conference on Advances in Social Network Analysis and Mining (ASONAM), August 25-28, 2015, Paris, France
- Indexing and retrieval (WP4)
    - Video Search Showcase Competition (VSS), January 4, 2015, Sydney, Australia
    - 20th International Conference on Multimedia Modelling (MMM), January 5-7, 2015, Sydney, Australia
    - 8th ACM International Conference on Web Search and Data Mining (WSDM), February 2-6, 2015, Shanghai, China
    - 37thEuropean Conference on Information Retrieval (ECIR), March 29 – April 2, 2015, Amsterdam
    - International Conference on Multimedia Retrieval (ICMR), June 23-26, 2015, Shanghai, China
    - 38thInternational Conference on Research and Development in Information Retrieval (SIGIR), August9-13, 2015, Santiago, Chile

  - ACM International Conference on Information and Knowledge Management (CIKM), October 19-23, 2015, Melbourne, Australia
  - TRECVID, November 2015, Gaithersburg, MD, USA
  - ACM Multimedia Conference (MM), October 26-30, 2015, Brisbane, Australia
- Semantic Web (WP5)
  - Extended Semantic Web Conference (ESWC), May 31 – Jun 4, 2015, Portoroz, Slovenia
  - 14th International Semantic Web Conference (ISWC), October 11-15, 2015, Bethlehem, PA, US
- Summarisation (WP6)
  - International Conference on Language Resources and Evaluation (LREC), February 12-13, 2015, Kuala Lumpur, Malaysia
  - 15th Conference on Empirical Methods in Natural Language Processing (EMNLP), Expected date: Spring 2015
  - 53rd Annual Meeting of the Association for Computational Linguistics (ACL), August 16-21, 2015, Beijing, China
  - 20th International Conference on Application of Natural Language to Information Systems (NLDB), June 26-28, 2015, Passau, Germany
  - Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), May 31 – June 5, 2015, Denver, Colorado
  - *Text Analysis Conference*(*TAC*) Workshops (included Knowledge Base Population Workshop, Summarisation Workshop), Expected date: Winter 2015
- Data storage and engineering (WP7)
  - 48thHawaii International Conference on System Sciences (HICSS), January 5-8, 2015, Grand Hyatt, Kauai
  - International Conference on Advanced Information Systems Engineering (CaiSE), June 10-12, 2015, Stockholm, Sweden

As far as the end users and the developers are concerned, they can also be informed about the idea, progress and the products of MULTISENSOR through commercial events and conferences. In such events, dissemination can be achieved through posters, leaflets and brief presentations focusing on the ideas of the project without putting too much emphasis on technical details for a non-technical audience.
The following media-related commercial events/conferences are targeted for 2015 are of specific interest to the project.

Media-related commercial events

- Mobile World Congress 2015[1],March 2-5, 2015, Barcelona, Spain
- SXSW – South by Southwest[2],March 13-17, 2015, Austin, TX, USA
- World Communication Forum 2015, March 10-11, 2015, Davos, Switzerland

[1]http://www.mobileworldcongress.com/

[2]http://sxsw.com/

- CeBIT 2015[3], March 16-20 , 2015, Hannover, Germany
- Financial Times Digital Media Conference 2015[4],April 28-29, 2015, King's Place, London, United Kingdom
- Digital Media Europe 2015[5], April 20-22, 2015, London, United Kingdom
- Publish Asia 2015[6], April 28-30, 2015, Bangkok
- 67th World Newspaper Congress - 22th World Editors Forum - Info Services Expo 2015[7], June 1-3, 2015, Washington, D.C., U.S.A.
- Deutsche Welle's "Global Media Forum"[8], June 22-24, 2015, Bonn, Germany
- European Communication Summit[9], June 25-26, 2015
- International Broadcasting Convention (IBC), September, 2015, Amsterdam, Netherlands
- Kommunikationskongress2015, September 15-16, 2015, Berlin, Germany
- IFRA Expo 2015, October 5-7, 2015, Hamburg, Germany
- GITEX Technology Week 2015[10], October 18-22, 2015, Dubai, United Arab Emirates

3.3 Calendar of events

According to the events described in the Section 3.1, Table 1 contains a first draft of calendar of the main international and national conferences, exhibitions and events that MULTISENSOR will organise and participate in, as well as events that MULTISENSOR has already participated in or organised itself.

[3]http://www.cebit.de/en/exhibition/facts-figures/

[4]http://event.ft-live.com/ehome/index.php?eventid=104171&

[5]http://www.wan-ifra.org/events/digital-media-europe-2015-0

[6]http://www.wan-ifra.org/events/publish-asia-2015

[7]http://www.wan-ifra.org/events/67th-world-newspaper-congress-22nd-world-editors-forum

[8]http://www.dw-gmf.de

[9]http://www.communication-summit.eu/

[10]http://www.gitex.com/page.cfm/link=219

Year -1											
Nov 2012	Dec 2012	Jan 2013	Feb 2013	Mar 2013	Apr 2013	May 2013	Jun 2013	Jul 2013	Aug 2013	Sep 2013	Oct 2013
M -12	**M -11**	**M -10**	**M -9**	**M -8**	**M -7**	**M -6**	**M -5**	**M -4**	**M -3**	**M -2**	**M -1**
							LT-Innovat. Summit '13				IRFC 2013

Year 1											
Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	Jul 2014	Aug 2014	Sep 2014	Oct 2014
M1	**M2**	**M3**	**M4**	**M5**	**M6**	**M7**	**M8**	**M9**	**M10**	**M11**	**M12**
	1st MULTISENSOR conference			CeBIT Exhibition &FIBEP Congress			AMEC Summit &CEN/BII		Workshop on Cyber-Physical Cloud Computing	Kommunikation-kongress	
											Op. Prototype

Year 2											
Nov 2014	Dec 2015	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	Jul 2015	Aug 2015	Sep 2015	Oct 2015
M13	**M14**	**M15**	**M16**	**M17**	**M18**	**M19**	**M20**	**M21**	**M22**	**M23**	**M24**
			EUMSSI workshop	CeBIT Exhibition	Digital Media Europe		User Day I & DW "Global Media Forum			Kommunikation-kongress	
					1st Prototype						2nd Prototype

Year 3											
Nov 2015	Dec 2015	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016
M25	**M26**	**M27**	**M28**	**M29**	**M30**	**M31**	**M32**	**M33**	**M34**	**M35**	**M36**
	User Day II		EUMSSI workshop		Open Day I		Final Conference			Open Day II	
										Final System	

Table 1: Calendar of Events.

The dissemination actions, including the presentations of MULTISENSOR to conferences and events, to consortia of other projects, as well as the submission of research papers to conferences/workshops relevant to the research areas of the project up to M12, are documented in Tables 2, 3, 4, 5 and 6.

Dissemination action	Target audience		
	End users	**Researchers and academic groups**	**Developers**
MULTISENSOR presentation in LT Innovative Summit 2013, Brussels, Belgium, June 26-27, 2013	Language Technology Industry	Language technology researchers	Language Technology Industry
MULTISENSOR presentation in the 6th IRF conference for Science and Industry, Limassol, Cyprus, October 7-9, 2013		Researchers interested in information retrieval	
MULTISENSOR joins the European Center for Social Media (6/2/2014)		Projects dealing with social media	
MULTISENSOR presence at Cebit[17] 2014, on 10-14/3/2014 by Linguatec			IT provider companies
MULTISENSOR presentation in the FIBEP Congress[18], on 12-15/3/2014 by pressrelations which circulated the MULTISENSOR leaflets			Media intelligence and communications companies
MULTISENSOR presentation to European Semantic Web Conference (ESWC) 2014[19] during the EU Project Networking session, on 27/5/2014		Projects dealing with semantic web	
MULTISENSOR presentation to CEN/BII[20], on 3-5/6/2014	(1) civil servants of the European Commission (DG MARKT & Office of Publications); (2) UN/CEFACT and OASIS-UBL	Universities (mainly German ones, working on Classification Systems)	

[17] http://www.cebit.de/home

[18] http://www.fibep.info/

19 http://2014.eswc-conferences.org/

[20] http://www.cenbii.eu/events-activities/

Dissemination action	Target audience		
	End users	**Researchers and academic groups**	**Developers**
	Technical Committees; (3) Member States e-Procurement authorities & consultants; (3) Large Scale Pilots (Open PEPPOL & e-Sens) Management Team representatives; (4) Private Industry consultants (GS1, invinet, everis, PwC, and others);		
MULTISENSOR presentation to AMEC International Summit[21] through leaflet distribution, on 11-12/6/2014	Media Monitoring Industry		
MULTISENSOR presentation Global Media Forum 2014[22] through leaflet distribution, posters, information booth and project presentation, on 30/06-02/07/2014	Decision Makers, Media Organisations and media partners		
MULTISENSOR presentation (remote participation) to 4th International Workshop on Cyber-Physical Cloud Computing 2014 - CPCC2014[23], on 27 – 29/8/2014		Researchers interested in management of heterogeneous sensor data	

[21] http://amecinternationalsummit.org/

[22] http://www.dw.de/global-media-forum/home/s-30956

[23] http://www.nict.go.jp/en/univ-com/isp/n2ws14/index.html

Dissemination action	Target audience		
	End users	**Researchers and academic groups**	**Developers**
MULTISENSOR presentation to Kommunikationkongress 2014[24], on 25-26/9/2014 by pressrelations which circulated the MULTISENSOR leaflets	Media Monitoring Industry		
MULTISENSOR Presentation to News access company (client of PR), on 26/9/2014	Media Monitoring Industry		

Table 2: MULTISENSOR presentation to conferences and events.

[24] http://www.kommunikationskongress.de/

Dissemination action	Target audience		
	End users	Researchers and academic groups	Developers
	Partner organisations from these consortia cover all types of users		
MULTISENSOR presentation to the MUMIA[25] (COST Action IC1002: Multilingual and multifaceted interactive information access) consortium, Limassol, Cyprus, October 10, 2013.			
MULTISENSOR presentation to the ENGINE[26] project, Kick off meeting of ENGINE project, Wroclaw, Poland, October 1, 2013.			
MULTISENSOR presentation to the WikiRate project, Plenary meeting, Greece, Thessaloniki, June 11, 2014.			
MULTISENSOR and EUMSSI presentation by UPF the Big Bang Data exhibition at the CCCB in Barcelona, October 21, 2014.			

Table 3: MULTISENSOR presentation to consortia of other projects.

[25] http://www.mumia-network.eu/

[26] http://engine.pwr.wroc.pl/en/

Dissemination action	Target audience		
	End users	Researchers and academic groups	Developers
F. Markatopoulou, A. Moumtzidou, C. Tzelepis, K. Avgerinakis, N. Gkalelis, S. Vrochidis, V. Mezaris, I. Kompatsiaris, "ITI-CERTH participation to TRECVID 2013", in Proceedings of TRECVID 2013 Workshop, Gaithersburg, MD, USA, November 2013.	Conference participants interested in search engines for multimedia retrieval		
N. Barbieri, F. Bonchi, G. Manco, "Influence-based Network-oblivious Community Detection", To appear in Proceedings of the IEEE International Conference on Data Mining, Dallas, Texas, USA, December 2013.		Conference participants interested in the research area of "social media"	
L. Macchia, F. Bonchi, F. Gullo, L. Chiarandini, "Mining Summaries of Propagations", To appear in Proceedings of the IEEE International Conference on Data Mining, Dallas, Texas 2013, USA, December 2013.		Conference participants interested in the research area of "data mining"	
A. Moumtzidou, K. Avgerinakis, E. Apostolidis, V. Aleksic, F. Markatopoulou, C. Papagiannopoulou, S. Vrochidis, V. Mezaris, R. Busch, I. Kompatsiaris, "VERGE: An Interactive Search Engine for Browsing Video", 20th International Conference on MultiMediaModeling 2014 and participation to Video Browser Showdown (VBS) 2014, Dublin, Ireland, January 2014, accepted for publication	Conference participants interested in search engines for multimedia retrieval		
N. Barbieri, F. Bonchi, "Influence Maximization with Viral Product Design", To appear in Proceeding of the SIAM International Conference on Data Mining (SDM14) - Philadelphia - Pennsylvania 2014.		Conference participants interested in the research area of "data mining"	
T. Tassa, F. Bonchi, "Privacy Preserving Estimation of Social Influence", To appear in Proceeding of the SIAM International Conference on Data Mining (SDM14) - Philadelphia - Pennsylvania 2014.		Conference participants interested in the research area of "data mining"	
C. Aslay, N. Barbieri, F.Bonchi. R.Baeza-Yates, "Online Topic-aware Influence		Conference participants	

Dissemination action	Target audience		
	End users	Researchers and academic groups	Developers
Maximization Queries", To appear in Proceeding of the International Conference on Extending Database Technology (EDBT) - Athens - Greece 2014.		interested in the research area of "data management"	
T. Tsikrika, C. Diou, "Multi-evidence User Group Discovery in Professional Image Search", In Proceedings of the 36th European Conference on Information Retrieval (ECIR 2014), 13-16 April, Amsterdam, The Netherlands, 2014.		Conference participants interested in the research area of "information retrieval"	
T. Tsikrika, A. Moumtzidou, S. Vrochidis, and I. Kompatsiaris, "Focussed Crawling of Environmental Web Resources: A Pilot Study on the Combination of Multimedia Evidence", In Proceedings of the Environmental Multimedia Retrieval Workshop (EMR 2014), April 1st, 2014.		Conference participants interested in the research area of "information retrieval"	
M. Ballesteros, S. Mille and L. Wanner, "Classifiers for Data-driven Deep Sentence Generation", In Proceedings of the 8th International Natural Language Generation Conference (INLG), Philadelphia, USA, June 2014.		Conference participants interested in the research area of "language processing"	
M. Ballesteros, B. Bohnet, S. Mille, and L. Wanner, "Deep-syntactic parsing", In Proceedings of the 25th International Conference on Computational Linguistics (COLING), Dublin, Ireland, August 2014.		Conference participants interested in the research area of "language processing"	
Y. HaCohen-Kerner, S. Vrochidis, D. Liparas, A. Moumtzidou and I. Kompatsiaris: "Key-phrase Extraction using Textual and Visual Features", 3rd Workshop on Vision and Language (VL), Dublin, Ireland, August 23-29, 2014.		Conference participants interested in the research area of "speech and language processing and computer vision"	
N. Barbieri, F. Bonchi, G. Manco, "Who to follow and why: link prediction with		Conference participants	

Dissemination action	Target audience		
	End users	Researchers and academic groups	Developers
explanations", Proceedings of the ACM SIGKDD Conference on Knowledge Discovery and Data Mining, New York City, 23-26 August 2014.		interested in the research area of "data mining"	
D. Liparas, A. Moumtzidou, S. Vrochidis, I. Kompatsiaris, "Concept-oriented labelling of patent images based on Random Forests and proximity-driven generation of synthetic data", COLING'14 Workshop on Vision and Language (VL'14), Dublin, August 23, 2014.		Conference participants interested in the research area of "speech and language processing and computer vision	
X. Zuo, J. Blackburn, N. Kourtellis, J. Skvoretz, A. Iamnitchi, "The Influence of Indirect Ties on Social Network Dynamics", Proceedings of the 6th International Conference on Social Informatics (SocInfo 2014), Barcelona, Spain, 10-13th of November 2014.		Conference participants interested in the research area of "social media"	
I. Arapakis, B. BarlaCambazoglu, M. Lalmas, "On the Feasibility of Predicting News Popularity at Cold Start", In Proceedings of the 6th International Conference on Social Informatics. Barcelona, 10-13 November 2014 (accepted for publication).		Conference participants interested in the research area of "social media"	
D. Liparas, Y. Hacohen-Kerner, A. Moumtzidou, S. Vrochidis and I. Kompatsiaris, "News articles classification using Random Forests and weighted multimodal features", 3rd Open Interdisciplinary MUMIA Conference and 7th Information Retrieval Facility Conference (IRFC2014), Copenhagen, Denmark, November 10-12, 2014, accepted for publication.		Conference participants interested in the research area of "information retrieval"	
T. Tsikrika, K. Andreadou, A. Moumtzidou, E. Schinas, S. Papadopoulos, S. Vrochidis, Y. Kompatsiaris, "A Unified Model for Socially Interconnected Multimedia-		Conference participants interested in the research area of	

Dissemination action	Target audience		
	End users	Researchers and academic groups	Developers
Enriched Objects", 21st MultiMedia Modelling Conference (MMM2015), Sydney, Australia, 5-7 January, 2015 (accepted for publication).		"multimedia modelling technologies and applications"	

Table 4: MULTISENSOR publications and conference/workshop participations.

Dissemination action	Target audience		
	End users	**Researchers and academic groups**	**Developers**
MULTISENSOR &Socialsensor meeting on 12-14 November 2013. The partners participating were: CERTH and Deutsche Welle	Deutsche Welle	CERTH	
MULTISENSOR & EUMSSI meeting at UPF on 22 January 2014. The partners participating were: UPF teams (TALN-UPF & GLiCom-UPF)		TALN-UPF, GLiCom-UPF	
MULTISENSOR & EUMSSI meeting at UPF on 19 February 2014. The partners participating were: everis and UPF for MULTISENSOR and UPF/VSN for EUMSSI		TALN-UPF, GLiCom-UPF	VSN, everis
MULTISENSOR & EUMSSI meeting at Yahoo Labs Barcelona on 26 March 2014. The partners participating were: BM-Yahoo! and TALN-UPF for MULTISENSOR and of GLiCom-UPF for EUMSSI		BM-Yahoo!, TALN-UPF, GLiCom-UPF	
MULTISENSOR & EUMSSI conference call on 10 June 2014. The partners participants were: IAI Saarbrucken for EUMSSI and Linguatec for MULTISENSOR.			IAI Saarbrucken, Linguatec
MULTISENSOR & EUMSSI meeting at Yahoo Labs Barcelona on 1 September 2014. The partners participants were: BM-Yahoo! for MULTISENSOR and GLiCom-UPF for EUMSSI.		BM-Yahoo!,GLiCom-UPF	

Table 5: MULTISENSOR meetings with other related projects.

Dissemination action	Target audience		
	End users	**Researchers and academic groups**	**Developers**
1st MULTISENSOR Conference Partner organizing conference: PIMEC Location and date of conference: Barcelona/ Spain, 11th of December 2014 Content of conference: Explained what is MULTISENSOR, the role of partners and the benefits for SME's and the public sector. Number of participants: 20	SMEs, Public Administrations		

Table 6: MULTISENSOR conferences.

4 MULTISENSOR USER GROUP

4.1 Objective

An important objective of the project is to create an interested community called User Group (UG). The UG consist of different stakeholders including media monitoring companies, SME's with internationalisation goals, institutions, and other relevant companies and users. The main purpose of the UG is to involve experts from companies and research institutes with an interest in MULTISENSOR for an exchange of ideas and to get another expert opinion on the progress of the project. Specifically, members of the UG could be involved in user requirements extraction, testing of technical modules, as well as advising developments for specific tasks.

The user group members will be informed about the latest progress and the developments of the project. It is also important that the UG will setup partnerships that are mutually beneficial; after specific agreements (initially Non Disclosure Agreements (NDA) will be signed), it will be possible for them to:

- Participate in the evaluation of the project results
- Test the project software and provide feedback
- Establish synergies for the possible exploitation of the project results, the development of business models, partnerships etc.,
- Participate in the technical discussions and activities (special sessions, standardisation, etc.)
- Contribute with ideas or requirements that may fit the project objectives.

4.2 Definition of the users: user categorisation

Our objective is to reach as many stakeholders as possible in order to have them actively cooperate with the project.

The UG has been categorised into companies, experts and institutions. The UG members are also classified according to the level of their expertise and involvement to the project into 2 groups: a) focus group and b) exploitation group.

4.2.1 Focus group

The focus group includes different kind of stakeholders. The UG can opt for receiving updates on the MULTISENSOR project, or just to receive specific information on the tasks they are interested in, and the events they would want to participate in.

4.2.2 Exploitation group

The exploitation group includes the organisations and companies that are interested in getting involved actively in the project by contributing to the requirements, to the developments and to the evaluation process.

4.3 User Group cooperation plan

The first year plan was to find, contact and explain the User group on what is MULTISENSOR and also to update the information regularly.

In the second year, we are going to have more interactions with the UG by distributing regular newsletters, direct contact to UG members by calls and targeted dissemination activities. After internal discussions, it was considered more profitable for the project to include external experts for updating the requirements and participating to the evaluation after (and not earlier than) the first development cycle.

However, one of UG members (Jerusalem College of Technology College of Technology) was actively involved in WP4 by supporting the extraction of textual features for the topic-based classification task in T4.1 as reported in D4.1

For now the UG has already 40 members compromised, are divided by:

Companies: 15 members (see Table 7)
Experts: 7 members (see Table 8)
Institutions: 8 members (see Table 9)

Companies				
Company	**Description**	**Interest**	**Contact**	**Country**
Data Scouting	ICT company providing media monitoring solutions	Interested in getting updates for the project	Stavros Vologiannidis	Greece (GR)
Findwise	ICT company providing search solutions	pending	Henrik Strindberg	Sweden
IALE	ICT company providing data mining solutions	pending	Enric Escorsa	Spain
Treparel	ICT company providing data mining solutions	pending	Anton Heijs	Holland
Ekonm	ICT company providing semantics and data mining solutions	Interested in getting updates for the project	Espen Kon	Israel
DOTSOFT	ICT company providing data mining solutions	Interested in getting updates for the project.	Odysseas Spyroglou	Greece
Mozaika	ICT company providing data science solutions	participating in the evaluation and in the requirements gathering involvement of the UG depending on the time schedule	Mariana Damova	Bulgaria
QMUL, Multimedia and Vision Research	multimedia applications	Interested in getting updates for the project	Ioannis Patras	UK

Group				
Aii Data Processing Ltd	Provides business news and market intelligence with focus on the emerging markets of Central and Eastern Europe. Specialises in monitoring, measurement and analytics of mainstream and social media.	They seemed to be very interested in the open days, the connections and the potential of our project.(Especially interested for the use-case of "International media monitoring: Scenario 1")	Anton Todorov	Bulgaria
Lautenbach Sass	Management consulting firm specializing in communications management	Generally interested	Katharina Simon	Germany
Zebra Design & Retail	SME (design & Retail)	Participation on the User Group & receiving updates	Francesc Querol	Spain
Aquarius Cosmetics	SME (Cosmetics)	Interested in getting updates for the project	Ramon Soler	Spain
Neptuno films	SME	Interested in getting updates for the project	Neus Viciana	Spain
Grup Barcelonesa	SME (chemical products distributor)	Participation on the User Group & receiving updates	Anna Collell	Spain
CASMAR	SME (security systems)	Interested in getting updates for the project	Montse Castro	Spain

Table 7: MULTISENSOR User Group members.

Experts				
Name	**Description**	**Interest**	**Contact**	**Country**
Jordi Mallorquí	Expert in Internationalisation	Participation on the User Group	Jordi Mallorquí	Spain
Jordi Planas	Expert in Internationalisation	Participation on the User Group	Jordi Planas	Spain
Míriam Sabaté	Expert in Internationalisation	Participation on the User Group	Míriam Sabaté	Spain

Joan Carles Espigol	Expert in Internationalisation	Participation on the User Group	Joan Carles Espigol	Spain
Ricard Navàs	Expert in Internationalisation	Participation on the User Group	Ricard Navàs	Spain
Pere Duran	Expert in Internationalisation	Participation on the User Group	Pere Duran	Spain
Marta Sanchez-Pol	Expert in Internationalisation	Participation on the User Group	Marta Sanchez-Pol	Spain

Table 8: MULTISENSOR experts User Group members.

Institution				
Organisation	**Description**	**Interest**	**Contact**	**Country**
JRC	Research centre working on media monitoring	Interested in getting updates for the project	Ralf Steinberger	Italy
SEERC	Research centre working on knowledge management	Interested in getting updates for the project	Iraklis Paraskakis	Greece
Fraunhover MOEZ	Research centre	Interested in the progress of the project. We would also like to test some technology you develop. We will not be able to test “raw software”. But if the technology is packaged into APIs we could conveniently use, it would be a pleasure to test the technology in some of our use cases.	Lutz Maicher	Germany
Jerusalem College of Technology	College of Technology	Participation on the User Group - cooperate in supervised machine learning tasks	Yaakov HaCohen-Kerner	Israel
DG MARKT - EUGO, Points of Single Contact	Unit E01 Coordination	Link to Directive 2006/123/EU on Services	Agneszka Biajno	Brussels

European Journalism Center	Journalism Training and Research Organisation	Pending	Eric Karstens	Netherlands
Beeld & Geluid	Cultural-historical Media Organisation	Pending	Johan Oomen	Netherlands
IRT	Research Institute for Mediatechnology	Pending	Peter Altendorf	Germany

Table 9: MULTISENSOR institutions User Group members.

Apart from the above mentioned people that have confirmed their involvement in the MULTISENSOR User Group, there is an indicative list of potential users that under contact or waiting for their answer involving the UG (See Table 10).

Organisation	Description	Contact	Country
Fraunhofer FAME	Research institute working on the future of media	Stefan Arbanowski	Germany
Fraunhofer IAIS	Research institute working on data analysis	Joachim Köhler	Germany
DG Enterprise and Industry	SMEs, Industrial Policy and Single Market	-	Brussels
DG Competition	Consumer Goods	-	Brussels
DG MARKT	Summaries of EU legislation, Food and Safety, List of common jurisdiction on Consumer Health, Product Safety, Safety of Services, Quality of goods and Services	-	Brussels
DG TAXUD	Enforcing your right, Legislation, Customs	-	Brussels
DG MOV	Mobility and Transport	-	Brussels
EUROPE AID	Funding third world, non-EU, countries	-	Brussels
SWR Digital Archive	Public German Broadcaster	Dominik Frey)/Robert Fischer	Germany
ATC	Software Company, Media research and development	Nikos Sarris	Greece
RBB	German Public Broadcaster	Bettina Heidkamp	Germany

Table 10: MULTISENSOR User Group members under contact.

5 STANDARDISATION BODIES

International standards are essential in bringing technological, economic and societal benefits. They help to harmonise technical specifications of products and services, making industries more efficient and breaking down technological barriers. The MULTISENSOR project has envisioned scientificobjectives (e.g., content representation, social web, augmented reality) that target several standardisation bodies. This presents an opportunity to the MULTISENSOR consortium to become actively involved in the implementation of existing standards, as well as the creation of new standard recommendations. Below is an update of the actions that were carried outtowards standardisation during the preceeding months, per Workpackage (see Table 11 for the summary of efforts). The action list iscontinuously updated and added to the project communication and dissemination plan.

Standard body	Responsible	Initial Action/timing	Definition of potential standard contribution/ timing
W3C, MPEG-7	CERTH	Investigate the coverage and structure of different existing models such as WebLab Exchange Model, RUCoD and DySCO and investigate the existing standards in order to propose a multimedia item multi-layer representation model. CERTH developed the Socially Interconnected and Multimedia-Enriched Object (SIMMO). This model definition has been accepted for publication in the 21st Conference on Multimedia Modeling (MMM2015).	Contribute to the existing multimedia modeling standards by standardizing SIMMO.
EC Publications Office	UPF	RDF version of EuroVoc: use thesaurus as source of concepts.	
W3C Ontolex, OKFN Open Linguistics, W3C LD4LT, BPMLOD	UPF, ONTOTEXT	Considered linguistic models and resources: - NIF (see next) - OLIA (morphology), constituents: Penn,	Use of Linguistic ontological models for storing extracted linguistic information in the Knowledge Base

Standard body	Responsible	Initial Action/timing	Definition of potential standard contribution/ timing
		Stanford, etc. -BabelNet (incl. WordNet, Open Multilingual WordNet, Wikipedia, OmegaWiki, Wikidata, Wiktionary) -Lemon/LexInfo (lexica: wordnets/ dictionaries).	and exploiting them for natural language generation.
W3C Ontolex, OKFN Open Linguistics	UPF, ONTOTEXT, Linguatec	Named Entity Recognition (NER) (T2.2) Concept linking and relation extraction (T2.3) - Shallow dependency parser - Deep dependency parser - Coreference resolution - Relation extraction	NLP Interchange Format (NIF) 2.0: ontological model of stand-off annotations to express all kinds of linguistic information.
W3C, JSON-LD	UPF, ONTOTEXT	Implementation in progress (available implementation in the dependency parser service)	JSON for Linked Data (LD): JSON serialisation format for RDF triples.
W3C, RDF/OWL/SPARQL	ONTOTEXT	Implemented in Ontotext GraphDB (OWLIM).	Adopt Semantic Web standards (RDF, OWL, SPARQL) for data and query representation.
W3C Emotion Incubator Group, Emotion Markup Language (EmotionML)	BM-Y!	Further activity to be defined at next plenary meeting (Feb 2015).	Adopt EmotionML (partly) in sentiment analysis specifically for representing and storing information. Selection of the <dimension> element, among the various representation schemas provided by EmotionML, as the most suitable representation method describing an emotion or a related state according to an

Standard body	Responsible	Initial Action/timing	Definition of potential standard contribution/ timing
			emotion dimension vocabulary.
DublinCore Metadata initiative	BM-Y!	Use for the ontological representation of contextual features	N/A

Table 11: Standard bodies.

5.1 WP2 - Multilingual and Multimedia Content Extraction

Related actions with respect to standardisation bodies in the context of WP2 are detailed as part of the efforts of WP4 and WP6, in Sections 5.3 and 5.5 respectively.

5.2 WP3 - User and Context-centric Content Analysis

For the ontological representation of the contextual features (T3.2), the Dublin Core metadata initiative is used. Apart from the fifteen elements of the classic "Dublin Core" (such as dc:title, dc:creator, dc:date, dc:source), which have been standardised as ISO Standard 15836:2009 and ANSI/NISO Standard Z39.85-2012, we have planned to also extend the schema to include additional required ones.

The lack of agreement on descriptors in the field sentiment classification, among other related domains, creates a need for interoperability and use of publicly defined vocabularies where possible and reasonable, from the point of view of the target application. EmotionML provides mechanisms to represent emotions in terms of scientifically valid descriptors: categories, dimensions, appraisals, and action tendencies. In the context of WP3, BM-Y! is considering adopting in part the EmotionML[27] for the sentiment classification task (T3.3), and more specifically, for storage and representation purposes. Such an example is the <dimension> element, which is a suitable descriptor for representing emotions or related states such as the polarity (valence) and sentimentality (arousal) dimensions. Other declared dimension vocabularies will be considered, depending on the requirements of the use case.

5.3 WP4 - Multidimensional Content Integration and Retrieval

In the context of WP4 (Task 4.4), CERTH developed the Socially Interconnected and Multimedia-Enriched Object (SIMMO). SIMMO integrates in a unified manner the representation of multimedia and social features extracted in WP2 in online environments. Its representation captures some of the most salient characteristics of online social multimedia content, such as host heterogeneity and fragmentation, media objects diversity, online links and relations, social links and interactions, dynamic content and automatically generated metadata. In addition, SIMMO supports several tasks related to information

[27] http://www.w3.org/TR/emotion-voc/

processing, analysis and access, such as cross-host search, multimodal search, layered annotation, varied granularity access, and content provenance.

SIMMO was jointly developed in collaboration with the SocialSensor FP7 ICT IP[28] and REVEAL FP7 ICT[29] projects. SocialSensor and REVEAL contributed especially with respect to the requirements imposed by social media posts. SIMMO is an extension of the Dynamic Social COntainer (DySCO), which was developed in the context of SocialSensor.

CERTH aims at applying the SIMMO representation in MULTISENSOR in order to support retrieval, classification and clustering tasks. MULTISENSOR will also investigate the extension of SIMMO as a standard, which will efficiently represent heterogeneous multimodal information.

SIMMO definition has been accepted for publication in the 21st Conference on Multimedia Modelling (MMM2015), Sydney, Australia (Tsikrika et al., 2015).

Regarding ontology and content alignment, CERTH is monitoring the progress and evolution of the Expressive and Declarative Ontology Alignment Language (EDOAL)[30] [2], which is an expressive language to represent relations between entities from different ontologies. It is expressive enough to enable the representation of complex correspondences thus allowing to precisely describing the relation between the entities. CERTH is already using the AlignmentAPI[31], which includes an implementation of EDOAL, and will investigate EDOAL to identify gaps or missing features in the Language and propose extensions.

5.4 WP5 - Semantic Reasoning and Decision Support

No updates took place been reported with respect to WP5 compared to the standardisation activities reported in D9.1_v2.

5.5 WP6 - Summarisation and Content Delivery

Many of the tasks foreseen in the MULTISENSOR project involve dealing with linguistic information either resulting from the analysis of texts and transcribed audio in multiple languages (WP2) or used in the production of multilingual summaries (WP6). Partners involved in these tasks are adopting or considering for adoption several officially endorsed, de facto and prominent Web-lingusitic representations of linguistic information:

- NLP Interchange Format[32] (NIF) 2.0 has been agreed as the common model for the representation of standoff annotations produced by the text analysis modules in WP2.

[28] http://www.socialsensor.eu/

[29] http://revealproject.eu/

[30] http://alignapi.gforge.inria.fr/edoal.html

[31] http://alignapi.gforge.inria.fr/

[32] http://persistence.uni-leipzig.org/nlp2rdf/

- OLiA[33] ontologies have been agreed as the base for the codification of linguistic information associated to the annotations (e.g. morphological and syntactic information in T2.4).
- The Standbol Enhancement Structure[34] is being considered for codification of provenance (i.e. specify which tool was used to produce the annotations).
- The Named Entity Recognition and Disambiguation[35] (NERD) model is being considered for codification of the results of task T2.2.
- The Lexicon Model for Ontologies[36] (Lemon) being developed in the W3C Ontology-Lexica (OntoLex) Community Group is also being considered as the standard representation for dictionaries and other lexical resources used in WP6. The adoption of the BabelNet[37] dataset as the central element in the concept extraction task (T2.3) is a further incentive towards the adoption of Lemon.
- FrameNet[38] is a prominent lexical database of predicative word senses and has been agreed as both a model and a reference repository for the relation extraction task (T2.4).

5.6 WP7 - System Development and Integration

No updates took place been reported with respect to WP7 compared to the standardisation activities reported in D9.1_v2.

Standard body	Responsible	Initial Action/timing	Definition of potential standard contribution/ timing
W3C, MPEG-7	CERTH	Investigate the coverage and structure of different existing models such as WebLab Exchange Model, RUCoD and DySCO and investigate the existing standards in order to propose a multimedia item multi-layer representation model. CERTH developed the Socially Interconnected	Contribute to the existing multimedia modeling standards by standardizing SIMMO.

[33] http://purl.org/olia

[34] https://stanbol.apache.org/docs/trunk/components/enhancer/enhancementstructure.html

[35] http://nerd.eurecom.fr/

[36] http://lemon-model.net/

[37] http://babelnet.org/

[38] https://framenet.icsi.berkeley.edu/fndrupal/home

Standard body	Responsible	Initial Action/timing	Definition of potential standard contribution/ timing
		and Multimedia-Enriched Object (SIMMO). This model definition has been accepted for publication in the 21st Conference on Multimedia Modeling (MMM2015).	
EC Publications Office	UPF	RDF version of EuroVoc: use thesaurus as source of concepts.	
W3C Ontolex, OKFN Open Linguistics, W3C LD4LT, BPMLOD	UPF, ONTOTEXT	Considered linguistic models and resources: - NIF (see next) - OLIA (morphology), constituents: Penn, Stanford, etc. -BabelNet (incl. WordNet, Open Multilingual WordNet, Wikipedia, OmegaWiki, Wikidata, Wiktionary) -Lemon/LexInfo (lexica: wordnets/ dictionaries).	Use of Linguistic ontological models for storing extracted linguistic information in the Knowledge Base and exploiting them for natural language generation.
W3C Ontolex, OKFN Open Linguistics	UPF, ONTOTEXT, Linguatec	Named Entity Recognition (NER) (T2.2) Concept linking and relationextraction (T2.3) - Shallow dependency parser - Deep dependency parser - Coreference resolution - Relation extraction	NLP Interchange Format (NIF) 2.0: ontological model of stand-off annotations to express all kinds of linguistic information.
W3C, JSON-LD	UPF, ONTOTEXT	Implementation in progress (available implementation in the dependency parser service)	JSON for Linked Data (LD): JSON serialisation format for RDF triples.
W3C, RDF/OWL/SPARQL	ONTOTEXT	Implemented in OntotextGraphDB	Adopt Semantic Web standards (RDF, OWL,

Standard body	Responsible	Initial Action/timing	Definition of potential standard contribution/ timing
		(OWLIM).	SPARQL) for data and query representation.
W3C Emotion Incubator Group, Emotion Markup Language (EmotionML)	BM-Y!	Further activity to be defined at next plenary meeting (Feb 2015).	Adopt EmotionML (partly) in sentiment analysis specifically for representing and storing information. Selection of the <dimension> element, among the various representation schemas provided by EmotionML, as the most suitable representation method describing an emotion or a related state according to an emotion dimension vocabulary.
DublinCore Metadata initiative	BM-Y!	Use for the ontological representation of contextual features	N/A

Table 12: Standard bodies.

6 MEASURABLE DISSEMINATION GOALS

To quantify and evaluate the Dissemination targets, MULTISENSOR has set some specific measurable goals with respect to the set activities.

The following are numbers set for the minimum dissemination goals.

Goal	Currently
2 workshops in cooperation with EUMSSI held in M12 and M28 with 30 and 40 participants respectively	0 (The first workshop is scheduled for M16)
20 scientific publications during the project lifetime, which at least two of them reporting part of the advancements of each research Work package (WP2-WP6)	18
3 participations in cluster events and/or standardisation initiatives during the project lifetime	11
3 meetings per year with related ICT projects during the project lifetime	Y1 - 5 Y2 - Pending Y3 - Pending
3 press releases in total (at least one per year)	Y1 - 2 Y2 - Pending Y3 - Pending
25% growth in website traffic every year (Total website visitors to date = 2052 It is not possible to calculate the growth in the first year as it is 25% of 0 (since in the beginning of the year, we had 0 visitors). 25% growth the next years will be calculated)	Y1 –N/A Y2 - Pending Y3 - Pending
2 MULTISENSOR User Days with at least 30 participants for each User Day	0
MULTISENSOR Open Door Days with 50 participants for each Open Door Day	0
MULTISENSOR Final Conference with at least 60 participants	1
Demonstrations of MULTISENSOR platform (intermediate prototypes and/or final system) to 20 participants in total during the lifecycle of the project	0
Project presentation to 10 consortia during the project lifetime	4

Table 13: Measurable goals.

Overall it can be said that the project is very well aligned with the expected targets set by the dissemination goals. For several of these goals, the project has managed to almost reach the expected targets for the whole project already during the first year (e.g. 18/20 publications, 11/3 participations to cluster events, 5/3 meetings with related projects). In addition, it is reasonable that for specific targets no progress is reported (e.g. User days, platform demonstrations), given the fact that these are expected to be addressed at a later stage of the project, where specific demos and results will be available.

7 SUMMARY

In this deliverable, we summarised the measurable dissemination goals, strategies of MULTISENSOR and provided updates regarding the dissemination activities that were done during the first one year of the project. This also included the status of the user group (UG), its categorisation and the cooperation plan. As this report shows the information regarding the dissemination plan, calendar of events and material such as flyers will be constantly updated.

This report contains the dissemination activities that mark the completion of the first year of the project as well as their statuses. The dissemination activities for the 2nd year will be presented in D9.3_v2 (M18) and D9.5 (M24).

8 REFERENCES

Tsikrika, T., Andreadou, K., Moumtzidou, A., Schinas, E., Papadopoulos, S., Vrochidis, S., Kompatsiaris, Y. 2015. “A Unified Model for Socially Interconnected Multimedia-Enriched Objects”, 21st MultiMedia Modelling Conference (MMM2015), Sydney, Australia.

EDOAL: Expressive and Declarative Ontology Alignment Language, http://alignapi.gforge.inria.fr/edoal.html