



Action plan updated

Deliverable D5.3

Version 2.3

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METANET4U

www.metanet4u.eu

The central objective of the Metanet4u project is to contribute to the establishment of a pan-European digital platform that makes available language resources and services, encompassing both datasets and software tools, for speech and language processing, and supports a new generation of exchange facilities for them.

This central objective is articulated in terms of the following main goals:

Assessment: to collect, organize and disseminate information that permits an updated insight into the current status and the potential of language related activities, for each of the national and/or language communities represented in the project. This includes organizing and providing a description of: language usage and its economic dimensions; language technologies and resources, products and services; main actors in different areas, including research, industry, government and society in general; public policies and programs; prevailing standards and practices; current level of development, main drivers and roadblocks; etc.

Collection: to assemble and prepare language resources for distribution. This includes collecting languages resources; documenting these language resources; upgrading them to agreed standards and guidelines; linking and cross-lingual aligning them where appropriate.

Distribution: to distribute the assembled language resources through exchange facilities that can be used by language researchers, developers and professionals. This includes collaboration with other projects and, where useful, with other relevant multi-national forums or activities. It also includes helping to build and operate broad inter-connected repositories and exchange facilities.

Dissemination: to mobilize national and regional actors, public bodies and funding agencies by raising awareness with respect to the activities and results of the project, in particular, and of the whole area of language resources and technology, in general.

METANET4U is a project in the META-NET Network of Excellence, a cluster of projects aiming at fostering the mission of META. META is the Multilingual Europe Technology Alliance, dedicated to building the technological foundations of a multilingual European information society.



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and by the participating institutions:



Faculty of Sciences, University of Lisbon



Instituto Superior Técnico



University of Manchester



University *Alexandru Ioan Cuza*



Research Institute for Artificial Intelligence,
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University of Malta



Technical University of Catalonia



Universitat Pompeu Fabra

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METANET4U

Action Plan Updated

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1 Introduction

WP5 is dedicated to mobilizing national and regional actors, public bodies and funding agencies by raising awareness with respect to the activities and results of the project, in particular, and of the whole area of language resources and technology, in general.

In month 6, an *Action Plan*, as set in the Deliverable 5.1, was agreed among partners, focussing on awareness, community mobilisation and dissemination actions to be undertaken in each country / language community covered in the project, with the aim of maximising the project's impact and ensuring its sustainability beyond the EU-supported phase. The action plan targeted three main groups (each considered in an independent WP5 subtask):

- research community in human language technology and other related domains (Task 5.2 Mobilize the national research communities);

- society, government and other public decision makers (Task 5.3 Increase visibility within business and industry);
- economy, both language industry and other business sectors (Task 5.4 Enhance awareness in society and government).

This Action Plan has been executed since then, and such execution and its results until the end of the first year were reported in the Deliverable D5.2.

The present deliverable D5.3 updates the initial Action Plan, as this Plan was set in Deliverable D5.1, by taking into account the dissemination actions executed so far, as reported in Deliverable D5.2, and the adjustments that are in concordance with the comments in the first year review report, resulting from the Annual Review Meeting in Brussels. According to these comments, more efforts should be put into developing dissemination actions targeting the business sector, and the sustainability plan, planned to be ready by the end of the project, as the content of Deliverable D5.5, should receive a preliminary draft outline already in the present deliverable.

In the initial Action Plan, we have taken into consideration **Instruments** and **Actions** to describe the dissemination activities. The Instruments represent the means that METANET4U partners need to put in place in order to perform the dissemination actions. The Actions represents various awareness, mobilisation and dissemination activities that each partner, depending on the national framework and the person/month resources allocated to this WP, should undertake. Both Instruments and Actions are characterised by specific features.

For the Instruments, the features we analysed have been *target, examples, responsibility, time, success metrics* and *means*.

For the Actions, the considered features have been: *addressee, examples, relevance, message, attention, credibility, intended action* by addressee, *motivation, responsibility, time, success measures* and *instruments*.

The detailed description - along these features and dimensions - of the dissemination actions to be undertaken provide the enumeration of the key performance indicators for Workpackage 5, that is for Dissemination, and can be found in the deliverable D5.1 Action Plan.

The annual review report made the recommendation that these key project indicators be further refined in the present deliverable D5.3.

The present deliverable will therefore discuss:

- the activities already considered in the D5.1. Action Plan, which will be continued by the partners in the second year of the project;

- the new activities envisaged, including those targeting the business sector;
- refinement of the Key Performance Indicators for the dissemination activities;
- a preliminary overview of the sustainability plan (a plan being drafted with the cooperation of all the projects and partners in the META-NET network of excellence).

The issues above will be addressed using the format already used in D5.1 Action Plan, more specifically by dividing the activities in the three subtasks of WP5 (each focused respectively on research, industry or society communities). For each new activity, the relevant features are presented. For the activities already presented in D5.1, these features are no longer repeated. In addition to the features used in D5.1 Action Plan, three new features are considered for dissemination activities:

- an additional *Key Performance Indicators* feature, introduced for all considered activities to fit the impact estimations suggested in the annual review report (detailed in Section 3 below);
- a *Status* feature, having as possible values for each activity and instrument the following flags: NEW, ONGOING or FINISHED. The NEW flag indicates that the action/instrument is newly introduced in this deliverable. The ONGOING flag presents an action that it is to be continued in the second year of the project, in line with the initial Action Plan, while a FINISHED flag indicates an activity that was introduced in the D5.1 Action Plan, but is now finished or no longer considered so important. An overview of the *Status* features of the activities foreseen in this deliverable can be found in Section 2 below.
- a *Priority* feature, specifying if the foreseen activity has a LOW, MEDIUM, HIGH or VERY HIGH impact in the project. This feature will serve to prioritize the effort the partners should devote to each activity. It only characterizes actions, not instruments, and Section 2 below presents an overview of the priority of each dissemination activity.

The results obtained in the first year of the project, following the Action Plan developed in month 6, are detailed in the deliverable D5.2. For the sake of convenience, though, an overview of such dissemination results achieved in the first year is presented at the end of this deliverable, in section 9 *Dissemination activities performed in the first year*.

2 Action Plan vs. Action Plan Updated

The table below presents the comparison of the dissemination *instruments* in the initial Action Plan (D5.1) and this Action Plan Update (D5.3):

Dissemination instrument	Foreseen in D5.1	Foreseen in D5.3	Status
<i>Mobilize the national research communities</i>			
Identify key national contacts	yes	yes	ongoing
Create promotional materials / posters / flyers etc.	yes	yes	finished
<i>Increase visibility within business and industry</i>			
Organize a coalition of national initiatives, each of which intended to support the acquisition of language data from local providers	yes	yes	ongoing
Create promotional materials / posters / flyers etc. about the project, specifically addressed to business/industry	yes	yes	ongoing
Move from a project webpage (as per the initial network agreement) to a project website (following the recommendation in the annual review report)	no	yes	new
<i>Enhance awareness in society and government</i>			
Identify key possible collaborations	yes	yes	ongoing
Create promotional materials / posters / flyers etc.	yes	yes	ongoing
Increase Website attractiveness	no	yes	new

Table 1: Dissemination instruments in D5.1 Action Plan vs. D5.3. Action Plan Updated

Similarly, table 2 below indicates the status and the priority features of the dissemination *activities* in the two deliverables:

Dissemination activity	Foreseen in D5.1	Foreseen in D5.3	Status	Priority
<i>Mobilize the national research communities</i>				

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Promote METANET in LST and non-LST scientific events	yes	yes	ongoing	medium
Organize awareness and dissemination events for non-LST people	yes	yes	ongoing	medium
Dissemination among students	yes	no	finished	medium
Dissemination through national or regional projects and networks	yes	yes	ongoing	high
Propose national projects aiming at obtaining as much resources and tools in LRT as possible	yes	yes	ongoing	high
<i>Increase visibility within business and industry</i>				
General awareness raising of LST	yes	yes	ongoing	high
Engagement in innovation and business partnerships	yes	yes	ongoing	medium
Invitation of business players to deliver invited talks at LST research events and conferences	yes	yes	ongoing	medium
Participate with promotional stands at national fairs in ICT	yes	yes	ongoing	very high
Use Enterprise Europe Network	no	yes	new	medium
Use professional PR company to design a marketing campaign fitted to all the partners	no	yes	new	very high
<i>Enhance awareness in society and government</i>				
Disseminate language reports	yes	yes	ongoing	high
Large dissemination of META objectives/activities/events in mass media and over the Internet	yes	yes	ongoing	high
Propose a parliamentary initiative for the collection of all published materials on a secured portal	yes	yes	ongoing	low
Contact decision-makers in order to negotiate possible support for LRT	yes	yes	ongoing	medium

Table 2: Dissemination activities in D5.1 Action Plan vs. D5.3.Action Plan Updated

Since this deliverable is only intended to be complementary to the D5.1 Action Plan, the three subtasks of WP5, corresponding to the three main directions of dissemination considered in the METANET4U project (research, industry and society), are only briefly mentioned before the specific actions are presented. More details about each subtask, the partners involved and the allocated resources can be found in D5.1 Action Plan.

3 Key Performance Indicators

This section gives an overview of the Key Performance Indicators feature introduced to assess the impact of each dissemination activity. The list of these indicators is:

- Number of events organized (dissemination or awareness sessions) or at which partners participated and presented METANET4U results;
- Number of attendants at organized events;
- Number of industrial speakers at organised events;
- Demos/publications/posters/ flyers distributed;
- Number of collaboration memoranda signed with important stakeholders of research or industry community;
- Number and amount of funding of national projects proposed to sustain METASHARE after the end of the project;
- Number of ICT fairs attended with a stand;
- Number of Language White Papers disseminated;
- Track feedback after the Language White Papers distribution;
- Website traffic on the Metanet4U website;
- Number of press articles presenting the METANET4U, META and METASHARE at national level.

These indicators are detailed for each dissemination activity in the sections 5-7 below.

4 Dissemination activities per partner

Table 3 summarizes the involvement of each partner in the dissemination activities foreseen in this Action Plan Updated. More details about the activities each partner foresees can be found in the description of the activities in sections 5-7 below.

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Dissemination activity	FCUL	IST	UNIMAN	UAIC	RACAI	UOM	UPC	UPF
<i>Mobilize the national research communities</i>								
Promote METANET in LST and non-LST scientific events	X	X	X	X	X	X	X	X
Organize awareness and dissemination events for non-LST people				X		X		
Dissemination through national or regional projects and networks	X	X	X	X	X	X	X	X
Propose national projects aiming at obtaining as much resources and tools in LRT as possible		X	X	X		X		
<i>Increase visibility within business and industry</i>								
General awareness raising of LST	X		X	X	X	X	X	X
Engagement in innovation and business partnerships	X		X		X		X	X
Invitation of business players to deliver invited talks at LST research events and conferences	X							
Participate with promotional stands at national fairs in ICT	X	X	X	X	X	X	X	X
Use Enterprise Europe Network	X	X	X	X	X	X	X	X
Use professional PR company to design a marketing campaign fitted to all the partners	X	X	X	X	X	X	X	X
<i>Enhance awareness in society and government</i>								
Disseminate language reports	X	X	X	X	X	X	X	X

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Large dissemination of META objectives/activities/events in mass media and over the Internet	X	X	X	X	X	X	X	X
Propose a parliamentary initiative for the collection of all published materials on a secured portal			X	X		X		
Contact decision-makers in order to negotiate possible support for LRT	X	X	X	X		X	X	X

5 Mobilize the national research communities

5.1 Short task description (more details in D5.1)

The main aim of this subtask is to mobilize the national/language research communities so that their members explore the benefits of accessing third party resources through the META-SHARE platform and keep using it to release their own future resources, even after the completion of this project.

The scientists targeted for this task are both Language and Speech Technology (LST) and non-LST researchers (including Humanities and Social Sciences, Computation and Engineering, Biomedical, etc.).

5.2 Proposed strategies

5.2.1 Instruments

5.2.1.1. Identify key national contacts

On a par with promoting META-NET and METANET4U at different events, the Action Plan envisages that the partners will also promote the project's achievements through face to face meetings with a number of stakeholders from the industry or society. Toward this end, each partner has first gathered a list of contacts from the three considered domains (research, business and society) to be considered, in order to promote the project's objectives.

Partners have identified key researchers, belonging to the following categories:

- **organizers** of national conferences in the LR domain within the countries that use the partners' languages;
- **providers** of LR among teachers/professors;
- **consumers** of LR (non-LST);
- list of **LST researchers** for each language in the project.

An overview of the number of contacts already gathered can be found in the deliverable D5.2.

The lists will be continuously completed with new contacts. Meanwhile, using an email template to be agreed upon between partners, the project, META and META-SHARE will be presented to the collected contacts. They will be invited to the events we organise, will be invited to join META-NET and META-SHARE, and will receive news about the Language Whitepapers.

5.2.1.I2. Create promotional materials / posters / flyers etc.

Promotional materials, such as various versions of posters, leaflets, t-shirts, scarves and cups with logo have been designed by UAIC, FCUL and UOM and presented or distributed at various events. Their designs are available to all partners who wish to adapt and use them through the METANET4U's intranet page at <http://metanet4u.eu/intranet/index.php/Reference:Templates>.

5.2.2 Actions

5.2.2. A3. Promote METANET in LST and non-LST scientific events

The partners will continue to promote METANET4U and METANET during scientific events: present demos and posters advertising the project at the main national conferences; acknowledge the project in publications dealing with LRT; distribute the flyers at various events organized by the partners or at which they may attend.

META features:

Feature	Description
<i>Responsibility:</i>	All
<i>Key Performance Indicators:</i>	3 conferences: report the demos/publications/posters/flyers distributed, the no. of participants for the events organized by partners, and the web traffic changes in the Metanet4U website following the event.
<i>Status:</i>	Ongoing
<i>Priority:</i>	Medium

From the **University of Lisbon (ULX)** side, as in the first year of the project, the **FCUL** team will be targeting the Portuguese and Brazilian conferences where the community of researchers on language technology and computer science typically gather and publish their results. Additionally, this team will be also targeting events of neighbouring, non-LST areas proper.

The **Centre of Linguistics (CLUL)** team will also be targeting the Portuguese and Brazilian conferences to publish their results.

Additionally, on a best effort basis, this team will be also targeting events of neighbouring, non-LST disciplines proper, especially in the area of the Humanities and Social Sciences. The exact events to be targeted will

result from screening the most popular events in the most active areas, including those of Literary Studies, Psychology and Anthropology, etc. The quite popular meeting of the Portuguese Association of Teachers of Portuguese will be targeted as well. In December 2012, CLUL will host the 11th International Workshop on Treebanks and Linguistic Theories (TLT11), together with the Second Workshop on Annotation of Corpora for Research in the Humanities (ACRH-2) as a co-event. The ACHR-2 workshop will be an opportunity to target the area of the Humanities and Social Sciences. CLUL will also disseminate the results of METANET4U at the second workshop of the Parole Association "From Parole to Meta Share: producing and sharing resources", hosted by CLUL in October 2012.

METANET4U will be presented to students and researchers that will attend the second Lisbon Machine Learning summer school, entitled "Taming the social web." It will take place July 19-25, and it is organized jointly by **IST**, the Instituto de Telecomunicações and the Spoken Language Systems Lab - L2F of INESC-ID. The target audience of this school is: researchers and graduate students in the fields of NLP and Computational Linguistics; computer scientists who have interests in statistics and machine learning; industry practitioners who desire a more in depth understanding of these subjects. For more information about the school, please refer to <http://lxmls.it.pt>.

At IST, after the end of the project, a seminar, targeted to the speech and natural language processing research national community, will be given in order to present the project's achievements.

It is part of the remit of the National Centre for Text Mining (NaCTeM) at **UNIMAN** to organise NLP events. Sophia Ananiadou is frequently involved in organising workshops. Such workshops, which mainly target the biomedical natural language processing community, provide an excellent opportunity to promote META-NET. UNIMAN is a co-organiser of a Special Interest Group within ACL (SIGBioMed), whose purpose is to bring together researchers in NLP, bioinformatics, medical informatics, and computational biology, providing a venue for the promotion and dissemination of original research in this area.

As an example of dissemination at LST-related events, during the second year of the project, Sophia Ananiadou and Paul Thompson have already co-organised an LREC 2012 workshop, the *Third Workshop on Building and Evaluating Resources for Biomedical Text Mining*, which specifically mentioned META-NET and its aims in the call for papers. In this context, resources in languages other than English were particularly welcomed, and several were presented. Sophia Ananiadou is also a co-organiser of other workshops in the coming months, i.e., BioNLP 2012 (the 11th workshop on biomedical natural language processing), held in conjunction with NAACL, and the ACM Sixth International Workshop on Data and Text Mining in Biomedical Informatics (DTMBIO), which will be held in

conjunction with ACM 20th Conference on Information and Knowledge Management (CIKM).

Sophia Ananiadou will be giving invited talks at the *Current and Future in Pathway Research* workshop in Korea, the *Machine Learning, Brain Banks and Health Symposium* in the Netherlands and she will give a keynote speech at *4th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management*. All of these give opportunities to promote META-NET to a wider audience. Presentations will incorporate slides that mention META-NET and flyers will be distributed.

William Black, who also belongs to Ananiadou's research group, will be a presenter at the workshop *Working with Text - Tools, Techniques and Approaches for Data Mining*, to be held in Edinburgh in July 2012, in conjunction with the *Open Repositories 2012* conference. The idea of the workshop is to demonstrate, using hands-on demos, how a broad variety of text mining tools, techniques and approaches can directly benefit the end user. A wide-range of end-users are targeted, such as developers, practitioners, researchers and repository managers, as well as content and infrastructure providers. This workshop directly addresses the promotion and demonstration of language technology to non-LST researchers. John McNaught will give a talk at the *3rd MI Conference on Text Mining Methods (TMM)* in July 2012, which aims to promote text mining tools and methods to social researchers. META-NET will be mentioned in the presentations of UNIMAN members at both of the above events, and META-related materials will be distributed.

UAIC will continue to mobilise the NLP research community, as in the first year of the project. Under the auspices of the Commission for Romanian Language Technology, major NLP scientific events in Romania will continue to be organized, such as the Workshop on Language Technologies for the Romanian Language (co-organized by UAIC and RACAI). Also, the METANET4U achievements will be disseminated at conferences where UAIC members will participate.

UAIC and RACAI will disseminate the objectives of METANET4U and the META consortium target in the Conference dedicated to the Diaspora researchers in Computer Science, they will jointly organise in Bucharest in September 2012.

RACAI was the main organizer of the MetaNet endorsed workshop "Semantic Relations-II; Enhancing Resources and Applications" (<http://www.racai.ro/SemRel2012/>) which enjoyed the attendance of more than 40 participants. The workshop program included 12 regular papers, 4 posters plus the invited talk (Patrick Hanks).

RACAI will target the National Conference on Research and Innovation which will be held in Bucharest in October 2012.

As for **UOM**, the Council for the Maltese Language in collaboration with Department of Intelligent Computer Systems and the Institute of Linguistics will be organising events where communities of researchers gather with users of Language Technology and Linguistics, such as the talk on META-NET and METANET4U project gave as part of the Linguistic Circle seminar series in 2011 by Mike Rosner.

In June 2012, UOM launched the META BROWN BAG TALKS. These are informal gatherings for discussion about a topic with connection to METANET4U. Lunch consumption (in a brown bag, of course) is an optional activity during the talk. In the first year of the project we organised 3 talks related to METANET4U, and these activities will continue in the second year of the project.

In Spain, the Spanish Society for Natural Language Processing (SEPLN) is a nonprofit scientific association whose main activity is to promote all activities related to the study of natural language processing. The SEPLN organizes an annual meeting where projects are invited to present their activities and progress. **UPC** and **UPF** have sent a communication presenting METANET4U and METANET activities, and will continue this activity by sending a communication paper about METANET4U and METANET activities to the IberSPEECH 2012, a joint even of "VII Jornadas en Tecnología del Habla" and "III Iberian SLTech" to be held on 21st-23th November 2012 in Madrid Spain. The venue is organized by the Red de Tecnologías del Habla (RTHH) and the attendants are all the groups in Spain and Portugal working in Speech Technologies. UPC will also target the Language Technology Forum, and UPF will prepare an invited communication at the Congreso Internacional de Lingüística de Corpus (CILC 2013) to be held in Alicante, 14-16 March 2013.

5.2.2.A4. Organize awareness and dissemination events for non-LST people

Examples of non-LST researchers that can benefit from our project are: lexicographers (who use big collections of raw texts as sources for the citations they include in dictionaries to exemplify word senses), historians (that may analyze the differences between the features of discourses in different time intervals), researchers in the biomedical domain, etc. In this direction, several partners consider organizing awareness events to promote the META-SHARE platform to non-LST researchers, in order to indicate them useful tools they can find on META-SHARE.

META features:

Feature	Description
<i>Responsibility:</i>	UAIC, UOM;
<i>Key</i>	One awareness session during the life time of the project;

<i>Performance Indicators:</i>	report the number of attendants and the web traffic changes in the Metanet4U website following the event.
<i>Status:</i>	Ongoing
<i>Priority:</i>	Medium

UAIC will organise in the second year of the project an awareness seminar intended to non-LST researchers in UAIC, in which to demonstrate use cases/success stories of collaboration between LST and non-LST for the benefit of non-LST.

As for **UOM**, the National Council for the Maltese Language is planning for 2012 a Conference on the theme of Language Resources which will try to bring together a variety of key stakeholders in order to increase the awareness of the potential of Language Technology. University of Malta will provide a METANET-aware invited speech.

5.2.2.A5. Dissemination among students

The partners have exploited the opportunity to catch students' interests towards language technologies, in particular for convincing them to use META-SHARE and to embrace the strategic research options in META-VISION. Although dissemination among students during courses or in special awareness events will continue, it will not be considered a mandatory activity anymore, to allow partners to focus on the relation with the industry.

META features:

Feature	Description
<i>Responsibility:</i>	ULX, UNIMAN, UAIC, RACAI, UOM;
<i>Key Performance Indicators:</i>	20 students having heard of META activities; increased attendance of LST-specific high education;
<i>Status:</i>	Finished
<i>Priority:</i>	Medium

5.2.2.A6. Dissemination through national or regional projects and networks

Links between European projects and national/regional projects are encouraged by the European Union, and most partners are already involved in some national projects. Links between projects are beneficial for boosting synergy, enlarging communities, unifying evaluation criteria and spreading information.

Synergies with CESAR and META-NORD are especially advised at the level of tools interoperability and in the joint effort of funding a professional marketing plan. We need to insure coherence between the sister projects and seek potential synergies, including wrt. to jointly appoint the services of an expert who could develop an efficient communication strategy, taking into account relevant channels (e.g. social networks) and aimed at industrial and government stakeholders.

Also, the other projects in METANET should be kept aware of our dissemination activities.

META features:

Feature	Description
<i>Responsibility:</i>	All partners
<i>Key Performance Indicators:</i>	One collaboration memoranda signed; dissemination activities mentioned to the other projects in METANET.
<i>Status:</i>	Ongoing
<i>Priority:</i>	High

ULX will resort, in the first place, to scientific societies through their communication channels, newsletters and mailing lists to announce the METASHARE platform and the key messages of METANET.

Additionally, scientific societies of neighbouring areas and disciplines, with special interest in the Humanities and Social Sciences, will be scanned in order to find also opportunities and possible channels of dissemination among these communities. These activities should receive a boost after M16, when the new version of METASHARE will be available and when partners will have their resources uploaded to METASHARE.

Among other actions, they will include sending out invitations to join possible social web pages and attend METANET events, including the METAFORUM meeting.

UNIMAN plans to be involved in facilitating greater synergy between METANET4U, CESAR and META-NORD in terms of interoperability of tools and resources. Currently, in METANET4U partners are making their tools and resources in various different languages available as UIMA components that conform to a sharable hierarchy of data types (the U-Compare type system). Using UNIMAN's U-Compare platform, interoperable workflows, consisting of pipelines of several UIMA components, can be built easily, rapidly and in flexible ways to carry out different types of NLP tasks. Recently, following discussions with António Branco, partners from the CESAR and META-NORD projects have also been invited to make their own tools and resources available as UIMA components that conform to the U-Compare type system. This would help to increase the interoperability of the tools and resources being made available by these projects, and increase the range of workflows that can be constructed using U-Compare.

In addition, UNIMAN will continue to promote and disseminate META-NET and the project results through UK networks of researchers, such as a CLUK (Computational Linguistics UK) and CLARIN-UK.

UAIC has submitted several proposals at national project competitions (Ideas 2011). UAIC intends to sign collaboration memoranda between METANET4U and these new projects, if accepted. In the relation to the other projects in the consortium, UAIC will respond to all requirements for reporting the dissemination activities performed at national level in METANET4U.

RACAI will take any opportunity of promoting the project's interests in the partner networks in which is involved through the national and international projects is participating in: CLARIN, ACCURAT, MULTILINGUAL WEB, etc. At the MULTILINGUAL WEB workshop "The Multilingual Web – The Way Ahead" hosted by the Directorate-General for Translation (DGT) of the European Commission (Luxembourg, 15-16 March 2012) the RACAI representative manned a METANET4U poster and offered presentations to several participants in the workshop.

In Malta the research community is largely concentrated at the **UOM** and distributed through different entities within the University – in particular the Faculty of ICT, the Institutes of Linguistics and Health Care, the Faculties of Arts and Laws. Research is also carried out amongst the user communities of the National Libraries and Archives, which have been involved in various digitisation projects. The Council for the Maltese Language has very good connections to these dispersed communities and we propose to set up a number of joint activities with them to facilitate access and encourage collaboration in particular (i) website (ii) use of social networks and (iii) a regular workshop or conference to promote increasing awareness of the evolving multilingual infrastructure.

UPC will promote the dissemination through local networks: they will reinforce the already created Spanish networks CLARIN and the Spanish Network of Speech Technologies (RTTH, acronym in Spanish) and will participate in joint discussion forums and activities, linking them to the META-SHARE initiatives.

UPF will contact relevant organizations, like CLARIN network and the Sociedad Española para el Procesamiento del Lenguaje Natural (SEPLN), and will try to profit of their channels for the dissemination of project results. UPF will attend the SEPLN annual meeting and will use flyers to disseminate META-SHARE and the different available META-SHARE nodes. UPF also considers the organization of a IULA event: "European Projects related to Applied Linguistics" where METANET4U will be presented.

5.2.2.A7. Propose national projects aiming at obtaining as much resources and tools in LRT as possible through different methods: from editing houses, blogs, forums, different text or speech providers, etc.

The partners are encouraged to propose national projects in order to assure METANET4U project's sustainability after the EU funding ends.

META features:

Feature	Description
<i>Responsibility:</i>	IST, UNIMAN, UAIC, UOM;
<i>Key Performance Indicators:</i>	One project proposed per interested partner;
<i>Status:</i>	Ongoing
<i>Priority:</i>	High

In February 2011, **IST** submitted a proposal to the Portuguese national funding agency FCT in order to collect speech from elderly people, European Portuguese speakers. This project called "AVoz" was accepted for funding and already began in January 2012 for 2 years. Both read speech and spontaneous speech are being collected, and the scientific objectives of the project aim at enhancing statistical phone-like acoustic models and language models used in Automatic Speech Recognition for elderly speech, known to be more challenging to transcribe automatically than younger adults' speech. The final elderly speech database is planned to be added to the corpora made available by IST. IST contacted the Microsoft Language Development Centre based in Lisbon in the framework

of the Avoz project since MLDC is also doing research in Elderly speech recognition, and took the opportunity to present METANET4U to the Microsoft speech group that showed interest in knowing about the final outcomes of the project and about the corpora that will be available via META-SHARE.

The National Centre for Text Mining (NaCTeM) at **UNIMAN** submits on average 12 projects proposals per year to national funding agencies, focussing on the development of tools and resources for different sub-domains. A recently started project is *Integrated Social History Environment for Research (ISHER) – Digging into Social Unrest*. The aim of the project is to enhance search over digitised resources for social history, through text mining-based rich semantic metadata extraction for collection indexing, clustering and classification. The project involves collaboration with the Raboud University Nijmegen in the Netherlands, using data on social unrest in both Dutch and English, including data from the BBC. Interoperability of the tools developed is a key objective of the project. The ongoing *Argo* project is developing a collaborative, web-based environment for building text-mining workflows. A large and constantly growing number of text mining tools is being integrated within the environment.

UAIC has submitted four national projects in the Ideas and Partnerships calls (May and October 2011), three fulfilling the selection criteria, one being ranked among the first and still waiting the financing decision and one approved and ready to begin. If approved, these projects will boost the language resources and the language processing capacities for Romanian to a similar level with the resources-rich languages in Europe. A larger description of one of these projects, *PROLIR* (Advanced Technology for Acquiring, Storing and **Processing** Romanian **Linguistic Resources**), and of its connections to META-SHARE, can be found in D5.1.

A similar project is ongoing in Malta. The Maltese Language Resource Server (MLRS) is a project coordinated by the Institute of Linguistics and the Department of Intelligent Computer Systems within the **UOM**, whose primary aim is to create and make available basic language resources for the Maltese language, as well as to develop natural language processing tools for Maltese. The corpus is being updated at the moment with the aim to be incorporated in the METANET.

6 Increase visibility within business and industry

6.1 Short task description (more details in D5.1)

This subtask undertakes targeted outreach actions directed to relevant national and regional socio-economic sectors and application domains.

6.2 Proposed strategies

6.2.1 Instruments

6.2.1.I1. Organize a coalition of national initiatives, each of which intended to support the acquisition of language data from local providers

See the comments on the section 5.2.1.I1 above.

6.2.1.I2. Create promotional materials / posters / flyers etc. about the project, specifically addressed to business/industry

See the comments on the section 5.2.1.I2 above.

6.2.2 Actions

6.2.2.A3. General awareness raising of LST

Wide-scale communication activities for industry need to be boosted: communication activities much reach out beyond research circles. This action concentrates on imagining and promoting possible applications on the basis of the technologies developed in university labs.

META features:

Feature	Description
<i>Responsibility:</i>	ULX, UNIMAN, UAIC, RACAI, UOM, UPC, UPF;
<i>Key Performance Indicators:</i>	one awareness event organised each year by interested partners; report no. of attendants and website traffic on the Metanet4U website following the event.
<i>Status:</i>	Ongoing
<i>Priority:</i>	High

In terms of general awareness raising of LT, the CLUL team of **ULX** will be approaching language related companies, like publishing houses with a strong profile for products such as dictionaries and school manuals to raise in these companies awareness to the opportunities that the multilingual, linked and standard compliant resources and tools of the network have to offer to this sector. The FCUL team will be approaching the two

Portuguese companies with activities clearly centred on language technology.

UNIMAN has contacts with several types of industries, i.e. publishers (Elsevier, Nature) and companies in the pharmaceutical sector (Pfizer, AstraZeneca) and software companies (Accelrys, IBM). These contacts provide opportunities to disseminate the latest language technology developments within industrial circles. Our involvement in the UKPMC project, which is adding text mining functionality to the UK PubMed Central literature search interface, provides further opportunity for engagement with potential industrial users.

UAIC will continue to organize the Bring IT on! Workshop, dedicated to boost collaborations between academia and industry. Industrial stakeholders will be invited to participate at this workshop, to gain awareness in natural language technologies and their potential for different public and/or private sectors. The initiative will be diversified in order to open it also towards publishing houses and media channels that would have to become the main providers of linguistic data.

In the past, **RACAI** participated regularly with posters and presentations in exhibitions and fairs organized with the purpose of exposing the Romanian research in the field to potential partners in the industry and it is intending to continue along this lines.

UOM intends to carry out an industrial awareness programme of activities for which we will enlist the help of Malta Enterprise, a Government agency responsible for the promotion of industrial development in Malta. It offers assistance and advice to those who seek to learn more about the multitude of business and investment opportunities available on the island. In Malta the companies most likely to benefit from the resources being developed within the scope of this project are: (a) Telecoms (Go Mobile, Vodafone, Melita Cable) who are interested in voice services as well as potential add-on services connected with SMS messaging; (b) Press, particularly local newspapers (e.g. Network Publications Ltd) where there is the possibility of exploring a variety of language-enabled web-services such as automatic classification, personalised article selection; (c) Publishers (in particular publishers of reference works such as Midsea Publishers) who have already shown interest in providing electronic dictionaries.

UPC, as coordinator of several world wide LR production projects, is in contact with industrial companies in the field of LR technologies: UPC will disseminate the results of the project through these partners.

META-FORUM 2012 and LT Innovate Summit were occasions to communicate with industrials and give them information about META-SHARE **UPF** node.

6.2.2.A4. Engagement in innovation and business partnerships

This action complements the awareness campaign of both 6.2.1.I1 and 6.2.2.A3: while both these instruments/actions are intended to find interested collaboration (among providers of LST – 6.2.1.I1 and among investors and/or industry – 6.2.2.A3), the action 6.2.2.A4 settles effectively collaboration links. We envision here different types of partnerships: memoranda of understanding, partnership contracts, research sponsoring documents, etc.

META features:

Feature	Description
<i>Responsibility:</i>	ULX, UNIMAN, RACAI, UPF;
<i>Key Performance Indicators:</i>	one collaboration relationship established between the interested partner (or members of that institution) and an industrial entity;
<i>Status:</i>	Ongoing
<i>Priority:</i>	Medium

In terms of engagement in innovation and business partnerships, **ULX** team plan to continue its goal of seeking to explore the innovation potential of the tools and applications developed so far. These efforts will seek to establish business partnerships with ICT companies, and they will be centred in its end to end Question Answering online service prototype XisQuê (<http://xisque.di.fc.ul.pt>), which is the only open domain QA system with published results and available online taking questions in Portuguese and searching answers in the web of Portuguese documents.

UNIMAN has engaged actively with the publishing industry. UNIMAN will leverage on past contracts with Nature. Current discussions with Elsevier are focussed on using text mining technology to suggest semantic annotations, shared across repositories, to the authors. Further collaboration with Elsevier has resulted in several of UNIMAN's text mining tools being made available on Elsevier's SciVerse Hub, in order to allow advanced searches to be carried out over academic literature. We are also engaging in discussions with IBM on health text mining aspects, to make further text mining tools and services available as UIMA components, accessible via U-Compare and also our new web-based workflow management system, Argo.

The NLP industry in Romania is in its infancy and most companies with potential interest in this area are aware about the Romanian academic

research. Most of the active local companies benefited and still benefit from scientific advice and counselling from **RACAI**. The partnerships already established with some big international companies (Microsoft, Orange, CISCO, HP, SAP) interested in resources and consultancy will be straightened. Recently, one of the biggest translation company (LanguageWeaver) created a Romanian branch in Cluj Napoca. This networking will be enforced.

UPF will conduct a mailing campaign for disseminating information about the resources available at the different META-SHARE nodes. METANET4U and META-SHARE will also be presented in any meeting with industrials. Companies included in the mailing will be, for example, Lingway, Incyta, Lucy Systems, Mediavoice España S.L., T6 Estàndard Lingüístic S.L., STAR Servicios Lingüísticos, Maxi Gramar S. L., SDL Granada, Telefónica I+D, Internet, multimedia y multilingüismo, InfoSpeech, Ta with you S.L., Autotrad, Verbio Technologies S.L., iSOCO Intelligent Software for the Networked Economy, The Bit and Text Company, AutomaticTrans, Code Factory S.L., Comunycarse, Enciclopèdia Catalana, S.A., Inèdit Software S.L., IBM – Espanya, Diana Teknologia, Adur Software Productions, Daedalus, Data, Decisions and Language S.A., Intelligent Dialogue Systems S.L., Prompsit Language Engineering, S.L.

6.2.2.A5. Invitation of business players to deliver invited talks at LST research events and conferences

It is well-known the tremendous impact that successful researchers belonging to reputed companies have on the public attending conferences or other scientific events.

META features:

Feature	Description
<i>Responsibility:</i>	ULX
<i>Key Performance Indicators:</i>	In average, one speaker per event organiser (interested partner) per year;
<i>Status:</i>	Ongoing
<i>Priority:</i>	Medium

The CLUL team of **ULX** will send invitations to key players from the business world to participate in the next conferences hosted by the institution till the end of 2012. The FCUL team, in turn, will be organizing a thematic event associated to the PROPOR-International Conference on

the Computational Processing of Portuguese, focussed on innovation and the business opportunities involving language and speech technology.

6.2.2.A6. Participate with promotional stands at national fairs in ICT, organise, jointly with industrial partners, special sessions at major conferences

Major ICT fairs are targeted by big companies, which could play roles of providers of LRT for our META-SHARE, but also important stakeholders for the META-VISION.

META features:

Feature	Description
<i>Responsibility:</i>	All partners
<i>Key Performance Indicators:</i>	one fair attended with a stand by each interested partner; report no. of press articles presenting the event, web statistics on the Metanet4U website after the events.
<i>Status:</i>	Ongoing
<i>Priority:</i>	Very High

In the Portuguese scene there have been ICT fairs though one cannot say there is clearly one such event that has become the reference event. These fairs have been organized occasionally, and in many cases if not all, not in a regular basis. **ULX** will be screening such type of events that may happen to be realized during the time life of the project, and hope to find opportunities to have a promotional stand there.

IST will propose to organize a specific topic on available language resources in Portuguese in the international annual conference on Portuguese language processing PROPOR.

UNIMAN is investigating participation in 2 events that will be held in London during the autumn of 2012, i.e., *TechWorld*, the UK's largest technology event, and *Translating and the Computer*, which targets translators, researchers and students in the translation and localization field.

UAIC plans to be present at Venture Connect, an industrial fair annually organised in Romania.

UOM plans to participate in national conferences and fairs about language resources and computational linguistics.

Since there seems to be no ICT exhibition in Spain that UPC and UPF could attend, **UPF** will participate at the ICT Industry Day to be held in UPF premises.

6.2.2.A7. Use Enterprise Europe Network

The European Union has build a network specialized in the transfer of knowledge between industry and academia, named Enterprise Europe Network. This network has contact points in all EU countries, and regional websites listing offers/demands of innovation technologies and/or products, as well as other support actions. We envisage contacting these national contact points and see if they can help us advertising the technologies in META-SHARE.

Since this is a new activity, not mentioned in D5.1 Action Plan, the META features are presented below:

META features:

Feature	Description
<i>Addressee</i>	Enterprise Europe Network
<i>Examples:</i>	Contact points on http://portal.enterprise-europe-network.ec.europa.eu/
<i>Relevance</i>	Medium
<i>Message</i>	Negotiate possible support
<i>Attention</i>	Present META-SHARE available technologies;
<i>Credibility</i>	show professionalism, demonstrate achievements
<i>Intended action by addressee</i>	listing on their websites offers/demands of innovation technologies and/or products from META-SHARE;
<i>Motivation</i>	Use the EU's mechanisms;
<i>Responsibility:</i>	All partners
<i>Time:</i>	M18-M24;
<i>Key Performance Indicators:</i>	Contact national points and place META-SHARE technologies on Enterprise Europe Network's regional website;
<i>Status:</i>	New
<i>Priority:</i>	Medium

Instruments: META-SHARE demonstrations

6.2.2.A8. Use a professional PR company to design a marketing campaign fitted to all the partners

Following the reviewers' suggestions, we will investigate PR companies' terms and condition and what they can offer to help us disseminate the project to the business sector. The contract should be drafted so that they target major news agencies on each of the partners' countries, and that international action are taken in a way which does not break the agreement with T4ME. We should find a way to divide the costs of hiring such a company between all partners in the consortia.

Since this is a new activity, not mentioned in D5.1 Action Plan, the META features are presented below:

META features:

Feature	Description
<i>Addressee</i>	big PR companies;
<i>Examples:</i>	Weber Shandwick;
<i>Relevance</i>	High
<i>Message</i>	Teach us how to better disseminate the project towards the industry
<i>Attention</i>	META-SHARE demos;
<i>Credibility</i>	show professionalism, demonstrate achievements
<i>Intended action by addressee</i>	Compile a marketing plan; press releases for each language involved, search engine optimisation, banner campaign, signalistics etc.
<i>Motivation</i>	better exposure in the international market, direct contact with the research academic circles;
<i>Responsibility:</i>	UAIC, all partners
<i>Time:</i>	M16-M24;
<i>Key Performance Indicators:</i>	A complex communication and public relation strategy specially designed for each country of the partners; a marketing campaign dedicated to the business sector; at least one press release in each language of the partners; at least one promoting video in each language of the

	partners; 10 articles about META-NET in high impact national media of each partner; at least 100.000 visits on the project's webpage.
<i>Status:</i>	New
<i>Priority:</i>	Very High
<i>Instruments:</i>	demos/posters/flyers/press releases

UAIC will start searching for PR companies and present a draft contract.

All partners will discuss the contract, the offered and the required conditions, the possibilities of splitting the costs, and contribute to deciding the best company to be hired.

7 Enhance awareness in society and government

7.1 Short task description (more details in D5.1)

The activities planned in this subtask are targeted at raising awareness, informing and mobilizing the relevant national stakeholders and decision makers at the national level, namely government bodies, R&D funding agencies, language councils or other relevant public bodies and initiatives.

7.2 Proposed strategies

7.2.1 Instruments

7.2.1.I1. Identify key possible collaborations

See the comments on the section 5.2.1.I1 above.

7.2.1.I2. Create promotional materials / posters / flyers etc.

See the comments on the section 5.2.1.I2 above.

7.2.1.I3. Increase Website attractiveness

Following the initial network agreement, to avoid proliferation of potentially confusing channels, the individual projects of the META-NET network agreed to use only one website, the one of META-NET. In accordance to this agreement, the METANET4U project has maintained a lean webpage making available just a project key data sheet during the

first year. Given the recommendation in the annual review report, for a more visible presence in the web, this webpage is going to be expanded to become a website. The site should allow for web statistics such as a history of traffic to measure variations before and after a specific dissemination event, geographical grouping of visitors etc, but also to give users the possibility to subscribe to an *rss* feed to receive updated news.

Since this is a new instrument, not mentioned in D5.1 Action Plan, the META features are presented below:

META features:

Feature	Description
<i>Target</i>	Public at large
<i>Examples:</i>	Every possible interested participant to the awareness sessions or reader of LWP.
<i>Responsibility</i>	FCUL, all partners
<i>Time</i>	M12-M18
<i>Key Performance Indicators:</i>	Web traffic statistics
<i>Instruments:</i>	Use Search Engine Optimisation techniques; update info on the website wrt. Dissemination and events.

ULX will revise the webpage into website content and consider introducing web traffic statistics on the Metanet4U website.

All partners are then required to use this website in their dissemination, in order to be able to track the impact of different dissemination activities over the number of hits.

7.2.2 Actions

7.2.2.A4. Disseminate language reports

The language whitepapers (LWP) should be actively used for communication purposes in order to maximise the return on investment (which was substantial for their production).

META features:

Feature	Description
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<i>Responsibility:</i>	All
<i>Key Performance Indicators:</i>	At least 50 copies of the language reports reached the addressees and some feedback is received; monitor website traffic surrounding the dates of LWP delivery.
<i>Status:</i>	Ongoing
<i>Priority:</i>	High

All partners should actively disseminate the language whitepapers to stakeholders and decision makers, in order to negotiate a better support for language technologies in their countries. In addition, the University of Vigo (UVIGO) and the University of the Basque Country (EHU) will contribute to disseminate the Galician and Basque LWPs within their areas.

7.2.2.A5. Large dissemination of META objectives/activities/events in mass media and over the Internet

Acquiring a large favourable opinion on the objectives and actions of our project and the METANET consortium is of great importance. Possible channels to influence public opinion are: the written press, the television, and the internet. Social sites as YouTube, FaceBook, Twitter, etc. have recently become extremely influential in publicity, and should be explored by creating national IDs for each country.

META features:

Feature	Description
<i>Responsibility:</i>	all;
<i>Key Performance Indicators:</i>	(example): positive feedback on blogs associated to TV channels and/or on the online-exposed newspapers/magazines;
<i>Status:</i>	Ongoing
<i>Priority:</i>	High

At **ULX**, the CLUL team will focus on raising awareness and support in society by disseminating the META-SHARE distribution platform to institutions with an important role regarding language policy and support and with a strong presence online, like the Fundação Calouste Gulbenkian

and the ICA-Instituto Camões. Additionally, the general public will be addressed as well. The FCUL team will focus on attracting the attention of the press and the media in general, with special focus on publications or programs specifically devoted to science and technology, to the METANET network, to their messages and to their strategic goals.

At national and international level, project information and news will be published on the Special Interest Group on Iberian Languages (IL-SIG) web page. Specific links to Portuguese databases and related will appear on their home page of their research group Web site. **IST** will focus on disseminating METANET results towards society as well by using the video canal on YouTube and by advertising the available language resources with the contacts they have in mass-medias such as the RTP national radio.

UNIMAN has a dedicated page on the NaCTeM website describing METANET providing appropriate links and publications relating to the project. The NaCTeM website additionally has regularly updated news items which are displayed on the homepage. We post relevant news items relating to METANET, and will continue to do so. News snippets are also communicated via our NaCTeM Twitter and LinkedIn accounts, which allow information to be disseminated to a variety of users. Additionally, we use mailing lists such as CORPORA-LIST and BioNLP to keep different NLP research communities informed of relevant developments. Prof. Ananiadou has been interviewed several times to provide input for magazine articles.

UAIC and **RACAI** will disseminate the results of the project on the Web and in written, visual and audio press by keeping a continuous open channel with the Romanian mass media.

At **UOM**, articles and videos focusing on disseminating the METANET results will be produced and published on METANET4U Malta website and its Facebook page.

UOM already made contact with the media in the first year and advertised the META-FORUM 2011, the results for the Language White Paper for Maltese and announcements for the papers submitted or/and accepted to different conferences. The first video published was an extract from the *Maltese and the digital age: Developing electronic language resources for the Maltese Language* – 3 June 2011, where Mr. Mike Rosner gave a talk on META-NET and METANET4U project.

Local Newspapers will be contacted to organize interviews with our researchers with respect to the ongoing project. The project objectives and results will also be advertised with Campus FM 103.7.

UPC will consider the creation of a scientist Blog for METANET4U, seeking to provide a forum for discussion and communication of scientific research.

UPF has started contacts with relevant experts to disseminate the open licence resources UPF has gathered through the OPENDATA channels.

7.2.2. A6. Propose a parliamentary initiative for the collection of all published materials on a secured portal, where data can be used for academic research on the language

In many countries a "legal deposit" law is in use. It obliges all providers of printing materials (editing houses, physical or juridical persons which print documents for public, recording houses and studios, the National Bank, the State Mint, the National Post, etc.) to send a number of copies of each printed item intended for distribution to a national library (which could be one physical unit or a consortium of libraries) for long-time preservation. Although the horizon of media production changed dramatically in the last years, to our knowledge, there are only very timid trials for improvement of the juridical aspects.

The success of such an initiative at national level depends very much on a large concentrated vision. Our proposal is to express a concerted willingness towards such a legislative initiative, and to arrive to a common position on this issue. If some partners would go as far as studying legislative and technical aspects for the implementation of such a law, before being put in the hands of a representative of the Parliament, then all the other members of our consortium would benefit from this already achieved investigation. A strategy of this kind should make easy the elaboration of the law in our countries.

META features:

Feature	Description
<i>Responsibility:</i>	UNIMAN, UAIC, UOM;
<i>Key Performance Indicators:</i>	the project of the law is elaborated; the technical, juridical and social constrains and consequences are analysed; its feasibility is justified;
<i>Status:</i>	Ongoing
<i>Priority:</i>	Low

UNIMAN submitted a contribution to the Independent Review of IP and Growth, set up by the UK government ("Hargreaves Review" after the chairman) <http://www.ipo.gov.uk/ipreview.htm>. The review's aim was to identify barriers to growth within the IP framework and to determine whether UK IP law needed to be changed. More details on this submission can be found in D5.1. In August 2011, the Government responded to the Hargreaves Review by broadly accepting the recommendations and

committing to bring forward policy proposals in due course. The Government published its Consultation on Copyright on 14 December 2011. As part of this process the Intellectual Property Office (IPO) hosted a series of events in London and across the regions to encourage interested parties to give their views on the Government's proposals. In June 2012, a document was published summarising what respondents to the Consultation have said on each of the proposals.

On 11th June 2012, an "Early Day Motion" in the House of Commons resulted in the House welcoming the recommendations of the Hargreaves Review of Intellectual Property. In particular, the House believes that copyright exceptions proposed by Professor Hargreaves in relation to text and data mining could facilitate significant advances in medical research.

UAIC plan to foster a Parliament initiative which would provide access for research purposes to all textual resources that are printed for public use in Romania, without harming in any way the intellectual and commercial interests of the authors and providers of textual resources.

UOM plans to establish contacts with the Parliament, local Councils and newspapers to contribute their texts to a central Maltese corpus for linguistic research.

In the first year, UOM negotiated and obtained approval from the Ministry of Justice in Malta to use the Laws of Malta corpus, which was uploaded as an exogenous resource for Batch 1 in December 2011.

UOM also achieved to sign a Depositor's Agreement with the Maltese newspaper ILLUM, in order to use its content for META-SHARE. The resource was uploaded with Batch1.

7.2.2.A7. Contact decision-makers in order to negotiate possible support for LRT

A clear delimitation of the domain of language and speech technology and its financial support is compulsory for boosting the education in the domain and in acquiring means to support the research. We want to develop persuasion methods to be used on politicians and other governmental bodies in order to sensibilise them to support the domain on LST in general and projects similar to ours, in the future, in particular.

META features:

Feature	Description
<i>Responsibility:</i>	ULX, IST, UNIMAN, UAIC, UOM, UPC, UPF;
<i>Key Performance</i>	The general research goals of the field clearly identifiable in project calls; funding secured;

<i>Indicators:</i>	
<i>Status:</i>	Ongoing
<i>Priority:</i>	Medium

The FCUL team from **ULX** will focus on raising awareness and support from authorities. In Portugal, strategic R&D funding is mostly driven by governmental bodies and the two relevant funding organizations for the LRT sector are the national funding agency FCT and the special task force for the society of knowledge UMIC. The CLARIN project, and the a propos contacts entertained, has been providing a good stepping stone to leverage the awareness to LRT before top responsible at these bodies, and this will be explored to further raise awareness for the METANET contribution for the technological and commercial dimension of LRT. The CLUL team will explore their privileged networking with the private sector foundation, the Gulbenkian Foundation, to raise awareness and enhanced willingness to support multilingualism and language resources and technology. Additionally, along the same reasons and objectives, the public Portuguese body devoted to the policy of language, ICA-Instituto Camões, will be also addressed.

IST will promote the results of METANET towards government entities, in particular towards the national funding agency FCT.

NaCTeM at **UNIMAN** intend to contact relevant decision makers to assure the adoption and implementation by the UK Government of the recommendations of the Hargreaves Review on IP and Growth. More details on this activity can be found in D5.1.

UAIC intends to enhance the opinion of stakeholders and decision makers towards our domain by actions such as the coordination with European level research for proving that foreign success stories in the language technology field can be imported locally.

In Malta the relevant stakeholders in Government include the Department of Education and a number of Independent schools that are responsible for primary and secondary education. Areas to focus for **UOM** thus include the potential for language-enabled tools in the curriculum for language teaching and related areas. Another area that is ripe for language technology is in the delivery of health care through general practice and in hospitals and clinics. There are already a number of groups making use of web services and our strategy in the first instance would be to contact them first. Multilingual language technologies also have a special role to play when it comes to Malta's special problem of irregular immigration, the relevant Government services being the Commission for Refugees and the immigration authorities.

Spanish local Governments in bilingual regions (Galicia, Catalonia and Basque Country) strongly support the creation of Language Resources and improve research in language technologies. The existence of an initiative in Europe that promotes all the activities related with Language Resources will make it easier to persuade the local Governments to prioritize this research area and, consequently, the funding devoted to this area. **UPC** plans to pursue and increase our contacts with our network of decision makers in this area in close collaboration with University of Vigo (UVIGO) and the University of the Basque Country (EHU).

UPF has started contacts with the Catalan government. Both the Language Policy Department and the Research Department have been supplied with information about META-NET aims and METANET4U initial results (Language Reports, META-SHARE node, etc.) during different meetings. However, the current economic situation does not make us expect Generalitat de Catalunya, nor Spanish Government, to be possible funding sources.

8 Sustainability plan outline

The plan for the sustainability of the results of the project is planned to be delivered in M24, as part of the last deliverable of WP5, specifically aimed at being the vehicle of this plan, namely the Deliverable D5.5.

Following the recommendation concerning sustainability issued in the annual review report of the project, but also in the review reports of the sister projects CESAR and META-NORD in the META-NET network, the work towards the definition of such a plan was started since then, involving the four projects in the project in the common undertaking of seeking for a coordinated first draft of the sustainability plan.

This work was pursued in a number of meetings where the coordinators of the four META-NET projects participated, together with the coordinator of the META-NET network, the responsible for META-SHARE platform, and the ELRA Secretary General.

A common position was shared by these participants that support for sustainability shall be sought to secure the results of the network and the continuation of its activities, where possible, by seeking for alternative funding sources, both at national and international levels, as described above in section 5.2.2.A7.

Crucially, it was shared also, as a key common position, that the sustainability plan should consider in the first place less contingent measures for the sustainability of META-SHARE platform, in particular, through the concerted efforts of the project partners.

In this direction, the following actions are considered:

- for the META-SHARE repositories of LRs setup by the project, the partners can continue, on a best effort basis, to host these repositories and serve as META-SHARE nodes for a period of at least 2 years;
- likewise, and under similar level of possible commitment, on a best effort basis, partners may continue to provide technical and/or user support services, software-based and/or human services for a period of minimum 2 years;
- they can continue to improve the existing tools and resources on the local META-SHARE nodes;
- they can also add new tools and resources to the local META-SHARE nodes for covering the most required services;
- they can connect with the open data community, through platforms such as e.g. Voxforge for speech data, in order to increase the visibility of the published resources and tools outside the META-SHARE network;
- they can include the tools and resources onto a hierarchy of formats that would make possible automatic computation of processing flows (by implementation of the ALPE strategy developed at UAIC, for instance); we envisage also the development of a complete inventory of annotation schemes, by studying the resources harvested by the LREC-2012 resource-map campaign;
- they can establish a network of cooperation relations with mass-media and publishing companies based on bilateral agreements: receive linguistic data and offer services.
- they can approach topics related to interoperability in multilingual contexts within the META-SHARE environment, having experience in modeling interoperable processing workflows dedicated to language processing applications.

As first steps, two lines of actions have been undertaken in parallel. The partners who have responsibility for core tasks of platform development and legal setup, and who have a larger experience in supporting LRT users and distributing LRTs, were asked to gather an estimation of the minimum level of effort and resources required to maintain the platform in operation. Additionally, all partners from the META-NET projects, and all network members in general, were asked to signal their willingness to continue supporting META-SHARE by maintaining their local nodes operational.

In order to find a sensible common ground that permits to work out a meeting of the needs and offering thus elicited, the time horizon put into

consideration was a period between 18 and 24 months after the end of the META-NET operations, in January 2013.

While these two lines of development have been undertaken, the pillars of a common sustainability plan have been unfolding in a very promising direction. This coordination and planning effort towards the common sustainability of META-SHARE has started already, and a major outcome of it has already announced at METAFORUM, in June 2012, with ELDA disclosing the decision of its Managing Board of adopting and basing its entire operation in the META-SHARE platform.

All these are promising elements that allow envisaging the eventually drawing of a consistent and successful fully fledged sustainability plan by M24.

9 Dissemination activities performed in the first year

Comparative table of the dissemination activities executed by partners and by activity

Activity	FCUL	IST	UNIMAN	UAIC	RACAI	UOM	UPC	UPF	Figures represent...
European Day of Languages	1	0	1	0	0	1	0	1	
Promote METANET in LST and non-LST events *	3	1	4	8	3	1	0	0	paper/demo/ talk etc.
Invited Talks*	1	0	2	1	1	1	0	0	
Accepted papers	0	1	2	6	2	0	1	0	
Submitted book chapters	2	0	0	1	0	0	0	0	
Organize awareness events for LST and non-LST researchers	0	0	0	1	0	3	0	0	events
Disseminate among students	2	0	1	2	1	5	0	0	dissemination session
Disseminate in national networks	1	1	1	1	1	4	1	2	sending flyers, face-to-face dissemination for LWP, presentations, collaboration memoranda

Deliverable D5.3: Action plan updated

Propose national projects	2	0	0	2	0	0	0	0	0	project proposed
General awareness raising events for industry	0	0	0	0	0	0	0	0	0	awareness event
Engagement in innovation and business partnership	1	0	0	0	0	0	0	0	0	MoU, collaboration convention etc.
Invite business players to give invited talks	5	0	0	5	5	1	0	0	0	talks
Participate at national ICT trade fairs	1	0	0	0	0	0	0	0	0	fair attended
Local (inside institution) dissemination	1	0	2	1	1	3	1	1		
Disseminate language reports	1	0	1	1	0	8	5	1		LWP distributed, feedback received (for planned) vs. no. of articles introducing LWP (for executed)
Disseminate in mass media and Internet	6	0	4	1	1	9	5	1		articles in media
Propose a parliamentary initiative	n.a.	0	0	0	0	0	0	0	0	propositions
Contact decision-makers to negotiate support for LRT	0	0	0	0	0	0	0	0	0	MoU, convention, funding etc.

* Invited talks, accepted papers and submitted book chapters are all included in the D5.1 Action Plan as “Promote METANET in LST and non-LST events”. The executed figure represents the sum of the three sub-criteria.