REGNET-IST-2000-26336
Trimonthly Report

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Objective	Trimonthly Report				

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1   Identifications

The list of active tasks in the reporting period, with the involved partners (the Task Leader in bold type) are detailed.

Task	Task Description	Involved Partners	Start Date	End Date
2.3xt	Set-up of the Legal Framework and Partnership Model (Extension)	**AIT** IAT ICCS TINC	2002-04-01	2002-09-30
2.5xt	Market Preparation (Extension)	AIT ONB **IMAC** TARX ICCS TINC	2002-04-01	2002-09-30
3.1	Validation of the REGNET-Demonstrator	AIT ONB **IMAC** SUL LMG NRM KVA TARX MECH MUS ALI IAT GRAN ICCS ZEUS VALT	2002-04-01	2002-08-31
3.2	Preparation of the Demonstration Phase	AIT ONB IMAC SUL LMG NRM KVA TARX MECH MUS ALI IAT GRAN ICCS ZEUS **VALT**	2002-04-01	2002-08-31
3.3	Implementation of the version 2 of the REGNET system	AIT SR IMAC TARX MOT **ZEUS** SI CERT VALT	2002-04-01	2002-08-31
4.1	Execution of the demonstration phase	AIT ONB IMAC SUL LMG NRM KVA **TARX** MECH MUS ALI IAT GRAN ICCS ZEUS VALT	2002-07-01	2003-02-28
4.2	Refinement of the system and services	AIT SR TARX MOT ZEUS SI CERT **VALT**	2002-07-01	2003-02-28
5.1	Development of a Technology implementation plan (draft)	AIT **MOT** SPAC CC IAT ZEUS VALT TINC	2001-04-01	2002-03-31
5.2	Development of a Technology implementation plan (final)	ONB IMAC TARX MUS **MOT** CC ICCS VALT	2002-04-01	2003-03-31
6.1	Information Dissemination	AIT ONB SR IMAC SUL TARX MUS MOT **SPAC** CC IAT ICCS ZEUS VALT TINC	2001-04-01	2003-03-31
7.1	Project Management	**AIT** ONB SR IMAC SUL TARX MOT SPAC IAT ICCS ZEUS SI CERT VALT TINC	2001-04-01	2003-03-31
7.2	Quality Assurance	**MOT**	2001-04-01	2003-03-31

2   Achievements

Task	Achievements
2.1.1	**Cataloguing and Digitising**
	MUS Data was entered in the portal, e.g. Profile, Collections and Events. The data for the topic maps were further elaborated.
2.3xt	**Setup of the legal framework (Extension)**
	AIT Development of internal rules and logo design for the Cultural Service Centre Europe EEIG. Preparation work for the entrance of new members to the CSC Europe EEIG. Research on international cooperation agreements for public institutions.

Task	Achievements
2.5xt	**Market Preparation (Extension)**
	AIT Contribution to the market analysis: analysis of competitors, their services and products, comparison of their offerings with REGNET. Definition of REGNET strengths. Outlining of the USP for the REGNET services. **IMAC** Refinement of marketing strategy on the basis of partner contributions, synthesis and coordination. General task management.
WP3	**Validation of the REGNET-Demonstrator and preparation of the Demonstration Phase**
	IMAC Preparation of D7-reporting: structure, evaluation of IR 3.2 and IR 3.3 (contributed by the responsible partners in order to integrate), collection of contributions for the overall report D7 (to be finalised during the next period).
3.1	**Validation of the REGNET-Demonstrator**
	ONB Extensive functional and usability tests of data generation tool and e-publishing tool performed; 8 heuristic usability tests ("card sorting") performed. Revision of German translation of REGNET prototype interface contributed; Data entry scenarios for third party usability tests drafted; (all results and files mailed to task leader IMAC). Content Project Team Group Meeting in Mechelen/Belgium (02.-03.09.2002), dedicated mainly to validation issues, prepared and attended. **IMAC** Task management: information of partners, coordination of tasks and responsibilities, collecting and merging contributions, guidance for practical work, establishment of the forum as internal knowledge base (opening of new topics, contributions). Refinement/finalisation of test material on the basis of comments given by (content) partners (e. g. test cases, criteria catalogue for heuristics, questionnaire for usability testing) and test guidelines to start the testing. Collecting and merging test results (test reports for the different components, recommendations for usability improvement) and carrying out own functional tests. Preparation and attendance of Project Team Group Meeting PTG 13 in Mechelen (2002-09-02 - 2002-09-03) (Comment: The meeting was assigned to WP 3.1 due to the restriction to the content group and the intensive handling of remaining validation issues). Preparation of IR 3.1 (2nd version, integration the first test results on the basis of the prepared test reports). **SUL** SUL tested and validated the REGNET demonstrator. Views on the catalogue has been submitted to the developer. Especially the local catalogue has been tested and considerable work has been done to improve the SUL records in the catalogue. Each record has been checked and corrected. Duplicates have been removed etc. **KVA** Validation of Regnet demonstrator. We have tested and evaluated the functions of the Regnet system. We have used the system to correct the uploaded information. Duplicates have been removed, missing records have been added, and so on. There are still some problems with the system and with missing records. **TARX** Based on the evaluation of the MECH collection within the REGNET system, a new methodology dedicated to a specific end user view was set up with MECH for the export function of the collection management data of MECH from the ADLIB system to the REGNET data structures. The e-Publishing example of the "Faydherbe" case based on Macromedia Director and Regnet data was positively validated. Further working out of this Faydherbe case was decided, together with the study of Internet compliant versions. The multilinguality evaluation of the different modules revealed some inconsistencies: e.g. mixing of languages on some screens, debatable translations of some terms, missing individual translations. Another iteration has to be performed based on demonstration sessions.

Task	Achievements
3.1 cont.	**MECH** A new revised methodology, dedicated to a specific end user view, was set up with TARX for the export function of the collection management data of MECH from the ADLIB collection management system to the REGNET data structures. A full validation was carried out of the search functions of the REGNET system on the MECH collection in the REGNET database. A corresponding report was delivered. For topic maps the Saints example was used to validate the data entry concept of topic map generation. Reporting was done to TARX, also containing the full knowledge layer of the currently envisaged domain treated by the Saints topic map for demonstration purposes. Support was given to the multilingual validation of several modules of the REGNET system. **MUS** For Multilinguality several reports were made and discussed with the other partners involved in this task. Bundles_MUS; DataEntryTranslation_v01.DUTCH1; Multilinguality_consistency_report_MUS; A contribution was made to D7. RN_CONTRIBUTION_D7_MUS. Functional test were carried out for the Auction tool resulting in a overall test report: High-level-auction-MUS and several bugreports, numbers 1-7: issues_reporting_regnet_MUS-AUCTION1. Functional test were carried out for the E-shop tool resulting in a overall test report: high-level-e-shop_TEST_MUS and several bugreports, numbers 1-13: issues_reporting_regnet_E-SHOP_MUS1. The E-shop was further tested by entering deliberately wrong information. This resulted in 8 "Monkey-test" reports: issues_reporting_regnet_auction_monkeytest_MUS1 Additionally suggestions were made for a new set of shop categories: E-shop_categories_suggestions-_MUS. Functional test were carried out for the Procurement tool resulting in several bugreports, numbers 1-5: issues_reporting_regnet_pcm_procurement_MUS1. Functional test were carried out for the Data Entry tool resulting in several bugreports, numbers 1-6: issues_reporting_regnet_DATA-ENTRY_MUS1. For the portal two E-Sort tests were carried out. For the Usability tests on the E-shop and the Auction tool two scenario's were developed: Usability_test_form_E-shop_draft_MUS; Usability_test_form_Auction-_draft_MUS. Museon contributed to the Regnet Usability index: regnet_wui_draft-REMARKS-MUS. **SPAC** Technical test of Regnet components: test has been carried out on Reference system. Document with test results has been delivered to the task leader. **ALI** Usort Documents: 2 files had been generated regnet_professional_ALI_minelli_01.esd. regnet_user_ALI_minelli_01.esd. Location: http://regnet.alinari.it/test/RN_USort_ALI.zip Documents: Incidents reports: RN_TPCalreadyexist1_ALI.doc. RN_TPCdisappearing_ALI.doc. RN_TPCdoublereport_ALI.doc.RN_TPCnodelete_ALI.doc. RN_TPCnounderstand_ALI.doc.Location: http://regnet.alinari.it/test/RN_TPCincident reports_ALI.zip file generated by the TPC tool: current1.xtm.xml. Report about the tests made: issues_reporting_regnet_ALI1.doc. Mechelen meeting's desks summary. broken link report referring: Root URL: http://garonne.toulouse.valtech.fr:8082/regnet/Web/regnetPortal.htm. Document: broken link report for September 18, 2002 104805.htm **CC** Consorzio Civita during this period has concentrated its effort on Task 3.1, developing several tests related to the validation process of the Regnet portal and its components.The work to CC has been assigned by the Regnet coordinator during the Sofia. The main task assigned and completed by CC, according to the general comments reported in Mechelen, are the following:- Functional Tests on Search & Retrieval Tool. The goal of this test was to verify a proper data acceptance, processing rules as well as retrieval and navigation processes. S&R Tool has been tested at www.digipark.at/test, by three different CC expert personnel (2 assigned to Musei Capitolini and 1 assigned to Museo degli Argenti) fulfilling the template given by Regnet coordinator and processing several bugs' reporting. CC experts have tested not only the simple search functionality but even the multiple search tool, producing separate analysis. Beginning of July (0,35 PM)- Functional Test on Topic Map Generator Tool. TMG has been tested at http://160.40.50.22:8800/servlet/org.regnet.ontology.XTMLoader, by three different CC experts (all of them assigned to Musei Capitolini), developing specific analysis on methodological process applied on it, and outlined specific differences between Knowledge systems and Ontology management systems. Specific reporting analysis has been provided on granularity definition and hierarchy approach as methodological approach to reach a homogeneity in the ontology definition and production. July (0,35 PM)- Usability Test on Regnet Portal & Card Sorting. Heuristic Tests on RN Portal has been tested on http://garonne.toulouse.valtech.fr:8082/jetspeed/portal by three CC experts (1 web master and 1 content manager assigned to Musei Capitolini and 1 content manager assigned to Museo degli Argenti) according to the selected questionnaire personalized in Sofia

Task	Achievements
3.1 cont.	**CC**
	Heuristic Evaluation has been carried out selecting a "representative" set of pages, producing not only an impression of usability but also a clear list of errors occurred in checking the portal. Moreover, two card sorting tests have been produced by two CC experts (one from Musei Capitoloni and one from Museo degli Argenti) in order to evaluate the logical cluster aggregation of the functions available in the portal.
	End of July (0,30 PM)- Integrity check and Quality control. The goal of this test was to assure that the "contents" are "well-prepared" and that them meet the quality expectations of the content providers (Musei Capitolini and Museo degli Argenti). More precisely the Content Integrity Check ensures that the data is entered (converted / uploaded) and presented correctly, while the Content Quality Check is the check of content in the system compared to quality criteria. E. g. content readable and correctTest of own databases/applications. One representative of Musei Capitolini and one representative of Museo degli Argenti have checked the quality and integrity level of our own data and have changed them accordingly modifying the contents directly from the portal, accessing it at http://csc000.cscaustria.at/themes. Beginning of August (0,40 PM) -Preparation and presentation of the results to the Mechelen meeting, where specific other validation test has been assigned to all the Regnet Content Providers. September (0,05 PM)
	Analysis and first study of the tool to be checked by CC, according to the work assigned during the Mechelen Meeting. September (0,05 PM)
	IAT
	Realization of "Card Sorting Experiments" at request of IMAC.
	GRAN
	Validation of the REGNET-Demonstrator. The main task of GRAN was to test different parts of the REGNEG website, in the Demonstrator phase. Our scopes were: e Publishing, e-Shop, PCM, Procurement and Auction.First of all we made the Car sorting tests, and afterwards we started with the rest of the tests. The number of contributions that we have provided, have been as follows:- E-Publishing: Four contributions– e-Shop: Three contributions– PCM: One contribution– Procurement: One contribution– Auction: Six contributions
	ICCS
	Functional test of the Portal http://garonne.Toulouse.valtech.fr:8082/jetspeed/portal has been performed for Bulgarian Russian, English. Checks for the functionalities of E-shop, E-Procurement, Virtual Tour , Forum and the links towards the subsystems Search & Retrieval, Education and Research, Auction identified bugs , most important lacks and properly operated functions.
	The results and the prepositions have been directed to the responsible leaders. Functional tests have been done to Search & Retrieval subsystem on the address: http://csc000.cscaustria.at . Predefined scenarios and test cases have been followed. Selection of different categories were applied as type, date, properties, relations, creator, publisher, place, format, context, photo, text, criteria. The most important tasks and bugs have been estimated as the properly operating functions. The results and the conclusions have been directed to the responsible leaders. Tests of Auction subsystem have been related to the functions registration, view, play, future auction, inserting objects, current state. Suggestions, concerning the editing process, image size and shape adaptation, spelling errors and lacks notations were identified. The results and the conclusions have been directed to the responsible leaders. Usability testing has been performed to Portal and Search and Retrieval Subsystem. The Usability test for the Portal has been addressed to 5 user groups: developer, administrator, visitor, artist. Options for the members of each group with high, medium and low level of experience with PC and Regnet system have been analysed. The usability test for Search and Retrieval has been done by one user group. Answers from the User questionary for the portal and search subsystem have been collected and analysed. Card sorting test has been performed. Appropriate installation of the software tools have been done.
	ZEUS
	Validation of the REGNET demonstrator: The following subsystems were validated by ZEUS Consulting S.A.: E-Shop, Auction System, Product Catalogue Management, E-Business;
	VALT
	Management of technical test (unit test). Redaction of synthesis document
3.2	**Preparation of the Demonstration Phase**
	AIT
	Work on data for thematic text contributions and collection data. For each kind of data following proceedings were necessary: analysis of data structure, mapping of data into REGNET structure, definition of XSL, test of transformation, set up of database and internet application, import of data, test of database.

Task	Achievements
3.2 cont.	**AIT**
	Particularly for the thematic text contributions work on data itself was necessary e.g. wrong image names in links, …In addition we developed a way to process thematic text contributions delivered in Word table format and we gathered experiences in processing contributions in Excel format.
	Data integrated during this period in collection databases: LMG, ICCS, SUSU, SUL
	Data integrated during this period in thematic text format: ARG, MC, SUL, ONB, MECH, MUS, TARX, GRAN, KVA
	Permanent work for maintaining all databases of REGNET, e.g. updating code for application, helping partner with their problems concerning the data/application, refinements in interface display options, adding XSLs in order to display the search result in HTML..
	General development on the data structure.
	After the Mechelen meeting partners sent us their results of data integrity check. These results were the basis for correction done by AIT.
	Development of a first version of the services provided by REGNET and preparation of the test-bed phase.
	ONB
	Together with AIT: Refinement of the REGNET prototype for ONB's picture archives commercial ordering system (Storyboarding, Testing, bug reporting). Use of REGNET data generation tool in ONB internet project and further refinement of tool. (all results and files mailed to technical partner AIT)
	IMAC
	Research & discussion of naming for a later CSC for German-speaking countries. General strategical work and discussion within the CSC EEIG group. Evaluation/installation of single components for the future operation of CSCs. Definition of a revised product and service portfolio of the CSCs. Attendance of strategical and technical CSC EEIG meeting Graz (2002-09-21 -2002-09-23).
	SUL
	Preparation of the demonstration phase Staff has been instructed and planning of demonstration material has started.
	LMG
	Organizing the "saints" and "shop" databases.
	KVA
	Preparation of demonstration phase. By validating the system we prepared the demonstration phase. Together with SUL we are planning for common efforts in preparing the demonstrations.
	TARX
	The Faydherbe production was substantially extended with more theme related content and an English version besides the Dutch version. Also the specific use of the Lingo scripting language within Macromedia Director was introduced for easier navigation and better multimedial effects. A first set of workflow descriptions for topic maps and e-Publishing was set up together with their integration into the wider REGNET context. Guidelines were published to use the topic maps and e-Publishing tools.
	MECH
	Additional items (texts, images and music) were delivered for the production of the Faydherbe interactive city guide (e-Publishing). Study and delivery of a set of search scenarios for the search and retrieval usability testing.
	ALI
	Separate meetings with other partners. 1day meeting with CC in Florence to discuss about the tests and to solve questions arose during the tests execution. Italian Procurement translation.xls (translation of 72 web phrases).´
	IAT
	Training and testing of the tools.
	GRAN
	Preparation of the Demonstration Phase:- We have designed with TARX the topic Map that concerns to the GRAN's collection of emerging art: INcívics. It's in a demophase. We are editing the database of GRAN. We have remade the Institution's profile of GRAN, and we have input it in the Data Entry of RegNet.
	ICCS
	The Bulgarian CH content has been worked out as available content on the address: http://www3.iccs.bas.bg. Following the requirements of the internal data structure of the Regnet records, the Bulgarian content has been transformed on XML format.

Task	Achievements
3.2 cont.	**ICCS** It has been used AIT developed transformation tool, which performs two level transformations from the original ICCS record to XML based tag description. The transportations have been applied both to Bulgarian and Russian records. The new data was sent to AIT and appropriate two additional data bases have been imported to the Search & Retrieval subsystem. They are available on the addresses: http://csc000.austria.at/ICCS and http://csc000.austria.at/SUSU . **ZEUS** Preparation of the demonstration phase. The main responsibility of ZEUS was to prepare for the demonstration phase the following subsystems: E-Shop, Auction System, Product Catalogue Management, E-Business;
3.3	**Implementation of the version 2 of the REGNET system**
	AIT The experimental Web-service for MySQL integration was further developed. The Web-service works in principle but data and indices mapping problems between the relational and the XML structure are still not addressed. Also there are some features included in the TextML Server which cannot be translated to work in MySQL. The most important feature, the 'fulltext – search' is already in an experimental status in MySQL but not jet stable enough to rely on it. **IMAC** Coordination of testing between technical and content group (tests results, coordination of content input and internationalisation aspects), moderation of the discussion of further technical development, evaluation of mockups prepared on the basis of the tests carried out, internationalisation work. **TARX** Based on the feedback of MECH, GRAN and MUS an adapted version of the Excel Topic Map data entry system was developed. This was based on the "Mapalizer" concept, enhanced with typical REGNET requirements such as differentiating between topic types and multilingual versions. Supportive input was given to AIT for the graphical representation of the knowledge layer above the information resources. **MOT** Documentation: sent contributions for the Interim Report 3.3.Portal architecture: redesigned the Portal architecture in some points in order to simplify the maintainability and fix some errors pointed out during the test phase. Multilinguality: enhanced the set of languages supported by the Portal. Automated the change of language at user login time, from the current, to the user's profile language. Fixed some errors pointed out during the test phase. User profile management: modified the management of the user's role. Reserved to the administrator the responsibility to set the user role in REGNET and to promote a user to the administrator role. Multi-Portal support: applied opportune algorithms to manage the REGNET infrastructure consistently by more than one Portal, especially regarding user profile information. WAP Portal: simplified the templates. Technical Tests: tested the Data Entry module and the Ontology module.Regnet Portal version 3: completed a new version of the Web and WAP Portal ready to be delivered **SPAC** Draft contribution to the IR3.3 concerning the Index+ Gateway. Development of Web service is still under test, in order to fix bugs and analyse the integration impact within the Regnet platform. Contact with SSL has been established in order to sort out troubles with Index+ library. **ZEUS** ZEUS is also responsible to prepare and deliver the final version of the following tools: E-Shop, Auction System, Product Catalogue Management, E-Business; **SI** SI was responsible for the testing and validation of the WAP component produced by MOT. Dr. Costas Davarakis was mainly responsible for the process of testing the WAP component. SI contributed in the PCM Test document where the results of the testing process were documented. Mr. Orfeas Mavrikios was responsible for the management of SI's effort and work. He also contributed in the testing of the WAP component developed by MOT.

Task	Achievements
3.3 cont.	**CERT** CERT has contributed to the finalisation of Interim Report 3.3. CERT has continued working on improving the functionality of the Topic Map Generator tool for supporting the Topic Map data entry for the Regnet content providers. CERT has also developed and validated SOAP based classes for the synchronisation of the various CSC's of Regnet. Also, new features of the SOAP interface were supported for data exchange between Ontology and eShop. **VALT** Improvement of following component: eProcurement, delivery in order to internationalise them. Design and development of the connector based on ebXML framework. Installation of the components access through Portal. Validation and integration of other components. Definition of IR3.3 and redaction of deliverable according to partners contribution.
4.1	**Execution of the Demonstration Phase**
	AIT Preparation of a testbed agreement for cultural organisations in Austria. Establishment of a REGNET Testbed internet web side for the potential partners within the national testbeds. Contacts to Austrian museums and archives for testing purposes. **ONB** ONB co-organized with AIT the Seminar "Content and Metadata Management with TeXtML Server" (05.08.2002) in Vienna/Austria at the premises of ONB, targeted at the users and developers of cultural databases. **IMAC** Clarification of task, management issues. Preparation of an information event to introduce REGNET testbed activities in German-speaking countries (scheduling, program, organisation). Planning of marketing activities, E-Mail list for potential participants (mainly museums), invitation. Establishing an information web site for registration etc. http://regnet.arte24.ch. **SUL** SUL has not started to demonstrate the system **KVA** There have not been any actual demonstrations yet. **TARX** For topic maps, GRAN, MECH and MUS carried out the first data entry demonstration of the off line tool under the supervision of TARX. For e-Publishing, internal personnel of TARX did usability tests of the navigational functions of the Faydherbe production. **MECH** First tests of the navigational aspects of the Faydherbe production by internal staff members of the Municipal Museum Mechlin. A study concerning a storyboard about a new multimedia production (KIJKERK) has been accomplished. The items necessary for the newly conceived multimedia production for demonstration were produced and synchronised in the ADLIB system for use with REGNET. During demo-sessions some inconsistencies between the ADLIB- and REGNET-nomenclature was perceived. A proposal to cope with this is under preparation. Together with TARX, MECH organised the content meeting held in Mechelen in the beginning of October 2002. **ALI** Usability: Three subjects have been considered: 1 designer, 2 developer, 3 manager; Documents:RegnetUsabilityTest_ALI_designer.xls/RegnetUsabilityTest_ALI_developer.xls RegnetUsabilityTest_ALI_manager.xls/RegnetUsabilityTest_ALI_summary.xls Location: http://regnet.alinari.it/test/RegnetUsabilityTest_ALI_1to3.zip - Heuristics Documents: 15 incident reports have been generated. issues_reporting_regnet_ALI1.doc to issues_reporting_regnet_ALI15.doc. Location: http://regnet.alinari.it/test/issues_reporting_regnet_ALI_1to15.zip **IAT** Search and selection of groups for the testing **GRAN** Execution of the demonstration phase. We have to prepare the Usability Test for the areas chosen in the Regnet meeting in Mechelen: Data Entry and e-Shop. They will be carried out by the staff of GRAN:

Task	Achievements
4.1 **cont.**	**ICCS** New content data regarding Bulgaria and Russia were included in the prospective CSC Bulgaria access point: http://www3.iccs.bas.bg. The collection of CH objects is increased with representatives from new culture organisations – National Ethnographic Museum and Institute. New organisations have been contacted as the Secondary School of Applied Arts of Bulgaria. This gives the opportunity to increase the database with new CH art objects. The CH content is currently uploaded to the Search & Retrieval subsystem to the addresses: http://csc000.austria.at/ICCS. Thus on-line cataloguing is applied for the Regnet system. **ZEUS** The main responsibility of ZEUS was to demonstrate the following subsystems: E-Shop, Auction System, Product Catalogue Management, E-Business; **VALT** Hosting of the Regnet demonstrator.
4.2	**Refinement of the system and services**
	AIT Further development of the application: new import routine, new export routine, refinements on editing,, uploading of files, improvement of display of images, refinements of administration section, implementing the synchronisation of "duplicated" data fields, creation of the index definition via the user interface, newly implemented display of XML contents, implementation of the import of translation tables, developing the pre-ebusiness solution for ONB data (selection of items in order to buy reproductions), implementation of the thesaurus management. Preparation of Data Entry translation: preparing a table containing all strings to be translated, that was sent out to the partners. Contribution to the German translation. Analysis of the functional test of data entry. Summing up the bug reports and the usability proposals. Maintenance of SearchService. Further Research on Topic Maps. **SR** Enquiry and ordering of Authorware licensing terms. Debugging of publishing prototype. Installation of publishing prototype on Webserver and feedback to Valtech. Adoption of e-publishing look and feel·Adoption of session management concept. Creating JAVA-documentation. Preparation and implementation of prototype. **TARX** For topic maps, adjustments had to be made due to inconsistencies within certain languages (Catalan) and scoped occurrences (scopes were not always presented in the right way). **ZEUS** The main responsibility of ZEUS was to refine the following subsystems: E-Shop, Auction System, Product Catalogue Management, E-Business; **SI** After taking into account the results of the review meeting and the comments from the partners on the Topic Map viewer and the EDIT component SI made some modifications to the tools where appropriate **CERT** New features were added to the Topic Map Generator tool and bugs were fixed according to the validation of the software from the content providers. **VALT** Design and development of sophisticated management functionalities for the Procurement system. Development of the connector based on ebXML framework.
5.1	**Development of a Technology implementation plan (draft)**
	SPAC No activities have been carried out. **IAT** Contacts with some firms/organizations to get information about social, scientific and commercial use of Regnet services. **ZEUS** Contribution was made by ZEUS to the development of the updated version of Technical Implementation Plan and IR 5.1

Task	Achievements
5.2	**Development of a Technology implementation plan (final)**
	TARX
	Due to the first results of the REGNET tests and the reshuffling of responsibilities and tool use, a corresponding change of the internal strategy was carried out.
	ICCS
	Adaptation of the current plan has been performed, related to the establishment of the Cultural Service Centre Europe EEIG. Preparation works for the centre CSC-Bulgaria are under way.
6.1	**Information Dissemination**
	AIT
	Organisation and chairmanship of the first REGNET workshop, "Content and Metadata management with TeXtML Server", 5th August 2002, Vienna, at the Austrian National Library (Programme: http://www.cscaustria.at/events/ws0201.htm)
	Contributions to the proceedings of the REGNET working meeting at Sofia, July 2002.
	Compilation of a new REGNET project folder with pre-layouting of a REGNET service folder and technical folder. (Other T6.1 activities see IR6.1v05).
	ONB
	Lecture ("Digitisation projects and strategy of the Austrian National Library in the European Context") on 13th of September 2002 during the Austrian Annual Conference of Librarians (Österreichischer Bibliothekartag, from the 9th of September to the 14th of September 2002 in Klagenfurt/Austria). Statement ("Participation in European Projects") during the European Conference of the Board of Directors of National Libraries (25.-27.09.2002 in Budapest/Hungary) with special mention of the REGNET project.
	SR
	Preparation of a folder including a short presentation of REGNET in connection with the upcoming 6th framework programme. Feedback to the "DigiCULT Forum" (IST-2001-34898) during the preparation of forum 2 ("Digital Asset Management Systems for the Cultural Heritage Sector") and discussions with experts regarding electronic publishing issues driven by experiences from the REGNET e-publishing system. Digital Culture (DigiCULT) is an IST Support Measure to establish a regular technology watch for cultural and scientific heritage coordinated by SRFG (www.digicult.info). Feedback to the development of a study for "The Future of Electronic Publishing Towards 2010" regarding the cultural heritage sector driven by experiences from the REGNET e-publishing system.·REGNET presentation for the scientific board of the Province of Salzburg.
	IMAC
	Preparation of a paper for the EVA 2002 proceedings (2002-11-06 - 2002-11-08). Preparation (& booking) of a booth for the exhibition during the EVA 2002 event in Berlin. Working on REGNET papers (REGNET project folder). Evaluation of proposal for a REGNET publication. Comment: The work on the organisation of an information event for the REGNET Testbed was assigned to WP 4, not WP 6.1.
	SUL
	SUL has informed about REGNET at meetings. Internal homepage has been improved.
	TARX
	TARX contributed with a paper on Topic Maps to the Proceedings of the Sofia meeting (to be published soon). Bilateral contacts with Ontopia (Steve Pepper) about the XTM-standard for topic maps. Participation in an international conference in Ghent, Belgium: Heritage, new technologies and local development. The main focus lied on authenticity, intellectual integrity and sustainable development of archaeological and historical sites and landscapes. Visit to the city of Oudenaarde, Belgium, and meeting with a number of city guides concerning the feasibility of some kind of electronic guided city tours.
	MUS
	Museon attended the Review in Luxembourg 4 July 2002. Museon participated in the Project Team Group Meeting in Mechelen: 2 & 3 September 2002.
	SPAC
	Few activities aimed at monitoring events to disseminate the project. Preparation of a brief on dissemination activities to be included on the Sofia Meeting proceedings. Gathering input information from partners, in order to deliver a new release of IR6.1
	ALI
	Dissemination activity: ECDL2002 Conference in Rome at the Pontifical University

Task	Achievements
6.1 cont.	**IAT**
	Contacts with some cultural entities in order to organize meetings and events about the services that Regnet offers.
	ICCS
	Adaptation of the current plan has been performed, related to the establishment of the Cultural Service Centre Europe EEIG. Preparation works for the centre CSC-Bulgaria are under way.
	ZEUS
	Contribution was made by ZEUS to the new version of IR 6.1 regarding the dissemination activities of ZEUS Consulting. ZEUS has also progressed with the development of a web site for REGNET project. The web site is established under ZEUS's Consulting web server. The site is partially finished and few changed will be made until the end of this Work Package. ZEUS has also made several contacts with Greek Museums, libraries and galleries for the development of Regnet's Greek Regional Pole and has already secured their contribution and their interest for participating into Regnet's system. At the moment ZEUS is making contacts with museums, galleries and libraries from other countries established in the Balkans, which can also be included into this regional pole. Additionally ZEUS is designing and examining the strategy, agreements and legal issues for the establishment of the Greek Regional Pole - Cultural Service Centre
	VALT
	Redaction and publication on www.dotnetguru.org of a paper called "Le projet européen REGNET: un modèle d'intégration multi-plateformes (http://www.dotnetguru.org/article.php?sid=69)Presentation of Regnet at the SEEM event un Bruxelles.
7.1	**Project Management**
	AIT
	Organization and preparation for the 2nd Review Meeting in Luxembourg (4th of July 2002) and the internal project pre-review meeting on the 3rd of July 2002 (Luxembourg). Compilation of the REGNET review documentation. Sending out of the final Review documentation on CD after the Review. Coordination of participation and overall design for presentation etc… Organization of the REGNET dossier contribution of several partners to the European Commission.
	Preparation for the attendance of the REGNET-OPENHERITAGE Cluster meeting on the 5th of July 2002.
	Trimonthly Report no. 3.
	Compiling the trimonthly reports from all partners.
	Constant updates to the project internal web-site.
	Managing of the project internal Regnet list server.
	Technical Management together with VALT.
	Organization and guidance for cost shift among categories for several partners. Management of cost shift between partners for IMAC, SPAC, TARX and AIT. Establishment of an interparty agreement template and final file for this cost shift. Development of a new Elektra file resembling all the administrative (address, persons etc.) and financial changes (cost shifts) from project start till now.
	ONB
	Meetings prepared and attended by ONB: 2nd Project Review Meeting in Luxembourg/Luxembourg (04.07.2002); 2nd Cost Statement, 2nd Progress Report, 2nd and 3rd Trimonthly Report written and mailed to Project Coordinator AIT.
	SR
	Reporting TR03· Preparation of Review Meeting. Review Meeting Luxembourg·Planning of further development steps. Technical management meeting·Planning of Authorware integration·IR 3.3 compilation. Feedback to Mechelen meeting minutes
	IMAC
	Preparation and attendance of 2nd Project Review Meeting Luxembourg (2002-07-04), post-processing of meeting. Coordination/internal synchronization of next (combined) meeting which will be dedicated to demonstration issues (WP 4). Reporting TR 3 (Trimonthly report). Cost management: Evaluation of cost statement payments, statement on the usage of budget in the past period (as a result of the Review Meeting), cost shift preparation/evaluation. Various management issues (internal coordination, coordination of technical and content group work, evaluation of possible partnerships and interesting events, to-do-lists and reminders).

Task	Achievements
7.1 cont.	**SUL**
	SUL has assisted other Swedish partners. Translated NRM:s comments on e-shop. Taken part in REGNET meetings.
	TARX
	Frequent interventions were carried out with several content providers for the guidance and streamlining of the off line topic map data entry system. Organisation, together with MECH, of the content providers meeting held in Mechelen in the beginning of October 2002. TARX was assigned the responsibility for the re-orientation of the multimedia production part of the e-Publishing module within REGNET. Together with IMAC a co-management will be carried out for WP3 and WP4, allowing this way a flexible and smooth transition between the two work packages. Preparative actions for CSC Europe and CSC Low Countries on the legal, technical and practical side. TARX assumed the role of editorial committee for the conceptual and naming issues for the generated topic maps.
	MOT
	Alignment with other partners, administration and management activities
	SPAC
	Internal Management. Cost shift between partners has been agreed on bilateral discussion with coordinator and the European Commission.
	IAT
	Preparation of Trimonthly Report 3(RN_TR3). Preparation of Cost Statement 3(RN_CST3).
	ICCS
	Project management Related to the pre-meeting in Luxemburg work, conclusions, presentations have been done for the preparation of the second project review meeting – 3-4 of July 2002, Luxemburg. Attending and preparation works work was done for the content meeting in Mechelen, 2-3 September 2002. The results of the functional tests, usability test and Card Sorting have been presented. ICCS had a half day meeting with the coordinator – prof. W.Koch on 26.09.2002. It has been discussed how to extend the Regnet functionalities by the cooperation between the Search & Retrieval subsystem of Regnet and the local supported data and database system with CH content and Description. ICCS proved and convinced a Bulgarian State Authority about the technological importance of the development, provided by the Regnet project. The State Authority is Information, Communication and Technology (ICT) Development Agency, which is affiliated to the Ministry of Transport and Communication of Bulgaria. The ICT Agency agrees to allocate resources (1500 Euro) for the publication of Proceedings of the Regnet Extended Project Management Meeting in Sofia – 24-26 of June 2002. The Proceedings will be published till the end of October 2002 and will collect partners contributions. Responsible editors are T.Stoilov and W.Koch.
	ZEUS
	Attendance of the Review meeting in Luxembourg. Development of a study (related with Deliverable Report 2) regarding "Cultural Heritage and E-Business": a standards framework
	SI
	Mr. Orfeas Mavrikios was responsible for the management of SI's effort and work. He also contributed in the testing of the WAP component developed by MOT.
	VALT
	Technical management.

3   Effort

Period	2002-07-01 – 2002-09-30

Planned effort per active task (Person*Months)											
Partners	**T2.5**	**T3.1**	**T3.2**	**T3.3**	**T4.1**	**T4.2**	**T5.1**	**T5.2**	**T6.1**	**T7.1**	**T7.2**	**Planned**
AIT	0,5	1	1,4	1,6	0,375	0,75			0,125	1,5		**7,25**
ONB		0,4	0,4		1,875			0,25	0,125	0,125		**3,175**
SR				1,2		0,375			0,125	1,5		**3,2**
IMAC	1	0,4	1,2	0,4	1,463			0,25	0,125	0,75		**5,588**
SUL		0,4	1,2		1,875				0,125	0,25		**3,85**
LMG		0,4	0,4		1,125							**1,925**
NRM		0,4	0,4		1,125							**1,925**
KVA		0,4	0,4		1,125							**1,925**
TARX	0,9	0,4	1,2	0,8	1,125	0,638		0,25	0,125	0,5		**5,938**
MECH		0,4	0,4		1,125							**1,925**
MUS		0,4	0,4		1,125			0,25	0,125			**2,3**
MOT				1,2		0,375		0,25	0,125	0,375	0,75	**3,075**
SPAC									0,125	0,5		**0,625**
ALI		0,4	0,4		1,125							**1,925**
CC		2,75			0,338			0,45				**3,538**
IAT		0,4	1,2		1,125				0,125	0,25		**3,1**
GRAN		0,4	0,4		1,125							**1,925**
ICCS		0,4	1,2		2,25			0,25	0,125	0,25		**4,475**
ZEUS		0,4	1,2	2	1,125	0,375			0,125	0,625		**5,85**
SI				1,2		0,375				0,25		**1,825**
CERT				1,2						0,25		**1,45**
VALT		1,2	1,2	3,2	1,125	4,125		0,5	0,25	0,75		**12,35**
TINC									0	0		**0**
Total	**2,4**	**10,55**	**13**	**12,8**	**20,55**	**7,013**	**0**	**2,45**	**1,75**	**7,875**	**0,75**	**79,14**

Effort resources used for the reporting period (Person*Months)													
Partners	T2.1	T2.3	T2.5	T3.1	T3.2	T3.3	T4.1	T4.2	T5.1	T5.2	T6.1	T7.1	T7.2	Total
AIT		0,19	0,13		1,47	1	0,08	1,76			0,31	1,59		6,53
ONB				0,79	0,3		0,32				0,24	0,24		1,89
SR							1,06				0,12	0,25		1,43
IMAC			0,5	2,3	0,6	0,5	0,7				0,25	0,75		5,6
SUL				0,9										0,9
LMG					0,18									0,18
NRM														0
KVA				0,5	0,5									1
TARX				0,7	1,85	1,23	0,81	0,37		0,11	0,13	0,72		5,92
MECH				0,67	0,44		0,9							2,01
MUS	0,05			0,9										0,95
MOT						3,9						0,2		4,1
SPAC				0,3		1,1					0,07	0,55		2,02
ALI				1	1		2,4				0,28			4,68
CC				1,5										1,5
IAT				0,2	0,5		0,4		0,2		0,5	0,7		2,5
GRAN				0,5	0,5		0,5							1,5
ICCS				0,5	1,1		1				0,175	0,25		3,025
ZEUS				0,5	1,5	2,5	1,5	0,5	0,13		0,125	0,625		7,375
SI						1,75		1,5				0,25		3,5
CERT						5		1,43						6,43
VALT				1		4	1	2			1	2		11
TINC														0
Total	0,05	0,19	0,63	12,3	9,94	21	10,7	7,56	0,33	0,11	3,2	8,125	0	74,04

Cumulative Project effort in person-months				
Originally			Actually	
Plan.	Cumul.	Period	Spent	Cumul.
50,69	50,69	2001-04-01 – 2001-05-31	39,134	39,134
52,58	103,27	2001-06-01 – 2001-07-31	56,222	95,356
48,73	152	2001-08-01 – 2001-09-30	58,654	154,01
81,75	233,75	2001-10-01 – 2001-12-31	80,13	234,14
81,75	315,5	2002-01-01 – 2002-03-31	91	325,14
64,125	379,625	2002-04-01 – 2002-06-30	73,90	399,04
79,14	458,765	2002-07-01 – 2002-09-30	74,04	473,08*

* This amount must be reduced by approximately 20PM from CERT (see email correspondence 20.9.2001 on the employment of different personnel categories within REGNET) .

4   Deliverables Dates

The following table indicates the deliverables initially scheduled for the actual and previous period and their current state. The deliverables D12, D13 and D14 have been included into the table although they are scheduled for the end of the project. The interim reports stated in relation to these deliverables show the progress of work in the respective areas.
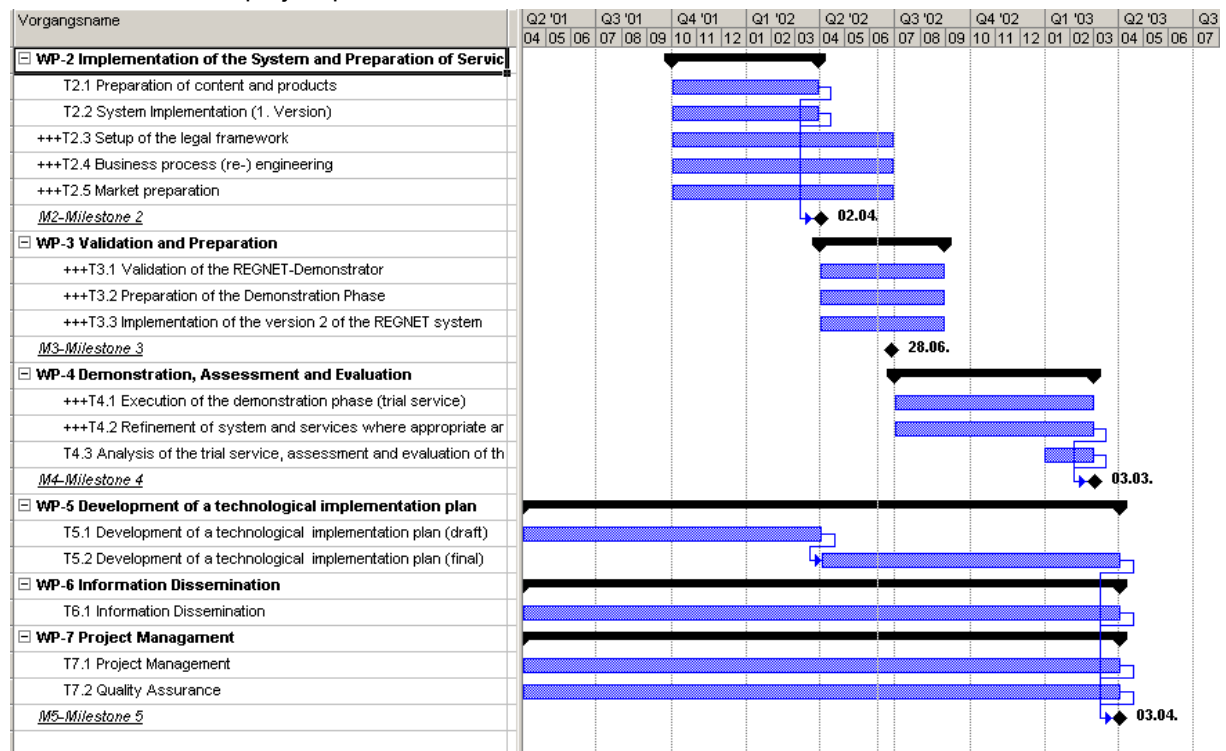
Deliverables Code & Description	Originally planned	Current planned	Actual delivery	Partner Responsible
D1 Content Creation and Content Management	30.9.2001	30.9.2001	**30.9.2001**	IMAC
D2 The REGNET-System: Specifications and State of the Art	30.9.2001	30.9.2001	**30.9.2001**	ZEUS
D3 REGNET-Enterprise Engineering and Market Analysis	30.9.2001	30.9.2001	**30.9.2001**	VALT
D4 Status Report "Available Content and Products"	31.3.2002	31.3.2002	**15.4.2002**	IMAC
D5 Prototype: "The REGNET-System: Version 1"	31.3.2002	31.3.2002	**15.4.2002**	ZEUS
D6 REGNET "System Services and Business Processes" – Version 1	31.3.2002	31.3.2002	**15.4.2002**	VALT
D6 REGNET "System Services and Business Processes" – Version 2	30.6.2002	30.6.2002	**14.6.2002**	VALT
D6 REGNET "System Services and Business Processes" – Final Version	30.6.2002	30.9.2002		VALT
D7 Validation of the REGNET system & preparation of Demonstration	30.6.2002	31.10.2002		IMAC
D8 Prototype: "The REGNET-System: Version 2"	30.6.2002	31.10.2002	**23.10.2002**	VALT
D12 Technological Implementation Plan	31.3.2001	31.3.2001		MOT
> Interim Report IR5.1v01	30.9.2001	30.9.2001	17.9.2001	MOT
> Interim Report IR5.1v08	31.3.2002	30.4.2002	2.5.2002	MOT
D13 REGNET – Information Dissemination Activities	31.8.2001	31.3.2003		SPAC
> Interim Report IR6.1v01	30.9.2001	30.9.2001	17.10.2001	SPAC
> Interim Report IR6.1v02	31.3.2002	30.4.2002	2.5.2002	SPAC
> Interim Report IR6.1v04	30.6.2002	30.6.2002	14.6.2002	SPAC
> Interim Report IR6.1v05	30.9.2002	30.9.2002	14.11.2002	SPAC
D14 REGNET – Quality Assurance System	31.3.2003	31.3.2003		MOT
> Interim Report IR7.2v01	30.9.2001	30.9.2001	21.9.2001	MOT
> Interim Report IR7.2v03	31.3.2002	30.4.2002	2.5.2002	MOT
> Interim Report IR7.2v04	30.9.2002	30.9.2002	14.6.2002	MOT

Deliverables Code & Description	Originally planned	Current planned	Actual delivery	Partner Responsible
D16 Project Presentation (WEB Presence)	30.6.2001	30.6.2001	**30.6.2001**	AIT
> Updated Web Presence (new design)			15.10.2001	AIT
> Updated Web Presence		continuous	continuous	AIT
D17 Project Presentation (Fact Sheet)	30.6.2001	31.7.2001	**27.7.2001**	AIT
> Updated Fact Sheet	Every 6 months	30.6.2002	14.6.2002	AIT
> Updated Fact Sheet	Every 6 months	31.12.2002		AIT

In agreement with the European Commission Project Officer the tasks T2.3, T2.4 and T2.5 have been extended till end of June in order to execute emergency procedures due to non-in line contribution of the marketing plan. Within the time plan there has been delivered a first version and a second version of D6. Discussion at the Review in Luxembourg, July 2002, showed that this schedule could not be kept, as new partners have to be involved and will contribute during the following months. Therefore it was requested (IMAC dossier to the Commission, July 2002) to schedule the delivery of the final version of D6 at the end of September 2002.

Furthermore it was requested within the second Progress Report to extend work package 3 and the Tasks T4.1 and T4.2 each by two months. This extension is a consequence of the comprehensive workload for WP2 which was huger than expected and implicated a later beginning of the following tasks than initially expected. The planned buffer-span of about 3 calendar months which has been included in the original project plan allows this smooth and continuous transition from the "Development and Implementation" phase to the "Demonstration" phase.

Find below the new project plan.

5   Incidents

5.1   Deviations from Plan

Task	Deviation description	Recommended Solutions
2.3 ext	IAT Our task was limited to follow up the development of this task.	IAT Our task was sent in January and we awaited for instructions.
3.1	*IMAC* Changed end date for WP 3, start of WP 4 also postponed. Mainly due to the delay in delivery of stable and thereby testable software components the validation could not started as originally planned. Despite this long periods of vacation disturbed the test process itself, not all tests could be carried out according to the original plans. *NRM* The Museum has not been able to test their own production. The catalogue and images have not been implemented in the e-shop so we have only been able to test LMG:s production and we want to validate and make additions to our own entries. *KVA* We could not hire the person we wanted. *CC* During the Mechelen meeting, the coordinator has assigned to all the partners further validation tests on Regnet tools. Civita has finished its planned resources on WP3.	*IMAC* The following agreement was made • Extension of WP 3 until the end of September 2002 • Start of WP 4 with 1. October 2002 *NRM* NRM has used their own staff in validation. The museum wants to employ staff for validation and demonstration from the 15.11 and thus move the mm we should have had this period to the next to fulfil the validation of our own material. *KVA* Project manager (Karl Grandin) did some of the job instead. *CC* Civita has request a reshaping resources' allocation among its effort, moving person months resources from WP5 to WP3 and WP4. Civita has sent to the coordinator a formal request on this issue. We are waiting a formal approval from the coordinator before starting the last part of WP3 & WP4 work. *(NB The coordinator agreed to the suggestion.)*
3.2	KVA We could not hire the person we wanted.	KVA Project manager (Karl Grandin) did some of the job instead.
4.2	SR The development effort spent was below the planned effort because the user evaluation was not totally completed at this stage and therefore further development of the publishing component would have been without user guidance. KVA Work has not started.	SR No special actions need to be taken, as the implementation effort saved in this stage will be needed in the next development phase of T4.2, esp. for the development of a cookbook for the integration of publishing software into the REGNET architecture. KVA This work will start in next reporting period.

5.2 Others

NRM

The work during the period was done on a non cost bases.

TARX

TARX is in the process of being assigned to some tasks wherein it had originally no responsibilities (Market preparation and e-Publishing). The official statement about this will follow in October 2002.

A shift of person months from some partners towards other partners was decided and agreed upon. TARX was on the receiving side of this action. The result of this was concluded into a new CPF form. Planned and reported efforts and cost statements produced by the concerned partners and the Commission have to take be taken into account and reflect this new situation.