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Cultural Heritage in Regional Networks
IST-2000-26336

3rd Progress Report

April 1st 2002 to September 30th 2002

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1 Project summary

REGNET will set up a functional network of cultural service centres through Europe which will provide IT-services dedicated to Cultural Heritage organisations. A technical and legal framework, the REGNET system, for such a service infrastructure will be developed. This will offer services like data entry, search and retrieval, and e-Business. It will be based mainly on integration work using state-of-the-art components. The network will integrate multimedia industries, content providers and service centre operators. Existing cultural infrastructures will be exploited and new infrastructures should be developed where necessary.

The technical infrastructure should allow to set up even low cost service centres. The membership concept of the service centres will generate a critical mass of digital or physical goods contained in Content Provider's organisations.

1.1 The Players within the Network

The four players within the network are the content providers, the service centre operators (running a CSC: Cultural Service Centres), the system developers and end users. The content providers (museums, libraries, archives etc.) will provide access (via wired and wireless communication) to their digital contents, services and products and offer them to their clients (B2C). In return they can use the REGNET facilities for multimedia productions and data base management, or cooperation with other REGNET partners during the creation of data bases, generation of multimedia products or creation of a virtual exhibition (B2B). The service centre operators will generate income by providing the technical infrastructure (software/hardware) to content providers and other partners within the REGNET network. They offer additional IT-services and consultancies. The system developers are selling the REGNET system to other cultural service centres and content providers. They implement additional components for the REGNET software system (additional 'nodes' like an 'exhibition creator', etc), and will generate income via licence fees for the REGNET system and other IT-services. For the end user the system will offer easy and wide access to Cultural Heritage data information and the purchase of CH related goods and services at one point, with stress on the production of personalised goods (e.g. CDROM) and services.

1.2 Standards and Metadata

REGNET will provide a unique facility to meta data definitions for both CH-related data and e-Business related data via the search entry in the REGNET – Portal and the REGNET - Ontology subsystem. Here not only meta data related to objects is addressed, but also definitions of work flows, business processes, etc. are included which lead to the concept of Ontology within the Cultural Heritage domain. Within the project a data entry facility using WEB-browsers and adaptable to different needs within different domains (Museums, Library, Archives) will be established. This facility will support existing standards (ICOM/CIDOC, UNIMARC, ISAD(G), etc) and is configurable by the REGNET System user. At the e-Business level REGNET provides the generation of a customised shopping cart systems within the business to consumer (B2C) framework.

1.3 Mobile Entry

It will be examined how next generation mobile networks can be exploited to widen the potentiality of WEB services in the field of Cultural Heritage. Appropriate gateway functions and interfacing units will be envisaged to connect the REGNET architecture with the UMTS (Universal Mobile Telecommunication Systems) structure and ensure a seamless provisioning of REGNET services to mobile customers.

1.4 Electronic Catalogues

Already existing electronic catalogues (OPACS: Online Public Access Catalogues) referring to cultural & scientific objects contained in libraries, museums, archives, and galleries, as well as to goods and services will be used. Where there are no catalogues yet new catalogues will be developed in order to establish a 'virtual union' catalogue of all OPACS and product/service catalogues held locally.

1.5 Business Engineering

In addition the work includes the outlining of necessary 'supply chains' and the connected business processes and functions to deliver digital and physical goods. All the business transactions on the B2B and B2C level (containing payment features, copyright systems, authentication control, etc) will be guided by a legal framework that will be worked out accordingly. The reorganisation of existing processes and introduction of computerised functions which make transactions for low money goods worth while (e.g. small copyright fees for digital images) is an essential part of the project.

1.6 REGNET Architecture

The building blocks which constitute the REGNET System are supporting access to cultural & scientific information as well as to product & service information offered by different organisations. The building blocks are outlined in the figure below.

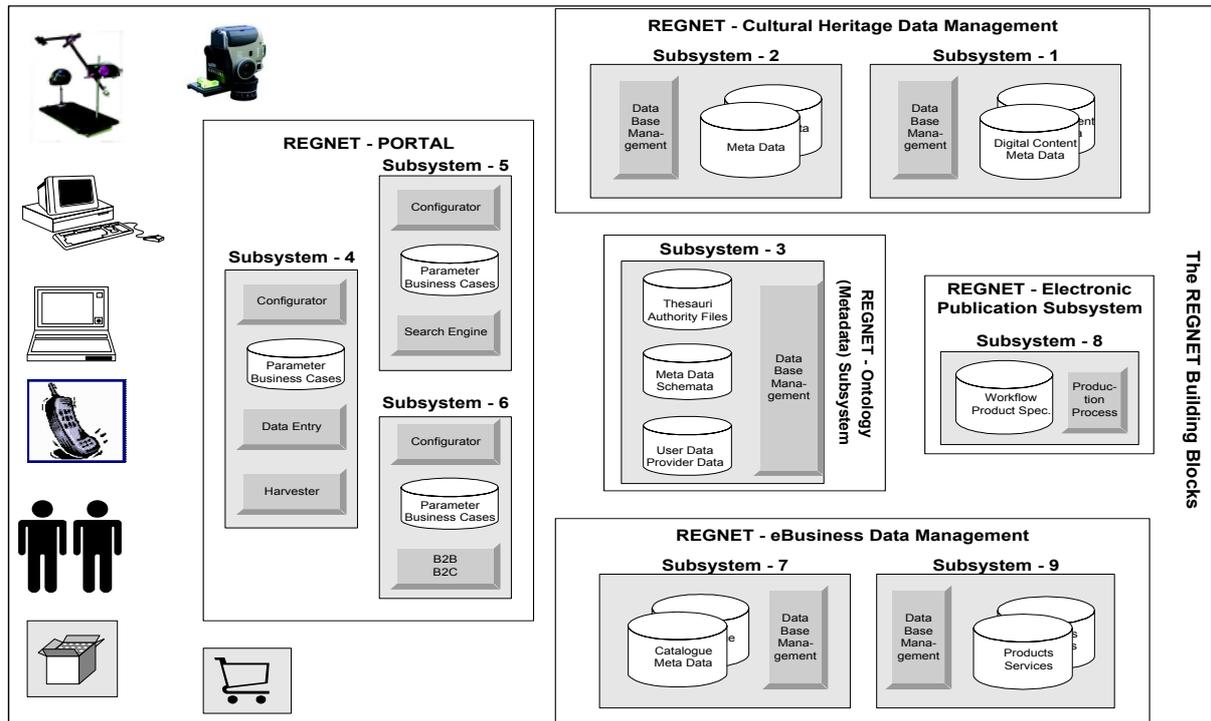


Figure 1: The REGNET Building Blocks

The REGNET-Portal enables entry of remote data, distributed search and e-Business functions. The Cultural Heritage Data Management allows the search in distributed metadata repositories connected to data of Cultural Heritage content. The e-Business Data Management gives access to distributed goods and services catalogues via an e-Business system, the Ontology Checker contains specifications of metadata, terminologies etc. which are used in the e-Business and Cultural Heritage field. The Electronic Publisher allows the production of personalised digital products based on standardised metadata and work flows.

The interconnection between different REGNET components are presented in the following figure:

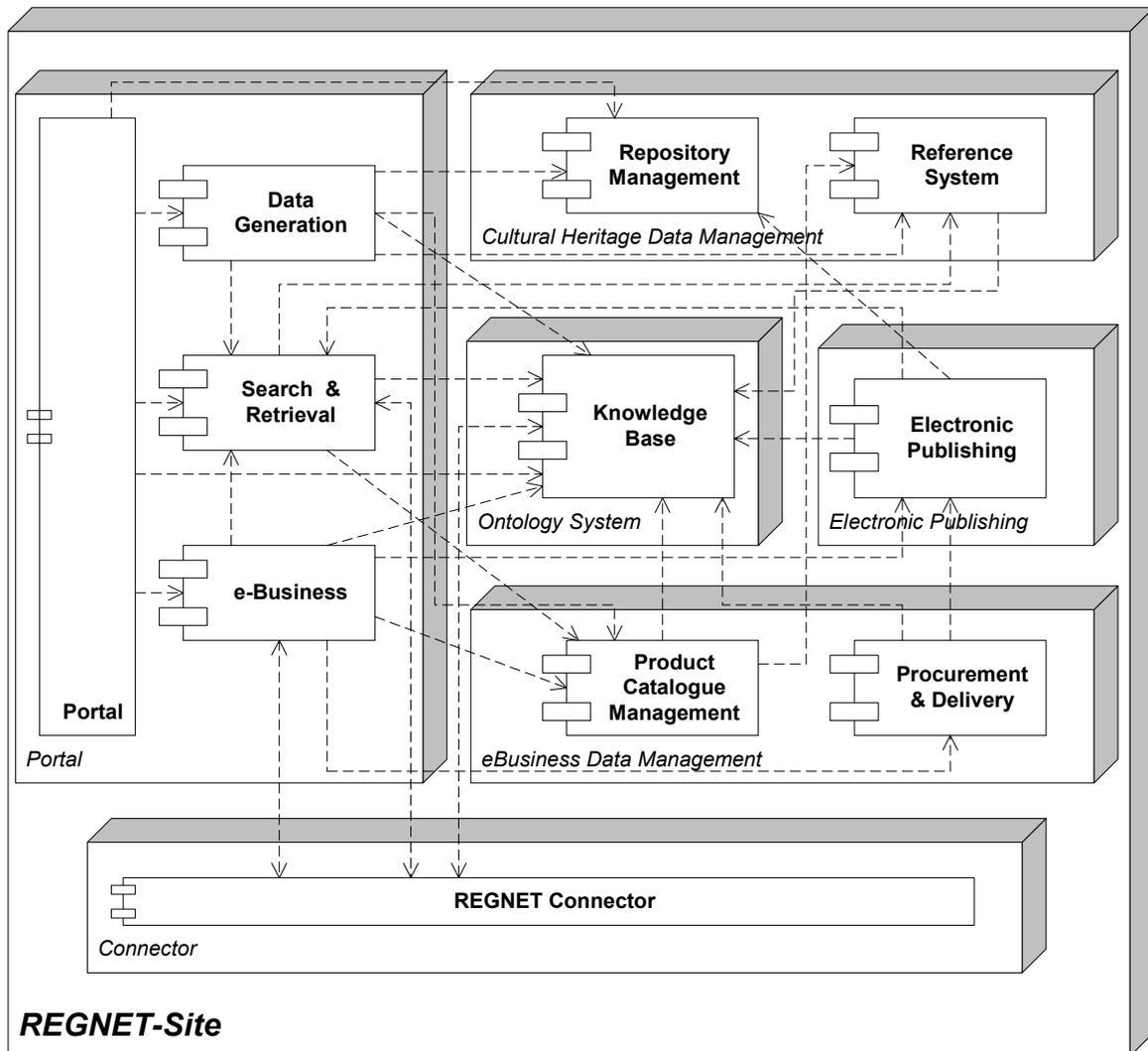
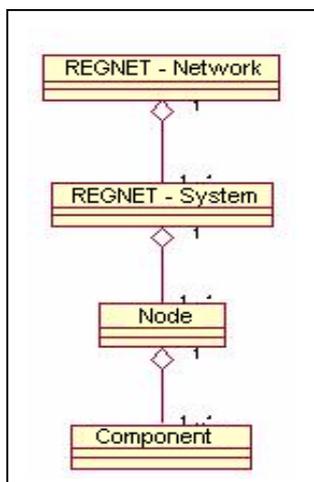


Figure 2 The REGNET-Site



A REGNET-Site can include all REGNET nodes (Portal, etc), but it is possible that a site contains only a subset of nodes, e.g. if a centre is not providing e-Business functions the e-Business related components will not constitute this site.

The conceptual framework for a REGNET Network is presented in the left figure:

- The REGNET Network consists of one or more
- REGNET Systems (Sites), which include one or more
- REGNET Nodes. A REGNET Node can include one or more
- REGNET Components.

A REGNET Network can look like this:

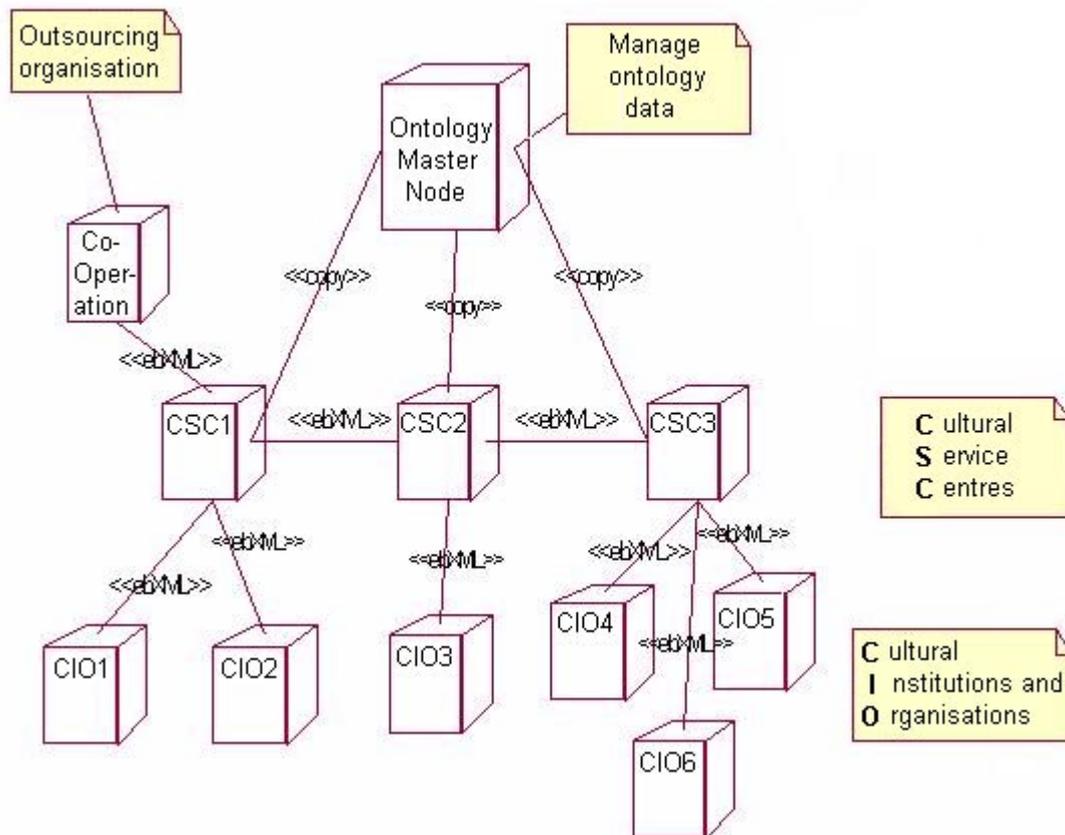


Figure 3: Example REGNET Network

Different REGNET-Sites which build the technical infrastructure of Cultural Service Centres (CSCs) are connected to each other following ebXML-Recommendations. Cultural Institutions or Organisations (CIOs) can be connected to CSCs. Special services like delivery of articles from museum shops might be outsourced to external organisations. The update of the knowledge base within all REGNET-Sites will be done via the Ontology Master Node.

REGNET extends the traditional access facilities to distributed heterogeneous catalogues by integration of product and service catalogues managed by e-Business systems. Because of the large REGNET consortium real world tests covering 4 European regions (over a dozen states) are possible.

The project will observe and take into account the ongoing and recent work of CEN/ISSS (Electronic Commerce Workshop) but will also look into recent activities like ebXML.

REGNET will evaluate a networked organisation model (comparable to the Art Museums Image Consortium/AMICO in the United States) and the integration possibilities of tools and systems for co-operative working.

1.7 Content creation, platform management, Enterprise engineering

Within the REGNET system there are three building blocks which can be considered as vertical functions:

Content creation and management is based on actual standard efforts in the field of the different organisations involved. "Application Ontology" define standardised metadata used in the Library (MARC21), Museum (AMICIO/CIMI/MDA), Archives (EAD, ISAD-G), and Artist (CDWA) domains. To enable "cross domain" searches the REGNET-search & retrieval component uses a mapping of application domain related metadata into Dublin Core metadata. A further development of Z39.50 based methodologies is using XML and provides distributed searches based on the latest technology.



This technique, to make Online Public Access Catalogues (OPACs) interoperable, is essential to REGNET, and will also be applied to the REGNET shopping system providing a virtual catalogue of products and services offered by Cultural Institutions (e.g. museum shops) connected to the REGNET Network. Regarding the collections of the REGNET-content providers it is already possible to develop "themes" which provide a path to relevant information within the REGNET System.

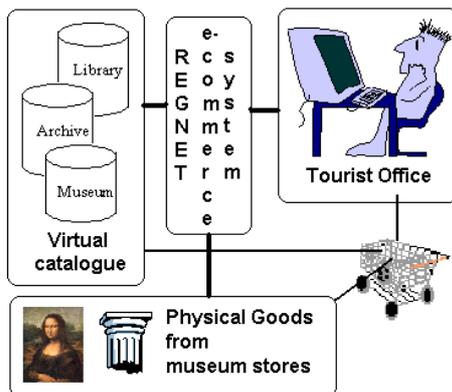
The *platform management* is based on up-to-date internet technology and is the basis for the middle ware being the agent between content and service supplier and the requester (user). It is expected that during the implementation of REGNET the first large trials of systems following the ebXML reference architecture will deliver results and might influence future REGNET-developments. The interconnection of REGNET Nodes will be based on SOAP to enable communication between different development environments (JAVA-PHP) or on direct JAVA to JAVA-communication (RMI). For data hosting XML-related tools will be preferred which does not exclude the integration of proven technologies like relational data base management etc.

The *enterprise engineering* will focus on some selected business processes and functional units: access to distributed catalogues, a shopping cart system, creation of a personalised catalogue based on retrieved data from the 'virtual catalogue' (in printed and electronic form), an internet auction system (e.g. offering duplicates of posters), and a delivery system for physical goods (e.g. goods from museum stores).

On a 'horizontal' basis the XML/XSL-technology is used to structure data semantically and physically. This affects the creation of meta data, describing real (primary) objects (artefacts, nature facts,...), media objects (photos, videos, ...) or bibliographic type objects (literature in the broadest sense). On the other hand all information within business transactions is wrapped within XML structures: Order, Invoice, Despatch, Report, ...). The recent developments in the field of XML/EDI standardisation will be used (ebXML). Another topic will be the definition of information products by appropriate document type definitions and style sheets. This should enable the 'non-media-professional' end user to easily generate catalogues or even CD-ROMs on demand. This might be the first step into the direction to create virtual exhibitions on demand by users themselves.

1.8 User Scenarios

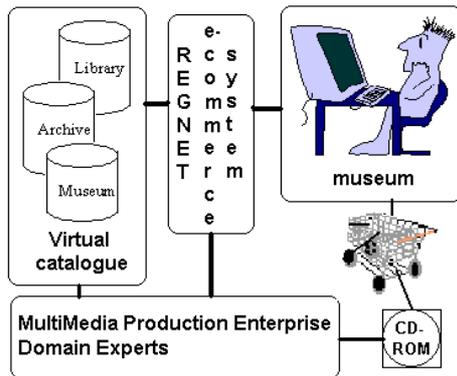
The scenarios outlined below can be considered as a first reference to e-Business processes only.



Business to Consumer (B2C):

A tourist wants to buy articles related to the Cultural Heritage of a region; he/she is interested in physical goods from one or more museum shops as well as in specific surrogate (images) of cultural objects located in museums, archives, or libraries in the region.

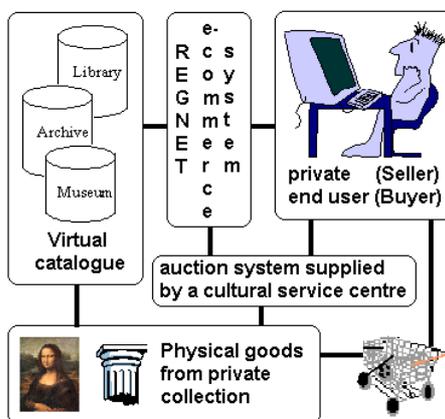
He/she can use a terminal at a tourist office where he/she searches the REGNET virtual catalogue for relevant images and information, browses for articles located in museum stores and places orders.



Business to Business (B2B):

A museum wants to produce a CDROM containing information about specific objects that he/she is interested in and which are related to a region.

The curator at the museum's side selects relevant information (text, images, films); he/she contacts a media producer, selects the basic layout/storyboard for the CDROM and works out together with the industrial partner - eventually with the help of other expert(s) - the final storyboard and the work flow necessary for the production process. He/she signs a contract for the production process and receives the master copy of the CDROM.



Consumer to Consumer (C2C):

The owner of a private collection wants to sell some of his/her assets on a maximum prize. He/She thinks about putting the offers on the internet.

He/She digitises with the help of a REGNET-Partner (e.g. Cultural Service Centre/CSC) surrogates of the goods which will be sold. Additional information and expertise are gained after consultation of the Virtual Catalogue. An dedicated Internet Auction System is set up at an Cultural Service Centres (CSC) site and offers bidding to interested user communities. The marketing of this auction is supported by the CSC. This business case can be considered as combination of B2C and B2B functions and demonstrates that a stakeholder can obtain different roles in different business-cases.

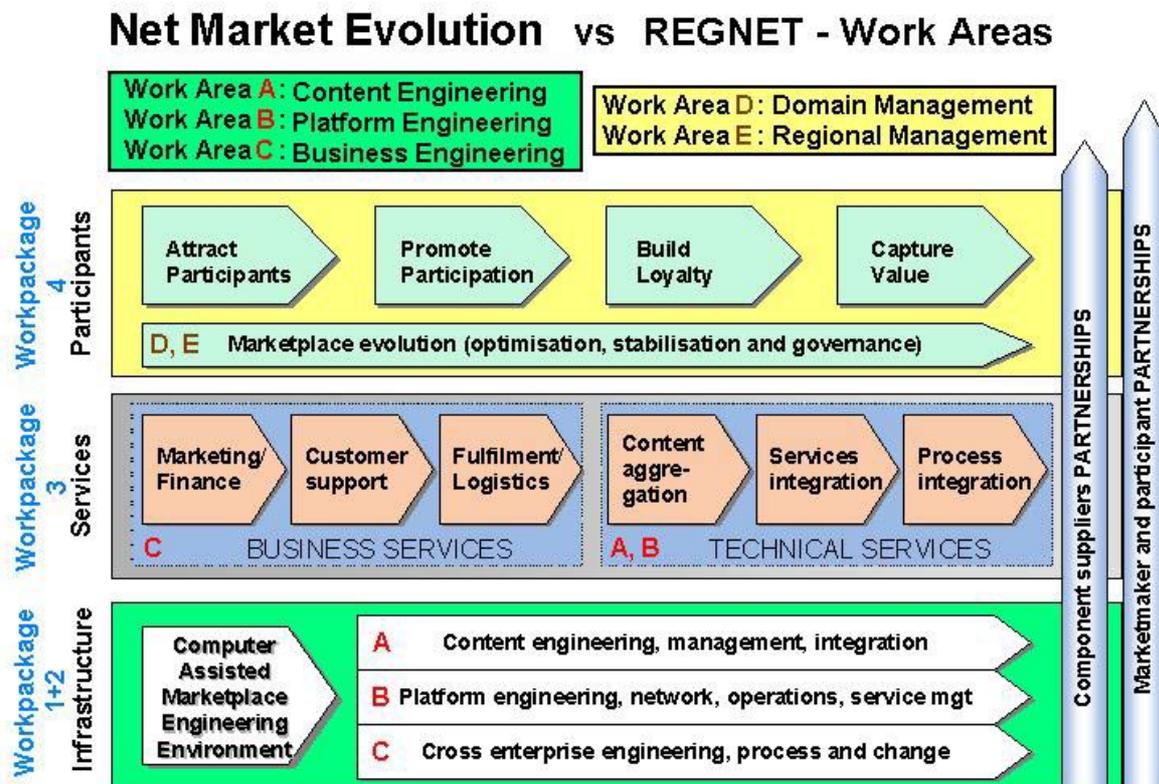
1.9 Market Situation

Electronic business becomes increasingly important and world-wide e-Business sales are expected to grow 40 times between 1998 and 2003 by which time they will become over 15% of all sales. The Internet and e-Business are also leading to a surge in new company creation. The market for REGNET systems and services can to some extent be reckoned by the number of museums, libraries and archives in Europe. A rough estimation would deliver a potential number of 3.000 (15% of 20.000 museums) museum shops throughout Europe being candidates to be partner of the REGNET network!



1.10 Overview and Outlook

The graphic below depicts the relationship between the REGNET project, the work packages and work areas, and the evolution of a 'net market'. After the conclusion of the first project year the shaping and setting up of the business and technical services are starting. A more detailed description of this process can be found under point 3 "Project Management Aspects" of this report.





2 Technical activities and achievements of the reporting period

AIT – General Project Management

The open work packages within in this second work phase, from April 1st 2002 to September 30th 2002 have been:

Work package 2: Implementation of the System and Preparation of Services and Product Generation

With Tasks: 2.3xt Set-up of the legal framework
2.4xt Business process (re-)engineering
2.5xt Market preparation

Work package 3: validation of the REGNET – Demonstrator and Preparation of the Demonstration Phase

With Tasks: 3.1 Validation of the REGNET-Demonstrator
3.2 Preparation of the Demonstration Phase
3.3 Implementation of the version 2 of the REGNET system

Work package 4: Demonstration, Assessment and Evaluation

With Tasks: 4.1 Execution of the Demonstration Phase
4.2 Refinement of the system and services

Work package 5: Development of a technological implementation plan

With Task: 5.1 Development of a Technology implementation plan (draft) continued
5.2 Development of a Technology implementation plan (final)

Work package 6: Information Dissemination

With Task: 6.1 Information Dissemination

Work package 7: Project management

With Tasks: 7.1 Project Management
7.2 Quality Assurance

Work package 2 closed on 31st of March and produced the Deliverables:

- ▶▶ D4 Status Report “Available Content and Products” – Version 2 (July 2002)
- ▶▶ D5 Prototype: “The REGNET System: Version 1” – Version 2 (July 2002)
- ▶▶ D6 REGNET “System Services and Business Processes” – Version 2 (July 2002)

The whole work within WP 2 has been distributed among two working groups. Group one was formed by the content providers within REGNET. They focused on the content related issues within Work package 2. The second group was formed by the technical partners working on the technical specifications of the REGNET system. Partners from both groups joined to work on the identification of markets and business functions, as well as on the legal framework and partnership model for REGNET.

In agreement with the European Commission Project Officer the tasks T2.3, T2.4 and T2.5 have been extended 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 of D6. A second version of D6 was



then be produced till the end of June 2002. The status and further development of the market research area was described by IMAC in their dossier to the Commission on July 2002. Following the line of the new Market preparation agenda the activity will have to extend further into 2002 in order to reach these goals. A final version by end 2002 at the latest is envisaged.

T2.4xt has been finalized within end of June 2002. T2.3xt will be an ongoing and evolving task as agreements have to be adapted to the finalized REGNET tools and services and depend on the outcome of technical research, as well as the CSC Europe EEIG will evolve and new members will enter the network.

Some content partners still worked on T2.1 and finalized the preparation of their content.

Work package 3 produced new versions of IR3.1 (>D7) and IR3.3 (>D8, prototype) resembling the validation of the REGNET-Demonstrator and the technical description of the implementation of the version 2 of the REGNET system.

Work package 4 started with the beginning of the demonstration phase for various regions and partners and with the refinement of the system and services based on the outcome of the validation and first assessment. The final reports of this work phase will be developed at the end of the project > D9 (System Operation), > D10 (REGNET-Demonstration, prototype), > D11 (REGNET trial service and recommendation).

Work package 5 produced an updated version of the Interim Report IR5.1 depicting a first draft of the REGNET technological implementation plan. Work now passes on to T5.2 and the development of the final version to IR5.1 > Deliverable D12.

Work package 6 produced also an updated version of Interim Report IR6.1 (version 4) in which the dissemination activities in the first 15 months of the project and the planned activities within the next six months are indicated. Work continues within the next 6 months and the final report IR6.1 > Deliverable 13 will be developed.

Work package 7 produced an updated version of Interim Report IR7.2 – Quality Assurance and an update to the Deliverables D16 – the REGNET public Web Site and D17 – the REGNET Project Fact Sheet.

VALT – Technical Project Management

This period deals with WP3 “validation of REGNET-demonstrator and preparation of the demonstration phase”, with the beginning of WP4 “Demonstration, Assessment and Evaluation” and WP7 “Project Management”. Some tasks from WP2 were also finished during this period.

In this period Valtech was mainly involve in:

- Business Process reengineering (from WP2).
- Validation and preparation of the demonstration.
- Implementation of the version 2 of REGNET system.
- Technical management of the project.

Main results from this period are:

- Design and implementation of the version 2 of REGNET system.
- A tested system prepared for demonstration phase.
- Business analysis for the sub-part of cultural domain dealing with REGNET.
- Technical management of the project based on a previous development plan.



2.1 WP description

2.1.1 Task description

The list of active tasks in the reporting period, with the involved partners (the Task Leader in bold type) are here 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
2.4xt	Business Process (Re-)engineering (Extension)	AIT IMAC MUS ICCS VALT TINC	2002-04-01	2002-06-30
2.5xt	Market Preparation (Extension)	AIT ONB IMAC TARX ICCS TINC	2002-04-01	2002-10-30
3.1	Validation of the REGNET-Demonstrator	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 CERT IAT ICCS IMAC MOT ONB SI SPAC SR SUL TARX TINC VALT ZEUS	2001-04-01	2003-03-31
7.2	Quality Assurance	MOT	2001-04-01	2003-03-31



2.2 Main Achievements

Within this section the main achievements in each of the open tasks is being described. The current state of the Work packages will be given in section 3.1 - Statement of progress.

2.2.1 Task 2.1 Preparation of Content and Products

Task 2.1. Preparation of content and products	
MUS	Further work was carried out on the different themes. The offline records in Word were transformed in the new Excel format and new texts were entered in Excel as well. Data was entered in the portal, e.g. Profile, Collections and Events.
CC	During this report CC has finalised the content production (Task 2.1), providing the complete documentation to the REGNET Coordinator. The documentation sent both in Italian and English has been uploaded inside the REGNET Portal. According to the template provided by the REGNET coordinator, the content provider CC and its cultural institution associated (MC and ARG) have carried out the following activities: - Musei Capitolini has provided the Italian version of digital contents (tour d'Horizon and four themes). May (0,25 PM) - Following the same approach, the content provider Museo degli Argenti has finalised the Italian version and produced a full translation in English of all its contents (tour d'horizon and three themes). May (0,25 PM) - Consorzio Civita has attended few meetings with Musei Capitolini's director in order to solve problems related to property rights of digital contents provided. In June Consorzio Civita has received a formal acceptance in transferring multimedia contents from Museum's director. June (0,20PM) - Preparation and Participation (4 days) to the Sofia meeting where CC has presented the finalized work of content production. June. (0,05 PM)
IAT	Digitising, correction and enhance of CH objects provided by GRAN.

2.2.2 Task 2.3xt Setup of the Legal Framework

Task 2.3xt Setup of the legal framework	
AIT	Finalisation work on the fifth version of IR2.3 and work on the next version v06. Task coordination and report integration. Work on establishing the Cultural Service Centre Europe EEIG. Establishing and editing of the contract of formation for the EEIG. Legal information work on registration procedures and preparation work for future business activities. The Cultural Service Centre Europe EEIG has been established with its registered office in Austria on the 21 st of June 2002. Its legal registration number is: FN223415b. The final contract of formation can be found in D6v02. The EEIG will start a first round of entrance for new members till the end of this year. The main aim is to provide an umbrella organisation for the new established CSCs all over Europe, and to also integrate important strategic partners and major REGNET supporting partners. 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.
IAT	Since our contribution was sent in January of 2002, and without any other new instructions, we have reduced our task to a follow up of the contributions of the other partners.

2.2.3 Task 2.4xt Business Process (Re-) engineering

Task 2.4xt Business process (re-)engineering	
AIT	Further contributions to the workflow in the archive domain. IR 2.4 was completed and integrated into D6.
VALT	Valtech was the task leader. Valtech achieved the object analysis of selected Use Cases from Business Processes



2.2.4 Task 2.5xt Market Preparation

Task 2.5xt Market preparation	
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.
ONB	ONB as part of the "steering committee" evaluated Market preparation results as provided by TINC
IMAC	According to the revised planning for this WP a survey on several European Markets in the domains of archives, museums, libraries, galleries together with an analysis of competitive products were carried out. On this basis a core marketing strategy was developed, integration contributions from the involved partners.
TARX	Due to the re-assignment of the Market study and preparation to three partners (AIT,IMAC and TARX), TARX focussed and delivered mainly on: <ol style="list-style-type: none"> 1. Information gathering on all market related issues based on the templates delivered by IMAC. 2. Study of the cultural market situation in the Flemish and Brussels regions in Belgium and delivery of a report reflecting the situation in Flanders-Brussels. 3. Study of the field REGNET is aiming to and detailed study of the main competitors of REGNET worldwide. A report was delivered on this subject. A comparative study was carried out of currently used pricing schemes in the areas addressed by the REGNET system. For this subject a report was delivered.

2.2.5 Task 3.1 Validation of the REGNET-Demonstrator

Task 3.1 Validation of the REGNET-Demonstrator	
ONB	- In preparation of the validation of the REGNET system, ONB identified possible test user groups and users, performed extensive functional tests of the data generation tool and e-publishing tool as well as 8 heuristic Usability tests (card sorting files); furthermore a revision of german translation of REGNET prototype interface was contributed and Data entry scenarios for usability tests drafted; (all results mailed to task leader IMAC) - ONB prepared and attended the Content Project Team Group Meeting (02.-03.09.2002 in Mechelen/Belgium) dedicated to validation
IMAC	Preparation of validation concept, necessary test material (questionnaires, scenarios, heuristic) and definition of reporting procedures and forms. Several tests using the REGNET Demonstrator were carried out by the content providers in order to detect bugs, eventually misbehaviour and lacks of functionality. All test results were reported, summarized and distributed to the responsible technical partner for error handling and improvements of the tools. The validation concept and test results are described in several individual reports and will be merged to the final deliverable D7 (IR reports available). Preparation and attendance of the Project Group Meeting in Mechelen (2002-09-02 – 2002-09-03).
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 and the links and images have been checked and corrected. Duplicates have been removed etc
NRM	NRM has validated and tested the e-shop
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	TARX has coordinated the validation process on the off line data entry system for cultural heritage data. This was done with the inputs delivered by MECH, MUS, GRAN and ONB. A conversion to XML program was developed by TARX in order to import these cultural heritage data in the XML standard. AIT did the final conversion into the REGNET data structures. The same coordination task was carried out for the on line data entry system for topic maps developed by CERT/SI. MECH and ONB delivered the data for testing.



Task 3.1 Validation of the REGNET-Demonstrator	
TARX cont.	<p>In order to give the partners a topic map generation means offering an overall view of the topic map, TARX has build an off line topic map generation module in spreadsheet form. With this tool, users can easily construct their topic map concept, keeping an overview at every moment. Once finished the spreadsheet can be used as input for the on line topic map generation tool. Based on the experience of MECH, GRAN and MUS, a revised version of the tool was developed. A conversion to XTM program is currently under development. This should allow REGNET users to generate tailor made XTM files (different languages and target groups, etc.).</p> <p>As decided at the Sofia meeting, TARX undertook a study of the use of external software packages for the e-Publishing module. Based on the concept delivered by MECH, TARX developed a first generic version of a guided city tour "Faydherbes' tracks in Mechlin" with the multimedia package Director of Macromedia, the REGNET database and related music themes.</p> <p>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.</p> <p>The implementation of the Dutch translations (delivered by TARX, MUS and MECH) was validated for the different modules wherein they were installed. Further iterations are necessary to obtain a qualitatively acceptable level.</p>
MECH	<p>Within task 3.1. the activities and achievements of MECH pertained mainly to Data entry, Search and retrieval, Topic maps and e-Publishing.</p> <p>Full validation was done by internal staff of the Municipal Museum on the off line data entry system with thematic description contributions.</p> <p>Search and retrieval validation was carried out on the MECH collection data exported from the ADLIB collection management system into the REGNET system. A revised version of the export methodology was produced with a more limited number of fields, corresponding with the specific end user requirements and taken into account the privacy aspects of the collections.</p> <p>For the topic map part, a conceptual and later on a data entry validation was done based on the theme "SAINTS". The full knowledge layer of the underlying information resources was defined and delivered.</p> <p>MECH supported the multilinguality validation for the Dutch language of several modules of the REGNET system.</p>
MUS	<p>Validation of the REGNET-Demonstrator. The different test documents were studied and remarks were given on certain aspects of the documents.</p> <p>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;</p> <p>A contribution was made to D7: RN_CONTRIBUTION_D7_MUS</p> <p>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</p> <p>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</p> <p>Functional test were carried out for the Procurement tool resulting in several bugreports, numbers 1-5: issues_reporting_regnet_pcm_procurement_MUS1</p> <p>Functional test were carried out for the Data Entry tool resulting in several bugreports, numbers 1-6: issues_reporting_regnet_DATA-ENTRY_MUS1</p> <p>For the portal two E-Sort tests were carried out.</p> <p>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</p> <p>Museon contributed to the Regnet Usability index: regnet_wui_draft-REMARKS-MUS</p>
SPAC	<p>Technical test of Regnet components: test has been carried out on Reference system. Document with test results has been delivered to the task leader.</p>



Task 3.1 Validation of the REGNET-Demonstrator	
ALI	<p>UsortDocuments: 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 User group analysis and definition (RN_WP3.1v02_usergroups_ALI .doc). User test analysis and definition (RN_WP3v02_Test Users Alinari.doc). Workshop in Lugano 04-06 June 2002 : "User-Centred Product Creation Workshop (IST-Vnet5)": user test technique; methodologies for testing web services and web sites.</p>
CC	<p>Following these activities CC personnel, representing both the Musei Capitolini and Museo degli Argenti, have performed all the tests (Task 3.1) assigned to them during the Sofia Meeting. More precisely, CC has performed the following tests:</p> <ul style="list-style-type: none"> - Contribution to the Portal Internationalisation - Functional tests on Search & Retrieval Tool - Functional tests on Topic Map Generator - Usability tests on REGNET Portal - Card Sorting tests - Integrity check of CC data - Quality control and adjustment of CC data <p>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:</p> <ul style="list-style-type: none"> - Contribution in the Portal Internationalisation (multilinguacity and eProcurement internationalisation). June (0,05 PM) - Selection of specific test users (direct contacts) for end user validation phase. June (0,10 PM) - Analysis and selection of items to be included in the REGNET portal Heuristic test. End of June (0,10 PM) - First study of the Tools assigned to CC for the validation phase. End of June (0,10 PM) - 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 teplate 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 onn Topic Map Generator Tool. TMG has been tested at http://160.40.50.22:8800/servlet/org.regnet.ontology.XMLLoader, by three different CC experts (all of them assigned to Musei Capitolini), developing specific analisys 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 methodologica 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 personalised in Sofia. 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 Capitolini 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)



Task 3.1 Validation of the REGNET-Demonstrator	
CC cont.	<p>- Integrity check and Quality control. The goal of this test was to assure that the “contents” are “well-prepared” and that they 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 correct Test 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.csc Austria.at/themes. Beginning of August (0,40 PM)</p> <p>- Preparation and presentation of the results to the Mechelen meeting, where specific other validation test has been assigned to all the Regner Content Providers. September (0,05 PM)</p> <p>- 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)</p>
IAT	<p>Organization of user group involved in task 3.1. Realization of “Card Sorting Experiments” at request of IMAC.</p>
GRAN	<p>Validation of the REGNET-Demonstrator. The main task of GRAN was to test different parts of the REGNET website, in the Demonstrator phase. Our scopes were: e Publishing, e-Shop, PCM, Procurement and Auction.</p> <p>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:</p> <ul style="list-style-type: none"> - E-Publishing: Four contributions - e-Shop: Three contributions - PCM: One contribution - Procurement: One contribution - Auction: Six contributions
ICCS	<p>Validation work has been done for the subsystems: Portal , Search and Retrieval and Auction. Functional and Usability tests, content and performance have been accessed for these subsystems. Checks for navigation, orientation, interaction, exchange of information, quality of information, location and access to the system have been validated for usability requirements. The functional tests check the proper operation of the subsystems. The content objects have been verified according to the text and image presentation. Contributions to Task 3.1 have been done.</p> <p>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.</p> <p>Functional tests have been done to Search & Retrieval subsystem on the address: http://csc000.csc Austria.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.</p> <p>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.</p> <p>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 questionnaire 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.</p>



Task 3.1 Validation of the REGNET-Demonstrator	
ZEUS	<p>ZEUS has actively contributed in the validation of the REGNET demonstrator and more specifically with the E-Business part of the REGNET System.</p> <p>The main emphasis was to identify whether the REGNET services satisfy the needs that were expressed by the content providers and if the quality of the aforementioned E-Business services are above the standard that was established at the beginning of the project.</p> <p>The following subsystems were validated by ZEUS Consulting S.A.:</p> <ul style="list-style-type: none"> ➤ E-Shop ➤ Auction System ➤ Product Catalogue Management ➤ E-Business <p>The results that were occurred by the validation phase guided ZEUS to specific changes of the subsystems.</p>
SI	<p>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.</p>
VALT	<p>Valtech manage the technical unit tests of REGNET modules:</p> <ul style="list-style-type: none"> • Definition of technical unit test • Test of eSHOP, PCM and Auction. • Redaction of synthesis document.

2.2.6 Task 3.2 Preparation of the Demonstration Phase

Task 3.2 Preparation of the Demonstration Phase	
AIT	<p>The main activity in this task is to set up the infrastructure for the demonstration phase. This included the transformation of databases into the REGNET internal data structure. All the contributions from the content providers were reviewed and mapped into the common internal data structure by the means of XSLT processing. The whole process of data transformation was accomplished by the means of a small "Data Transformation Toolbox" developed especially for this task. Databases imported for the demonstration phase are from the following partners:</p> <ul style="list-style-type: none"> • Austrian National Library • City Museum of Mechlen • Royal Swedish Academy of Science • Bildarchiv Austria • City Museum of Granollers • Themes contributions from Alinari, Consorzio Civita, Stockholm University Library • external test databases (Dorfmuseum Feldbrunnen, COINS databases) <p>Demonstrators for the REGNET Portal, REGNET Data Entry and REGNET Search & Retrieval components were set up. For components developed by AIT (Data Entry, Search & Retrieval) Guidelines for the content providers were provided.</p> <p>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. Particularly for the thematic text contributions work on data itself was necessary e.g. wrong image names in links, ...</p> <p>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.</p> <p>Data integrated during this period in collection databases: LMG, ICCS, SUSU, SUL</p> <p>Data integrated during this period in thematic text format: ARG, MC, SUL, ONB, MECH, MUS, TARX, GRAN, KVA</p>



Task 3.2 Preparation of the Demonstration Phase	
AIT cont.	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, ONB implemented the concept for integration of commercial ONB picture archive services into the REGNET system (picture orders) and subsequently refined the implemented REGNET prototype for ONB's picture archives commercial ordering system (Storyboarding, Testing, bug reporting). - Also together with AIT, ONB worked on further refinement of the data generation tool, gaining expert third party feedback by using the tool in an ONB internet project.
IMAC	Preparatory work and strategic discussion on CSC issues: naming of the later CSCs considering "regional" specialities, technical infrastructure/software discussion (which components to be used/integrated in the later CSCs, necessity of definition of knowledge areas to be covered by CSCs (together with specifications), definition of a service and product portfolio. Evaluation and installation of individual software components for later usage (Postnuke, Textml server (light version). Attendance of a first strategic CSC EEIG meeting in Graz (2002-09-21 – 2002-09-23).
SUL	The first steps have been in preparing fro the demonstration phase. Staff has been instructed.
LMG	Organizing the "saints" and "shop" databases. Photographing objects for the "Saints" database was the main achievement for this period. Managing the databases, the "Saints" and the Shop database has also been done.
NRM	NRM has started to prepare for demonstration.
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" multimedia production was further worked out into a kind of "pre-presentation" status, showing the conceptual value and feasibility without fancy presentations. Hereby a substantial extension of the production was carried out together with the generation of extra cultural heritage data (MECH). The specific use of the Lingo scripting language contributed to the added value that this approach can offer. A Dutch and English version is under construction. The focus in the future will lie on the interactive possibilities for the end users. As could be experienced by our staff, a multimedia production is very time consuming, especially when the aim is to go for high quality presentations which is often the case in the cultural world. Full topic maps of SAINTS (MECH) and Incivics (GRAN) can be shown and used for demonstration and further validation. Other topic maps such as MEASURING and MASKS and AMULETS are under construction. TARX proposed some new approaches for e-Publishing besides Macromedia Director for CD/DVD productions. For printed publications Adobe InDesign could be used and will be envisaged as another third party solution that could be integrated in REGNET. For the usability tests and demo sessions a first set of workflow descriptions was delivered for the use and generation of topic maps and the e-Publishing tool based on Macromedia Director and the REGNET databases. For the same modules guidelines were set up for the professional users which have to introduce these into the system. Together with IMAC guidelines for carrying out the usability tests and how to report the results of all the tests were distributed. At the same time the content providers were asked to define at least two areas they will test and the user groups they will constitute to do the test.
MECH	For the demonstration phase, MECH focused mainly on the conceptualisation of the multimedia production "FAYDHERBE", an electronic guided city tour around the pieces of art and architectural realizations of the Mechlin artist Faydherbe throughout the town. All texts, images and music themes were digitised and via a storyboard/scenario combined into a first and a second version for demo purposes. An exhaustive set of search and retrieval scenarios was developed for the usability testing. In order to support different themes and/or productions of MECH a supplementary set of commonly used items was generated (maps, ground plans, etc.) Different types of test groups were defined for performing the usability tests.



Task 3.2 Preparation of the Demonstration Phase	
MUS	Preparation of the Demonstration Phase. For the Museon test groups were established and the role of each participant was explained: RN_WP3.1v01_usergroups_MUS.doc. Preparations were made as to be able to fulfil the testing and demonstration needs for the REGNET system. Museon contributed in the translation activities of the filed names etc.
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: INcivics. It's in a demo phase. ⇒ First implementations of two fully worked out topic maps (SAINTS and INCIVICS) for the demonstration phase. The reference is the topic map TM_SAINETS_MECH_TARX. - We are editing the database of GRAN
ICCS	Preparation of CSC centre for Bulgaria. Inclusion of database content in the e-shop ZEUS. Preparation of content for a database for search and retrieval. 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. 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	ZEUS Consulting S.A. actually provided significant effort to the preparation of the demonstration phase. The main purpose was to ensure that the system is able to handle real data from the content providers and to ensure the transparency to the end user. The main responsibility of ZEUS was to prepare for the demonstration phase the following subsystems: ➤ E-Shop ➤ Auction System ➤ Product Catalogue Management ➤ E-Business
VALT	Valtech was the task leader. Task defined and wrote a synthesis of CSC template.

2.2.7 Task 3.3 Implementation of Version 2 of the REGNET System

Task 3.3 Implementation of Version 2 of the REGNET System	
AIT	Based on the Technical Group Meeting in Graz (18 th and 19 th of March 2002) and Turin (14 th and 15 th of Mai 2002) several refinements to the Data Entry component and the Search & Retrieval component were added. The main effort in this task was to build an experimental Web-service to be able to integrate MySQL databases as database system into the REGNET system. Up to now only TextML server was supported as internal database system. The prototype of the Web-service for MySQL databases shows a way to open up the system for other database systems. Though the Web-service works in principle there are still data and indices mapping problems between the relational and the XML structure. 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.



Task 3.3 Implementation of Version 2 of the REGNET System	
SR	<p>The software components of the Electronic Publishing component have been refined and prepared for the user evaluation. Integration problems and errors within the publishing component as well as errors concerning the component integration have been addressed. In addition, the integration of commercial publishing products into the REGNET architecture have been investigated to be able to provide a broader range of publishing functionalities in the future. Redesign of Publishing Component due to recent integration requirements</p> <p>Storyboard implementations (location based, time based), Integration of other REGNET components (Search & Retrieval, Ontology), Debugging of Prototype, Set-up of presentation environment</p> <p>Compability test for the publishing component, Documentation of the Electronic Publisher</p> <p>Electronic publishing investigation – flash, Analysis of 3rd party products</p> <p>Multilinguality implementation, resource bundles implementation</p> <p>Preparation of Luxembourg meeting</p> <p>Design, implementation and integration of Region Editor</p> <p>Preparation of SMIL-Presentation Swiss-Air</p> <p>XLS – enable multilinguality and XML label lookup functionality</p> <p>Realisation of the demonstration CD-ROM for the REGNET-Review</p> <p>Setting up and debugging of internal project server</p> <p>Internationalization of REGNET</p> <p>Error correction and communication: Ontology integration errors, s&r errors, Workflow change, integration of additional functions</p> <p>Preparation of demonstrator, Integration of Publishing Portal, Update of user manual, Packaging of publishing component, Finalisation of IR2.2</p> <p>Discussion of further development and integration of proprietary commercial products</p>
IMAC	<p>Preparation of a concept for technical testing - to be handled by technical partners, developing of test cases for functional testing, portal internationalisation (coordination of translations, translation into German). General coordination of testing by content providers and technical group. Moderation of the discussion of further technical development, evaluation of mock-ups prepared on the basis of the tests carried out.</p>
TARX	<p>Adaptive developments take place continuously as well for the different data entry systems as for the multimedia productions based on the feedback delivered by the tests and demonstrations and some new requirements.</p> <p>Together with MECH, another storyboard has been studied and accomplished (KIJKERK) together with the additional generation of required multimedia components. This in order to show multiple use of part of the information resources within different contexts.</p> <p>New initiatives were started in order to enhance the presentation effects for the end user. One of them is the graphical representation of topic maps. TARX supported AIT in this effort.</p>
MOT	<p>Documentation: sent contributions for the Interim Report 2.2 and 3.3. Prepared and released the Task Brief 3.3.</p> <p>Portal architecture: reviewed the Portal architecture. Designed and agreed with the technical partners the Multi Portal architecture. This architectural change implied some changes into the Portal kernel. Test results required the redesign of the Portal architecture in some points in order to simplify the maintainability and fix some errors.</p> <p>Multilinguality: identified bundles to be translated and languages to be supported. Gathered and integrated translated bundles. Modified and adapted the kernel of the Portal development tool. Developed the code necessary to support the language change as well as a localized interface for the Portal. Enhanced the set of languages supported by the last release of the Portal. Automated the change of language at user login time, from the actual during user navigation, to the user's profile language. Fixed some errors pointed out during the test phase.</p> <p>User profile management: collected feedbacks about the set of user information to be managed by the Portal and by the others applications. Updated the set of information to be maintained in the user profile file (XML file) and the set of possible REGNET users (roles). Refined together with CERT the Ontology SOAP Interface. Developed the new user authentication and registration mechanism. Developed the integration layer necessary to synchronize the users' information maintained by the Portal with those stored into the Ontology repository. Developed the registration and authentication process and integrated the new SOAP Ontology interface. Adapted the user registration account forms to the REGNET needs. 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.</p>



Task 3.3 Implementation of Version 2 of the REGNET System	
MOT cont.	<p>Ergonomic: analysed the WAI (Web Accessibility Initiative) Guidelines and adapted the Portal layout to the WAI guidelines of level 1. Removed the frameset structure and improved the Portal layout.</p> <p>Multi-Portal support: applied opportune algorithms to manage the REGNET infrastructure consistently by more than one Portal, especially regarding user profile information.</p> <p>WAP Portal: analysed and integrated the WAP Search utility developed by AIT. Integrated the display of some wbmp images. Simplified the templates.</p> <p>Technical Tests: tested the Data Entry module and the Ontology module.</p> <p>REGNET Portal version 2: released a new version of the Web and WAP Portal. Provided support to the partners for the Portal installation.</p> <p>REGNET Portal version 3: completed a new version of the Web and WAP Portal ready to be delivered.</p>
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 analyze the integration impact within the REGNET platform. Contact with SSL has been established in order to sort out troubles with Index+ library.
IAT	<p>Translation of e-Procurement terms provided by VALT.</p> <p>Translation of e-Procurement terms provided by SR.</p> <p>Translation of Portal terms provided by MOT.</p>
ZEUS	<p>ZEUS is responsible to ensure the proper implementation of the 2nd version of the REGNET System. All components of the System are being tested on a functional level and of technical level to ensure the desired results.</p> <p>The main aspect is to prepare the 2nd version of tools and to ensure the proper integration of the different components.</p> <p>ZEUS is also responsible to prepare and deliver the 2nd version of the following tools:</p> <ul style="list-style-type: none"> ➤ E-Shop ➤ Auction System ➤ Product Catalogue Management ➤ E-Business
SI	<p>SI was responsible for the development of the EDIT component. SI had close communication with SR who was the Task leader in order to clarify various issues that arose during the development of the EDIT component.</p> <p>Finally, the EDIT component was developed using Java technologies and it was available to the Consortium for evaluation.</p> <p>The EDIT component meets all the requirements identified during the specification process. It accepts the search & retrieve results in XML format and allows the user to edit (remove) the records she/he does not want to publish and also filters the result set. Then a new refined XML file is sent to the Electronic Publisher.</p> <p>The application is accessible at: http://www.labfuture.net/regnet/edit/edit.html</p>
CERT	<p>CERT has contributed to the finalisation of the Interim Report 3.3. Also, CERT has developed classes for the communication and synchronization of the Ontology with all other REGNET nodes and a custom tool for Topic Map Generator Tool.</p> <p>In Task 3.3 CERT has continued working on the development of the second version of the Topic Map Generator Tool. The development of this web-based authoring tool for topic maps was essential since it facilitates one of the main tasks that the content providers have to undertake. This authoring tool gives to the content providers an easy way to produce XTM files and store them automatically in the Knowledge Base for immediate use by all REGNET modules.</p> <p>The main difference between the first version and the second version of the tool, as far as it concerns the architecture design, is the use of SOAP protocol instead of the RMI. The new version of the tool has got extra features to make the creation and storage of Topic Maps more convenient, since it has direct access to the Ontology Knowledge Base where Topic Maps are stored.</p>



Task 3.3 Implementation of Version 2 of the REGNET System	
CERT cont.	<p>The user is able to a) start the creation of a new XTM file. Concurrent requests are also supported since the tool makes use of sessions, b) open an existing XTM from the Knowledge Base and edit it, c) open multiple existing XTM files from the Knowledge Base in order to extract their topics and associations, d) import a local XTM file for editing, e) show the current XTM file produced onscreen, f) export the produced file for off-line viewing and g) save the created file to the Knowledge Base so that it can be readily accessible from the REGNET nodes.</p> <p>CERT has contributed to the finalisation of Interim Report 3.3.</p> <p>CERT has worked on improving the functionality of the Topic Map Generator tool for supporting the Topic Map data entry for the REGNET content providers. A completely new – more user friendly interface - was developed, which supports features such as multiple scope elements for one occurrence, multiple occurrences for one topic, multiple basenames and scopes for one topic, multiple instances of a topic, “Edit” and “Delete” topics and “Edit” and “Delete” associations.</p> <p>CERT has also developed and validated SOAP based classes for the communication of all other REGNET modules (portal, electronic publisher, search system, etc.) with the Ontology Knowledge Base. New features of the SOAP interface were supported for data exchange between Ontology, Portal, eshop and ePublishing. CERT has also developed and validated SOAP based classes for the synchronisation of the various CSC’s of REGNET.</p>
VALT	<p>Valtech improved following component: eProcurement, delivery in order to internationalise them.</p> <p>Valtech designed and develop the REGNET connector based on ebXML framework.</p> <p>Valtech installed components that are access through Portal.</p> <p>We validate and integrate other components.</p> <p>Deployment of the system into Valtech’s Internet available machine.</p> <p>Valtech defined IR3.3 and wrote deliverable according to partners contribution.</p>

2.2.8 Task 4.1 Execution of the Demonstration Phase

Task 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 site 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, Vienna/Austria at the premises of ONB), targeted at the users and developers of cultural databases.
IMAC	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 (as a basis for the later CSC site for German-speaking countries)
SUL	SUL has not yet started to demonstrate the system
KVA	There have not been any actual demonstrations yet.
TARX	<p>As well as for the topic maps data entry system as for the first framework version of the multimedia production "Faydherbe" usability tests were carried out. This was mainly done by internal staff of the content providers which participated in the concerned modules.</p> <p>More specific methodologies for demonstration at the different content providers site were initiated and will be tested at the Den Haag meeting in November.</p>
MECH	<p>Another storyboard has been studied and accomplished (KIJKERK) together with the additional generation of required multimedia components.</p> <p>Nomenclature inconsistencies between the MECH collection management system (ADLIB) and the REGNET system were detected and studied. A final proposal to cope with this is under preparation.</p>



Task 4.1 Execution of the Demonstration Phase	
MECH cont.	Feedback (mainly on storyboard and navigation) was delivered on the different versions so far developed for the Faydherbe theme. Interactivity will be the main focus for this kind of productions and an Internet version has to be developed.
ALI	UsabilityThree 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 HeuristicsDocuments: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.
ICCS	Demos functions are implemented on the CSC Bulgaria : http://www3.iccs.bas.bg 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	Valtech hosts the REGNET demonstrator.

2.2.9 Task 4.2 Refinement of the System and Services

Task 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.



Task 4.2 Refinement of the System and Services	
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
TARX	Conceptual and navigational issues were primarily focussed on. Remarks and comments were gathered and appropriate measures were taken to remedy all the inconveniences. One example was for instance the display of accented characters in certain languages. Adequate codification and filtering had to be adapted in order to cope with this. For the topic maps the lay out of the data entry template had to be modified in order to cope with the automated conversion of the fields into XTM format.
ZEUS	The main responsibility of ZEUS was to refine the following subsystems: <ul style="list-style-type: none"> ➤ E-Shop ➤ Auction System ➤ Product Catalogue Management ➤ E-Business
SI	SI refined the Topic Map navigation engine according to the partner's comments and evaluation results. The application was tested and integrated according to the topic map files produced by the partners involved in the topic map design (TARX/CERT). SI had frequent communication with all related partners in order to discuss the development progress and refine the development of the Topic Maps viewer and the EDIT component. 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. 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.
CERT	In Task 4.2 CERT has started adding new features to the Topic Map Generator tool and has also fixed the bugs reported by the content providers during the validation phase of REGNET. 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	Valtech designed and develop sophisticated management functionalities for the Procurement system. We go on developing the REGNET connector based on ebXML framework.

2.2.10 Task 5.1 Development of a Technology Implementation Plan (draft)

Task 5.1 Development of a technology implementation plan (draft)	
MOT	Updated the partners related information and contacts. Prepared presentations for Sofia meeting and Review meeting
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



2.2.11 Task 5.2 Development of a Technology Implementation Plan (final)

Task 5.2 Development of a technology implementation plan (final)	
TARX	The first confidential internal report on the future strategy was further worked out with the results of the study and report delivered in task 2.5. 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	Description of ICCS plans concerning <ul style="list-style-type: none"> - dissemination results and their application - plans for technical development, training and expertise, B2B relations The documents have been sent to the Task leader.

2.2.12 Task 6.1 Information Dissemination

Task 6.1 Information dissemination	
AIT	<p>Presentation of REGNET at the Cultural Heritage Round Table of the Austrian federal ministry on the 23th of April 2002.</p> <p>Attendance and presentation of REGNET at the RLG meeting (Research Library Group) on the 24th of April 2002 at Amsterdam.</p> <p>Possible project cooperation between the recently established Steinbeis Transfer Centre, for information management in cultural heritage informatics on the 25th of April 2002 at Stuttgart.</p> <p>Presentation of the REGNET project during the DLM-Forum and scientific committee meeting on the 7th to the 8th of May 2002 at Barcelona.</p> <p>Presentation of REGNET at the Cultural Heritage Round Table of the Austrian federal ministry on the 21th of May 2002.</p> <p>Preparation work and presentation of REGNET at the Austrian National Information Day on the 13th of June 2002, at Vienna.</p> <p>Contribution to the IR6.1 (new filled in template: RN_T61v03_diss_templ_ait).</p> <p>“Electronic Description and Edition of Slavic Sources” – conference & workshop; Bulgaria, 24-26/9/2002.</p> <p>27th National Austrian Libraries Day – conference, 9-14/9/2002.</p> <p>LIBER 31st Annual General Conference 2002, 5 July 2002.</p> <p>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)</p> <p>Contributions to the proceedings of the REGNET working meeting at Sofia, July 2002.</p> <p>Compilation of a new REGNET project folder with pre-laying out of a REGNET service folder and technical folder. (Other T6.1 activities see IR6.1v05).</p>
ONB	<ul style="list-style-type: none"> - Presentation (lecture) of ONB and REGNET activities at the European Conference (National Representatives Group Meeting) in Alicante/Spain: “Good practices for digitisation of cultural contents” from may 16th to 17th 2002. - 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	<p>Presentation of idea and concept as EU-project in the Austrian Science Week 2002, 7th to 15th June</p> <p>Presentation at meeting of the steering committee of the “Digital Media Cluster-Salzburg”</p> <p>Update of project on SR website</p> <p>Preparation of a printed folder including a short presentation of REGNET in connection with the upcoming 6th framework programme.</p> <p>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.</p>



Task 6.1 Information dissemination	
SR cont.	Digital Culture (DigiCULT) is an IST Support Measure to establish a regular technology watch for cultural and scientific heritage coordinated by SFRG (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 publication for the VMS Bulletin (Publication date: 2002). Preparation of an abstract for the call for papers "EVA Tagung 2002" and of the contribution for the conference proceedings. Preparation of presentations, demos, e. g. text for REGNET Public Web Site (also to be integrated in our own homepage). Working on REGNET papers (REGNET project folder). Evaluation of proposal for a REGNET publication.
SUL	Informed about REGNET at meetings. Improved the internal homepage
TARX	In different areas and on different levels dissemination activities were carried out, every time with a presentation of the REGNET-strategy in public or face to face: Potential partners for collaboration: - Information day RLG (Research Library Group) in Amsterdam. - Explorative talks with printing and translations bureaus in Belgium Governmental initiatives: - Meeting IWT (Institute for renovation through science and technology) in Brussels International conferences: - Conference "Heritage, new technologies and local development" in Gent Belgium Tourism: - Meeting with the city guides of Oudenaarde Belgium Standardisation bodies: - bilateral contacts with Ontopia and Steve Pepper, both active members as a company and as member of the standardisation committee concerning topic maps. Publishing: - "Data structures for Topic Maps" for the Proceedings of the Sofia meeting.
SPAC	The third updated version of IR6.1 (version 04) has been produced in June 2002. The document presents and analyses the dissemination activities carried out by the consortium during the period 1st February 2001 – 30th April 2002 (months 11-13). The document also provides a program of foreseen activities, as reported by the partners. WP6 achievements have been shortly discussed during the Sofia Consortium meeting by ppt presentation. Continuously 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: RN_T61v05_dissemination_ALI.doc
IAT	Contacts with some cultural entities in order to organize meetings and events about the services that REGNET offers.
ICCS	Dissemination activities: - Paper in a journal has been published : * T.Stoilov. Distributed Data Search in the Project REGNET, Journal "Automatics and Informatics", No2, 2002, p.63. - Presentation of REGNET on International Conferences * K.Stoilova, T.Stoilov. The Project REGNET – a Network of Information Services and Service nodes. International Conference, 30 May-1 June 2002, Plovdiv, Bulgaria (Proceeding to be appeared in Bulgarian). * K.Stoilova, T.Stoilov. E-Services in the Network of Service Centers REGNET. Conference on Informatics and Business management, 13-15 June 2002, Varna, Bulgaria (Proceedings to be appeared in Bulgarian). * M.Tzenov. E-Shop in REGNET project. Conference on Informatics and Business management, 13-15 June 2002, Varna, Bulgaria (Proceedings to be appeared in Bulgarian).



Task 6.1 Information dissemination	
ICCS cont.	<p>* K.Stoilova, T.Stoilov. Application of Z39.50 Protocol for Distributed Search in REGNET Project. Conference Computers, Systems, Technologies-ComSysTech'2002, 20-21 June 2002, Sofia, p.III.2.1-1 – III.2.1-6.</p> <p>* M.Tzenov. Application of SOAP protocol in E-commerce solutions, IEEE Symposium "Intelligent Systems", 10-12 September 2002, Varna, Bulgaria, vol. III, p.59-62.</p> <p>- Short Paper in a catalogue of Bulgarian leaders has been published :</p> <p>* T.Stoilov. Regional Networks of Culture Heritage – REGNET project. In Catalogue "Leaders 2002: Internet, Networks, Communications, Photography, Audio and video, Sofia, No4, 2002, p.101-102, / www.leaders-bg.com/.</p> <p>- Activity for publishing a Proceeding of REGNET project</p> <p>ICCS attracted additional funds to publish the working papers presented on the REGNET working meeting in Sofia, 24-25.06.2002. This proceeding will be devoted for the development and the results of the REGNET project and the REGNET partners.</p>
ZEUS	<p>Contribution was made by ZEUS to the new version of IR 6.1 regarding the dissemination activities of ZEUS Consulting.</p> <p>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 changes will be made until the end of this Work Package.</p> <p>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.</p> <p>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.</p>
VALT	<p>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)</p> <p>Presentation of REGNET at the SEEM event in Bruxelles.</p>
TINC	<p>Participation to EVA Beijing and Euro-china 2002, held in Beijing in April 2002.</p> <p>Consorzio Civity (CC) and Terra Incognita Europe (TINC) jointly presented REGNET at the EVA Beijing 2002 event. REGNET presentation was included in session 2 "Networking Across Europe & internationally" on 13 April. It was given in English with Chinese translation. Several organisations and companies from China (and Europe, too) showed keen interest in the presentation. There have been several contacts with young and very motivated Chinese people who have started companies in the multimedia and ICT fields. All top-level participants, including Tsinghua's Rector and Mr. Bernard Smith, expressed their satisfaction in the results of the event and pledged for continuation of the efforts to foster a long-term research and business relationship between China and Europe in the domains covered by EVA events.</p> <p>Carlo Donzella, on behalf of TINC, has also presented REGNET at a special parallel session, the Cooperation Agora, of the EuroChina 2002 conference. REGNET, as all the other presentations, was given a 15 minute slot. The presentation was in English with Chinese translation. About 30 people, after the presentation, waited to meet the speaker to ask questions. A dissemination report with contacts and perspectives has been distributed to REGNET consortium on 02/05/02.</p>

2.2.13 Task 7.1 Project Management

Task 7.1 Project Management	
AIT	<p>Formatting the deliverables D4, D5, D6 and the Appendices. Coordination of the submission of the interim reports IR5.1, IR6.1 and IR7.2.</p> <p>Preparation for and attending of the technical team group meeting at Turin, on the 13th to 14th of May 2002.</p> <p>Attending and preparation for the REGNET Extended Project Management Meeting in Sofia from the 24th to 26th of June 2002. Establishing of meeting minutes and update of internal web site on meeting presentations etc...</p>



Task 7.1 Project Management	
AIT cont.	<p>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.</p> <p>Preparation for the attendance of the REGNET-OPENHERITAGE Cluster meeting on the 5th of July 2002. Establishing of the new template for Trimonthly Report no. 2. and integrating the trimonthly reports from all partners.</p> <p>Compilation of the second REGNET progress report (PR2) together with the second REGNET cost statement (CST2) and necessary additional information. Verification of costs reported against work contributed for all partners (progress report). Negotiation work on cost redistribution between partners.</p> <p>Trimonthly Report no. 3.</p> <p>Compiling the trimonthly reports from all partners.</p> <p>Constant updates to the project internal web-site.</p> <p>Managing of the project internal REGNET list server.</p> <p>Technical Management together with VALT.</p> <p>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. On the statement of TINC at the Review in July of having stopped to contribute to REGNET by end of March 2002, and having made the decision to leave the consortium also a shift of remaining costs from TINC to other partners which took over the responsibilities has been planned. Finally TINC did not agree with the suggested shift in September 2002 and the referring agreement had to be postponed.</p> <p>Development of a new Elektra file resembling all the administrative (address, persons etc.) and financial changes (cost shifts) from project start till now.</p>
ONB	<p>- The following meetings dealing with project management issues were prepared and attended by ONB: Extended Project Management Meeting in Sofia/Bulgaria (24.06.-26.06.2002); 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</p>
SR	<p>Preparation of TR02, Costclaim 02 and PR02 Correspondence to PO Actualization of REGNET xls-budgetfiles Preparation of Technical Meeting Turin Participation at Turin Meeting Turin Meeting Minutes Planning and Preparation of Sofia Meeting and Review Meeting Preparation of Review Presentation and update to D5 Consortium Agreement Preparation of PMC Sofia Reporting TR03 Preparation of Review Meeting Review Meeting Luxembourg Planning of further development steps Technical management meeting Feedback to Mechelen meeting minutes</p>
IMAC	<p>Various management issues (internal coordination, coordination of content-related issues and technical issues). Preparation (agenda, presentations, work exercises) and attendance of Project Management Meeting in Sofia (2002-06-24 to 2002-06-26) and Review Meeting in Luxembourg (2002-07-04) and Project Group Meeting in Mechelen. Reporting for Trimonthly reports, Progress Reports and preparation of Cost Statements and cost shifting.</p>
SUL	<p>SUL has assisted other Swedish participants</p>
TARX	<p>TARX continued to do very frequently interventions to guide content providers in the manipulation use of the REGNET tools and to streamline the methodologies to follow to carry out the validation and demonstration process.</p>



Task 7.1 Project Management	
TARX cont.	<p>TARX organised, together with MECH, the content providers meeting held in Mechelen in begin October 2002.</p> <p>In order to get a smooth transition between work package 3 and 4, IMAC and TARX will continue the spontaneously established co-management of the content providers and all related tasks in the aforementioned work packages.</p> <p>TARX was assigned the responsibility for the re-orientation of the multimedia production part of the e-Publishing module within REGNET. Especially the introduction of Macromedia products is one of the first proposals and results.</p> <p>TARX assumed the role of editorial committee for the conceptual and naming issues for the generated topic maps.</p> <p>Concerning the marketing aspects, TARX did a series of preparative actions for setting up CSC Europe and CSC Low Countries, the framework for further use and implementation of the outcome of the REGNET project.</p>
MECH	Together with TARX, MECH organised the content meeting held in Mechelen in the beginning of October 2002.
MUS	<p>Museon attended the Review in Luxembourg 4 July 2002</p> <p>Museon participated in the Project Team Group Meeting in Mechelen: 2 & 3 September 2002</p>
MOT	<p>Organization of RN_PTG10 Technical Meeting in Turin.</p> <p>Prepared and released the third and fourth Trimonthly Reports and the Progress Report.</p> <p>Participation to the Sofia meeting.</p> <p>Review meeting: prepared the contributions for the Review Meeting.</p>
SPAC	Deliver of 2nd Cost Statement and Trimonthly Report (January-March 2002).Participation to the Consortium Meeting (Sofia 24-26 June 2002) and to the Review Meeting (Luxemburg 2-5 July 2002). Clarification of misunderstandings on SPAC activities carried out on the 2nd reporting period compared to the 2nd Cost Statement presented. Internal Management. Cost shift between SPACE and partners has been agreed on bilateral discussion with coordinator and the European Commission.
ALI	Presentation for the meeting in Sofia -Bulgaria (RN_sofia_ALI.ppt).
IAT	<p>Preparation of Trimonthly Report 2 (RN_TR2).</p> <p>Preparation of Progress Report 2 (RN_PR2).</p> <p>Preparation of Cost Statement 2 (RN_CST2).</p> <p>Preparation of Detailed Time Sheet for Coordinator's Report.</p> <p>Preparation of Trimonthly Report 3(RN_TR3).</p> <p>Preparation of Cost Statement 3(RN_CST3).</p>
ICCS	<p>Project Management</p> <p>General Management Meeting of REGNET has been organized and hosted in Sofia: 24-26 of June, 2002. The meeting has been fully supported by the administration of ICCS. It has been provided the necessary infrastructure and services, needed both for the technical partners and the content providers.</p> <p>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.</p> <p>Attending and preparation 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.</p> <p>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.</p> <p>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.</p>



Task 7.1 Project Management	
ZEUS	<ul style="list-style-type: none"> ➤ Attendance at the General meeting in Sofia – Bulgaria ➤ Attendance at the technical meeting in Turin ➤ Attendance of the Review meeting in Luxembourg ➤ Two meetings in Athens with several museums regarding the development of CSC Hellas ➤ Development of Trimonthly Report 3 and Trimonthly Report 4, Cost Statement 3 and Progress Report 3 ➤ Development of a study (related with Deliverable Report 2), regarding “Cultural Heritage and E-Business: A Standards framework”
SI	<p>SI participated in the 2nd Review meeting (Luxembourg – 4 July 2002). Prior to the review SI had to be prepared for the demo presentations (Ontology node– EDIT component).</p> <p>During this period the following documents were produced:</p> <ul style="list-style-type: none"> • <i>Review presentation slides and notes:</i> Several slides and documents were produced as part of the preparation for the June review that supported the components developed by SI. • <i>Contribution to PCM Test report:</i> This document contained SI’s contribution to PCM Test report. The document contained the results conducted by SI;s testing and evaluation of the WAP component developed by MOT. <p>Several documents related to the Project Management of REGNET were produced (ie. Trimonthly Reports, Cost Statements, Progress Report etc).</p>
CERT	CERT has worked on the preparation of the on-line presentation of the Ontology System of the REGNET system at the July Audit of the project.
VALT	<p>Valtech contributed to REGNET meetings (slides presentation).</p> <p>Valtech prepared the review meeting.</p> <p>Valtech defined a software development plan according to Unified Process.</p> <p>Valtech was in charge of the technical management of REGNET.</p>
TINC	<p>Shift of project responsibility for TINC from MR. Donzella to Mr. Eriskat. Introduction of Mr. Eriskat to consortium. Preparation of and participation of Mr. Eriskat to technical meeting held in Turin on 13/05/02.</p> <p>On coordinator’s unilateral decision of not submitting TINC’s second Costs Statement to EC, Mr. Donzella had to raise the issue with the PO, Mr. Hoorens, with a detailed letter dated 12/06 illustrating the illegitimate and bullying attitude of the coordinator toward TINC.</p> <p>On Mr. Hooren’s request, TINC prepared a detailed 57-page dossier “documenting of what TIC consider to be a systematic boycotting of TINC’s activities within REGNET project” and delivered it on 01/07.</p> <p>Mr. Eriskat and Mr. Donzella participated to the second review meeting in Luxembourg on 04/07/02.</p> <p>On 30/09, direct submission to Mr. Hoorens of:</p> <ul style="list-style-type: none"> - TINC progress report for the third period - 3rd (and final) Cost Statement: - usual not on Costs Statement; - TINC’s declaration of withdrawal from project per 30/09/02.

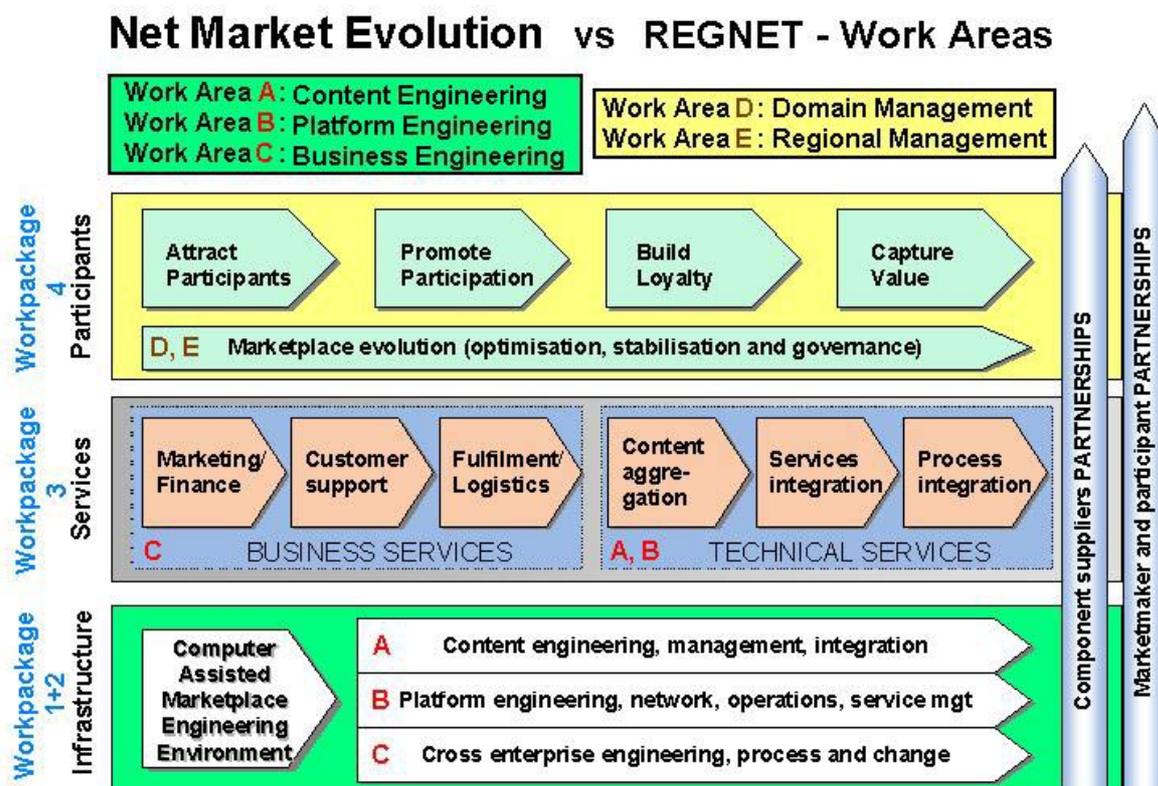
2.2.14 Task 7.2 Quality Assurance

Task 7. 2 Quality Assurance	
MOT	<p>Support for Localization & Internationalisation.</p> <p>Updated Interim Report 7.2.</p> <p>Inserted Internationalisation and Localisation section.</p> <p>Prepared the contributions for the Sofia Meeting.</p> <p>Prepared Templates for modules testing activity.</p> <p>Prepared the contributions for the Review Meeting.</p>

3 Project Management aspects

3.1 Statement of progress

The first half of project year 1 within REGNET has been dedicated to the analysis of the state of the art and the development of concepts. In the second half of the year the implementation of the system and the preparation of services and product generation started. The work was therefore split up in content engineering, management and integration of work area A, and platform engineering, network, operations and service management of work area B, and work area C which comprises cross enterprise engineering, process and change. The graphic depicted below shows at the bottom the research work for setting up the infrastructure.



Within **Work Area A** there has been produced, according to the plans and guidelines elaborated in Task 1.2, digital content available at the content providers side and prepared for the integration in the REGNET system. Deliverable 4 depicts the outcome of this work and describes the collections available for the demonstration phase, the process of preparation and conversion together with the available tools. It gives examples for the presentation of data e. g. in topic maps. The great interest in REGNET led to the integration of additional databases like the Feldbrunnenmuseum and a coin collection.

The essential activities within the platform engineering of **Work Area B** of this phase, which are described in Deliverable 5, might be enlisted as follows:

- Defining, validating and base lining the architecture as rapidly as practical.
- Refining the Vision, based on new information obtained during the phase, establishing a solid understanding of the most critical use cases that drive the architectural and planning decisions.
- Creating and base lining detailed iteration plans for the construction phase.
- Refining the development case and putting in place the development environment, including the process, tools and automation support required to support the construction team.



· Refining the architecture and selecting components. Potential components are evaluated and the make/buy/reuse decisions sufficiently understood to determine the construction phase cost and schedule with confidence. The selected architectural components are integrated and assessed against the primary scenarios. Lessons learned from these activities may well result in a redesign of the architecture, taking into consideration alternative designs or reconsideration of the requirements.

Work Area C is dedicated to the enterprise engineering and focused on three different parts in its research work. First a basic set of the contracts and agreements necessary to run the REGNET network has been established. In consequence the contract of formation for the Cultural Service Centre Europe EEIG was established and the EEIG was founded with its registered office at Graz, Austria. Furthermore the business processes that are being supported by the REGNET technical, organizational and contractual infrastructure were described together with the processes at the different partner sides which had to be introduced or re-engineered. The market preparation section could have been included only in a preliminary first version and will be further elaborated in the final version of Deliverable 6. It was agreed among the consortium and the project officer to therefore postpone the final delivery date for D6 onto the end of June.

Furthermore contacts have been established with the Research Library Group, Canada.

In the work phase 1 of year 2 also the integrated components of the business and technical services were validated. Validation showed which services and components could be provided by REGNET partners and which partnerships on component supplier and marketmaker participation level should be envisaged. The next step within project is now the start of the demonstration, assessment and evaluation, involving **Work Area D** (Domain Management) and **Work Area E** (Regional Management), which should lead towards the evolution of a strong marketplace and the successful operation of the REGNET network.

3.1.1 Outlook on the final quarter of the project

After Work package 1 (conceptual framework) and Work package 2 (main implementation phase) have finished Work package 3 had to concentrate on the future business of the REGNET Service-Network. A new type of "REGNET-Player" came up: the REGNET-service suppliers. They are hosting "Regional Poles" which also can be considered as "Regional Service Hubs" or similar, providing access to the REGNET-network.

Usage and usability related issues will be mainly executed by Content Providers in cooperation with Regional Poles (at this stage: "Incubator" of a Cultural Service Centre).

The infrastructure for - at least three - Service Centres will be set up and the "business functions" on which the CSC-Services will be based, had to be defined (on the basis of the contract as a minimum); training, market related issues, etc are also included in this task. At the end a business plan for the CSC-Network and the single CSCs themselves has to be developed.

The - software - functions, developed in WP2, had to be reviewed to check whether the REGNET-developments provide sufficient added value - at reasonable quality - to justify their integration into the future CSC-infrastructure. The integration of external systems and/or services into the REGNET-Service-Infrastructure might be possible at this stage. It has also to be decided which service centres will offer what type services - eventually on behalf of the whole network. Eg.: Watermarking or image-processing could be implemented on, or accessed on only one service centre which for example acts as a "gateway" between the REGNET-network and external service suppliers. The minimum functionality - coming from the REGNET development - should cover the functions demonstrated during the Graz meeting, PTG09 and now having been validated in the Mechelen and in the future Den Hague meeting.

In appendix A (pp 2-4) of the REGNET-Technical Annex a list of the potential service centres is provided.

Within each service centre at least two types of partners should cooperate:

Partner-Type 1: Content Provider

Partner-Type 2: Regional Pole/Developer

Minor deviations from the original plan:

- Region 1 will now be covered by two Service Centres:



R1a: AIT+ONB

R1b: IMAC (+SUL+LMG+NRM+KVA – the Swedish partners are about to decide whether they are opening an own service centre for Sweden)

- Region 6 (ICCS+SUSU) might be established from the very beginning.

The establishment of service centres could be done in two phases (a time lag of 4-6 weeks might be appropriate):

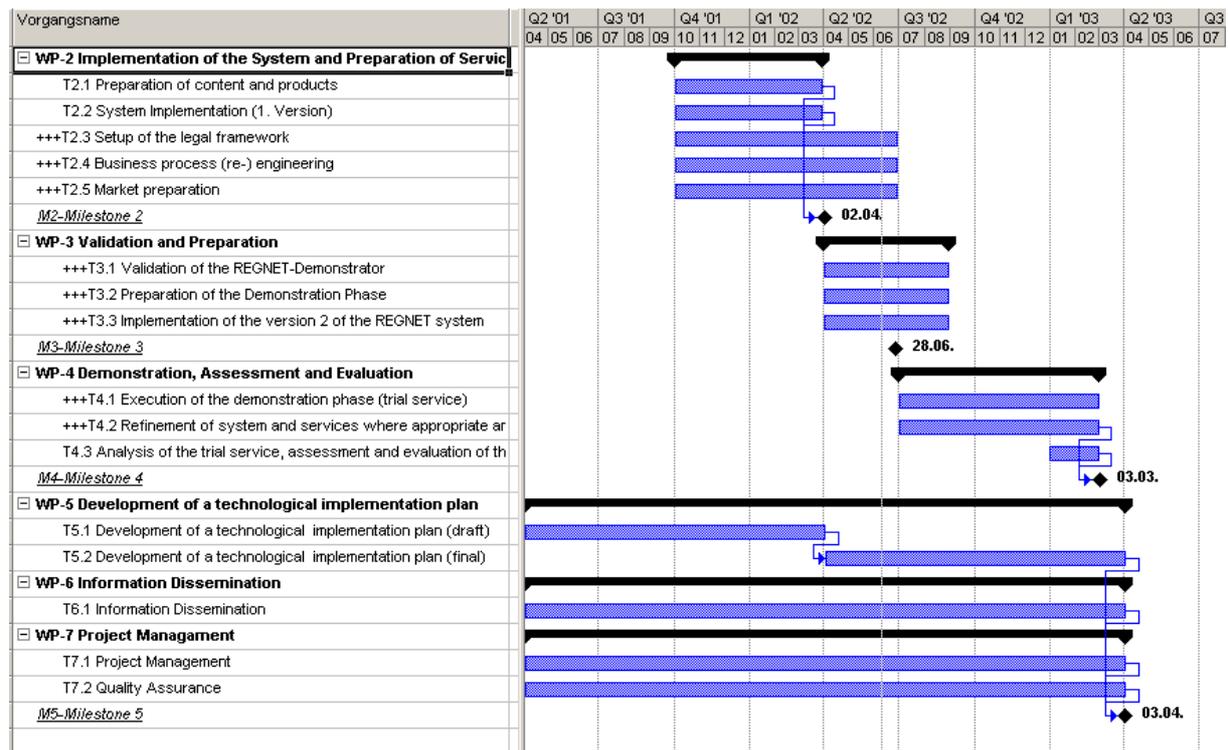
Phase 1: Region-1 (2 Centres), Region-2, Region-6

Phase 2: Region-3, Region-4, Region-5

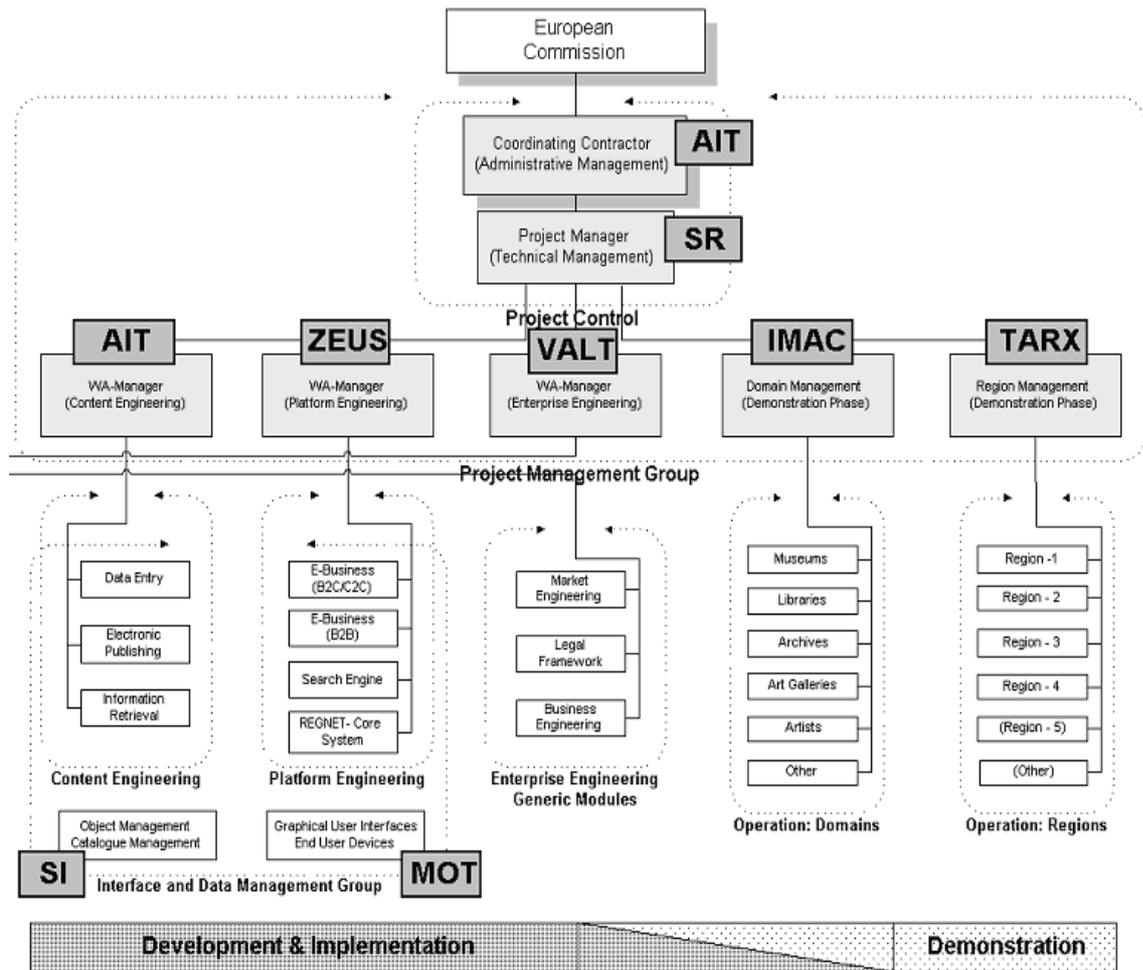
The service centres of Germany/Switzerland and Belgium/Netherlands (Low Countries), and Bulgaria are in the process of being established right now.

The partners responsible for those service centres (except Bulgaria which is not a European Community member) are the founding members of the CSC Europe EEIG. This European Economic Interest Group will in future provide the international umbrella organisation for the network of Cultural Service Centres.

The following project plan shows the updated time schedule for the future work within REGNET:



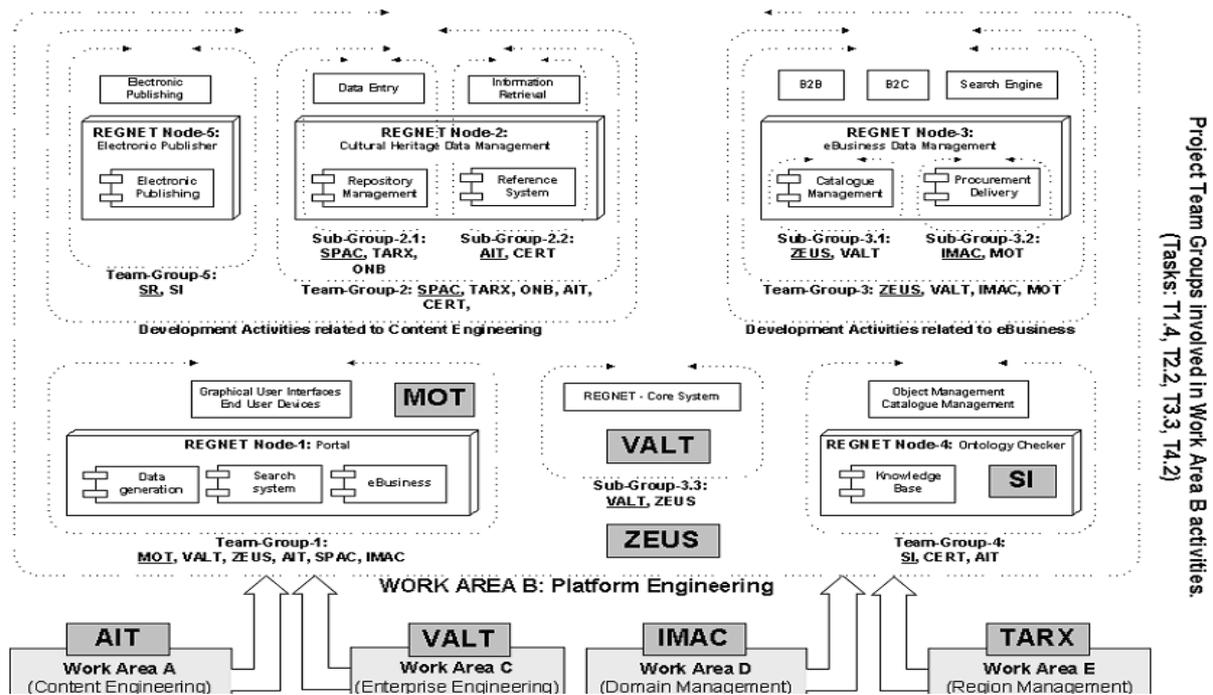
The planned buffer-span of about 3 calendar months which has been included in the original project plan allows a smooth and continuous transition from the "Development and Implementation" phase to the "Demonstration" phase.



3.2 Selected Management Issues

Task 2.2 – SPAC contribution

According to the REGNET contract the technical partners are grouped into teams responsible for certain parts of the technical development:



Within Team-Group 2, the REGNET Node-2 “Cultural Heritage Data Management” the partner SPAC has been responsible for coordination, technical integration and overall task leadership.

Due to the personnel troubles SPAC had in the beginning of WP2 AIT had to take over the development of the data entry and management tool. In June 2002 at the PMG04 in Sofia AIT and SPAC came to an agreement on a shift of budget in order to refund the additional effort of AIT in this area. It was decided to shift 11PM of the SPAC technical development. On the other hand SPAC affirmed to develop a gateway component to access from REGNET to the Index+ database containing the CHINI collection (database used on Open Heritage project).

Referring to this an interparty agreement on the cost shift among partners has been developed by AIT and was signed by all concerned partners in October 2002. It will be transferred to the Commission together with CST3.

Task 2.5 – TINC Contribution

QUOTE from the 2nd REGNET Review Report – page 10 (underlining done by AIT):

>> [...] On the other hand, the work delivered by TINC has been criticised by the project co-ordinator. TINC's contribution to the consortium ceased de facto with effect on April 1st, 2002. This resulted in the need to re-allocate resources and to redefine the tasks of some partners. The reviewers consider such reallocation reasonable in light of the required trust for future work and the need for a more comprehensive and focussed approach in a cost effective way. Reviewers consider 1st April as a reasonable cutoff date for such restructuring, while costs up to end of March 2002 can be considered necessary on the basis of the documentation supplied, albeit high in relation to the quality of work performed. [...]<<



Following TINC's assertion of having stopped working and contributing to REGNET at the REGNET Review in July 2002, and after having received the Reviewer's assent in their report, which acknowledged the need of re-structuring resources and "consider[s] 1st April as a reasonable cutoff date for such restructuring" AIT started to develop during the late summer weeks a model for re-structuring of resources between the partners AIT, SPAC, IMAC, TINC and TARX. In this model AIT was to get budget for its additional effort for T2.2.2 and T2.5, and IMAC and TARX were to get refunded for their additional effort in T2.5.

However, after having transferred a first suggestion of resource re-allocation to all concerned partners, TINC directly responded to the Project Officer by submitting a PR3 and a cost statement for the period 1st of April to 30th of September 2002, claiming PM 1,5 mainly for dissemination and management efforts.

The TINC CST3 will be transferred within the total REGNET CST3 file together with this Progress Report. AIT received an electronic copy of TINC's statement of withdrawal from the REGNET project with immediate effect (dated 30/09/02).

A first interparty agreement was then signed between SPAC, AIT, TARX and IMAC. AIT had to redo the model for re-structuring in order to make a first re-funding also for TARX and IMAC possible.

The re-structuring of the remaining TINC budget is still pending.

Following measures have been taken:

1) constitute a modified team for T2.5 (in WP3) consisting of:

- IMAC (Task Leader)
- ICCS
- TARX
- AIT

2) Shift necessary budget from SPAC (WP3 and WP4) into the extended T2.5 and additional effort for WP3 and WP4.

3) freeze the existing IR2.5 (this was put into the annex of D6)

4) start immediately with work on T2.5 (including remedy work for T1.7) based on IMAC's REGNET - Market-Engineering baseline document and the remarks of the second review report. A referring dossier on their planned work was submitted by IMAC to the reviewers and the European Commission.

CONCLUSION to selected Management Issues

Summing up, the incidents resulted for the REGNET project and the other projects partners in the need to form a new working group for T2.5 and take over the task leadership for T2.2.2 and the development work which had initially been dedicated to SPAC.

Therefore (free) resources were shift to the partners who took over this work. The tables below depict the suggested shift:

NEW Distribution of effort

	AIT	IMAC	TARX	SPAC
T2.5	0,5	3	0,9	0
T3.1	1	1	1	0
T3.2	2	3	3	0
T3.3	4	1	2	0
T4.1	1	3,9	3	0
T4.2	2	0	1,7	0
T4.3	0,5	1	1	0
SUM	11	12,9	12,6	0

OLD distribution of effort

	AIT	IMAC	TARX	SPAC
T2.5	0	2	0	0
T3.1	0	1	1	1
T3.2	1	3	3	3
T3.3	4	1	2	2
T4.1	0	3	3	3
T4.2	1	0	1	1
T4.3	0	1	1	1
SUM	6	11	11	11



At the 12 month of development, the situation of the different Work packages and Tasks which have been involved is as follows:

WP n	Work package name	Task Status
WP 1	Analysis of the State of the Art and Development of Concepts	100% This work package has closed on the 30.9.2001. Work has been carried out according to the project plan. Three deliverables have been produced : D1, D2 and D3
WP 2	Implementation of the system and Preparation of Services and Product Generation	97% This work package has closed on the 31.3.2002. Work has been carried out mostly according to the project plan. Ongoing work showed that D6 need to be extended till end of 2002. Three deliverables have been produced : D4v02, D5v02 and D6v02
WP 3	Validation of the REGNET-Demonstrator and preparation of the Demonstration Phase	90% This work package has closed on the 30.9.2002. Work has been carried out mostly according to the project plan. First versions of D7 and D8 have been developed.
WP 4	Demonstration, Assessment and Evaluation	20% This work package is planned to close on 28.2.2002. Work has been carried out mostly according to the project plan.
WP 5	Development of a technological implementation plan	70% This work package will develop the REGNET technological implementation plan. The final plan (D12) is due at the end of the project. An updated version of Interim Report IR5.1 on the technological implementation plan has been produced.
WP 6	Information Dissemination	75% This work package reports on all the information dissemination activities within the REGNET project. The final deliverable report D13 is due at the end of the project. In this work phase an updated version of Interim Report IR6.1 has been produced.



WP n	Work package name	Task Status
WP 7	Project Management	75% Work package 7 is divided into the overall project management and Quality Assurance. The final report is due at the end of the project. An update version of interim report IR7.2 – related to D14 – Quality Assurance has been produced. The deliverables D16 – public project web site and D17 Project fact sheet have been updated. (The public web site is being updated constantly)

Work has progressed within the overall work package plan, the delivery date for the final version of D6 had to be extended till the end 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.

3.3 General management issues

CC

Michela Michilli has left the project in May. The new project manager in charge of CC is Dr. Giorgetti.

Dr. Cipollini, as permanent employee of CC, has supported Giorgetti, internal consultant, in the project content transfer and in the project management during the May-July period.

The new Composition of CC, involved in REGNET, is the following one:

Giorgetti: Project Manager

Cipollini: Vice Project Manager and test developer for CC and Musei Capitolini

Boria: Content expert both for CC and Musei Capitolini

Raffaella Rimaboschi: Contact person and content expert for Museo degli Argenti. She has also performed the tests in charge of Museo degli Argenti

The information of the new project manager are, as in the updated CPF:

giorgetti@civita.it

Phone: +39 06 69203211

Fax: +39 06 6796467



3.4 Ressources usage

The following resources have been dedicated by the partners during the reporting period:

Period	2002-04-01 – 2002-09-30
---------------	-------------------------

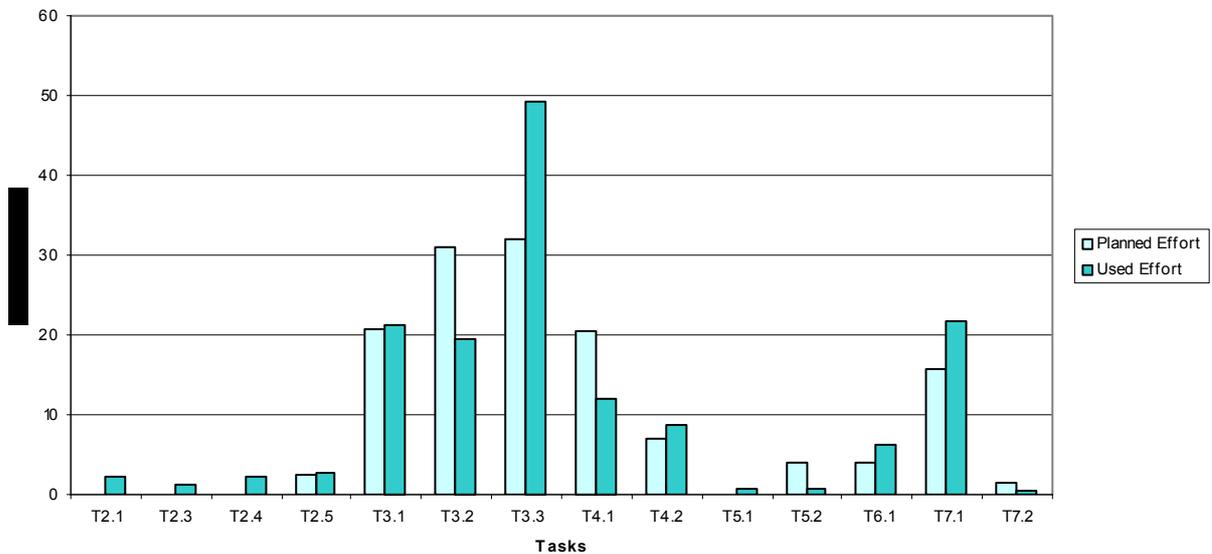
Planned effort per active task (Person*Months)											
Partners	T2.5	T3.1	T3.2	T3.3	T4.1	T4.2	T5.2	T6.1	T7.1	T7.2	Planned
AIT	0,5	1	2	4	0,375	0,75		0,25	3		11,875
ONB		1	1		1,875		0,5	0,25	0,25		4,875
SR				3		0,375		0,25	3		6,625
IMAC	1	1	3	1	1,4625		0,5	0,25	1,5		9,7125
SUL		1	3		1,875			0,25	0,5		6,625
LMG		1	1		1,125						3,125
NRM		1	1		1,125						3,125
KVA		1	1		1,125						3,125
TARX	0,9	1	3	2	1,125	0,6375	0,5	0,25	1		10,4125
MECH		1	1		1,125						3,125
MUS		1	1		1,125		0,5	0,25			3,875
MOT				3		0,375	0,5	0,25	0,75	1,5	6,375
SPAC								0,25	1		1,25
ALI		1	1		1,125						3,125
CC		2,75			0,3375			0,5			3,5875
IAT		1	3		1,125			0,25	0,5		5,875
GRAN		1	1		1,125						3,125
ICCS		1	3		2,25		0,5	0,25	0,5		7,5
ZEUS		1	3	5	1,125	0,375		0,25	1,25		12
SI				3		0,375			0,5		3,875
CERT				3					0,5		3,5
VALT		3	3	8	1,125	4,125	1	0,5	1,5		22,25
TINC											0
Total	2,4	20,75	31	32	20,550	7,0125	4	4	15,75	1,5	138,9625



Effort resources used for the reporting period (Person*Months)															
Partners	T2.1	T2.3	T2.4	T2.5	T3.1	T3.2	T3.3	T4.1	T4.2	T5.1	T5.2	T6.1	T7.1	T7.2	Total
AIT		1,28	0,28	0,13		3,2	3,51	0,08	1,76			0,62	4,75		15,61
ONB				0,01	0,84	0,55		0,32				0,44	0,44		2,6
SR							6,58		1,06			0,24	1,99		9,87
IMAC				2	4,45	0,7	1,5	0,7				0,55	2,15		12,05
SUL					0,9										0,9
LMG						0,61									0,61
NRM															0
KVA					0,5	0,5									1
TARX				0,61	1,1	3,12	2,02	0,81	0,37		0,39	0,4	1,33		10,15
MECH					1,12	1,06		0,9							3,08
MUS	0,55				1	0,15									1,7
MOT							8,01				0,06		0,33	0,4	8,8
SPAC					0,3		1,1					0,2	1,08		2,68
ALI	0,4				1	1		2,4				0,5			5,3
CC	0,75				1,85										2,6
IAT	0,6				1,2	0,5	0,5	0,4		0,5		1	1		5,7
GRAN					1	1		0,5							2,5
ICCS					1,25	3,1		3,5			0,25	0,425	0,65		9,175
ZEUS					1	3	5	1,5	0,5	0,25		0,25	1,25		12,75
SI					1,75		3		1,75				0,5		7
CERT							10		1,43				1,43		12,86
VALT			2		2	1	8	1	2			1	4		21
TINC												0,7	0,8		1,5
Total	2,3	1,28	2,28	2,75	21,26	19,49	49,22	12,11	8,87	0,75	0,7	6,325	21,7	0,4	149,435



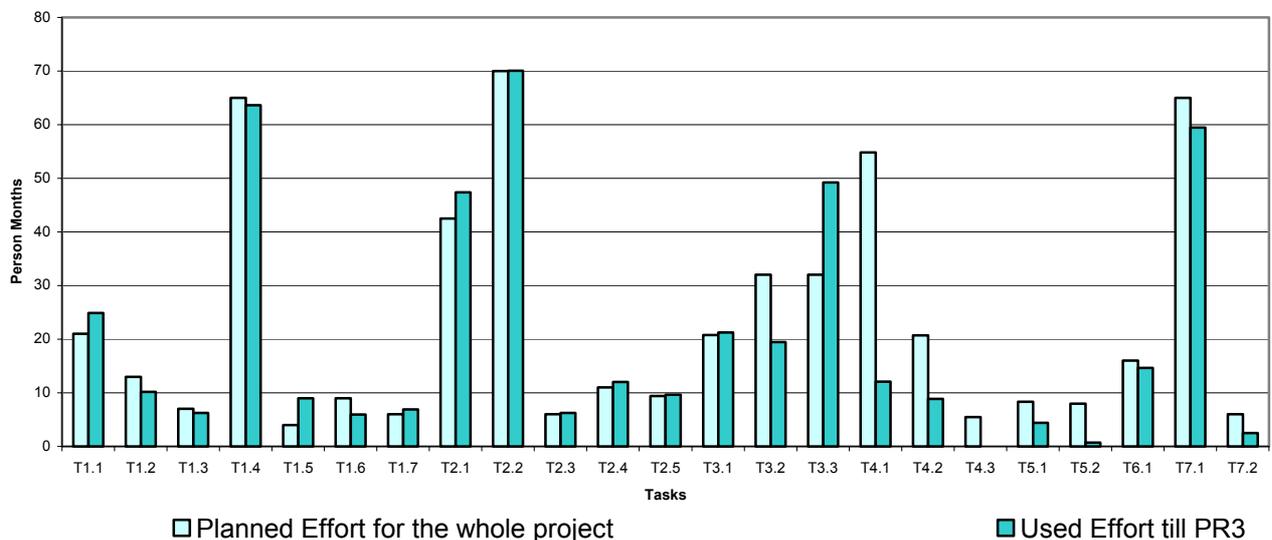
Distribution of Resources Effort for the third reporting period within REGNET



3.5 Project overall resource status

Cumulative Project effort in person-months				
Originally		Period	Actually	
Plan.	Cumul.		Spent	Cumul.
152	152	2001-04-01 – 2001-09-30	154,01	154,01
163,5	315,5	2001-10-01 – 2002-03-31	161,24	315,25
138,9625	454,4625	2002-04-01 – 2002-09-30	149,435	464,685

Total Resources Effort Distribution





3.6 Status and schedule of Deliverables

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 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.



3.7 Project Meetings

The five main project meetings in this period were the Technical Team Group meeting in Graz, the Extended Project Meeting in Sofia, the Review Preparation and the Review Meetings on the 4th and 5th of July, and the Content Team Group meeting in Mechelen.

AIT Summary of meetings

Type: REGNET Project Team Group Meeting (Technical Group) **PTG09**

Date: 2002-05-13 to 2002-05-14

Location: Turin

Presentation of status of technical work for each module and ranking of Use Cases according to the recommended quality levels.

Multilingual support should be provided for English, Dutch, German, Swedish, Cyrillic and Spanish. Translation effort can be done by native speaking partners.

Type: Extended Project Management Meeting **PMG04**

Date: 2002-06-24 to 2002-06-25

Location: Sofia

Status of all work within the project, and further planning. Preparation for the demonstration at the 2nd project Review. Presentation of all technical components. Presentation of digitizing activities of the content partners. Status of dissemination work. Overall project management issues (clarification of the future SPAC contribution.)

Type: REGNET Review Meeting **REV02**

Date: 2002-07-03 to 2002-07-05

Location: Luxembourg

Preparatory meeting for the Review on the 3rd of July. Review meeting for REGNET on the 4th of July. 5th of July: Clustering issues and issues with SPAC and TINC.

The second Review Meeting ended with a green light from the commission.

Type: Project Team Group Meeting (Content Group) **PMG13**

Date: 2002-09-02 to 2002-09-03

Location: Mechelen

Usability Testing results and validation of REGNET tools. Further steps to be taken towards demonstration.

SR

The following meetings were held in the reporting period and where relevant for the development of the Electronic Publishing component:

- Technical meeting in Turin, 13-14.5.02
- Project Management Group meeting in Sofia, 24-26.5.02

Technical Meeting Turin

- The functionalities of different REGNET components has been assessed according to the Use-Cases defined in D2. For the further development the open functionalities have been prioritized to allow a concentration of the development effort on the most valuable functionalities of the REGNET system.
- Multilingual support should be available in English, Dutch, German, Swedish, Cyrillic, and Spanish.



- A preliminary portal structure was defined.

PMG Meeting Sofia

- A test plan was defined and responsibilities for tests of different REGNET components were defined.
- The integration of third party tools - Macromedia - was decided.

IMAC

Type: Project Management Meeting and Project Team Group Meeting (Content Group)

Date: 2002-06-24 to 2002-06-26

Location: Sofia, Bulgaria

This meeting was dedicated to validation issues as to be handled during WP 3. Accordingly the validation concept together with the test material (questionnaires, checklists, etc.) were presented, discussed and refined in specialized working groups (in the Content Group). All tools developed so far were presented to the whole group, first feedback was collected and the next steps were planned respectively agreed upon. Due to the fact that the validation should start with functional tests mainly the processing of this kind of tests were specified and synchronized between the two groups – technical partners and content providers. As one of the most important findings a matrix was worked out in the group, clearly stating responsibilities at the side of the content provider and technical partners. This should be the basis for the whole test effort within the following weeks.

Another important issue to be handled was the data conversion, that means a presentation of the methodology used for the conversion of content contributions in order to provide them in the REGNET demonstrator (standards, mapping, internal data structure).

Type: Project Team Group Meeting (Content Group)

Date: 2002-09-02 to 2002-09-03

Location: Mechelen, Belgium

The main intention of this Team Group Meeting was the collection and discussion of first impressions and already reporting results of the testing phase. As an addition usability testing was prepared and planned: in small expert working groups scenarios for the usability tests were worked out, responsibilities were assigned to the content partners. With regard to the CSC development first activities were presented as a model for further work also in the demonstration phase, e. g. the establishment of REGNET testbeds. As a contribution to the definition of the product and service portfolio of the CSCs all participants were asked to formulate their concrete needs and expectations during a brainstorming session. According to this future value-added services could be for instance: - tools for data management (digital catalogues, virtual galleries), the presentation in the Web in order to enhance the visibility of artists, museums etc. together with search and retrieval facilities for internal purposes (e. g. search for partners and objects in order to organize exhibitions), as well as for research issues and for the end user, e-Publishing facilities whereas Macromedia was seen as the “minimum” in order to get into the market and e-Commerce tools. It was agreed upon that the discussion should not focus on products and concrete software packages (such as Macromedia or Flash or what else), but instead on the service discussion and development (e. g. marketing services for museums, consultancy). As one necessary requirement for all future activities REGNET should produce a brand, a certification. A possible starting point for the definition of an USP of REGNET services could be: innovative, new technologies & the combination (!) of different tools (full-service approach). The whole CSC discussion should not focus on products but on services!

From the project management point of view an important decision was made: WP 3 should be extended until the end of September, then WP 4 should start - according to the contract external users should be invited here to participate (most important precondition: the tools must be “good” enough). First feedback from external users were already given (referring to the search & retrieval interface): Interface must look like “Google”, a distinction between “end user” and “professional user” is necessary.



4 Summary of most significant problems and decisions

AIT

No significant problems are to be reported in this period. The delay within the start of WP3 and WP4 has been described in the previous chapter and remains within the buffer span of the REGNET overall concept. The formally open issues regarding the data entry tool with SPAC could be regarded as solved. The related budget shift took place in parts. The necessary effort transfer for the market preparation task (for which other partners took over responsibility) remains open, due to the refusal of TINC to agree to a suggested shift of budget. TINC is not carrying out their work in the framework of the project since April 1, 2002 (see TINC's own statement written down in the 2nd official REGNET Review report, page 36 of this progress report.). Nevertheless TINC has access to the REGNET internal knowledgebase (internal web site) till today. The REGNET mailing lists are an additional instrument of communication for principal and assistant contractors while carrying out their work in the framework of the project.

SR

To allow the REGNET consortium a broad access to different publishing components it was agreed in the Turin meeting to focus the remaining efforts in T4.2 on the evaluation of integration possibilities of commercial tools, namely Macromedia tools.

CC

T2.1: The Italian Museum involved in REGNET, Musei Capitolini, has expressed its problem in providing the digital contents already produced for REGNET, due to property rights issues.

CC has attended some meetings in June with the Musei Capitolini management in order to solve this issue. Up to now the Musei Capitolini is convinced to proceed in REGNET, waiting to read a formal agreement between Museums and REGNET, concerning the property right issue, and in order to clarify its position and role in the EEIG.

TINC

On 01/08/02 the second Review Report has been distributed to the consortium. Concerning the issue which has sparked the dispute – that is to say, the refusal of the coordinator to vet and pass over to EC TINC's 2nd CSC Europe – one can read that TINC's claimed cost in the 2nd CSC "can be considered necessary on the basis of the documentation supplied". The report recommended that "issues with TINC must be rapidly solved".

Since then TINC – in spite of the crystal-clear conclusions of the review team – received no invite to negotiate an amicable withdrawal. Inevitably management costs continued to accumulate.

At the end of September, the co-ordinator, further to his unilateralism, has cut off TINC from all REGNET mailing lists, and sent – for approval and signature – a proposal for a "cost shift" in which no costs are supposed to be incurred by TINC in the period under report.

TINC will never be able to sign a document not acknowledging the cost it has actually incurred in the period under report – a third and final Costs Statement has been prepared on the basis of documented expenses and duly signed. TINC management has therefore decided to send directly to EC all documents it deems suitable to finally conclude its participation to the project, at the evidence that no positive conclusion can be reached with the co-ordinator.

Statement of progress:

Further to the unresolved dispute concerning the outcome of T2.5 with AIT, TINC has ceased any contribution to technical tasks in REGNET.



5 Dissemination actions

AIT

Presentation of REGNET at the Cultural Heritage Round Table of the Austrian federal ministry on the 23th of April 2002.

Attendance and presentation of REGNET at the RLG meeting (Research Library Group) on the 24th of April 2002 at Amsterdam.

Possible project cooperation between the recently established Steinbeis Transfer Centre, for information management in cultural heritage informatics on the 25th of April 2002 at Stuttgart.

Presentation of the REGNET project during the DLM-Forum and scientific committee meeting on the 7th to the 8th of May 2002 at Barcelona.

Presentation of REGNET at the Cultural Heritage Round Table of the Austrian federal ministry on the 21th of May 2002.

Preparation work and presentation of REGNET at the Austrian National Information Day on the 13th of June 2002, at Vienna.

“Electronic Description and Edition of Slavic Sources” – conference & workshop; Bulgaria, 24-26/9/2002.

27th National Austrian Libraries Day – conference, 9-14/9/2002.

LIBER 31st Annual General Conference 2002, 5 July 2002.

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.

ONB

ONB presented (lecture) ONB and REGNET activities at the European Conference (National Representatives Group Meeting) in Alicante/Spain: “Good practices for digitisation of cultural contents” from may 16th to 17th 2002.

In collaboration with AIT, ONB co-organised a Seminar on “Content and Metadata Management with TeXtML Server” (05.08.2002, Vienna/Austria at the premises of ONB), targeted at the users and developers of cultural databases.

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

- Presentation of the idea and the concepts behind REGNET in the Austrian Science Week 2002, 7th to 15th June
- Presentation at meeting of the steering committee of the “Digital Media Cluster-Salzburg”
- 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

- Silke Grossmann, Josef Herget



Museen in der vernetzten Welt sind Realität: Internet, Standards und Kooperationen [Article was published in German]

VMS Bulletin. <http://www.vms-ams.ch/>

70.2002 (July 2002)

- Silke Grossmann, Josef Herget

REGNET Portal – A New generation of information systems for the cultural economy. concept, functionalities, applications

EVA Conference Proceedings <http://www.eva-berlin.de>

EVA 2002 (November 2002)

- Museum-Shops ans Internet

Not published

Not published

Short article about the REGNET project as for a publication in a local newspaper.

- Silke Grossmann

Planned article: Towards an usable system - Methods of validation within the REGNET project.

REGNET Publication

October/November 2002

- Seminar (restricted group)

24. October 2002

Zürich, Schweizerisches Landesmuseum

Information event on the REGNET project, the tools and possibilities to participate. Organized by IMAC and the official museum organisation VMS-AMS. Mainly museums to be invited to participate. This event is already part of the demonstration phase, should serve as a starting point for the REGNET Testbed for German-speaking countries and could also be a model for the other partners to plan similar "demonstration" and information dissemination events.

TARX

In different areas and on different levels dissemination activities were carried out, every time with a presentation of the REGNET-strategy in public or face to face:

Potential partners for collaboration:

- Information day RLG (Research Library Group) in Amsterdam.
- Explorative talks with printing and translations bureaus in Belgium

Governmental initiatives:

- Meeting IWT (Institute for renovation through science and technology) in Brussels

International conferences:

- Conference "Heritage, new technologies and local development" in Gent Belgium

Tourism:

- Meeting with the city guides of Oudenaarde Belgium

Standardisation bodies:

- bilateral contacts with Ontopia and Steve Pepper, both active members as a company and as member of the standardisation committee concerning topic maps.

Publishing:

- "Data structures for Topic Maps" for the Proceedings of the Sofia meeting.

Scheduled dissemination activities:

- Participation in "Convergences of web services, grid services and the semantic web for delivering services" Brussels, December 2002.
- Bilateral contacts in the archival sector
- Foundation of CSC Low Countries
- Collaborative talks with Flanders Multimedia Valley.



SPAC

As leader of WP 6 "Information Dissemination" SPAC has produced the following documents:

- third updated version of IR6.1 (June 2002), presented during the Sofia Consortium Meeting.

As one of the 15 partners involved in WP6 SPAC has carried out the following activities:

- The REGNET project has been presented like an interesting case (B2B, B2C and C2C) inside lessons held by P.Alongi to the "Models and Multimedia System for e-Business applications" seminar, within the "Master in Multimedia" course organized by the Florence University on last July. (<http://www.mastermultimedia.unifi.it/>)
- Brief contribution on dissemination activities of the Consortium has been sent to ICCS in order to be included into the Sofia Meeting Proceeding.

ALI

1- Dissemination : in Lugano (Switzerland) 04-06 June 2002 (RN_T61v01_dissemination_ALI01.doc). Brochures printing and distribution.

2- Dissemination activity: ECDL2002 Conference in Rome (Italy) at the Pontifical University (RN_T61v05_dissemination_ALI.doc)

IAT

Dissemination activities were carried out mainly by Miguel A. Granero. Several e-commerce conferences were held in different cities such as Cádiz, Málaga, Córdoba, Jaén and Almería. The REGNET Project was explained in all of them.

GRAN

In order to do the assignments of the Sofia meeting (24th – 26th of June 2002), we produced a CD of the INCívics collection displayed in the REGNET project. Afterwards the meeting, the CD was distributed in the local TV, "Granollers TV", and has been broadcast during these months. Also, the past 14th of September within the presentation of the Cultural season in Granollers, the video was showed again in front of the local citizenship in Granollers.

Author(s) Pere Báscones, Montse Grau and Vanesa Freixa

Title INCívics. Emerging Art

Kind of contribution Video

Support CD

Length 22 min.

Producers Granollers City Council REGNET (Cultural Heritage in Regional Networks) – IST-2000-26336

Abstract (max 1000 characters): Presentation of the INCívics' collection that has been selected for the REGNET project. There are 18 interviews to the 20 artists that take part in the project. They speak about their work, the expectations (the wills and the hopes) that they have in the REGNET project and also their future projects or plans. Also the video shows a sample of the artworks of the collection that will be showed in the REGNET website.

ICCS

- Paper in a journal has been published :

* T.Stoilov. Distributed Data Search in the Project REGNET, Journal "Automatics and Informatics", No2, 2002, p.63.

- Presentation of REGNET on International Conferences

* K.Stoilova, T.Stoilov. The Project REGNET – a Network of Information Services and Service nodes. International Conference, 30 May-1 June 2002, Plovdiv, Bulgaria (Proceeding to be appeared in Bulgarian).



* K.Stoilova, T.Stoilov. E-Services in the Network of Service Centers REGNET. Conference on Informatics and Business management, 13-15 June 2002, Varna, Bulgaria (Proceedings to be appeared in Bulgarian).

* M.Tzenov. E-Shop in REGNET project. Conference on Informatics and Business management, 13-15 June 2002, Varna, Bulgaria (Proceedings to be appeared in Bulgarian).

* K.Stoilova, T.Stoilov. Application of Z39.50 Protocol for Distributed Search in REGNET Project. Conference Computers, Systems, Technologies-ComSysTech'2002, 20-21 June 2002, Sofia, p.III.2.1-1 – III.2.1-6.

* M.Tzenov. Application of SOAP protocol in E-commerce solutions, IEEE Symposium "Intelligent Systems", 10-12 September 2002, Varna, Bulgaria, vol. III, p.59-62.

- Short Paper in a catalogue of Bulgarian leaders has been published :

* T.Stoilov. Regional Networks of Culture Heritage – REGNET project. In Catalogue "Leaders 2002: Internet, Networks, Communications, Photography, Audio and video, Sofia, No4, 2002, p.101-102, / www.leaders-bg.com/.

- Activity for publishing a Proceeding of REGNET project

ICCS attracted additional funds to publish the working papers presented on the REGNET working meeting in Sofia, 24-25.06.2002. This proceeding will be devoted for the development and the results of the REGNET project and the REGNET partners.

VALT

Redaction and publication on <http://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 (Single European Electronic Market) workshop un Brussels (October, 1 2002)
(http://europa.eu.int/information_society/topics/ebusiness/ecommerce/seem/index_en.htm).

TINC

TINC presented REGNET at two major events held in China in April 2002.

The first event was EVA Beijing 2002 held at the ZIGUANG INTERNATIONAL CONFERENCE HALL, TSINGHUA UNIVERSITY, from 12 to 14 April 2002. Its objectives are: Civilisation, Creativity & Communication – Co-operation between China, Japan & Europe.

The second event was EuroChina 2002 held at the World Trade Centre China from 16 to 20 April 2002. Euro china 2002 is a Co-operation Forum on the Information Society, organised with the objective of giving European organisations a unique opportunity to establish links with Chinese organisations.



6 Deviations from Plan

Task	Deviation description	Recommended Solutions
2.1	CC Content production	CC The activity assigned to CC related to the digitalisation of contents and description of them has been extended from end of March to middle of June, as already agreed with the Project Coordinator.
3.1	KVA We could not hire the person we wanted.	KVA Project manager (Karl Grandin) did some of the job instead.
3.1 & 4.x	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.	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. <i>(NB: request was formally approved by AIT)</i>
3.2	KVA We could not hire the person we wanted.	KVA Project manager (Karl Grandin) did some of the job instead.
4.2	KVA Work has not started.	KVA This work will start in next reporting period.

TARX

As far as TARX is concerned the two major influencing factors for some changes in work and planning were the growing importance of the Topic Map paradigm and the strategic decision to make more use of existing packages for e-publishing.

Topic maps seems to become an important means to bring order in the info glut of complex and abundant information resources. It is of the utmost importance to include this paradigm into the REGNET project for a more guided walk trough mechanism of the cultural heritage data. Part of the REGNET information resources will be addressed by topic maps.

For the e-Publishing part, one of the conclusions was that it should be beneficial for REGNET to integrate existing multimedia authoring and publishing tools instead of trying to reinvent the wheel. All remaining efforts will be devoted to this strategy, focussing on exchanging data in real time between REGNET and the respective packages.

ALI

The test phase required more efforts than foreseen. It is due to the portal slowness and uncompleted functionalities. The problem has been discussed in Mechelen's meeting.



7 Plan for the next Reporting Period

For an overall statement on the work to be carried out within the next work phase please see point 3.1.1 "Outlook on the second project year" of this report.

AIT

Task 4.1

AIT will organize a national demonstration testbed for cultural heritage institutions in Austria. Initial planning for this phase will now be executed.

Task 4.2

Within this work package AIT will contribute to the refinement of the system.

- Refinement of the Data Entry System
- Content providers databases: further work on data integrity and data structure

Task 4.3

AIT will analyse the results of the AUSTRIAN national REGNET testbed trial services.

Task 5.2

AIT will further develop its exploitation plan. The results will be reported in deliverable D12.

Task 6.1

Participation in the following dissemination events are planned for autumn 2002:

EVA 2002 Berlin, Electronic Imaging & Visual Artsconference & workshop (11/2002)

Inventarisierung im Landesmuseum, Graz – seminar, workshop (10/2002)

Further dissemination will be executed during the national demonstration phase and the integration of external test users for REGNET.

Task 7.1

- Contract management (finalizing the signature process of the consortium agreement, cost shift management, partner details management...)
- Organization of coming meetings, reviews etc.
- Preparation of reports, cost statements and additional information on partner level (AIT) and compound consortium level (REGNET)
- Participation in the technical board of the Cluster Committee (Cluster with OpenHeritage)
- Overall project resources management
- final editing of deliverables
- observing the overall technical solution (standards, design, implementation, interoperability, ...) and act as moderator in case of conflicts.
- constantly updating the project web server and managing a discussion forum via web.
- constantly updating the project public web site.
- internal project control (for software development done by AIT)

ONB

During the next reporting period (01.10.2002 – 31.03.2003), ONB will finalize validation of the REGNET Data entry tool and prepare the demonstration of the system. ONB will focus on the presentation of the content it provided (1.2 mio. catalogue cards describing ONB's picture archive holdings, contributions to the themes Habsburg ("Empress Elisabeth"), Botany and the Tour d'Horizon ("Top ten pieces"), the Topic map contribution "Primisser genealogy of the Habsburgs"). The integration of the card catalogue including Web Ordering facility in the REGNET System has been prepared in close cooperation with technical partner and coordinator AIT, and from ONB's point of



view, most problems could be solved. Nevertheless, for demonstration issues improvements have still to be made. The same applies for the data entry input tool, where the validation phase was not only dedicated to check predefined functions, but also for formulating and implementing additional features. The focus is therefore on finalizing the validation phase, and collaborate on the implementation of the demonstration plan including a definition of demonstration strategies, the setting up of a reference model, feedback and documentation.

SR

As mentioned in chapter 4, the remaining efforts for the Electronic Publishing component will be focused on the evaluation of commercial tools, namely Macromedia tools. Therefore, SR will focus on integration possibilities of Macromedia Director and Macromedia Authorware into the REGNET system. The integration will primary focus on the aspect of data integration, i.e. the integration options for the document structure defined within REGNET (the REGNET DTD) will be evaluated by a demonstrator. Further SFRG will disseminate the REGNET results in the community of the digital culture by reporting and giving feedback to the "DigiCULT Forum" and national boards.

IMAC

The next period is dedicated to the demonstration (WP 4) which will start with a small delay at 1. October 2002. The main focus of our demonstration work will be a. usability testing integrating external user groups and b. demonstration of the REGNET system and collecting feedback by establishing a REGNET Testbed site for German-speaking countries. Using the (specific) REGNET Testbed, tools could be tested on the basis of own test data. The conversion respectively import of new test data will be part of the work in WP 4 - if the activities to promote will be successful, i. e. it would be possible to attract new participants.

In order to support all demonstration activities checklists, guidelines and questionnaires will be worked out. The necessary material could be prepared on the basis of the material produced for (internal) validation purposes (adapting the material). One important part of the work will be the provision of all necessary material in German and also in English in order to offer it for further usage within the whole consortium. It is planned to prepare case studies in order to demonstrate how information dissemination and demonstration activities could be performed.

LMG

Translating the Saints database is to be done.

Adding pictures to the shop database is also to be done.

KVA

During the next reporting period, we will start the demonstration phase. We are actively seeking people to employ for this part. Some adjustments to our parts of the system may still have to be done. We are collaborating with SUL on the preparation of the demonstration phase.

TARX

1. Guide and streamline the demonstration phase in tandem with IMAC.
2. Extension of the FAYDHERBE production towards a full tourist information means for persons physically visiting Mechelen or browsing the Mechelen web site (=demonstrator).
3. Finishing the conversion program for topic maps (Spreadsheet to XTM)
4. Establish CSC Low Countries.
5. Support, test and enhance the internationalisation and regional aspects of the REGNET project, especially the multilingual aspects.

MECH

1. Assessment of the FAYDHERBE production and the MECH collection by internal staff and external users
2. Extension of the FAYDHERBE production towards a full tourist information means for persons physically visiting Mechelen or browsing the Mechelen web site.



3. Start with a second, more educational production (such as KIJKERK)
4. Continue to feed the REGNET database with MECH data in order to set up joint exhibitions based on a specific theme.
5. Work out with MUS a common base of topics to be used in different topic maps.

MUS

WP3.1 Validation of the REGNET-Demonstrator

The usability testing on the second version of the REGNET system will be carried out in a more condensed and intensive way than foreseen. In this task Museon will work on the Auction system, Procurement and Topic Maps.

WP4.1 Execution of the demonstration phase

This is the main task for the coming period. Museon will apply the foreseen services, evaluate them and the output of the REGNET system as to deliver information on the fine-tuning of it, this will be done in task 4.3.1.

MOT

During WP4 continue the refinement of Portal structure based on Partners feedbacks and test results. Release of version 3.0 of the Portal.

We will also concentrate our efforts on the following tasks:

- Development of an advanced wireless version of the Portal;
- Integration of the new subsystem features that will be made available during WP3;

SPAC

Task 3.3: SPACE have to complete the release of the Index+ Gateway component and all the related reporting. Reports will consist on describing the Index+ DB mechanism and potentiality, describing the collection has been taken from OH (Museo CHINI) as a joint point between the clustered project. Additionally an installation guide and a User guide will be provided.

Task 6.1: Continuing the monitoring of dissemination activities, gathering partners contribution and taking care of new events and conferences to be proposed to partners.

ALI

- Demonstration phase of the portal.
- Validation and usability tests taking concrete working situations into account.

CC

As soon as CC will receive a formal approval of its resources reshaping, we will finalise the work requested by the coordinator in Mechelen. We have already check the amount of work still to be done in WP3 and WP4, and we are confident to finalise it in 3-4 weeks, at maximum .

IAT

Next semester is planned to be one of our busiest as we will play the leader role in T4.3. Our main task will be the evaluation of the system.



GRAN

The Plan for the next reporting period is, from the GRAN opinion, to achieve the milestones in the times foreseen. We have to do the Usability Tests, but it seems that the project is in stand by. Not much feedback are performed through e-mail. The partners do not follow the new plan scheduled in Mechelen, so it will means more delay in the process.

ICCS

- Validation of the REGNET system and REGNET functionalities
- Including the Contemporary Bulgarian Art in English and in Bulgarian language in CSC-Austria
- Preparation for the collecting the reports of REGNET partners
- Integration to REGNET system of other Bulgarian users
- Preparation of reports on
 - International Conference, which will hold in Sofia-Bulgaria 5-6 of November 2002
 - Proceedings of the Sofia Working meeting, 24-25 of June 2002

ZEUS

The main effort of ZEUS Consulting S.A. will be focused on the following tasks:

- Task 4.1: Execution of the demonstration phase
- Task 4.2: Refinement of the system and services
- Task 4.3: Analysis of the trial services, assessment and evaluation of the system.
- Task 5.1: Development of a Technology implementation plan
- Task 6.1: Information Dissemination
- Task 7.1: Project Management

In more concrete words, ZEUS Consulting S.A. will actively contribute in the demonstration phase and to the refinement of the provided services to the content providers. Furthermore, will assist in the analysis of the trial services and and will contribute in the evaluation of the REGNET system.

A great part of ZEUS Consulting S.A. will also focus on the Technology Implementation Plan, in the dissemination of the REGNET project and its results and of course in the project management

SI

- Integration of the EDIT component to the Electronic Publisher and to the Search and Retrieval components.
- Integration of the Visual Interface of Topic Maps (2D/3D) to the portal.
- Detailed testing and improvement of the developed components (ontology node).

CERT

CERT will continue working on system refinement (specifically in the ontology system and the Topic Map Generator tool) and will also be involved in the preparation of the demonstration.

VALT

The next period will be mainly dedicated to the demonstration and evaluation of the REGNET System. Valtech is responsible for task 4.2 "refinement of system and services". We will develop new functionalities according to user needs.

Valtech will take part to task 4.1 "execution of the demonstration phase". We will host the system and correct bugs.

During this work-package Valtech will continue to manage the technical development of the REGNET System.

TINC

TINC officially with draws from the project as per the end of the reported period, hence there is no plan for the next reporting period.



8 Other managerial aspects

AIT

Overall project status:

The project working progress is in line with the overall project planning according to the contract. The project is already well known in the cultural heritage field and new partnerships and cooperation are under discussion. The Cultural Service Centre EEIG, has been established on the 21st of June 2002 under registration number FN 223415b, at Graz, Austria. The EEIG will function as the strategic legal framework for the already founded and future Cultural Service Centres which will be operating as spin-offs of the REGNET project, offering value-added REGNET services to the cultural heritage domain in Europe. Even more this new organisation shall guarantee a future common working and also business platform for interested partners after project end.