# REGNET

## Cultural Heritage in REGional NETworks

## Deliverable Report D13

# REGNET – Information Dissemination Activities

| Project acronym | REGNET | Contract nr. | IST-2000-26336 |
|---|---|---|---|
| Type and Number | D13 – REGNET – Information Dissemination Activities | | |
| Work package | WP6 – Information Dissemination | | |
| Task | T 6.1 Set-up of a Legal Framework and Partnership Model | | |
| Date of delivery | 2003-03-10 | | |
| Code name | RN_D13v02 | **Version** 02     draft ☑   final ☐ | |
| Objective | Report | | |
| Distribution Type | Public | | |
| Authors (Partner) | SPAC, AIT, ONB, SR, IMAC, SUL, TARX, MUS, MOT, CC, IAT, ZEUS, ICCS, VALT, TINC | | |
| Abstract | The deliverable contains the results of Work Package 6 concerning the dissemination activities carried out during the project lifespan and the forthcoming events. | | |
| Keywords List | Dissemination, events, conferences, meetings, publications, presentations web sites | | |

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# Executive Summary

This document includes the description of activities linked with dissemination and use of research results of the REGNET project. In particular it includes a description of the main dissemination activities during the project lifespan.

Chapter 1: introduced the strategy and methodology adopted in WP6

Chapter 2: gives an overview of the carried out activities in WP6 by category

Chapter 3: underline results reached in WP6

Appendix: List in a more detailed way, activities carried out by each partner

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# 1    Introduction

As is usually the case with EU projects, dissemination plays a very important role. The key dissemination channels have been studied and analysed during all the project lifespan in the WP6.

Within RegNet, emphasis will be given in promoting the project's position and results to conferences and workshops related to the field of cultural heritage, museum information technologies and cultural heritage regional models. Particular attention will also be paid at cultivating contacts and relations with other EU projects.

Whenever possible, the RegNet project is intended to develop a common platform to apply metadata schemas ensuring interoperability between all information resources in order to enhance the attractiveness of regional networks of less-famous memory institutions to improve their socio-economic role getting consensus among all related initiatives and involving advanced interactive multimedia solutions.

This process is culminating in the emergence of standards on metadata, and in the development of specifications to be used freely by any person, company or institution.

The WP6 is a collective effort by all the RegNet partners who will contribute input to conferences and journals. Thanks to the disseminations activities and the dissemination of the whole RegNet site, the main goal of the exploitation of the RegNet project should be the creation of a fully functional RegNet site with a big cultural database to be available on the web with a dual role: a promotional area for customers and a complete/powerful tool for added value services (i.e. professional publishing).

The aim of the dissemination of the RegNet project and its content is two-fold:

1. To widely disseminate information about the *RegNet* offer to the cultural heritage community in order to ensure early adopters of the technology within the institutions. This dissemination will be accomplished, among the other actions, by means of participation to conferences, workshops, seminars and specialized fairs.

2. Dissemination will also be directed to the participation of project members in relevant standardisation committees and workshops. Due the multidisciplinary (cultural institutions: museums, libraries, archives etc, cultural industries: new media enterprises, ASPs, etc) RegNet addresses different target groups: individuals, organizations, enterprises, and associations.

The Information dissemination of RegNet project has been done using different types of dissemination channels: Project WEB-Site, conferences, seminars, printed paper and electronic publications. Special attention has been drawn to the participation of project members in relevant standardisation committees and workshops. Due the multidisciplinary (cultural institutions: museums, libraries, archives etc, cultural industries: new media enterprises, ASPs, etc) RegNet addresses different target groups: individuals, organizations, enterprises, and associations.

## 1.1    Situation

The project started on April 2001. At an early stage (month 3 of 24), a **Task Brief (T6.1)** has been drawn up, shortly describing the Information Dissemination Acitvities as understood by the REGNET consortium in the Technical Annex.

Following the methodology outlined in the Task Brief, **a template** has then been designed in order to collect the contributions of the partners to WP6 *Information Dissemination* during the first year of the project. The template is organized in categories, which correspond to different types of dissemination channels.

The template has been distributed to the partners and included in **the first version of Interim Report 6.1**, finalized at month 5.

A **first updated version of Interim Report 6.1** has been presented at the first Review Meeting (month 7).

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The **second updated version** presented and analysed the dissemination activities carried out during the period 1st November 2001 – 31st January 2002 (months 8-10). The document also provided a programme of foreseen activities, as reported by the partners via the template.

The **third updated version** (named version 4) presents and analyses the dissemination activities carried out 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 via the template.

This **fifth updated version** presents and analyses the dissemination activities carried out during the period 1st May 2002 – 30th September 2002 (months 14-18). The document follows the same process as the previous versions.

| Document | version | delivered |
|---|---|---|
| Task Brief 6.1 | Final | Month 3 |
| Interim Report 6.1 | First | Month 5 |
| Interim Report 6.1 v01 | Updated | Month 7 |
| Interim Report 6.1 v02 | Updated | Month 10 |
| Interim Report 6.1 v04 | Updated | Month 13 |
| Interim Report 6.1 v05 | Updated | Month 18 |
| Deliverable D13 | Current ducument | To be delivered at month 24 |

The current deliverable gathers and harmonizes all the information carried out during the entire project timeframe.

## 1.2 Purpose

The aim of IR6.1, quarterly updated, was to provide a detailed description of carried out activities and a plan of foreseen activities on the basis of the inputs supplied by the partners through a template regularly updated.
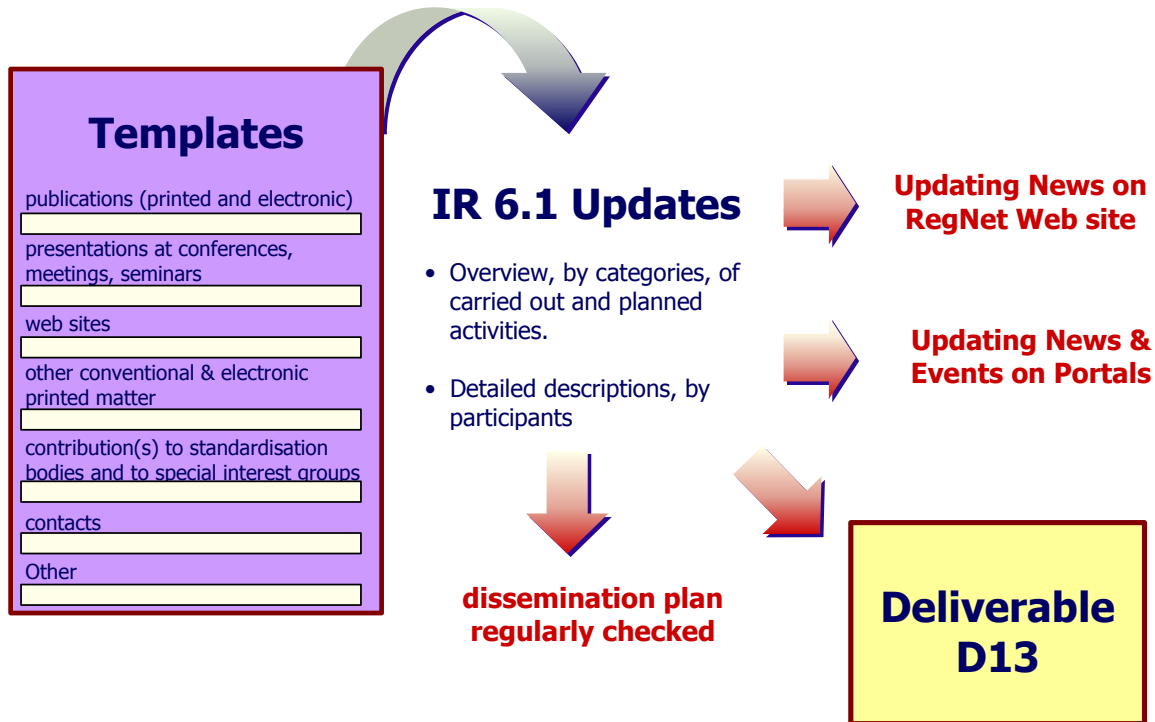
Interim Report 6.1 -which has been converged into D13 *Information Dissemination Activities*- is thus been considered a living document throughout the entire project timeframe.

The mining of the Interim Report was also to give input to RegNet web site by updating news and events and to check if the dissemination plan was going inline with expectations.

## 1.3 Overview

This deliverable is organized as follows:

- a general view, by categories, of carried out and planned activities (section 2);
- a detailed presentation, by participants, of carried out and planned activities (section 3);
- a list of forthcoming events where Regnet Project could be presented (section 4).

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## 1.4 Partners involved

As stated in the Technical Annex, 15 partners (Task Leader in bold) contribute to WP6 *Information Dissemination.*

| Partner n° | Partner short name | Person/ month |
|---|---|---|
| 1 | AIT | 1 |
| 2 | ONB | 1 |
| 3 | SR | 1 |
| 4 | IMAC | 1 |
| 5 | SUL | 1 |
| 9 | TARX | 1 |
| 11 | MUS | 1 |
| 12 | MOT | 1 |
| **13** | **SPAC** | 1 |
| 15 | CC | 2 |
| 16 | IAT | 1 |
| 18 | ICCS | 1 |
| 19 | ZEUS | 1 |
| 22 | VALT | 2 |
| 23 | TINC | 1 |

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# 2 Overview of carried out activities by categories

This section provides a general view, by categories, of carried out activities activities in chronological order.

The categories correspond to the dissemination channels firstly identified in the Technical Annex and subsequently specified in the template distributed to the partners involved in WP6:

- publications (printed and electronic)

- presentations at conferences, meetings, seminars

- web sites

- other conventional and/or electronic printed matter

- contribution(s) to standardisation bodies and contributions to special interest groups

- contacts

- other

Detailed descriptions of the activities can be found in Appendix.

## 2.1 Publications (printed and electronic)

Publications mainly focused on the cultural and technological sections of newspapers and magazines covering a wide potential of RegNet-customers and users. In addition, lectures and publications within the standard activities of the involved partners.
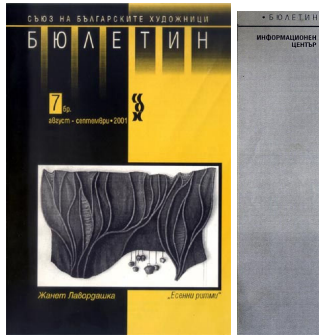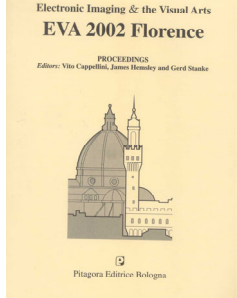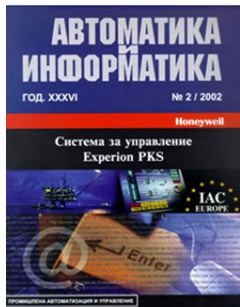
RegNet output published documents included 4 articles, 8 papers and several abstracts appeared in major scientific journals, books and conference proceedings.

All of RegNet's major publications and public information materials were posted on the project Web page. This resource, continuously updated, has become a major channel for distribution of information about RegNet, hoping to have a growing number of readers.

Hereafter the list of major publication made during the project lifespan

**T.Stoilov (ICCS)**

«REGNET: Culture Heritage in International Network »,

appears in Bulgarian Scientific Journal  "Automatics and Informatics", No 1-2, 2001, page 71.

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**T.Stoilov (ICCS),**

«REGNET - International Network for Access to the Culture Heritage »,

appears in "Bulletin of the Union of Bulgarian Artists", No 7, August - September 2001, page 6 (in Bulgarian).



**Silke Grossmann, Josef Herget (IMAC),**

«Cultural Heritage in Regional Networks – New Models, Concepts and information Systems for the Cultural Sector »,

Eva 2001 Berlin, 14-16 November 2001.

**Silke Grossmann, Josef Herget (IMAC)**,

«Regionales Kulturerbe in Globalen Netzwerken »,

Eva 2001 Berlin, 14-16 November 2001.

**G. Güntner (SR)**

«REGNET – Cultural Heritage in Regional Networks »

NOEO journal, Issue 0, November 2001

**IAT**,

«Patrimonio Cultural en Redes Regional (Cultural Heritage in Regional Nets) »,

*Andalucía Innovación*, n° 11, December 2001.

**Silke Grossmann (IMAC), Vic Haesaerts (TARX), Gerda Koch and Walter Koch (AIT) –**

«Cultural Heritage in Regional Networks: "The REGNET Project" »

February 2002. Report on the Regnet Project, which aims to set up a functional network of service centers in Europe, providing IT-services dedicated to Cultural Heritage organizations.

**Koch Walter, Koch Gerda (AIT),**

«IT-Infrastructure and Cooperative Models for CH-Organisations » – The REGNET model,

EVA 2002 Florence, 21 – 22 March 2002.



**T.Stoilov (ICCS),**

«Distributed Data Search in the Project REGNET »,

appears in Bulgarian Journal "Automatics and Informatics", No 2, 2002, p.63

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**Vic Haesaerts (TARX),**

«Data structures for topic map generation »

appears in "Proceedings of the Sofia meetings" 24-26-June 2002.

**M.Tzenov (ICCS),**

«Application of SOAP protocol in E-commerce solutions »

appears in "Proceeding of IEEE Symposium "Intelligent Systems", Varna, Bulgaria, 10-12.09.2002 Vol.III, p.59-62
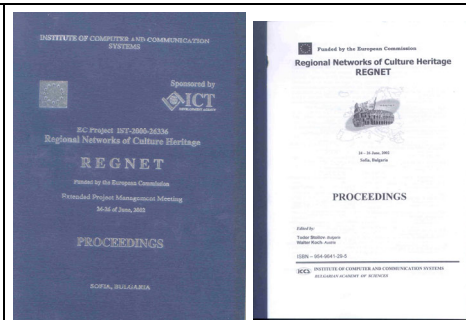
**IAT,**

«El Patrimonio Cultural también en Internet »

Some technical, industrial and economical publications (printed magazines) at regional level. Some of them have a web page too

**T.Stoilov (ICCS)**

«Evolution of Web Services in the Project Regnet »

Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002, ICCS-BAS, p.67 - 78.



**K. Stoilova (ICCS)**

«Content Management of the Bulgarian Art Objects in Regnet project »

Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002

**M.Cenov (ICCS)**

«Implementation of SOAP protocol in E-services. »

Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002

**Kr. Trichkov (ICCS)**

«Application of Z39.50 protocol for Global Network Services »

Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002

**P.Alongi (SPAC)**

«Dissemination Activities and Project promotion »

Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002

**S.Grossman (IMAC)**

«Towards an Usable System – Methods of Validation within the REGNET Project »

Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002

**C. Eichinger, E. Gams, M. Hufnagl (SR)**

« Web-based Publishing in the REGNET Project »

Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002

**I. Cantwell, C.O. Strandberg, K. Grandin (SUL-KVA)**

« Linnaeus and the Linnean tradition in the REGNET Project »

Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002

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| |
|---|
| **R. Schouten (MUS)**<br><br>« Museum roles in IST Research and Development Projects (R&D): possibilities, limitations and chances »<br><br>Proceedings of the Project Management Meeting, Regnet, EC-IST-200026336, 24-26 June 2002 |
| **J.P. Lorre (VALT)**<br><br>« REGNET: une mise en œuvre concrète de l'approche Web Services et du standard ebXML (REGNET a concrete approach of Web Services and ebXML) »<br><br>Dotnet guru: http://www.dotnetguru.org/, September, 2002 |
| **S. Grossmann, Dr. Josef Herget (IMAC)**<br><br>« REGNET Portal – A New generation of information systems for the cultural economy. concept, functionalities, applications »<br><br>EVA Berlin - Conference Proceedings, November 2002 |
| **W. Koch, G. Koch (AIT), S. Minelli, A. De Polo (ALI)**<br><br>«The REGNET Project – Developing a service structure for Cultural Heritage »<br><br>EVA 2003 Conference Proceedings, Florence, March 2003 |
| **P. Alongi, A.Craig, G.Scali (SPAC), W. Koch, G. Koch (AIT)**<br><br>«Trading of cultural rich media through the clustering of OpenHeritge and REGNET projects »<br><br>EVA 2003 Conference Proceedings, Florence, March 2003 |
| **E. Gams, G. Güntner (SR)**<br><br>(provisional) «Digitale Servicezentren für das Kulturerbe » (Digital cervice centres for the cultural heritage) »<br><br>NOEO journal, 02/2003, April 2003 |
| **R. Cicci, S. Ricaldone (MOT)**<br><br>« Third Generation Systems and Integrated Wireless Services »<br><br>IST-MWCS 2003 Summit |

## 2.2 Presentations at conferences, meetings, seminars

Conferences, meeting and seminars provided a great forum for presentation and discussion of new highly innovative developments in the Cultural field, ebusiness and ecommerce and issues related to individuals, organisations and markets in the emerging digital economy. These events also provide a room for paper presentation taking care of disseminating results achieved during the RegNet project.

All these events showed how emerging technologies are generating exciting research opportunities and new business ideas. These events aimed at everyone who wants to:

- learn about the latest developments
- exchange information and experiences
- make and renew contacts

The target groups usually addressed by RegNet participation to events are coming from two domains:

- Cultural Heritage
- New Economy

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In the field of CH the addressees are professional at CH organizations as well as the relevant client and the organizations themselves. There will also be information dissemination to national and international organizations like ICOM, CIMI or ICA. The second domain covers the evolving new media industries and internet and application services providers. RegNet will seek the cooperation of these organizations for common workshops as well as for the organization of special seminars (digitisation, eBusiness, etc). All these activities might also rise the potential of having new customers to the REGNET network.

A special event has been a conference, which was held in Vienna in Autumn 2002 and organized by the Austrian National Library. RegNet also provide input into the Cultivate Interactive journal. In close cooperation with the Austrian node of the Cultivate Network (CSC-Cultural Service Centre Austria) the project has been presented on several occasions and also be reported on the cultivate elist.

Hereafter is reported the list of the events where RegNet has attended:

- **Meeting**. *Board Meeting of the Scientific Committee of the Province of Salzburg.* Chiemseehof, Salzburg, Austria, 08 May, 2001, Presentation of REGNET to create more insight into the potential of the project to create regional cultural support networks driven by a common architectural approach

- **Conference** *International Conference on Computer, Systems and Technologies CompSysTech'2001*, Sofia, 21-22 June 2001. K. Stoilova and T. Stoilov (ICCS) present REGNET project with highlights on standards, applied in it, title was: "REGNET - International EC Funded Project".

- **Conference** *All-Russian Scientific Conference "Scientific Service in Internet"*, Novorossiysk, Russia, 24-29 September 2001. Svetlana Shlyapnikova, Dmitry Latukhin presented "Cultural Heritage in Regional Networks (REGNET project)".

- **Conference** *INTERNET-New Environment in the information Society*, Veliko Tarnovo, 10-13 October 2001. K. Stoilova and T. Stoilov (ICCS) gave a presentation entitled "Regnet – International Networks of Culture Heritage".

- **Conference** *Net user. International Internet Conference*, Sofia, 23-26 October 2001. Stoilov (ICCS) gave a presentation entitled "E-commerce in the field of the visual arts: Project Regnet".

- **Meeting** *Eur care 2000 Preparatory Meeting*, Graz, 5 November 2001. Walter Koch (AIT) gave a presentation of Regnet project.

- **Conference** *EVA 2001 Berlin*, Berlin, 14-16 November 2001. Silke Grossmann, Josef Herget (IMAC) gave a presentation entitled. "Cultural Heritage in Regional Networks – New Models, Concepts and information Systems for the Cultural Sector" and "Regionales Kulturerbe in Globalen Netzwerken".

- **Round Table** *3rd Round Table BMWA*, Wien, 20 November 2001. Walter Koch and Henriette Kurschel (AIT) presented Regnet project.

- **Event** *IST 2001 Event*, Dusseldorf, 3-5 December 2001. Andrea de Polo (ALI) attended the event (see sections 2.1.5 and 2.1.6).

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- **Meeting** *Meetings with the responsible of the Archives of Brugge and Mechelen*, Brugge, 6 and 12 December 2001. Vic Haesaerts (TARX) gave a slide presentation on Regnet project.

- **Fair** *Salone Culturalia*, Rome, 8-11 December 2001. SPACE realized a roll-on presentation of the Regnet project.

- **Information day / Conference** *CULTIVATE Nationaler Informationstag für Bibliotheken, Museen, Archive; Das 6. Rahmenprogramm der Europäischen Union; Die nationale Umsetzung von EU –Projekten in Österreich: Erkenntnisse und Ergebnisse*, Innsbruck, 12 Dicember 2001. Walter Koch (AIT) gave a presentation of the Regnet project.

- **Meeting** *PMC Meeting – Covax*, Salzburg, 13-14 Dicember 2001. Walter Koch (AIT) gave a presentation of Regnet to the Covax Consortium as potential partner of Regnet Network, entitled "Presentation of national project."

- **Workshop** *Cultivate Russia*, Moscow, 14-16 January 2002. Walter Koch and Henriette Kurschel (AIT) gave a presentation on the news of the document server (based on Regnet data entry).

- **Round Table.** *New Media Round Table.* Salzburg Research, Salzburg, Austria, 03 March, 2002, Periodic workshop on technological issues targeting the regional IT community

- **Conference.** Jornadas de Comercio Electrónico. *Comercio Electrónico en las PYMES. Herramientas.* Córdoba, Spain. 20-21 March 2002. Description and Diffusion of REGNET System.

- **Exhibition.** *FIC, Feria de la Industria Complementaria*. General exhibition of IAT Activities. Sevilla, Spain. 25-27 March 2002.

- **Conference** *EVA Beijing 2002*, Ziguang International Conference Hall, Tsinghua University, 12-14 April 2002. Consorzio Civita and Terra Incognita will give a presentation of the Regnet project in session 2 "Networking Across Europe & internationally" on 13 April.

- **Forum** *EuroChina 2002*, China World Trade Center, 16-20 April 2002. The Regnet project will be presented by Terra Incognita in a special session called "Cooperation Agora" to an expected audience of 70 Chinese delegates.

- **Meeting.** *RLG,* International Institute of Social History, Amsterdam, 22-23 April 2002

- **Meeting**. CULTIVATE Meeting, Ministry for Education, Science and Culture, Vienna, 23 April 2002, W. Koch participate to the round table.

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- **Meeting.** Stuttgart, Steinbeis Transfer Centre. 25 April 2002. Possible project cooperation between the recently established for information management in cultural heritage informatics.

- **DLM – Forum 2002** *"REGNET project" – contribution to the discussion Barcelona* Palau de Congressos de Catalunya 7 – 8 May 2002. Walter Koch presented the REGNET project during the DLM-Forum and scientific committee meeting.

- **Conference.** Macael, Spain. 2002, May. Actividades y Herramientas en Comercio Electrónico (e- commerce activities and tools)

- **Meeting** *Cultural Heritage – Round Table of Federal Ministry for Economy and Labour.* Vienna Federal Ministry for Economy and Labour. 21 May 2002. Walter Koch made a presentation of a study work establishing a media cluster eventually using the REGNET info structure.

- **Conference** *International Science Conference*, Plovdiv, Bulgaria, 30 May- 1 June 2002. K.Stoilova and T.Stoilov. The Project REGNET – a Network of Information Services and Service Nodes. Description of REGNET System, including different nodes of the network – CSC and distributed services through Inernet.

- **Workshop.** *Austian Science Week 2002*, Airport Centre, Salzburg, Austria, 07 to 15 June, 2002, Austrian wide showcase for research for the public.

- **Conference** *Cultivate Information Day.* REGNET Cultural Heritage in Regional Networks. Vienna, Reading room of the Vienna University Library. 13 June 2002. Walter Koch, Henriette Kurschel presented "Transition from FP 5 to FP 6 and the Cultural Heritage Area".

- **Conference** *on Informatics and Business management* Varna, Bulgaria. 13- 15 June 2002. K.Stoilova, T.Stoilov E-Services in the Network of Service Centers REGNET Different aspects of information technologies, applied in the practice**.**

- **Conference** *on Informatics and Business management* Varna, Bulgaria. 13- 15 June 2002. M.Tzenov. E-Shop in REGNET project. Description of the E-shop of REGNET System in Bulgaria.

- **Meeting** *Cultivate Round Table* Presentation of REGNET services (database hosting, electronic publishing, e-business) Vienna Ministry for Education, Science and Culture.18 June 2002.

- **Conference** *International Conference on Computer***,** Systems and Technologies CompSysTech'2002, Sofia, 20-21 June 2002. K. Stoilova and T. Stoilov (ICCS) present APPLICATION OF Z39.50 PROTOCOL FOR DISTRIBUTED SEARCH IN REGNET PROJECT. Using Z39.50 protocol for searching in different databases from separated centers in REGNET system.

- **Conference** *LIBER 31st Annual General Conference 2002.* Graz Karl-Franzens-University, University Library. 5 July 2002. Chairman of the EU-project related session.

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- **IEEE Symposium** *Intelligent Systems* Varna, Bulgaria. 10- 12 September 2002. M.Tzenov presents Application of SOAP protocol in E-commerce solutions.

- **STAGE seminars**. *Training on e-shop Applications.* Almeria, Spain. 11 September 2002.

- **Conference, demo and special workshop event** *ECDL2002*: Demo session. Rome, University Pontificial. 15-20 September 2002. Alinari On-Line: Access Quality through a Cultural Photographic Heritage Site.

- **Conference & workshop** *"Electronic Description and Edition of Slavic Sources".* Bulgaria, Pomorie 24 – 26 September 2002 Walter Koch makes a presentation of the REGNET project results.

- **Conference** *27th National Austrian Libraries Day* - Klagenfurt, Austria 9 – 14 September 2002 Annual national congress of Austrian librarians.

- **Workshop** *Inventarisierung im Landesmuseum* Graz – Landesmuseum Joanneum. 18 October 2002. Objectives are presentation of REGNET results and gaining participants for REGNET test bed.

- **Seminar (restricted group)** *REGNET- Information Event,* Zürich, Schweizerisches Landesmuseum, 24 October 2002. Information event on the REGNET project, the tools and possibilities to participate. Organized by IMAC and the official museum organization VMS-AMS.

- **Meeting.** *Union of Automatics and Informatics*, Sofia, Bulgaria, 27.10.2002, T. Stoilov presented e-Services and the REGNET Project

- **Conference.** *FIDEM Business Conferences.* Aguadulce, Spain. 2002, October. Conference and Consultancy to businesswomen.

- **Conference.** *Automatics and Informatics'2002*, Sofia, Bulgaria, 5-6 November 2002, T. Stoilov presented The newest IT achievements and E-Services, applied in the REGNET Project.

- **Conference** *EVA 2002 Berlin. Berlin Event of the international EVA Series,* 6-8 November 2002. Silke Grossmann gave a presentation entitled: **"**Electronic Imaging & the Visual Arts." Walter Koch presented: "XML basiertes Content Management und Ultra-Wide-Band als Grundlage zukünftiger mobiler Informationssysteme".

- **Congress** *8th Darmstädter XML* – Darmstadt. 13 – 14 November 2002. Walter Koch presents Regnet-XML and Webservices.

- **Symposion**. *Vektor Symposion* (European Contemporary Art Archives). Museion, Bozen, 15 – 16 November 2002. Walter Koch attended.

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- **Conference.** *European Conference on Financing Innovation and Creation of TBCs.* Sevilla, Spain, 28-29 November, 2002, J.M. González (IAT) attended.

- **Workshop**. Cultivate, Graz, 4 December 2002. Henriette Kurschel attended Workshop about collection management systems focusing on OPACs.

- **Round Table.** *Cultural Heritage – Round Table im Forschungs- und Technologiebereich,* Federal Ministry for Economy and Labour, Vienna, 12 December 2002, Walter Koch, presented the RegNet project

- **Workshop.** *SEEM cluster meeting.* Cluster meeting dealing with SEEM (Single European Electronic Market) topic, 15 December 2002

- **Conference**. *Electronic Business Days.* 21-23 January 2003. Conference dedicated to Web Services, EDI, ebXML

- **Master.** *4th Edition of the Master in Multimedia corse, University of Florence,* Jan 30th, 2003, R. Menolascino presented the RegNet project

- **Workshop**. *"Reconstructing science: Contributions to the enhancement of the European scientific heritage"* The Royal Library, Sweden, 19 February 2003.

- **Round Table.** *Cultivate Round Table Workshop Cultivate Services*, Ministry for Education Science and Culture, Vienna, 27 February 2003, Walter Koch, Henriette Kurschel presented the RegNet project

- **Fair.** *FIC, Feria de la Industria Complementaria*, Sevilla, Spain, 12-14 March, 2003, M. Granero, J.M. González for general exhibition of IAT Activities (RegNet dissemination)

- **Meeting.** *"VIII Encuentro sobre Tecnologías de la Información en Andalucía – Mesa Redonda de Instituciones-"* Sevilla, Spain, 2003 March 27, Annual meeting on IT activities in Andalusia.

## 2.3   Web sites

Linked to the RegNet website (www.regnet.org), other specific website has been formed also for dissemination purposes. This website gave the latest information about the dissemination activities and gave room for reactions and comments to the RegNet project.

Hereafter is the complete list of websites where RegNet has been disseminated.

- **www.regnet.org** (AIT).  Regnet public web site with project description, facts sheet, partner info and member area. Online since 2000; new layout in September 2001. Update frequently.
- **http://2001.istevent.cec.eu.int** (ALI). Web site on IST 2001 meeting, with press releases, news, abstracts of the event, registration, sitemap, exhibition space, contacts.

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- **www3.iccs.bas.bg** (ICCS) CSC-Bulgaria is expanded and more links are added from the Portal. There are 3 main areas: Galleries (links to Web sites of potential users of REGNET), Data Entry (through AIT) and Searches (through TextML server or ZEBRA server using Z39.50 standard)

- **http://hs39.iccs.bas.bg** (ICCS) The Union of Bulgarian Artists.

- **http://hs41.iccs.bas.bg** (ICCS) Ethnographic Institute and Museum

- **http://hsh.iccs.bas.bg** (ICCS) Secondary Applied School of Arts

- **http://regnet.org.ru** RegNet in Russia. Russian Art Gallery - Chelyabinsk

- **http://www.silvena.net** Sivena Art Gallery in town of Rousse-Bulgaria

- **www.regnet.gr** (ZEUS) A web site has been constructed, which gives a description (in English, Greek, and Italian) and which provides the visitor with information about Regnet. The web site provides access to REGNET's official web site.

- **http://www.iat.es/regnet** CSC Spain. Description of REGNET project and its evolution and ambitions. Also used as support for GRAN partner. Is already On-line.

- **http://empresactiva.com** banner linking to CSC Spain

- **http://www.ecdl2002.org** ECDL 2002 is the 6th conference in the series of European Digital Libraries conferences. ECDL has become the major European forum focusing on digital libraries and associated technical, practical, and social issues.

- **www.imac.de** Partner site with link and actual information about events, milestones etc. Permanent publication of news, events etc. related to the REGNET project.

- **http://regnet.arte24.ch** A web site in order to promote the REGNET Testbed in Switzerland & Germany

- **http://www.sub.su.se** Short description on the REGNet Project with sample images.

- **http://www.museon.nl** Description of the REGNET project, it aims etc (in Dutch). With a link to the Regnet web site.

## 2.4 Other conventional and/or electronic printed matter

Much other electronic printed documents have been produced during the project lifespan. The current chapter gives light to these supporting materials.

### 2.4.1 Flyers

AIT has produced a flyer in English and German (2 pages) for distribution at conferences, seminars, information days, etc.;

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## 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 re-organisation 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.

Electronic commerce, notably business to business e-commerce, is booming and world-wide e-commerce 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-commerce are also leading to a surge in new company creation. The market for REG-NET systems and services can to some extent be reckoned by the number of museums, libraries and archives in Europe. A rough estimate 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.

## CSC Europe EEIG

Research on the establishment of the REGNET legal and partnership framework mainly focussed on the adoption of an open and flexible structure that would allow the cooperation between a wide variety of partner types (museums, archives and libraries, cultural heritage professionals, research institutes, technology providers, independent committees etc.). Finally it was found that the company model "European Economic Interest Group, in short EEIG", would support best such a specific type of light transnational cooperation. This CSC umbrella organization has been founded in June 2002 under the name "Cultural Service Centre Europe EEIG".

**http://www.regnet.org/**

### Project Details:

Project No: IST-2000-26336
Start Date: 01/04/01
End Date: 31/03/03
KA 3: Digital Heritage and Cultural Content
Total Costs: € 5,038,110
Project Type: Combined research and demonstration

**Information Society** Technologies

### Project Partners:

- AIT Forschungsgesellschaft mbH (A)
- Ajuntament de Granollers (ES)
- Centre for Research and Technology Hellas (GR)
- Consorzio Civita (IT)
- Fratelli Alinari I.D.E.A. S.P.A. (IT)
- IMAC Information& Management Consulting e.K. (DE)
- Institute of Computer and Communication Systems, Bulgarian Academy of Sciences (BG)
- Instituto Andaluz de Tecnologia (ES)
- Kungl. Vetenskapsakademien (SE)
- Länsmuseet pa Gotland (SE)
- Motorola S.p.A. (IT)
- Naturhistoriska riksmuseet (SE)
- Österreichische Nationalbibliothek (AT)
- Salzburg Research Forschungsges. m.b.H. (AT)
- SPACE S.r.l. (IT)
- Stad Mechelen (BE)
- Stichting Museon (NL)
- Stockholms universitet (SE)
- Systema Informatics S.A. (GR)
- TARX nv (BE)
- Terra Incognita Europa Ltd (GB)
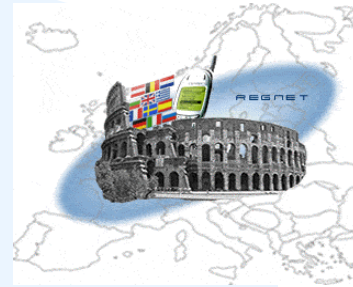- VALTECH (FR)
- Zeus Consulting SA (GR)

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**IST-2000-26336**

**PROJECT DESCRIPTION**

**Project-Coordination**
AIT Forschungsgesellschaft mbH
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## Introduction

The concept of a European Digital Library cannot only be based on a technical framework enabling access to digital goods - there is also a need to introduce new ways of cooperation between different stakeholders (cultural organisations, industries, administrations, etc.) as well as to re-engineer traditional business processes in the light of globalisation and world wide markets. The main activities within a support environment for internet markets comprise: content engineering, platform engineering, and enterprise engineering.

The REGNET - Cultural Heritage in REGional NETworks project - targets to all of the three areas. The project was introduced under the Action Line *Access to digital collections of cultural and scientific content* of the European Union IST-Information Society Technologies Programme. There are 23 participants from cultural organisations (museums, libraries and archives) and IT-industry representatives, coming from ten European Union states as well as Bulgaria and Russia are participating.

## What will REGNET do?

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 multi-media 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.

## The four players

The four players within the network are the content providers, the service centre operators, the system developers and the 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 – business to customer). In return they can use the REGNET facilities for multimedia productions and data base management, or cooperate with other REGNET partners during the creation of data bases, generation of multimedia products or creation of a virtual exhibition (B2B – business to business).

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.

For the end user the system will offer easy and wide access to cultural heritage data information and the purchase of cultural heritage related goods and services at one point, with stress on the production of personalized goods (e.g. CD-ROM) and services.

## System Architecture

The building blocks which constitute the REGNET System support access to cultural & scientific information, as well as to product & service information offered by different organizations.

The Cultural Heritage Data Management enables searches 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.

Finally the Electronic Publisher allows the production of personalized digital products based on standardized metadata and work flows.

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 six European regions (a dozen states) are possible.

## Standards and Metadata

REGNET provides a unique facility to meta data definitions for both cultural-heritage-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) has been 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.

## Mobile and OPAC

REGNET will examine 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 interworking units will interface the REGNET architecture with UMTS (Universal Mobile Telecommunication Systems) structure and ensure a seamless provisioning of REGNET services to mobile customers.

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

Also IAT has prepared a Brochure (2 pages) about REGNET project. Based on the article published in the "Andalucía Innovación" magazine. Used in PDF format for electronic transmissions. Also a

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Brochure about CSC Spain is in preparation. FreeHand format. To be used in the future, mainly for e-mail and download from web.

Two leaflets have been prepared in German by IMAC: a REGNET Flyer and a REGNET Testbed (participation form)

Two leaflets have been prepared form ZEUS Consulting S.A. regarding REGNET: the first leaflet gives a general description of REGNET and is published in English and Greek, while the second leaflet gives an analysis of the technical aspects concerning REGNET and is published in Greek and English.

Furthermore, Salzburg Research development of a printed folder including a short presentation of REGNET in connection with the upcoming 6th framework programmes.

### 2.4.2  Project Presentations

The design of a presentation to be used at diverse conferences and events was drawn by AIT and IMAC. Moreover the presentations (slides) given at the events mentioned above are available for further usage (partly in German/English).

### 2.4.3  Posters

A REGNET demo poster has been produced in order to support dissemination of the RegNet to the participants of the event.

### 2.4.4  Booklets

ICCS - Bulgaria   and mainly T.Stoilov without REGNET resources using additional financial support – ICT Development Agency – Sofia. Collected, Edited, Organised, Published, assigned ISBN 954-9641-29-5 of **REGNET Proceeding** with papers of REGNET Partners.

### 2.4.5  CD-ROMs

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.

Due to the TARX participation in an international conference in Ghent, Belgium: *Heritage, new technologies and local development*, for the first time CSC Europe was officially represented at a public event. On the CD published after the conference, CSC Europe is occurring as one of the participants. A snapshot of the CD is hereby included.

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## 2.5  Contribution(s) to standardisation bodies etc.

Information dissemination to national and international organizations like ICOM, CIMI or ICA has been carried out.

Several electronic discussions sessions have been carried out with Steve Pepper of the company Ontopia, respectively one of the originators of the XTM-standard for topic maps and a leading company on topic map related tools. The main issues during the discussions were how to apply the current standard into practice, things that could be corrected in the current standard and requirements for future standardization.(TARX)

## 2.6  Contacts

People attended the RegNet initiatives were from European and extra-european country with skill mainly on computer engineering, publishing-media industry, cultural sector and services provider companies.

From the open discussion, following the presentations gave and from corridor speaking, was emerged a great interest in favour of the proposed solution.

The benefits of using the RegNet platform were clear and well understood from the general audience present at meetings. This provided a starting point on issue concerning the way data are delivered on the Web, in particular direct contacts with regional museums and archives with known interest in digitising their collections and/or possessing content suited for the development of cross-regional themes, were very interested on this kind of business. RegNet agrees on new business models are needed to take full advantage of new opportunities. During the meetings and conference attended by RegNet partners there was also the expected interest of other people working in cultural sector and in publishing industry covering technical, political and economic issues.

Many contacts have been made during all the events as starting point to further dissemination activities of the RegNet project. Hereafter are liste the more significative.

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## 2.6.1  Within Europe

Contacts has been taken during the IST 2001 Event in Dusseldorf, thanks to Alinari participation: strong dissemination was done in the exhibition space by promoting Regnet objectives toward representatives of other EC projects; below the list of the EC project stand visited during the event:

Among these: *ITSWAP* (transport and tourism), *Play 2* (Access program: system for telematic libraries), *Wedelmusic* (business and contents tools), *Visit* (Business and contents tools), *Virtue* (VR and training), *Cogito* (electronic retail), *Virtual Winery* (electronic retail)

Moreover, here are few names of people met in at the event and that learned more about Regnet (or/and that expressed interest on it): Seamus Ross (Digicult project), Marco Follino (*Datamat, Rome-Italy*), Alberto Mazzola (*Finmeccanica, Bruxelles*), José Luis Rivero de Aguilar (*Adelnor SL, Madrid, Spain*), Marco Taisch (*Politecnico di Milano; Italy*), Maurizio Lunghi (*EC officier, Bruxelles*), Fabrizio Gentile (*Ten Telecom Italian Contact Point, Rome-Italy*), Marco d'Angelantonio (*HIM, Bruxelles*), Rosalie Zobel (*Head Unit, Multimedia System; EC officier, Bruxelles*).

- **Belgium.** TARX has been very active in contacts with **Archives of Brugge** and **Archives of Mechelen**: several work sessions about potential contribution to Regnet. TARX and AIT have a Meeting with **IWT Flanders**, the Institute for Innovation through Science and Technology. The discussion pertained mainly to possible initiatives in Flanders characterised by technological innovation in the cultural sector. Participation in an international conference in Ghent, Belgium: Heritage, new technologies and local development. The main focus lied on authenticity, intellectual integrity and sustainable development of archaeological and historical sites and landscapes. REGNET was presented as a potential means to help fulfil these goals. Visit to the city of Oudenaarde, Belgium, and meeting with a number of city guides concerning the feasibility of some kind of electronic guided city tours.

  Furthermore, TARX had several conference calls and e-mail discussions with 2 persons of the university of Ghent with the objective to integrate geographical and timing notations within the cultural heritage data of REGNET.

- **Spain.** During AIT main dissemination activities, several contacts to potential customers (museums, galleries, cultural organizations and libraries) could be established as well as to companies or organisations working in the field of Cultural Heritage. AIT has taken contact with cultural entities in order to organize meeting about Regnet Services. Some first contacts have been done, introducing REGNET concept and objectives, but most of them need to be completed after REGNET systems and CSC Spain will be fully functional. Interesting contact are **IAPH** ( Instituto Andaluz del Patrimonio Histórico), **Consejería de Turismo y Deportes** (Junta de Andalucía) and **FIDETIA**.

  According to IAT scope, focus has been devoted mainly at regional level in a first stage, although they are considering the possibility of making some contacts at the national one (probably Portugal area would be of interest later).

- **Austria**. Several contacts with cultural heritage institutions regarding the REGNET Testbed Austria launch.

- **Germany**. During exhibition an interesting contact with **CologneDigital** has been made and a relationship with this small multimedia company could be initiated. Colognedigital offers an authoring system for the presentation of cultural heritage about space and time – they approach (as the SR e-Publishing system) the presentation using the map-based access together with possibilities to navigate through a time ray, categories or themes. It is a database-based system mainly for the presentation in the web, but also for PDA/Handheld/Audioguides, Terminal, Fax, Mobile. Other interfaces will be developed. They are interested in a cooperation: we will give them some data and assure a broader marketing within the REGNET network (later CSC), they will give us the possibility to "use" the system

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for demonstration and test purposes. The first step agreed upon will be the distribution of demo data for some tests and a "bilateral" specification of requirements. All contacts will be managed by IMAC. For further information see: www.colognedigital.de or www.world-of-culture.de .

Superficial contact to the working group "Museums documentation" (**DMV**) at the side of the German Museumsbund; they agreed (must be confirmed and coordinated by IMAC) to promote the REGNET Testbed in the next issue of the Bulletin. Further information about agreements will follow. http://www.museumsbund.de/

- **Switzerland.** A lot of interests for the REGNET Testbed could be found; the first "concrete" partner was the **Swiss Theatre Collection**. Others were to answer individual questions regarding technical procedures, general features, etc.

- **Greece.** Several contacts have been made with museums, galleries, cultural organizations and libraries regarding the establishment of the Greek Regional Pole and the CSC Centre in Greece. 31 cultural organizations (museums, galleries, libraries etc.) have been contacted from ZEUS, in order to arrange their participation in the demonstration phase of REGNET. Several meetings with these cultural organizations and the representatives from ZEUS have taken place, where information material has been distributed and several presentations of the project took place.

The process for finalizing the participation of these cultural organizations is still in progress, while at the same time ZEUS is trying to find and contact more cultural organizations for the development of a strategic CSC Centre in Greece. Hereafter a list of greek contacts:

1) Archaeological Museum of Epidauros. Contact Person: Mr. Madis

2) National Art Gallery of Athens. Contact Person: Ms. Labraki

3) Parliament Library, Athens, Contact Person: Ms. Baji

4) Ancient market Museum of Athens, Contact Person: Ms. Xristopoulou

5) METRO Station. Archaeological Exhibition, Athens, Contact Person: Mr. Bassalos

6) Benaki Museum, Athens, Contact Person: Ms Thruvala

7) Zouboulaki Gallery, Athens, Contact Person: Ms Mavrogeni

8) Archaeological Museum of Olibia, Contact Person: Ms Lefedouri

9) Archaeological Museum of Ilida, Contact Person: Mr. Arapogianni

10) Korgialenio Historical Museum of Agostoli, Contact Person: Ms. Kremida

11) Hlias Lalaounis Jewelry Museum, Athens, Contact Person: Ms. Xarisiadou

12) Cycladic Art Museum, Athens, Contact Person: Ms Papadimitriou

13) Macedonian – Thrace Folklore Museum, Thessalonica, Contact Person: Ms. Ioannou

14) History and Art Museum of Messologi, Contact Person: Mr. Kavagias

15) National Modern Art Museum, Athens, Contact Person: Ms. Alexaki (the contact person will change)

16) Modern Art Museum Of Andros, Contact Person: Mr. Koutsomali

17) Fossil Forest Museum of Lesbos, Contact Person: Mr. Zouro

18) Vorre Museum, Athens, Contact Person: Ms. Kouloubi

19) Navy Museum of Galaxidi, Contact Person: Ms. Stathaki

20) Jewish Museum of Greece, Athens, Contact Person: Ms Batinou

21) Gounaropoulou Museum, Athens, Contact Person: Ms Gounaropoulou

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22) National Bank. Art Gallery, Athens, Contact Person: Ms Glarou

23) Pieridi Art Gallery, Athens, Contact Person: Ms. Argiropoulou

24) Theofilou Museum, Lesbos, Contact Person: Mr. Giakali

25) National Historical Museum, Athens, Contact Person: Ms Karadimitriou

26) Coinage Museum, Athens, Contact Person: Ms. Nikolaou

27) Mixallarias Gallery, Athens, Contact Person: Mr. Mourkakos

28) Archaeological Museum of Patras, Contact Person: Ms. Saradi

29) DEPAP Festival of Patras, Contact Person: Ms Agelopoulou

30) Archaeological Museum of Egio, Contact Person: Ms Kollia

31) Historical Archive of State, Athens, Contact Person: Mr. Agelopoulos

- **Italy**. Several contacts with cultural heritage institutions regarding has been made by SPACE.

## 2.6.2  Out of Europe

Contacts with the local *Syrian government* and the national government on a national, regional implementation of the REGNET results -DIGI-PARK has been done by AIT.

TARX and AIT attended the Information Day of RLG, *Research Library Group (USA)* in Amsterdam. Most of the day was spent on open discussions concerning Cultural Heritage strategies, commonalities and co-operation potentials with REGNET.

## 2.6.3  Other projects and Research Centres

- RegNet and **OPENHERITAGE** (coordinated by SPACE) dealing with the creation of technological service infrastructures for small cultural heritage institutions have been financed by The EC and clustered in order to leverage the synergies existing between them. One of the main objectives of the Open Heritage project, is the development of dynamic, computable models of territorial cultural systems to assess and valorise the qualities and strengths of each regional or local cultural system.

  The two projects provide a support for memory institutions pushed in the uncomfortable position of having to compete (in terms of entertainment and experience value) in a new, unusual setting driven by the market forces of the new "cultural economy", based on intangible services and on accessible, on-demand "experiences.

  In this framework the OpenHeritage and RegNet projects have been clustered in order to leverage the synergies that exist between the two projects, aiming at defining the best possible method for demonstrate that scale economy and new business models can be brought and adopted in the cultural heritage environment opening new ways for exploiting one of the most valuable and yet misused sources of potential revenues: cultural heritage in itself.

- **KULTURERBE**. AIT has start a cooperation within the KULTURERBE-online Project.

- **EUREKA – EUROCARE** project. Each concerning a forthcoming participation (AIT).

- Contacts with **CLEF** Consortium http://www.iei.pi.cnr.it/DELOS/CLEF/Notes.html. There is a common interest to share resources in Europe in common initiatives. The main contact is Carol Peters, IEI-CNR, Pisa, Italy.

- During a discussion with project members of **VNET 5** they offered their support in carrying out examinations/questioning of users of the REGNET system as foreseen in WP 4; the support could include the development of a methodology and questionnaires as well as the analysis of the results and a general coaching. To start a list of goals of the REGNET system it must be provided together with advantages and disadvantages of the system from the point of view

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of the users/REGNET content providers. The list could be prepared during the next meeting in Den Haag (brainstorming session). Afterwards IMAC will organize all necessary further steps, especially the direct cooperation with the VNET 5 consortium/coaching team.

VNET5 is a thematic network funded by the European Commission (IST-2000-25465). It aims to advance the level of maturity of user-centred product creation and user validation in electronic publishing projects by promoting user-centred product creation and a common approach to user validation, raising the level of skills and competence of user-centred product creation and validation in IST projects, analysing generic requirements for user acceptance of electronic information products and services, documenting and disseminating resources for user-centred product creation and validation. http://www.vnet5.org

▪ The idea and the goals of REGNET were disseminated (by means of personal contacts and various meetings) among all projects resp. project teams and their associated working groups (e.g. expert round tables, consortium meetings, steering committee meetings), in which Salzburg Research (SR) is or was involved. Among theses projects (especially the projects in the domain of cultural heritage) there are:

o **COVAX - Contemporary Culture Virtual Archives in XML (IST-1999-11820)**

The objective of COVAX, an IST project carried out in 2000 and 2001 with participation of Salzburg Research (SR), was to combine document descriptions and digitised surrogates of documents from libraries, archives and museums, to build a global system for search and retrieval, achieving accessibility to primary source documents regardless of their physical location via the Internet. Salzburg Research (SR) developed the software to perform XML delivery, transformation and publication of heterogeneous document types appropriate to either user preferences or to the underlying domain of the document (archive, library, museum, electronic text). Salzburg Research's electronic publications solutions include dynamic publication of heterogeneous document types from a query result set and the advanced dynamic transformations of any source metadata document into a Dublin Core publication. The concepts of REGNET were communicated to the COVAX consortium to enable the transfer of the achieved know how from COVAX to REGNET in the domain of distributed digital collections and catalogues.

o **CULTOS - Cultural Units of Learning, Tools and Services (IST-2000-28134)**

The aim of CULTOS, an IST project co-ordinated by Salzburg Research (SR) between 2001 and 2003, is to develop new knowledge-aware multimedia authoring and presentation tools for non-technical experts, for cross-media integration of cultural multimedia artefacts. This includes a) the development of end-user tools, system tools and integration tools that support autonomous, portable meta-data objects, b) the specification and implementation of the properties of autonomous portable meta-data objects (Enhanced Multimedia Meta Objects - EMMOs) and the delivery and deployment of these objects in different publishing scenarios, c) the definition of an ontology for the domain of cultural studies and literary science, which will be proposed as a standard methodology for intertextual work, and d) the specifications and implementation of support tools for publishing workflows.

o **DigiCULT - Technological Landscapes for Tomorrow's Cultural Economy**

The study, a strategic study for the EC DG Information Society, Unit D2, co-ordinated by Salzburg Research (SR) in 2001, provided an orientation for archives, libraries and museums all over Europe with respect to the integration of ICTs into these institutions working field. State-of-the art of technologies, content, cultural services and applications as well as (user) demands in the sector of European digital archives, libraries and museums have been investigated. Another focus was to describe and analyse chances, financial aspects, legal background and policies setting the conditions of acting for said institutions. Future scenarios of the technological development in the ALM sector have been elaborated. Finally, recommendations on measures to be taken in order to exploit the opportunities and to overcome current technological impediments both to players in the ALM industry and policy makers have been given.

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REGNET contributed to some of the questionnaires and interview guidelines that were used in the study in the sense that research questions that were raised but could not be dealt with by the research team and the content providers within REGNET could partially be reviewed in the light of the expert round tables and focus group interviews of the study.

o **DigiCULT Forum (IST-2001-34898)**

The REGNET team at Salzburg Research (SR) provided feedback to the "DigiCULT Forum" during the preparation of the 2nd forum ("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 co-ordinated by SR (www.digicult.info)

o **EP2010 – The Future of Electronic Publishing Towards 2010 (EP2010/27953/0)**

The objective of the EP2010 study, which is co-ordinated by Salzburg Research (SR) in 2002 and 2003, is to provide an instrument for reflecting upon options for future research policies, thus acting as a catalyst for discussion amongst the stakeholders from industry, research, government and policy makers at European level. In particular, the study will identify what decision spaces are available, what policy trade-offs may have to be considered, and what policy implementation issues should be worked out in detail.

The REGNET team provided feedback to EP2010 regarding the cultural heritage sector driven by experiences from the REGNET electronic publishing system.

o **VICODI: Visual Contextualisation of Digital Content (IST-2001-37534)**

The objective of VICODI, an IST project carried out between 2002 and 2004 with participation of Salzburg Research (SR), is to enhance human comprehension of the digital content on the Internet. This is reached by introducing novel visualisation and contextualisation environment for digital content.

Salzburg Research (SR) will innovate SVG based publications and SVG based organisation of publications. These dynamically generated maps are interactive and provide the user with the means to generate and retrieve historical publications that are organised by location, from points within a  SVG based map derived from a query.

An automatic annotation (contextualisation) of a submitted document will be developed. It will enable a user to submit an article (European history domain) and retrieve a "value-added" document in return.  The original document will be automatically annotated with hyperlinks of concepts relative to an ontology and to other historical documents in the European history knowledge-space.

▪ TARX and VALT attended 2 meetings of the **SEEM** initiative. SEEM stands for Single European Electronic Market and is an initiative of the European Commission to streamline all e-related issues.

o 01/10/02: inauguration meeting, objectives, involved European instances

o 16/12/02: going into practice, setting up structures, indicating responsibles, planning further activities, preparing consolidated actions for FP6

The next SEEM meeting is planned for 11/03/03 and the same partners, VALT and TARX, will attend this meeting.

▪ TARX was invited to the final Conference of the **DIFFUSE project** on 12/12/02. It concerned a broadly attended conference treating the convergence of web services, grid services and the semantic web for delivering e-Services.

▪ ZEUS Consulting S.A. has also contacted and presented the **Multimedia Coding and Watermarking Group (MCWG) of the University of Patras**.

The Multimedia Coding and Watermarking Group is located at the Electronics Laboratory of the University of Patras and supported by three significant Research and Academic Institutions: the University of Patras (www.upatras.gr), the Hellenic Open University

(www.eap.gr) and the Computer Technology Institute (www.cti.gr). It is an active research group headed by Prof. A. N. Skodras and comprised of academic staff, post-doctoral and doctoral researchers and a number of master and undergraduate students. The Group exhibits important research activity and interest in the fields of:

- Image and Video Watermarking
- Image and Video Coding
- Transform Domain Processing
- Fast Transforms
- Solar Image Processing
- Compression Standards
- eLearning
- Pattern Recognition
- Data Fusion
- Signal Detection

Group's activities and expertise is reflected to a respectable number of publications and two international patents held. During the last years the Group has organized 2 international conferences, published 6 books and a volume of articles both in international journals and conferences. The Group has strong cooperation links established with other academia, research institutes and companies especially in the Informatics and Telecommunications sectors. MCWG is or has been actively involved in a variety of EU and nationally funded research or R&D programs such as:

- LeGE-WG: Learning Grid of Excellence Working Group (EC: IST)
- PSEF-YDA: Digital Image Watermarking (GSRT)
- Development of V.34 MoDem (Intracom)
- Teleworking 2000: Human networks for teleworking (GSRT)
- PNEUMA: Watermarking of Images (GSRT)
- EUROSTILL: A Concerted European Initiative Towards The Standardization of the Next Generation Still Image Compression JPEG 2000 (EC: ESPRIT)
- CVC: Low Bit Rate Video Coding for Personal Communication System Applications (GR-UK Joint Research)
- DIAS: Human Networks For the Dissemination of the S+T Knowledge (GSRT)
- Vision Algorithms and Optical Computer Architectures (EC: Human Capital and Mobility)
- ESLI: European Sign Language Interactive (EC: TIDE)
- R&TD II (EC: EUROMANAGEMENT)
- Videoconference System for an Industrial Environment (GSRT)

- ZEUS Consulting S.A. has also contacted and presented the REGNET project to the **Pattern Recognition Laboratory** that is located at the **University of Patras**. It is an active research laboratory headed by Associate Prof. S. Lykothanasis and comprised of academic staff, post-doctoral and doctoral researchers and a number of master and undergraduate students.

## 2.7   Other

Salzburg Research (SR) carried out the following dissemination activities:

- Preparation of project-descriptions and a press release for  the local and national press

- Project description for various PR reports at Salzburg Research

Although not involved in WP6, the Fratelli Alinari Photo Archives (ALI) has carried out a dissemination activity during the IST 2001 Event in Dusseldorf (3-5 December 2001). The main purpose of this dissemination was to promote the Regnet project during a leading European event. Leading companies, consultants SIG, etc. attended the event. The event was also an important momentum because included the delivery of the European IST Prize.

Exploitation and dissemination of Regnet project was given during the IST conference and at the IST exhibition space. The Regnet flyer was given at the door entrance of the following sessions:

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- Opening Plenary (by Erkki Liikanen)

- Technologies serving people

- Towards an inclusive IS

- European IST Prize Awards Ceremony

- Culture and Community building

- The semantic web

- EU-US collaboration

- Humane interfaces

Regnet flyers were given during the panel sessions and during face to face meetings; the attendance was high, over 800 people and it is assumed that all the 300 xerox copies of the Regnet flyers were taken by the participants!

It is important to highlight that many people were very interested about the objective of the project and many people should contact the Regnet site soon in order to learn more about the project.

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# 3   Conclusion

After two years of projects, we have been testing that the RegNet initial vision can be turned into a mission; meaning that the industrialisation process of the project is possible at international level. The Consortium, being very active in dissemination activities, is living the incredible enthusiasm and approval got at European level, where we have had the confirmation that the only possible valorisation process for the minor cultural heritage system is the one stated in the RegNet strategy.

The results obtained during the R&D project will undoubtedly take benefits and advantages to the "cultural community" and to the publishing/media industry.

The solutions configured and tested by the action are expected to be replicated, in various configurations and commercially exploited with significant results.

In the **cultural sector**, the main business rationale of RegNet is represented by its potential to push the culture economy extracting the intrinsic and sometimes hidden value of memory institutions through the availability and commercialisation of culture-related data and other rich media resources.

In the **media industry**, RegNet proposed a new and more significant role for media industry providing a flexible, dependable and interactive way to publish starting from distributed archives.

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# *Table of Appendices*

**Appendix 1 -  Detailed description of carried out activities by participants**