

IST-2001-3312

SciX

Open, self organising repository
for scientific information
exchange

**Management report
for the period
May.2003 - July.2003**

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with contributions from the partners

1. SUMMARY

In the reported period the consortium returned to the development work that has been slightly delayed during the previous reporting period. The rapid prototyping approach that the consortium is using in software development allowed for the instalment of several prototypes that are being used and are commented on by the end users. The development work in this period was particularly focused on:

- e journal infrastructure that is resulting in an updated site for the ITcon journal;
- continued development in relation to digital libraries;
- first tests on how to achieve multilingual services. Running prototypes in German and Spanish were set up on the Web.

The period stated with an intense re-work of the D09 architecture document. After its release the consortium met for a two day meeting in Vienna. It was the unanimous conclusion of the partners that the project could use an extension - in part due to staffing problems, in part due to a delay in the development work - in order to achieve best possible quality of all deliverables. Project management was dedicated to get through the procedure as well as to close the issue of the consortium agreement. The consortium agreement finally passed through the legal departments of all partners and is not being circulated and signed by the responsible persons.

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1.2 SIGNATURE

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Žiga Turk, Ljubljana, August 8, 2003.

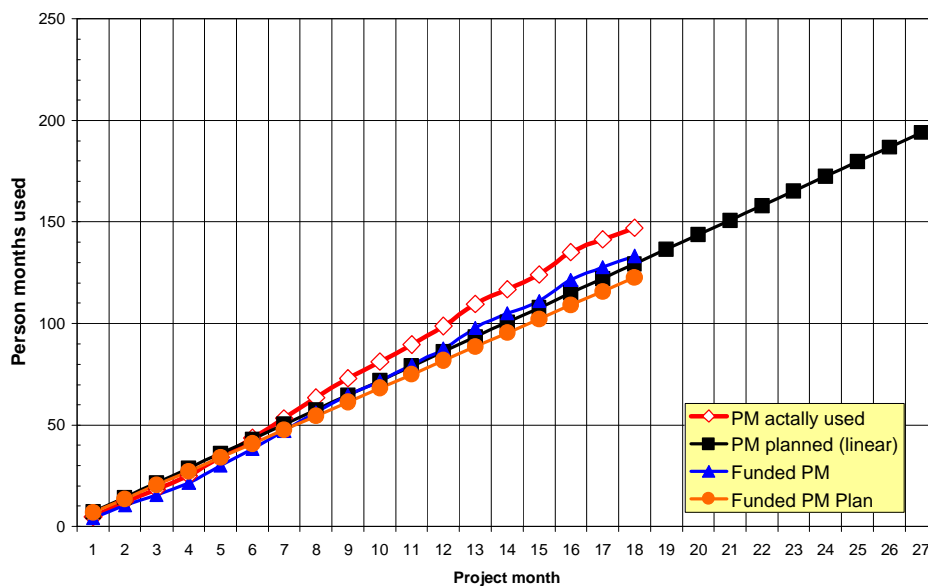
2. RESOURCES USED

Table (left) summarises the resource use by the work-packages. It is clear that the WP1 and WP3 are using more resources than planned, but it is in these WPs that most unfunded contributions by partners are located.

The chart (below) shows the resource use in the project under the assumption that the **project work will extend** until April 2003, as proposed. The overall resource use (red line with white diamonds) was until recently balanced to match a 24M project. It is therefore above the planned use of resources (black line with squares), however, the actual costed work (blue line with triangles) is very close to the planned costed work (yellow line with circles). This shows that the resources will be available to extend the project. The project participants are still providing more unfunded work into the project than planned. It is quite likely that, particularly the academic participants will, due to the project extension, contribute more than originally planned.

	sum of used	plan - funded	plan - unfunded	unplanned - unfunded	sum of planned	available	used
all partners							
WP1	37	36	2	0	38	0.5	98.6%
WP2	16	19	2	0	21	5.5	74.0%
WP3	21	21	1	0	22	1.4	93.6%
WP4	14	23	1	0	24	9.7	59.6%
WP5	20	25	0	0	25	5.5	78.2%
WP6	24	31	4	0	35	11	68.7%
WP7	3	11	0	0	11	8.1	26.8%
WP8	13	18	0	0	18	5.2	71.2%
sum	147	184	10	0	194	46.7	75.9%

Resources planned vs. used



3. DELIVERABLES:

This section lists the work related to the deliverables. Each section is headed with this information from the Technical annex:

#	title	due	part ner	PM	ty p e	W P	est. % don e
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1	Scientific publishing: as-is business and information model	3	SHH	3.9	R	1	100%
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Released Sept. 30.

2	Scientific publishing: to-be business and information model	18	SHH	5.4	R	1	
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Work done:

- SHH was conducting a web-survey in May to open access publishers for gathering data about their publishing activities and costs.
- SHH wrote a report based on interviews with current traditional publishers on their cost structure.
- LJU and SHH designed of a Web survey of readers of scientific journals.
- INDRA was studying an internal report about personal data protection

Results achieved:

- Improvement to the process model regarding institutional repositories. The report on traditional publishers also gave important information on their role in the indexing and archival function. These are to be included in the process model.
- The reader/author survey forms were posted on the Web for internal testing and commenting.

Problems: None.

Planned work for the next reporting period:

- The final version of the to-be business and information model is to be presented to experts and discussed in local seminars at Hanken. After that, and when it has been presented and approved by the partners, distributed through the SciX web site.
- The survey on readers will be conducted after summer holidays of 2003.

3	On-line survey software	6	LJU	2.6	P	1	
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Released Sept. 30th. Used extensively in this period for D2.

4	Recommendation, model comparison	24	SHH	15.2	P	all	
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Work done: Research done in relation to D2 feeds into this deliverable as well.

5	Content sources and acquisition techniques	9	TUW	5.9	R	2	
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Released Oct 31st.

Results achieved:

- Its recommendations are being used in relation to the D6 and D7.

6	Initial content architecture	9-18	TUW	6.9	D	2	
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Version 1.1 (of related report) released Jan 31st.

Version 2.0 (of related report) released August 8th.

Work done:

- Negotiations with the editors of previous IAPS proceedings concerning availability of digital materials. Support on initial completion of ELPUB-repository (1997-2003)
- Negotiations on gathering of further materials from USYD (KCDC-publications)
- Processing of VrNet 01 and AID 02-proceedings and renaming of papers to corresponding id.pdf. Processing of bibliography from Prof. Tom Maver and renaming of papers to corresponding id.pdf. Processing of CAADRIA 2003 proceedings with references
- ELPUB 1997. Filtering of recorded citations and gathering of corresponding summaries
- Processing of ConVEACA-references (splitting up and entry to db)

Results achieved:

- Gathering of missing data in the cumincad.scix.net field "summary" and adjustments of data in field "authors" - series: CADLINE
- Release of keyword categories with subcategories (taxonomy)
- Extension of cumincad.scix.net with filtered records from citations and completion with missing summaries resp. full texts.
- Completion of existing records with missing summaries (resp. full texts).

Problems:

Around 60 authors of previous ACADIA-papers could not be contacted for permission consents (outdated email addresses etc.) - further support of SC requested.

Planned work for the next reporting period:

- Gathering of data from DDSS-conference series incl. full papers.
- Gathering of full texts from CAADfutures series
- Waiting for final print of CAADRIA 2003
- Further negotiations on eprints for CAAD futures 2003
- Extension of cumincad.scix.net with DDSS- and CAADfutures materials

7	Initial content engineering/construction	21-24	FGGI	5.9	D	2	
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Work done:

- Added papers from the recent construction informatics events, such as the CIB W78, Auckland.

Results achieved:

- Related digital library is on-line at <http://itc.scix.net/>

Problems: (continued)

- Hard to get old material (1989 and earlier).

Planned work for the next reporting period:

- Compilation of more material from other conference series.
- Invitations to chairs of associated organisations.

8	Technology: market watch, state of the art and requirements analysis	6	USAL	33.4	D	1,3,4,5	
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Released on Oct 31 and is being used as a basis for pilot design and development.

9	Overall architecture report	9	USAL	20.9	R	3,4,5	
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Work done:

- In first days of May second rewrite of the D9a. Extensive communication between LJU, IBRI, USAL and FGGI; helped by the fact that there was a visiting person from IBRI in Ljubljana.

Results achieved:

- D9b was released May 10th.

Problems:

- Problems seem to be sorted out and the development work is continuing.

10	Overall implementation report	21	LJU	9.4	R	3,4,5	
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Work done:

Results achieved:

Problems:

Planned work for the next reporting period:

11	Overall assessment and evaluation report	24	LJU	13.9	R	7	
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Work done:

- D11 methodology was released in October 2002.

12	E-Journal: Infrastructure pilot	24	LJU	5.9	P	2	
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Work done:

- Graphic design and html development for the new version of the Electronic Journal of Information Technology in Construction (www.Itcon.org).
- SciX digital library software customised for the e-journal use.

Results achieved:

- The ITcon site is not up and running using the new design; it was moved from HTML to database driven site and is operational at www.itcon.org.

Problems:

Planned work for the next reporting period:

- Support full workflow of electronic journal.

13	Core pilot	18	FGGI	9.2	P	3	
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Work done:

- New revisions of software in the directions of scalability, portability and possibilities to create multilingual versions.
- LJU, FGGI and TUW work on a German version of the interfaces. Translations made in Vienna and implemented in Ljubljana.

Results achieved:

- running, functional applications at *.scix.net with a growing user base.
- German and Spanish speaking services.

Problems:

Planned work for the next reporting period:

- Upgrade local services to Web services interface. Catch up the delay.

14	Intelligent maintenance and use pilot	21	FGGI	9.6	P	4	
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Work done:

- Clustering and similarity measurement applied to create the keyword system/ taxonomy in CUMINCAD.

Results achieved:

- Taxonomy of CUMINCAD papers.

Problems:

Planned work for the next reporting period:

- Similar topic system to be defined for the topic of construction informatics and applied in the pilots.

15	Wrapper service pilot	21	IBRI	8.8	P	5	
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Work done:

- Prototyping of the SciX VAP and VAP to SciX digital archives integration continued

Results achieved:

- RSS publishing now available for RSS versions 0.91, 0.92, 1.0, 2.0 and 3.0
- Revision of the Database done and object relational mapping completed
- Content management system components tested under web application framework Turbine

Problems:

- catching up on work after D9 delay

Planned work for the next reporting period:

- Software development for syndication server, content management system continued

16	Dissemination material and website(s)	3, revised every 3	LJU	11.9	P	6	
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Work done:

- continuing website updates, the project officer and reviewer area; updates to several SciX digital library services; newsletter #5 published.

Results achieved:

- updates, newsletter #5 released June 20th

17	Workshop, event and proceedings	18	USAL	4.9	P	6	
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Work done:

Results achieved:

Problems:

Planned work for the next reporting period:

- The Finnish open access group has been planning a large seminar on open access publishing in January 2004. The seminar is planned to be held at Hanken and the main interest group are researchers, university rectors and institutions who finance research.
- Participating in the work done in groups both nationally and in Scandinavia to promote the open access initiative. Similar seminar as the one in Finland to take place in Slovenia.
- Participating in the work done in groups both nationally and in Scandinavia to promote the open access initiative.

18	Promotion, SIG, on-line community	3, revised every 3	TUW	9.9	P	6	
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Work done:

- Setup of advisory board for cumincad.scix.net
- Brand and logo of CUMINCAD.Scix.net defined.
- Active participation in the work of the Finnish open access group (Björk (chair) and Hedlund (member)).
- Participation (Hedlund) in a Nordic group for promoting open access publishing for national and Nordic scientific journals.

Results achieved:

- Acceptance of full paper for ELPUB 2003 and EuropIA 2003
- Submission of revised full paper to IJAC 2
- SciX submission (full paper) for ACADIA 2003 for review
- Submission of abstract for SiGraDi 2003 (10.5.2003)

Problems:

Planned work for the next reporting period:

- Pending notification for acceptance: ACADIA 2003 and SiGraDi 2003
- Release and implementation of brand and logo for cumincad.scix.net

19	Dissemination and use plan	6, revised every 6	ATL	8.3	R	6	
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1st version released Sept. 30th
2nd version released Feb 7th
3rd version released August 8th

Results achieved:

- INDRA, based on some input from the partners, prepared the third release of this deliverable.

Problems:

Planned work for the next reporting period:

20	Final report	24	LJU	9.1	R	all,6	
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Work done:

Results achieved:

Problems:

Planned work for the next reporting period:

4. TRAVELS

4.1 PROJECT MEETINGS ATTENDED

- A project meeting was organized in Vienna, May 12-13, 2003. All partners attending.
- Gudni Gudnason visiting Ljubljana to coordinate work on pilots and the D9 10th of April – 10th of May, 2003.
- Numerous on-line meetings between LJU, USAL and IBRI to discuss SciX architecture D9 to be delivered by 10th of May, 2003, implementation issues and VAP and SciX interfacing

4.2 NEXT MEETINGS

A meeting is planned in September or early October as a preparation for the next review. The dates will be fixed when the review dates are defined.

4.3 CONFERENCES/ EVENTS ATTENDED

- Ziga Turk attended the Computer Science Multiconference in Las Vegas. paper on underlying technology for the SciX services was presented and well received.
- Bo-Christer Björk attended the International Conference on Electronic Publishing (El-Pub conference) in Portugal, June 25 to 28, 2003. He gave a presentation on the Scientific Publication Life-Cycle Model (SPLC).
- Bob Martens presented paper at ELPUB 2003, Guimares, Portugal, 25.-27.6.2003
- Turid Hedlund has participated in a group for a Nordic co-operative solution for scholarly publishing . A result of the work of the group was a Conference on the future in scholarly publishing, that was held in Helsingör, Denmark, June 3 to 4, 2003. Turid Hedlund gave a presentation of the SciX project at the conference.

5. OTHER

5.1 RECENT PUBLICATIONS RELATED TO THE SCIX PROJECT

- Martens, B.; Linde, P.; Turk, Z. (2003) A Digital Library for Elpub Proceedings: The Use of a Web-Based Prototype, in ELPUB 2003 Conference Proceedings, pp. 363-371

5.2 FORTHCOMING PUBLICATIONS

- Martens, B.; Turk, Z.; Cooper, Z. (2003) A Study on Content Sources and Acquisition Techniques of CAAD-related Publications, in Proceedings of the 8th International Conference on Computer Aided Architectural Design Research in Asia (forthcoming)
- Martens, B.; Turk, Z.; Bjoerk, B.-C. (2003) The SciX Platform - Reaffirming the Role of Professional Societies in Scientific Information Exchange, in EuropIA 9 Conference Proceedings (forthcoming)
- Martens, B.; Turk, Z.; Bjoerk, B.-C.; Cooper, Z. 'Re-engineering the Scientific Knowledge Management Process: The SciX Project', in: Automation in Construction (forthcoming)
- Martens, Bob and Turk, Ziga., 'Digital CAADRIA-Proceedings: Retrospective Analysis of Content', in: Automation in Construction (forthcoming)
- Martens, B.; Turk, Z.; Bjoerk, B.-C. 'The SciX Platform - Reaffirming the Role of Professional Societies in Scientific Information Exchange', in: EuropIA 9 Conference Proceedings (forthcoming)
- Martens, B.; Linde, P.; Turk, Z. 'A Digital Library for Elpub Proceedings: The Use of a Web-Based, Prototype', in: Elpub 2003 Conference Proceedings, Minho (Portugal), (forthcoming)