



LEAF - Linking and Exploring Authority Files

IST-2000-26323

Project Report

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1 Introduction

This document is a Progress Report number 5 prepared for the Project LEAF (Linking and Exploring Authority Files; project number IST-2000-26323). This document was produced under Work Package 1.1 (*Administration Management*) of the current project. This report covers months 13 - 15 (March 2002 - May 2002) of the project.

The purpose of this document is to provide a report of the activities undertaken in this reporting period. A descriptive form and a spreadsheet with numerical reporting data are provided.

The intended audience of this document is all project personnel.

1.1 Reporting Procedures

LEAF partners are requested to submit quarterly reports indicating the number of man-hours that their respective personnel have worked on the project together with a description of the activities undertaken.

In preparing this report, the information provided by partners is analysed and a written description given by Work Package. The numbers of hours are also provided in a spreadsheet form resolved to Work Package and partner granularity.

1.2 Partner Acronyms

The following table lists the project partners who are actively involved in the project.

Partner Name	Acronym	Status	Associated To	Country Code
Staatsbibliothek zu Berlin	SBB	Co-ordinating Partner		DE
Joanneum Research	JRS	Full Partner		AT
University of Bergen	UoB	Full Partner		NO
Crossnet Systems Ltd.	CNS	Full Partner		UK
Österreichische Nationalbibliothek	ÖNB	Full Partner		AT
Biblioteca Nacional	BN	Full Partner		PT
Biblioteca de Universidad Complutense de Madrid	UCM	Full Partner		ES
Swiss National Library	SNL	Associated Partner	SBB	CH
National and University Library, Ljubljana, Slovenia	NUK	Full Partner		SI
Institut Mémoire de l'Édition Contemporaine	IMEC	Full Partner		FR
Rijksarkivet	RA	Full Partner		SE
Deutsches Literaturarchiv	DLA	Associated Partner	SBB	DE
British Library	BL	Associated Partner	SBB	UK
Goethe- und Schiller-Archiv	GSA	Associated Partner	SBB	DE
Forschungsstelle und Dokumentationszentrum für Österreichische Philosophie	FDÖP	Associated Partner	JRS	AT

2 Summary of Activities in this Reporting Period

This report covers the first quarter of the second year of the project duration. The project team have consolidated on the design and requirements and are beginning to agree on the model and a realistic solution to the requirements. It was evident that some confusion remained between partners after the previous difficult design period, but these aspects were being clarified. Most of the confusion was associated to the links in the model – when these would be created, if they would have unique IDs and a period of constructive discussion has occurred.

The period started with the first annual Plenary Meeting held at NUK in Ljubljana, Slovenia, 4.-5. April 2002. Our hosts provided excellent facilities for the meeting which was very positive and constructive. Many minor details were clarified through a series of presentations, and this also included initial thoughts on the WPs and Tasks that had not yet started, but were due to start in the forthcoming months.

The amount of effort in the system model requirements is reflected by the amount of work recorded in WP 5.1. Whilst the total budget has not been exceeded in that WP, several partners who are particularly active in this WP have gone over budget. This is acceptable to the project because the design and requirements form the basis to which subsequent activities will follow.

It was also interesting at the Plenary meeting to see initial screen designs of the system user interface, and to see how the various software interfaces will fit together.

Analysis of the recorded time shows that some partners are still using their budget in WP 1 at a far higher rate than originally envisaged. The project budget was discussed at the plenary meeting and it was ascertained that certain budget transfers would need to be made. Meanwhile, (September 02) it was identified that ideally any transfers should be below the 20% figure to avoid contractual changes.

This period however ended on an extremely positive note with the Peer Review held at Luxembourg. This was attended by SBB, CNS, JRS and UoB and several excellent presentations were given to the EC and the reviewers. The review also had a very constructive session of questions and answers, and the project received excellent review feedback, with the reviewers raising some constructive ideas for the forthcoming activities.

The consortium agreement continues its slow journey around Europe, but should be fully signed by the time the next report is submitted. All in all, the project continues very well.

3 Details of Activities in this Reporting Period

3.1 WP 1 - Management and Administration Management

3.1.1 WP 1 – Events

A project plenary meeting was held at NUK in Ljubljana, Slovenia, 4.-5. April 2002.

The project received its first peer review in Luxembourg on 28 May, 2002.

3.1.2 WP 1 – Activities

Task 1.1: Administration Management

All partners reported general administration, local management and reporting.

CNS undertook several discussions with the project coordinator regarding the budget and possible budget transfers.

SBB reported:

- consultations with the project manager regarding the general progress of the project,
- administration of all observing partners' needs and,
- contact to a new observing partner.

Task 1.2 Project Management

CNS, FDÖP, JRS, RA and SBB reported project management and planning activities.

CNS produced the fourth project report and submitted it to SBB for quality acceptance. CNS provided advice for cost claim processing. CNS provided extensive management input in planning for the peer review.

JRS reported administration of the document store and the mailing list.

RA held internal management and contacts with their administrative division.

SBB reported:

- preparation of a project budget transfer;
- coordination of the second cost claims and communication with project partners and the European Commission concerning clarifications thereof, and,
- preparation of the second Progress Report.

Task 1.3: Meetings

All partners with the exception of GSA reported attendance of the plenary meeting at NUK in Ljubljana, Slovenia, 4.-5. April 2002.

SBB, JRS, UoB and CNS reported preparation of and attendance to the peer review meeting in Luxembourg.

CNS reported reading and providing comments to the draft minutes of the plenary meeting.

SBB reported:

- preparation of the LEAF Plenary Meeting in Ljubljana, Slovenia, 4.-5. April 2002, including the provision of draft and a final version(s) of an agenda
- preparation of the plenary meeting draft and final minutes.
- preparation of a task meeting with ÖNB and the observing partner City Library of Vienna.

UoB reported planning and participation of the Plenary meeting

Task 1.4: Final report

There was no activity on this task in the reporting period.

3.1.3 WP 1 – Output

Project report 4.

Agenda of plenary meeting.

Draft and final minutes of plenary meeting.

Peer review presentations.

3.2 WP 2 - Dissemination and Concertation

3.2.1 WP 2 – Events

There were no project events for this WP in the reporting period.

3.2.2 WP 2 – Activities

Task 2.1: Creation and Administration of the Project Web site

CNS undertook supervision of the project web site, and prepared the templates of the pages that were to be in other languages. CNS collated the text of the web site and circulated to partners for translation. CNS liaised with SBB regarding the network routing and access concerning the LEAF.ORG URL. CNS reported finalisation of the LEAF newsletter.

SNL provided updates to their web site pages describing the project.

IMEC reported consultation and comments on the website, and preparation of translations to French.

UCM reported translation of the project web pages to Spanish.

RA reported translation of the project web pages to Swedish.

UoB reported translation of the project web pages to Norwegian.

SBB provided the initial translation of the website to German. ÖNB, JRS, SBB, FDÖP and GSA provided comments to the translation thereafter.

SBB reported discussions with CNS and IT-staff at SBB about the technical framework of the LEAF website, and performed further quality checks of the project website's contents.

Task 2.2 Dissemination of results

BL undertook dissemination of LEAF by the preparation of a power-point presentation and talk at the FRANAR meeting.

SNL undertook the preparation of a LEAF presentation and the updating of SNL web pages.

FDÖP prepared an article about LEAF for the FDOEP yearbook "Nachrichten".

IMEC undertook dissemination of the project to the Bibliothèque Nationale de France.

ÖNB wrote a paper on LEAF for "Sichtungen", and provided contributions to and checking of the LEAF Newsletter.

ÖNB reported preparation of a LEAF-presentation at Literaturarchivtagung 2002, and attended Literaturarchivtagung 2002, Wien, where a presentation of LEAF was given.

SBB and CNS reported the preparation and distribution of the first LEAF Newsletter.

SBB reported:

- preparation of the first LEAF Newsletter, and an article for the first issue of the LEAF Newsletter, and proof-reading of other contributions to the first issue of the LEAF Newsletter.
- participation in the HANS-Anwendertreffen 2002, report about Kalliope and LEAF, 14.03.2002,
- participation at a round table about authority data in Mannheim, "Landesmuseum für Technik und Arbeit", presentation of LEAF, 19.03.2002,
- proofreading of an article of RA "Archival Context Information and Authority Records" to be provided at the project website and in the observer section on the document store,
- presentation of LEAF at the Deutscher Bibliothekartag, Augsburg, Germany, 09.-12.04.2002,
- participation in the RLG annual meeting, Amsterdam, Netherlands, 22.-23.04.2002, and presentation of LEAF,
- participation in the annual meeting of literary archives in Vienna, Austria, 25.-26.04.2002, and presentation of Kalliope (with regard to LEAF),
- participation in the TEL workshop, Frankfurt/Main, Germany, 30.04.2002, and presentation of LEAF,
- preparation of a first version of the "Dissemination Document" (D2.3),
- preparation of an updated "Dissemination Document" (D2.3),
- contribution to an ONB publication about LEAF in the journal "Sichtungen",
- preparation of an article about LEAF for the British Society of Archivists Newsletter,
- dissemination of project results to a group of visiting French librarians at SBB,
- preparation of an article about LEAF for the British AMARC Newsletter (Association of Manuscripts and Research Collections), and,

- the preparation of and participation in the "EC/NSF DL All Projects Meeting", Rome 25.-26.3.2002, including a presentation of LEAF.

3.2.3 WP 2 – Output

Revised pages for the LEAF web site.

The first LEAF Newsletter.

Dissemination Document D2.3.

3.3 WP 3 - Standards Representation

3.3.1 WP 3 – Events

There were no project events for this WP in the reporting period.

3.3.2 WP 3 – Activities

Task 3.1: LEAF Maintenance Agency

There were no activities reported for this task in the reporting period.

Task 3.2: Meta-data

BN reported undertaking a revision of the local scenarios and metadata descriptions.

Task 3.3: Partnerships and Co-operations

BN reported various partnerships and co-operations (work done in coordination with Tasks 5.2.1 and 5.2.2).

ÖNB reported attending the EC/NSF DL All Projects Meeting in Rome, and undertaking an analysis of the FRANAR model and analysis of various name authority initiatives.

SBB reported:

- discussions with BL and the observing partner "INTERPARTY" about a liaison with the FRANAR working group,
- liaison activities regarding INTERPARTY, FRANAR and NRA.

3.3.3 WP 3 – Output

Various presentations.

3.4 WP 4 - Data Representation Study

3.4.1 WP 4 – Events

There were no events relating to this WP in the reporting period.

3.4.2 WP 4 – Activities

IMEC reported analysis of XML formats related to the project.

NUK reported analysis of their system export format and undertaking a survey of database structures regarding metadata.

UoB reported collection of test data from those data providers who had not previously provided data and work on the conversion tools. UoB reported testing of the DTD against different local formats.

FDÖP provided test data for UoB.

ÖNB prepared for input and EAC conversion.

SNL provided new samples of their data in XML format.

3.4.3 WP 4 – Output

There were no deliverables provided for this Work Package in the reporting period.

3.5 WP 5.1 - Model requirements analysis

3.5.1 WP 5.1 – Events

There were no events for this task in the reporting period.

3.5.2 WP 5.1 – Activities

Task 5.1.1: Analysis of input data

GSA reported reading the MRAD documents.

BN reported revision and consolidation of MRAD-1.

CNS reported having considerable discussions to the LEAF model - preparing of rationale and arguments to the differences being raised between the original model in the contract and the model as discussed at Graz. This included a thorough analysis and reading of MRAD documents.

SBB undertook further corrections to the third draft version of MRAD-1.

Task 5.1.2: Definition of User Groups

SBB provided another update and a final version of MRAD-2 including harmonization of all parts of the MRAD documentation.

Task 5.1.3: User Survey

There were no activities reported for this task in the reporting period.

Task 5.1.4: Identification of Services

UoB reported various email discussions and report evaluations.

3.5.3 WP 5.1 – Output

Various draft technical notes were produced, being intended as drafts for deliverables.

Various drafts for the MRAD deliverables.

3.6 WP 5.2 - Focussing the model with authority file data

3.6.1 WP 5.2 – Events

There were no events relating to this WP in the reporting period.

3.6.2 WP 5.2 – Activities

IMEC reported an analysis of the adaptation of French authority files.

BN reported assessment of the state of the art in related initiatives, identification of partnerships and analysis of practices.

BN reported undertaking identification of system requirements (analysis of the requirements for the BN structure imposed by the MRAD conclusions).

CNS reported discussions and comments to how the LEAF model is focussed to project data providers.

JRS reported identification of transmission protocols for upload and update procedures, held discussions of the model details, and work on linking procedures.

UoB reported various information collection activities.

SBB reported cooperation with BL regarding the liaison with the National Register of Archives, provided contribution to MARD-3 and undertook work on MARD.

DLA reported continuation of the analysis of practices regarding authority files between SBB, DLA and LEAF, and finalised the minutes of the DLA/SBB meeting in February 2002.

NUK reported an analysis of user requirements and adequate adjustment of interface, database improvement, and internal testing of their database.

ÖNB reported preparation of MARD-2, preparing input for MARD-3, analysis of practice, attending an allegro-HANS-Meeting at Frankfurt/Main and undertaking an analysis of practice of the HANS user community.

RA reported undertaking an analysis of practice.

SNL reported providing contributions to MARD3.

UCM reported provision of name authority information and data structure from the UCM system.

3.6.3 WP 5.2 – Output

Various drafts of MARD documentation.

3.7 WP 6 - Functional Specifications of the Demonstrator

3.7.1 WP 6 – Events

There were no events relating to this WP in the reporting period.

3.7.2 WP 6 – Activities

BN reported the provision of functional specifications of the demonstrator (work done in coordination with Task 5.2.4).

IMEC undertook an analysis of interfaces used in the project.

JRS undertook a revision of the first architecture; prototyping for database and web user interface, and provided further input for deliverables ADD, ICD and cross-reference.

NUK undertook identification and verification of NUK technology that can be used as the components of the overall system architecture, including a comparison and definition of interface and selection of standards.

UoB held various e-mail discussions and report evaluations.

3.7.3 WP 6 – Output

There was no output for this WP in the reporting period.

3.8 WP 7 - System Development and Preparation of Test Environment

3.8.1 WP 7 – Events

There were no events relating to this WP in the reporting period.

3.8.2 WP 7 – Activities

DLA reported the analysis and discussion of various aspects of the overall system design as presented in Ljubljana.

JRS undertook an investigation of technologies (frameworks, database and application server) and provided an update to the web user interface prototype.

ÖNB reported preparing input for the design of the LEAF user interface.

UoB undertook work on conversion tools, including a style-sheet for presentation.

JRS reported the installation of the basic server setting.

3.8.3 WP 7 – Output

There was no output for this WP in the reporting period.

3.9 WP 8 - Test of the Demonstrator

3.9.1 WP 8 – Events

There were no events relating to this WP in the reporting period.

3.9.2 WP 8 – Activities

There were no activities reported for this WP in the reporting period.

3.9.3 WP 8 – Output

There was no output for this WP in the reporting period.

3.10 WP 9 - Model compatibility/ maintenance suite

3.10.1 WP 9 – Events

BN reported preparation of the compatibility/maintenance suite work.

CNS undertook the initial design and development of the model compatibility/maintenance suite.

3.10.2 WP 9 – Activities

There were no activities reported for this WP in the reporting period.

3.10.3 WP 9 – Output

There was no output for this WP in the reporting period.

3.11 WP 10 - Assessment and Evaluation

3.11.1 WP 10 – Events

There were no events relating to this WP in the reporting period.

3.11.2 WP 10 – Activities

There were no activities reported for this WP in the reporting period.

3.11.3 WP 10 – Output

There was no output for this WP in the reporting period.

3.12 WP 11 - Technical Implementation Plan (Exploitation Planning)

3.12.1 WP 11 – Events

There were no events relating to this WP in the reporting period.

3.12.2 WP 11 – Activities

There were no activities reported for this WP in the reporting period.

3.12.3 WP 11 – Output

There was no output for this WP in the reporting period.

4 Project Activities by Recorded Time

This section contains information on budget and reported man hours.

The subsequent tables contain details of the Work Packages listing the budgeted man-hours, used man hours and remaining man hours for each partner.

In addition, there is an overall summary of budgeted, used and remaining WP hours represented in tabular and graphical formats.

Please note that the LEAF project is working at a rate of 17.5 productive person days per month.

Each partners monthly rate is shown.

Work Package / Task	SBB	DLA	JRS	FDOP	UoB	CNS	ONB	BN	UCM	SNL	NUK	IMEC	BL	GSA	RA
hours per month	135	135	140	140	131	131	140	123	128	152	131	131	126	140	131
1 Mgmt. & Admin Mgmt.															
Budgeted hours	3638	270	420	280	328	1050	350	306	319	305	328	327	252	280	328
Booked to date	1838.0	100.0	203.8	175.0	303.0	577.0	223.0	115.5	255.0	178.0	330.0	337.0	264.0	166.0	231.0
Remaining	1800.3	169.5	216.2	105.0	25.1	473.0	127.0	190.8	64.4	126.5	-1.9	-9.8	-12.0	114.0	97.1
Overrun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	9.8	12.0	0.0	0.0
2 Dissemination & Concertation															
Budgeted hours	673.8	67.4	140.0	70.0	525.0	656.3	560.0	61.3	766.5	76.1	262.5	392.7	63.0	70.0	65.6
Booked to date	948.0	10.0	67.0	20.0	34.5	368.5	282.0	52.5	104.0	4.5	108.0	165.0	12.0	50.0	60.0
Remaining	-274.3	57.4	73.0	50.0	490.5	287.8	278.0	8.8	662.5	71.6	154.5	227.7	51.0	20.0	5.6
Overrun	274.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 Standards Representation															
Budgeted hours	808.5		140.0		459.4	328.1	630.0	428.8	63.9		65.6	65.5			262.5
Booked to date	445.0		65.3		222.0	0.0	255.0	245.0	26.0		200.0	59.0			116.0
Remaining	363.5		74.7		237.4	328.1	375.0	183.8	37.9		-134.4	6.5			146.5
Overrun	0.0		0.0		0.0	0.0	0.0	0.0	0.0		134.4	0.0			0.0
4 Data Representation Study															
Budgeted hours	539.0	67.4	70.0	70.0	2625.0		280.0	245.0	255.5	76.1	262.5	261.8	63.0	70.0	262.5
Booked to date	70.0	66.5	0.0	25.0	1085.5		140.0	0.0	60.0	1.8	108.0	117.0	0.0	12.0	36.0
Remaining	469.0	0.9	70.0	45.0	1539.5		140.0	245.0	195.5	74.4	154.5	144.8	63.0	58.0	226.5
Overrun	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Work Package / Task	SBB	DLA	JRS	FDOP	UoB	CNS	ONB	BN	UCM	SNL	NUK	IMEC	BL	GSA	RA
5.1 Model Requirements Analysis															
Budgeted hours	1347.5	67.4	280.0	70.0	262.5	262.5	840.0	490.0	63.9	76.1	262.5	65.5	63.0	70.0	262.5
Booked to date	1682.0	135.0	453.5	124.0	12.0	413.0	1049.0	730.0	88.0	51.0	262.0	50.0	80.0	26.0	27.0
Remaining	-334.5	-67.6	-173.5	-54.0	250.5	-150.5	-209.0	-240.0	-24.1	25.1	0.5	15.5	-17.0	44.0	235.5
Overrun	334.5	67.6	173.5	54.0	0.0	150.5	209.0	240.0	24.1	0.0	0.0	0.0	17.0	0.0	0.0
5.2 Focus the Model															
Budgeted hours	808.5	67.4	280.0	70.0	65.6	65.6	630.0	980.0	63.9	76.1	393.8	65.5	63.0	70.0	525.0
Booked to date	61.0	105.5	154.5	55.0	20.0	131.0	334.0	550.0	82.0	9.0	343.0	14.0	0.0	12.0	152.0
Remaining	747.5	-38.1	125.5	15.0	45.6	-65.4	296.0	430.0	-18.1	67.1	50.8	51.5	63.0	58.0	373.0
Overrun	0.0	38.1	0.0	0.0	0.0	65.4	0.0	0.0	18.1	0.0	0.0	0.0	0.0	0.0	0.0
6 Functional Spec of Demonstrator															
Budgeted hours	134.8		1400.0		131.3	131.3	140.0	122.5	127.8	76.1	131.3	130.9			131.3
Booked to date	0.0		866.3		85.5	0.0	0.0	126.0	0.0	0.0	130.0	82.0			0.0
Remaining	134.8		533.8		45.8	131.3	140.0	-3.5	127.8	76.1	1.3	48.9			131.3
Overrun	0.0		0.0		0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0			0.0
7 System Development															
Budgeted hours	539.0	336.9	4060.0	350.0	1443.8	393.8	980.0	306.3	319.4		459.4	327.3	315.0	350.0	459.4
Booked to date	0.0	0.0	168.0	0.0	110.0	0.0	32.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
Remaining	539.0	336.9	3892.0	350.0	1333.8	393.8	948.0	306.3	319.4		459.4	327.3	315.0	350.0	459.4
Overrun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0

Work Package / Task	SBB	DLA	JRS	FDOP	UoB	CNS	ONB	BN	UCM	SNL	NUK	IMEC	BL	GSA	RA
8 Test of the Demonstrator															
Budgeted hours	269.5	134.8	420.0	140.0			630.0	245.0	255.5		787.5	261.8	126.0	140.0	328.1
Booked to date	0.0	0.0	0.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
Remaining	269.5	134.8	420.0	140.0			630.0	245.0	255.5		787.5	261.8	126.0	140.0	328.1
Overrun	0.0	0.0	0.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
9 Maintenance Suite															
Budgeted hours	202.1	202.1	280.0	210.0	196.9	1312.5	210.0	183.8	191.6	228.4	196.9	196.4	189.0	210.0	196.9
Booked to date	0.0	0.0	0.0	0.0	0.0	72.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remaining	202.1	202.1	280.0	210.0	196.9	1240.5	210.0	176.8	191.6	228.4	196.9	196.4	189.0	210.0	196.9
Overrun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 Assessment and Evaluation															
Budgeted hours	539.0	269.5	140.0	280.0	262.5		420.0	245.0	255.5	532.9	262.5	261.8	126.0	280.0	262.5
Booked to date	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remaining	539.0	269.5	140.0	280.0	262.5		420.0	245.0	255.5	532.9	262.5	261.8	126.0	280.0	262.5
Overrun	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11 Exploitation Planning															
Budgeted hours	269.5	67.4	70.0	70.0	65.6	262.5	280.0	61.3	63.9	76.1	65.6	65.5	63.0	70.0	262.5
Booked to date	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remaining	269.5	67.4	70.0	70.0	65.6	262.5	280.0	61.3	63.9	76.1	65.6	65.5	63.0	70.0	262.5
Overrun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Totals by Work Package

	Budget	Used	Percentage
	Totals		Used
1 Mgmt. & Admin Mgmt.	8781.5	5296.3	60.3
2 Dissemination & Concertation	4450.1	1241.0	27.9
3 Standards Representation	3252.2	1123.0	34.5
4 Data Representation Study	5147.8	1560.3	30.3
5.1 Model Requirements Analysis	4483.3	2788.0	62.2
5.2 Focus the Model	4224.3	1647.0	39.0
6 Functional Spec of Demonstrator	2657.0	423.5	15.9
7 System Development	10640.0	142.0	1.3
8 Test of the Demonstrator	3738.2	0.0	0.0
9 Maintenance Suite	4206.5	79.0	1.9
10 Assessment and Evaluation	4137.2	0.0	0.0
11 Exploitation Planning	1812.8	0.0	0.0
Totals:	57530.9	14300.0	24.9

Totals by Partner

Partner	Total Budget (hours)	Budget Used to Date (hours)
SBB	9769	5044
DLA	1550	417
JRS	7700	1978
FDÖP	1610	399
UoB	6366	1873
CNS	4463	1562
ÖNB	5950	2315
BN	3675	1826
UCM	2747	615
SNL	1523	244
NUK	3478	1481
IMEC	2422	824
BL	1323	356
GSA	1610	266
RA	3347	622

