



## LEAF - Linking and Exploring Authority Files

IST-2000-26323

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### Project Report

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# 1 Introduction

This document is a Progress Report (number 8) prepared for the Project LEAF (Linking and Exploring Authority Files; project number IST-2000-26323). This document has been produced under Work Package 1.1 (*Administration Management*) of the project. This report covers months 22 - 24 (December 2002 - February 2003) 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 fourth quarter of the second year of the project, continuing the software design and development. The project team have continued to refine the design which is now approaching completion.

A design meeting was held in Berlin where the open design issues were clarified and decided upon. This proved useful as it allowed for feedback from the peer review to be incorporated as well.

The design refinements addressed the annotation system, user workflow and the integration into Malvine etc. Partners are continuing to assess their own systems for data supply and conversion. The user presentation of authority file names is now being refined in the Data Representation Study, whereby the XSLT technology is being used to present the EAC format to a human readable form, being provided as conversion scripts.

CNS is now continuing the model and compatibility/maintenance suite work in WP9, and preparing for integration of the system with JRS, identifying suitable technologies for this. The look and feel for this is being made analogous to the LEAF web site.

Partners continue to undertake dissemination and concertation activities, where several international events were attended by different partners.

There were three main events in this reporting period:

- The peer review held in Berlin, where the reviewers were very pleased and provided good, constructive feedback to the project;
- A meeting to consolidate and finalise issues for the architectural design;
- A meeting to prepare for the test phase.

In summary, this was still a very busy period for the project which continues to progress very well.

### **3 Details of Activities in this Reporting Period**

#### **3.1 WP 1 - Management and Administration Management**

##### **3.1.1 WP 1 – Events**

The peer review was held in Berlin on the 6<sup>th</sup> February 2003.

There was an ADD meeting held in Berlin on the 7<sup>th</sup> February 2003 (see also section 3.7 below).

There was a Test Phase meeting held in Vienna on the 27<sup>th</sup> February 2003 (see also section 3.8 below).

##### **3.1.2 WP 1 – Activities**

###### **Task 1.1: Administration Management**

All partners reported general administration, local management and submission of information for their reports.

CNS made some minor updates to the project management documentation and specifically on the project progress reports including chasing of partners to provide their data.

SBB reported:

- Consultations with the project manager regarding the general progress of the project, and,
- Administration of all observing partners' needs, including the dissemination of the review results.

###### **Task 1.2 Project Management**

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

CNS reported:

- Production of a preparatory draft of the seventh project report and contacted several partners who were very late in submitting their reports. CNS held further discussions with SBB concerning budget revisions.
- Holding discussions with SBB regarding the planning and preparation of the peer review.
- Provision of preparatory input to the power-point presentations for the peer review and provided comments to the partners who attended the review concerning their presentations.

RA reported internal management and contacts with the administrative division of RA.

SBB reported:

- Preparation of report data to the project manager, and,
- Modification of internal budget tables after the official approval of the budget transfer.

**Task 1.3: Meetings**

BN, CNS, SBB, JRS, RA, UoB reported attendance of the ADD meeting on the 7<sup>th</sup> February.

ÖNB, FDÖP, NUK, RA, SBB, JRS reported attendance of the Test Phase meeting on the 27<sup>th</sup> February.

SBB reported :

- Preparation of and participation in the 2<sup>nd</sup> annual peer review meeting (6 February 2003): Preparation of presentations and documentation for the 2<sup>nd</sup> annual peer review meeting. Negotiations with the reviewers regarding the deliverables to be reviewed, communication of (background) material to the reviewers. Presentation of the outcome of this meeting to project personnel, and,
- Preparation of a task meeting for WP 6 (7 February 2003): discussions with partners about content related aspects and logistics.

**Task 1.4: Final report**

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

**3.1.3 WP 1 – Output**

Draft of progress report 7.

Drafts and Minutes of Meetings.

Presentations given at meetings.

Presentations given at the Peer Review.

**3.2 WP 2 - Dissemination and Concertation****3.2.1 WP 2 – Events**

There were no project events for this reporting period.

**3.2.2 WP 2 – Activities****Task 2.1: Creation and Administration of the Project Web site**

CNS reported continuing the supervision of the project web site and made various corrections to the multilingual pages.

SBB reported the identification of minor errors on the project website and provision of content for updating it.

**Task 2.2 Dissemination of results**

BL and BN and ÖNB reported attendance at the International Conference on Authority Control, 10.-12.02.2003, Florence, Italy.

IMEC reported dissemination of the project to IMEC's partners.

NUK reported giving a presentation about the NUK Database at the national convention of the Slovene library association.

ÖNB reported attending the OAI workshop in Lisbon where a presentation about LEAF was given.

SBB reported:

- Giving a presentation of LEAF at the 2nd OAForum Workshop: 6-7th December 2002 in Lisbon (Open Access to Hidden Resources); and,
- Preparation of the project presentation at the International Conference on Authority Control, 10.-12.02.2003, Florence, Italy.

UCM reported dissemination of the project within the activities of UCM Library.

UoB reported explaining the Leaf project goals and principles to interested UoB researchers.

### **3.2.3 WP 2 – Output**

Revised pages for the LEAF web site and various presentations.

## **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**

CNS undertook some analysis of the Z39.50 activities in the "BATH Profile" where the profile has been revised to include authority file searching.

#### **Task 3.2: Meta-data**

BN reported undertaking a revision of their local exports and interfaces.

#### **Task 3.3: Partnerships and Co-operations**

BN reported coordination and discussions in the Authority Control Conference in Florence (work done in coordination with Task 5.2).

ÖNB reported attending the OAI workshop, Copenhagen.

RA reported providing reports and presentations for the Open Archives forum, 2nd Workshop: 6-7th December 2002 in Lisbon – "Open Access to Hidden Resources".

SBB reported preparation of and participation in the conference "Authority Control. Definition and International Experiences", Florence 10.-12.2.2003. Discussions of general and specific developments in the

area of authority files with various project partners, observing partners, personnel from related projects / standard bodies etc, and presentation of LEAF.

UoB reported co-operation with the standardization body for EAD (ISAAR).

### **3.3.3 WP 3 – Output**

Various presentations.

## **3.4 WP 4 - Data Representation Study**

### **3.4.1 WP 4 – Events**

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

### **3.4.2 WP 4 – Activities**

IMEC reported undertaking an analysis of local formats and their suitability to the LEAF format.

NUK reported analysis of the data conversion tools.

ÖNB reported preparation of input data for EAC conversion.

RA reported documentation about the EAC Tag Library and development of the local LEAF/EAC export function.

SBB reported the provision of input to UoB to finish the work on the conversion of SBB data into EAC XML.

UCM reported sending approximately 1000 authority files records to UOB.

UoB reported work on the report of the LEAF encoding practice.

### **3.4.3 WP 4 – Output**

Further documentation about EAC and conversion scripts.

## **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**

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

#### **Task 5.1.2: Definition of User Groups**

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

**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**

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

**3.5.3 WP 5.1 – Output**

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

**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****Task 5.2.1: Status Quo Analysis**

ÖNB reported preparation of MARD 1.2.

SBB reported:

- discussion of scope and content of MARD-1 documentation with partners responsible for authoring it, and,
- provision of input to the MARD-1 documentation.

**Task 5.2.2: Identification of Partnerships**

ÖNB reported discussions with prospective partners at the Authority Control conference, Florence.

SBB reported:

- discussion of scope and content of MARD-2 documentation with partners responsible for authoring it, and,
- provision of input to the MARD-2 documentation.

**Task 5.2.3: Analysis of Practice**

BN reported provision of input to this task.

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

SBB reported :

- consolidating all parts of the MARD documentation to one document, including proofreading and formal integration.
- Undertaking a detailed study of the Model Application Requirements Document (MARD), version 0.1.

#### **Task 5.2.4: Identification of System Requirements**

CNS reported discussions with SBB re. MARD part 4 and that it should be dropped as a contribution to the MARD deliverable.

### **3.6.3 WP 5.2 – Output**

Consolidated draft of MARD documentation.

## **3.7 WP 6 - Functional Specifications of the Demonstrator**

### **3.7.1 WP 6 – Events**

There was an ADD meeting held in Berlin on the 7<sup>th</sup> February 2003.

### **3.7.2 WP 6 – Activities**

BN, CNS, SBB, JRS, RA, UoBand ÖNB reported attendance of the ADD meeting on the 7<sup>th</sup> February.

CNS reported preparing the functional specifications of where the LEAF system interfaces to the maintenance suite, including database schema design.

GSA reported reading of the ADD.

IMEC undertook an analysis of interfaces used in the project.

JRS reported finalising the ADD, ICD and cross-reference matrix documentation.

ÖNB reported checking the ADD, ICD and cross-reference matrix.

SBB reported:

- detailed study, internal discussion, and commenting of version 0.4 of the Architectural Design Document,
- participation at the 2nd OAFForum Workshop: 6-7th December 2002 in Lisbon (Open Access to Hidden Resources) with a view on gaining a deeper understanding of the OAI-PMH for its potential use as a protocol for transporting local data to the central LEAF repository, and,
- preparation of and participation in a task meeting about the ADD (Berlin, 7 February 2003), including writing the minutes of this meeting.

### **3.7.3 WP 6 – Output**

Additional draft documentation for ADD, ICD and Coverage Matrix

## **3.8 WP 7 - System Development and Preparation of Test Environment**

### **3.8.1 WP 7 – Events**

There was a Test Phase preparation meeting held in Vienna on the 27<sup>th</sup> February 2003 .

### **3.8.2 WP 7 – Activities**

#### **Task 7.1: System Development**

BN reported preparation of their test environment.

CNS reported preparation and selection of suitable hardware and software technologies for the development and operations of the maintenance suite.

DLA reported preparation of and sending sample records for UoB conversion scripts.

JRS continued work on the update and linking procedures and finalised a first version of the web prototype.

NUK reported preparing their database ensuring compatibility regarding the whole system .

ÖNB undertook an analysis of a possible OAI implementation at ÖNB.

SBB reported preparation of and participation in a task meeting (Vienna, 27 February 2003) about the forthcoming LEAF test phase, including writing the minutes of the meeting.

#### **Task 7.2: Preparation of Test Environment**

BN reported preparation of their test environment.

FDÖP reported continuation of preparation-work on a sample of their test-data for the test environment.

JRS reported undertaking minor corrections on the test server (JRun application server).

ÖNB reported preparing input for the WG demonstrator prototype , preparatory work for the Test Plan and preparation for the Test Phase Task.

### **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**

UoB reported work on conversion tools and style-sheet for presentation of authority information.

GSA reported initial testing of the LEAF prototype.

NUK reported testing of the local NUK database, updating of their authority files and bibliographic database, database improvements and preparing for the whole system testing.

### **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**

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

### **3.10.2 WP 9 – Activities**

CNS reported continuation of the design and development of the model compatibility suite, including the design document, sample screens, and the user workflow process.

NUK reported preparation of the NUK database for maintenance.

### **3.10.3 WP 9 – Output**

Presentations about the Maintenance Suite.

## **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**

ÖNB reported contacting relevant initiatives and institutions.

### 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.

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Work Package / Task	SBB	DLA	JRS	FDÖP	UoB	CNS	ÖNB	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
<b>1 Mgmt. &amp; Admin Mgmt.</b>															
Budgeted hours	3167	270	420	280	328	2363	350	306	319	305	328	327	252	280	328
Booked to date	2923.0	142.5	233.8	201.0	439.0	962.0	292.0	161.0	380.0	184.5	346.0	337.0	264.0	210.0	287.0
Remaining	243.6	127.0	186.2	79.0	-110.9	1400.5	58.0	145.3	-60.6	120.0	-17.9	-9.8	-12.0	70.0	41.1
Overrun	0.0	0.0	0.0	0.0	110.9	0.0	0.0	0.0	60.6	0.0	17.9	9.8	12.0	0.0	0.0
<b>2 Dissemination &amp; Concertation</b>															
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	1191.0	10.0	74.0	30.0	49.5	546.5	379.0	83.5	234.0	9.0	150.0	334.0	44.0	2.0	88.0
Remaining	-517.3	57.4	66.0	40.0	475.5	109.8	181.0	-22.3	532.5	67.1	112.5	58.7	19.0	68.0	-22.4
Overrun	517.3	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	0.0	0.0	0.0	0.0	0.0	22.4
<b>3 Standards Representation</b>															
Budgeted hours	673.8		140.0		459.4	328.1	630.0	428.8	63.9		65.6	65.5			262.5
Booked to date	669.0		65.3		274.0	44.0	469.0	357.0	26.0		200.0	70.0			160.0
Remaining	4.8		74.7		185.4	284.1	161.0	71.8	37.9		-134.4	-4.6			102.5
Overrun	0.0		0.0		0.0	0.0	0.0	0.0	0.0		134.4	4.6			0.0
<b>4 Data Representation Study</b>															
Budgeted hours	269.5	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	125.0	66.5	0.0	35.0	1385.5		200.0	0.0	120.0	1.8	150.0	247.0	0.0	10.0	238.0
Remaining	144.5	0.9	70.0	35.0	1239.5		80.0	245.0	135.5	74.4	112.5	14.8	63.0	60.0	24.5
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	FDÖP	UoB	CNS	ÖNB	BN	UCM	SNL	NUK	IMEC	BL	GSA	RA
<b>5.1 Model Requirements Analysis</b>															
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	1742.0	135.0	453.5	124.0	12.0	413.0	1049.0	830.0	88.0	51.0	262.0	70.0	80.0	26.0	27.0
Remaining	-394.5	-67.6	-173.5	-54.0	250.5	-150.5	-209.0	-340.0	-24.1	25.1	0.5	-4.6	-17.0	44.0	235.5
Overrun	394.5	67.6	173.5	54.0	0.0	150.5	209.0	340.0	24.1	0.0	0.0	4.6	17.0	0.0	0.0
<b>5.2 Focus the Model</b>															
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	398.0	105.5	163.5	61.0	20.0	185.0	691.0	730.0	112.0	13.5	393.0	64.0	0.0	14.0	202.0
Remaining	410.5	-38.1	116.5	9.0	45.6	-119.4	-61.0	250.0	-48.1	62.6	0.8	1.5	63.0	56.0	323.0
Overrun	0.0	38.1	0.0	0.0	0.0	119.4	61.0	0.0	48.1	0.0	0.0	0.0	0.0	0.0	0.0
<b>6 Functional Spec of Demonstrator</b>															
Budgeted hours	134.8		1596.0		131.3	131.3	140.0	122.5	127.8	76.1	131.3	130.9			131.3
Booked to date	317.0		1399.3		85.5	144.0	127.0	126.0	0.0	2.5	130.0	130.0			0.0
Remaining	-182.3		196.8		45.8	-12.8	13.0	-3.5	127.8	73.6	1.3	0.9			131.3
Overrun	182.3		0.0		0.0	12.8	0.0	3.5	0.0	0.0	0.0	0.0			0.0
<b>7 System Development</b>															
Budgeted hours	539.0	336.9	4522.0	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	54.0	95.5	1474.5	90.0	470.0	147.0	450.0	105.0	0.0		521.5	0.0	0.0	8.0	0.0
Remaining	485.0	241.4	3047.5	260.0	973.8	246.8	530.0	201.3	319.4		-62.1	327.3	315.0	342.0	459.4
Overrun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		62.1	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
<b>8 Test of the Demonstrator</b>															
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		236.0	0.0	0.0	1.0	0.0
Remaining	269.5	134.8	420.0	140.0			630.0	245.0	255.5		551.5	261.8	126.0	139.0	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
<b>9 Maintenance Suite</b>															
Budgeted hours	202.1	202.1	280.0	210.0	196.9	1410.9	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	1017.5	0.0	0.0	0.0	0.0	221.5	0.0	0.0	0.0	0.0
Remaining	202.1	202.1	280.0	210.0	196.9	393.4	210.0	183.8	191.6	228.4	-24.6	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	24.6	0.0	0.0	0.0	0.0
<b>10 Assessment and Evaluation</b>															
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
<b>11 Exploitation Planning</b>															
Budgeted hours	269.5	67.4	70.0	70.0	65.6	393.8	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	11.0	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	393.8	269.0	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**

	<b>Budget Totals</b>	<b>Used</b>	<b>Percentage Used</b>
1 Mgmt. & Admin Mgmt.	9622.4	7362.8	76.5
2 Dissemination & Concertation	4450.1	3224.5	72.5
3 Standards Representation	3117.5	2334.3	74.9
4 Data Representation Study	4878.3	2578.8	52.9
5.1 Model Requirements Analysis	4483.3	5362.5	119.6
5.2 Focus the Model	4224.3	3152.5	74.6
6 Functional Spec of Demonstrator	2853.0	2461.3	86.3
7 System Development	11102.0	3415.5	30.8
8 Test of the Demonstrator	3738.2	237.0	6.3
9 Maintenance Suite	4304.9	1239.0	28.8
10 Assessment and Evaluation	4137.2	0.0	0.0
11 Exploitation Planning	1944.1	11.0	0.6
<b>Totals:</b>	<b>58855.2</b>	<b>31379.1</b>	<b>53.3</b>

**Totals by Partner**

<b>Partner</b>	<b>Total Budget (hours)</b>	<b>Budget Used to Date (hours)</b>	<b>Budget Used to Date (%)</b>
<b>SBB</b>	8894	7419	83
<b>DLA</b>	1550	555	36
<b>JRS</b>	8358	3864	46
<b>FDÖP</b>	1610	541	34
<b>UoB</b>	6366	2736	43
<b>CNS</b>	6005	3459	58
<b>ÖNB</b>	5950	3668	62
<b>BN</b>	3675	2393	65
<b>UCM</b>	2747	960	35
<b>SNL</b>	1523	262	17
<b>NUK</b>	3478	2610	75
<b>IMEC</b>	2422	1252	52
<b>BL</b>	1323	388	29
<b>GSA</b>	1610	271	17
<b>RA</b>	3347	1002	30

