



**Progress Report No. 1**  
**26<sup>th</sup> June 2004 to 25<sup>th</sup> December 2004**

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## 2 Summary

The reUSE project started on the 26<sup>th</sup> of June 2005 and will last for 24 months.

Directly after the official start the consortium met in Luxembourg (27<sup>th</sup> -29<sup>th</sup> June) and was informed by the PO, Mrs. Stock, about the administrative issues of the project. In addition to this administrative kick-off meeting a technical project meeting was held in Luxembourg as well. Nearly all partners were present and the therefore a good basis for further work was set up.

During July and August most partners finished their internal set up of the project. People were hired, equipment was bought, infrastructure was adapted. Also mailing lists, ftp server, and a preliminary homepage was created for the internal and external communication of the project.

According to the work plan a second project meeting was held at the co-ordinators site in Tyrol in September. Here the actual workplan was discussed and detailed plans were made towards the future work. Moreover a non-formal consortium agreement was discussed and in principle agreed. Since in the reUSE project no products or commercial services are developed the partners agreed that the regulations of the standard EU model contract are sufficient for access to and exploitation of the results of the project. For the internal communication an agreement between the local project leaders was drafted.

From October to December project activities were dedicated to mainly three working areas:

1. Work at the demonstrators
2. Development of the evaluation framework
3. Dissemination materials

### *Work at the demonstrators*

UBER (Humboldt University Berlin), NLE (National Library Estonia) and the Austrian libraries (University libraries Graz, Innsbruck, Linz and the National Library) will set up demonstrators for digital repositories. Partly these demonstrators are already running – such as the one in Humboldt and one in Austria, partly they need to be developed from the scratch (as it is the case in Estonia) or to be bought (as it is the case with the Austrian National Library). In all cases adaptations need to be carried out which are based on the specific requirements of the reUSE service.

### *Development of the evaluation framework*

In order to provide other interested parties valuable data about the project NUK (National and University Library Slovenia) together with LJU (The University of Ljubljana) and DDB (Die Deutsche Bibliothek) are monitoring the different solutions of the reUSE project. First drafts of the framework for this evaluation process have been worked out in several versions.

Dissemination material

The basic dissemination material including the homepage, flyers and a general presentation has been created and the deliverable has been sent to the PO.

User related aspects

Special attention was given at the demonstrator sites to explore the attitude and readiness of user organisations towards digital preservation and digital archiving. In **Estonia** the national library announced the reUSE service at several occasions and was in contact with numerous publishers. Reactions were very positive and encouraging. In **Austria** an extensive list of public sector institutions was collected and recorded in a database comprising some hundreds of organisations. Moreover an additional project with the college for librarianship in Eisenstadt has been initiated by UBI with more than 700 working hours dedicated to the reUSE project and the exploration of user related aspects. In **Berlin** research organisations were investigated and contacted in order to encourage them to take part in the reUSE service programme.

Work plan

Work phase and milestones	Period	Objectives	Results / Note
Preparation and set up phase Milestone 1 (month 1) and 2 (month 3)	Month 1 – 3 (26th June to 25th September)	To set up the organisational infrastructure for the project To create initial dissemination material	Tasks and milestones have been fulfilled in time
Implementation phase Milestone 3 (month 9)	Month 4 – 9 (26th September to 25th March)	To prepare and set up the demonstrators for the reUSE service To prepare the evaluation framework.	Half time of the phase has been reached. Deliverables are prepared and partly available as working paper.

Deliverables completed

Deliverable	Due date	Description
D 1.5 Tender	26th December 2004	Call for a study on digital repositories (1st version delivered)
D 5.1. Initial material	26th September 2004	Set up of a homepage, flyer, basic presentation etc.

Project and task meetings

Type	Place/Date	Description
Kick-off meeting	Luxembourg, 26th – 28th June	A two days meeting, one day with the PO, one day with the partners. Except two partners all participants were present.
Setup meeting	Obergurgl (Tyrol), 8th – 10th September	A two days project meeting with all partners present. Very good atmosphere and intensive work.
Task meeting – Digital repositories / Evaluation Framework	Vienna, 18 <sup>th</sup> – 19 <sup>th</sup> December	A technical meeting with 8 partners present. The current achievements and plans for further work were presented and discussed.
Task meeting – Evaluation Framework / White paper	Ljubljana, 10 <sup>th</sup> – 11 <sup>th</sup> January	A technical meeting between NUK, LJU, UBI and ÖNB as continuation of the meeting in Vienna.

### 3 Status

Concerning the use and allocation of resources within the project there are no serious deviations from the technical annex.

Note: Due to organisational reasons on the level of the mother organisation (University Graz) the University Library Graz was not able to spend costed resources earlier than December 2005. The work foreseen was carried out by non-costed persons.

#### 3.1 Resources

<b>Project effort for the 6-month reporting period (person-months) – costed resources</b>							
Participant s short name	WP 01 Dig Reps	WP 02 Ongoing service	WP 03 Eval Fr	WP 04 Added value	WP 05 Aware- ness	WP06 PM	Total
UBI	2,49		0,77		3,96	6,69	13,91
ÖNB	6,221		0,514	0	0,343	0	7,078
UBG	1,0						1,0
i3s3	8,07		0,196	0	0,375	0	8,641
LJU	0.25		3.25		0.75		4.25
NUK	0,37		6,54		0,1		7,01
NLE	8,39		0,35		2,92		11,66
DDB	1,909		1,022		0,530		3,46
UBER	5,86		2,67		0,52		9,05
<b>Total</b>	<b>34,55</b>	<b>0,00</b>	<b>15,31</b>	<b>0,00</b>	<b>9,50</b>	<b>6,68</b>	<b>66,06</b>

<b>Project effort for the 6-month reporting period (person-months) – non costed resources</b>							
Participant s short name	WP 01 Dig Reps	WP 02 Ongoing service	WP 03 Eval Fr	WP 04 Added value	WP 05 Aware- ness	WP06 PM	Total
UBI	0,82		0,18		0,37	1,98	3,35
ÖNB	-	-	-	-	-	-	-
UBG	2,0		0,5		0,5		3,0
i3s3	3,93	0	0,57	0	0,09	0	4,59
LJU	0.25		0.25			0.25	0.75
NUK	0,22		3,91		0,02		4,15
NLE	5,85		0,35		4,28		10,48
DDB	2,045		1,454		0,606		4,11
UBER	0,5		0,57		0,18		1,25
<b>Total</b>	<b>15,62</b>	<b>0,00</b>	<b>7,78</b>	<b>0,00</b>	<b>6,05</b>	<b>2,23</b>	<b>31,68</b>

### 3.2 Cumulative

The deliverables are underway and in time.

Concerning deliverable 3.3 National report for Slovenija, which would be due in T18 (December 2005), we have written a request to Mrs. Stock, in order to prolongate extend the period to month 21. The reason is, that also the major deliverable 3.2 Final survey of the evaluation framework, will be due in T18 – and this might exceed the resources of NUK.

<b>Status of deliverables</b>				
<b>Deliverable</b>	<b>Current status (completed/ underway)</b>	<b>On schedule (yes/no)</b>	<b>Original completion date</b> <i>(as in Annex I + Calendar Date, e.g. "T06 = June 2004")</i>	<b>Actual/planned completion date</b> <i>(Calendar Date, e.g. "15 June 2004")</i>
<b>Work package 1 Digital repositories</b>	underway			
<b>D1.1 White paper</b>	underway	yes	T09 = March 2005	T09
<b>D1.2 Digital repository - Austria</b>	underway	yes	T09 = March 2005	T09
<b>D1.3 Digital repository - Estonia</b>	underway	yes	T09 = March 2005	T09
<b>D1.4 Digital repository - Germany</b>	underway	yes	T09 = March 2005	T09
<b>1.5 Tender for study</b>	completed	yes	T06 = December 2005	T07 = January 2005
<b>Workpackage 2 Ongoing service</b>	not open yet			
<b>Work package 3 Evaluation</b>	underway			
<b>D3.1 Evaluation framework</b>	underway	yes	T12 = June 2005	T12
<b>D3.3 National report Slovenija</b>	underway	yes	T	
<b>Workpackage 4 Added value services</b>	not open yet			
<b>Work package 5 Dissemination</b>	underway			
<b>5.1 Initial material</b>	completed	yes	T03 = September 2005	T06 = December 2005
<b>5.2 Success stories</b>	underway	yes	T12 = June 2005	T12

Project effort in person-months – costed resources			
Participants' short name	Old Total, carried over from last Progress Report	This period's Total, carried over from 2.1. Resources	New TOTAL
UBI		13,91	13,91
ÖNB		7,08	7,08
UBG		1,00	1,00
i3s3		8,64	8,64
LJU		4,25	4,25
NUK		7,01	7,01
NLE		11,66	11,66
DDB		3,46	3,46
UBER		9,05	9,05
<b>TOTAL</b>		<b>66,06</b>	<b>66,06</b>

Project effort in person-months non-costed resources			
Participants' short name	Old Total, carried over from last Progress Report	This period's Total, carried over from 2.1. Resources	New TOTAL
UBI		3,35	3,35
ÖNB		0,00	0,00
UBG		3,00	3,00
i3s3		4,59	4,59
LJU		0,75	0,75
NUK		4,15	4,15
NLE		10,48	10,48
DDB		4,11	4,11
UBER		1,25	1,25
<b>TOTAL</b>		<b>31,68</b>	<b>31,68</b>

## 4 Achievements

### 4.1 Workpackage 1: Digital repositories (leader: ÖNB)

#### 4.1.1 Deliverable D1.1 White paper

*Task 1 Analysis of running system:* This task commenced with an assessment of the systems and policies currently in use at the implementers' sites. ONB provided a detailed questionnaire about attributes of trusted digital repositories which was answered by all implementers. The analysis of the responses undertaken by ONB will be fed into deliverable D1.1.

Additionally all implementers provided descriptions of the functional areas of their current repositories. In order to facilitate the comparison of the different repository environments it was decided to also map these description against the abstract functional entities of the OAIS reference model, a widely recognised standard (ISO 14721:2003) for describing Archival Information Systems. ONB presented an overview of the OAIS functional model at a WP1 Meeting in Vienna on November 18, 2004. Within the reporting period ONB provided an OAIS mapping for its repository, the contributions of the other implementers are underway. The results will be analysed and compiled by ONB and will form an essential building block for D1.1.

Within the reporting period ONB undertook desktop research on attributes of trusted digital repositories. The results of this state-of-the art analysis will be part of D1.1 (see below). In order to assure that the latest results of international research in this field will be available to the reUSE partners ONB and UBER also participate in a working group of the NESTOR project dedicated to the certification of trusted digital repositories. A first meeting of this WG was held in Munich on December 10, 2004.

NLE's main objective in WP1 is to set up a demonstrator that meets the criteria of trusted digital repository outlined in RLG-OCLC report<sup>1</sup>. In 2004 NLE performed system analysis and set requirements for the planned digital repository system in accordance with OAIS model<sup>2</sup>.

A number of open source repository softwares were compared and tested. In result FEDORA (Flexible Extensible Digital Object and Repository Architecture) was chosen as a base platform on which NLE's repository system will be developed.

Hardware purchase took place in September-October 2004.

Use cases of the system and most important workflows were determined.

In December 2004 software design process has reached the final draft of system specification. Design of digital object structure is in it's final phase. NLE has completed a list of metadata elements and specified their application structure. Database structure for user system, depositor management and temporary ingest buffer has been designed. First version of depositor management database is in testing phase. Management and access tools that interact with the FEDORA repository are under the development.

Concerning the ALO system UBI and i3s3 made a comparison of the different systems in special analysis of one object systems which provide 1 or 2 documents per object (like the system from UBER) against multi object systems which provide up to 1000 and more documents (pictures, pages) per object (like the system of ALO does). In respect to metadata schema an analysis of the latest METS Schema and differences between the METS Schema used in the running ALO System was worked out. Moreover a comparison of the NISO MIX Standard against the DIG35 Standard was carried out. As a conclusion a first draft for a schema for minimal metadata for electronic documents, ocr scanned pages and electronic objects which format is not known has been created. Based on these specifications as well as on new workflow models an update of the Ingest Client for handling electronic documents and testing of the client was started.

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<sup>1</sup> Trusted Digital Repositories: Attributes and Responsibilities. An RLG-OCLC Report. - RLG,2002.  
<http://www.rlg.org/longterm/repositories.pdf>

<sup>2</sup> Reference Model for an Open Archival Information System (OAIS). - CCSDS, 2002  
<http://ssdoo.gsfc.nasa.gov/nost/wwwclassic/documents/pdf/CCSDS-650.0-B-1.pdf>



*Task 2 Metadata systems:* Within the reporting period ONB undertook desktop research on latest developments in the field of preservation metadata. Leading international initiatives, in particular the PREMIS working group, have been contacted. ONB prepared presentations on the latest developments in the field of preservation metadata for the reUSE general meeting in Innsbruck/Obergurgl on September 9–10, 2004 and for the WP1 Meeting in Vienna on November 18, 2004. All implementers provided reports on their current metadata systems.

*Task 3 Draft agreements:* Within the reporting period this task has not been a main focus. ONB started desktop research, comparing different models of submission agreements currently in use. ONB also provided a first version of a submission agreement. Together with UBI a side project was initiated at the college for librarianship in Eisenstadt.

*Task 4 Workflow scenarios:* To facilitate the comparison of workflows in the different reUSE institutions ONB prepared templates for description of user scenarios and use cases / workflows which have been completed by the reUSE implementing partners. User Scenarios on the one hand mainly serve as a communication tool to get a common understanding of the different user needs, Use Cases on the other hand describe real workflows. Workflows are important components of digital repositories as they describe and formalize business processes and make them repeatable, auditable and potentially automatically executable. The results of the surveys undertaken in this task will be fed into D.1.1 (see below).

#### *Task 5 Set up of demonstrators*

The edoc system of UBER, and the ALO system which is used as trusted digital repository for UBI, UBG and i3s3 will be adapted and enhanced for the reUSE service. NLE has started to develop a new system based on the FEDORA software package (more details below).

UEBER has concentrated on :

- putting the German demonstrator into practise (deliverable 1.4),
- the full documentation of the edoc system and its compliance with the OAIS (CCSDS (Consultative Committee for Space Data systems. Reference Model for an Open Archival Information System (OAIS). Red Book. 2002, <http://www.ccsds.org/docu/dscgi/ds.py/Get/File-143/650x0b1.pdf>, last visited: 09.12.2004) reference model. This will be the basis for strategic implementation plans towards a “Trusted Digital Repository”.
- evaluating the technology used for the edoc- Server in terms of reuseability at another site (HTWK Leipzig) and applicability for hosting publication series from other institutions than Humboldt- University.
- to develop supporting tools in order to publish digitized materials, a prototype for using the ebind-Technology (<http://sunsite.berkeley.edu/Ebind/> ) has been implemented and configured (see <http://edoc.hu-berlin.de/ebind/hirschfeld-otto-hermann-1934/hirschfeld.xml>),

Within the reporting period work on ONB's repository system comprised mainly improvements of the current software. This included an enhancement of the metadata schema, implementation of new routines for batch ingest of digital objects and optimisation of the system with regard to administration of complex digital objects. Concurrently ONB was engaged in requirements design for the forthcoming version of

the software which will be available in early summer 2005 and will form the basis of the reUSE demonstrator at the Austrian National Library. In several meetings the requirements have been discussed with the system developer. Enhancements of the new version will include a more modular software design, improved data ingest routines and a more flexible metadata management.

*Deliverable D.1.1 – White Paper on Digital Repositories:* The reUSE white paper on digital repositories is based on two main pillars, an environmental scan of current developments and open issues in the international arena, and a status check and cross-analysis of the ongoing implementation work at the reUSE demonstrators. The White Paper aims to feed into demonstrator implementation, guide the development of the evaluation framework (WP 3), and contribute to internal discussion and exchange of experience. – International digital repositories research achieved major advancements in the last couple of years. Fundamental theoretical works nourished international discussion and shaped thinking about digital repositories, and wide-spread implementation efforts further contributed to research and raised the standing of digital repositories in society. While in the late 1990s digital repository initiatives struggled mainly with technicalities, the focus has now moved to establishing 'trusted' digital repositories that are organisationally viable and long-term sustainable. reUSE builds heavily on both, the work on 'trusted' digital repositories and the OAIS model. The white paper introduces both, and further highlights other relevant issues with references to relevant literature for detailed discussion. – The second pillar of the white paper presents the status quo at reUSE demonstrators and builds upon the different surveys undertaken in the WP1 tasks described above. reUSE demonstrator organisations stem from a range of organisational settings. Yet all follow the common goal of tying into the traditional publication process and collecting digital masterfiles of public sector publications along with their print counterparts. Besides establishing the digital repository infrastructure at reUSE demonstrators, other core challenges are of an organisational nature including negotiations with information producers and the creation of a feasible workflow for accessioning publications into the repository. In the rapidly ongoing implementation work, this analysis is of course only a snapshot of the current situation. Yet, this analysis enables self-assessment and furthers discussion among the reUSE partners.

## **4.2 Work package 3: Evaluation framework (leader: NUK)**

### **4.2.1 Deliverable 3.1**

In the reporting period NUK, LJU and DDB worked in setting up a framework for the evaluation of the reUSE repositories. The expected project outcomes were considered and compared with the project objectives, which were: to set up a trusted digital repositories in Austria, Estonia and Germany for collecting, preserving and making available digital master files from printed publications edited by public sector bodies, and; to create added value services in order to exploit these data collections. It was also important to analyse the impacts and benefits from the new services in the local environment.

In this regard the evaluation was focused on:

- the organizational aspects;

- the digital repositories developed by the demonstrators from their technical and content point of view;
- the long-term preservation strategies planning, and;
- the services, including value added services to the users and their impact and benefit in the local environment.

These four topics should be evaluated from different aspects. In the scientific literature there was no appropriate methodology which would encompass all aspects in this specific case. Furthermore, all the existing methodologies were implemented in particular contexts, which in some way differ from the needs of reUSE project. That was the main argument for deciding to take a new integrated approach, combining some of the elements of different experiences and standards.

Our evaluation methodology integrates two different approaches: a multi-attribute evaluation, which considers four elements: the organizational issues, the technical aspects of the repositories, the services together with value-added services and the cost benefit aspects; and a SWOT analysis of the four repositories.

At Obergurgl meeting in September and Vienna meeting in November jointly with the partners the final structure of the table was designed. Now it consists of 14 general attributes, which are divided into evaluation topics and these into detailed topics. For each detailed topic we defined the expected input i.e. data on the achievements or results that we expect to get from the partners. The instruments for measuring them are also mentioned. The analysis will be based on the data about the current situation and practice provided by the partners.

In continuation a strategy for gathering information from the partners was developed. For this purpose five questionnaires for surveys and interviews were prepared and the timing for collecting the data was defined.

Interviews will be done with managers at different levels of the hierarchy in the library and/or University in order to analyse the organizational issues. The responses will help to get a picture for the cost-benefit analysis as well.

For the technical part a questionnaire was prepared on the basis of the topics in the table and will be distributed to the demonstrators. According to the conclusions of Ljubljana meeting, we shall try to adjust it more to the concept of trusted digital repositories. Since there are different types of repositories, it will be interesting to compare the different capabilities of the systems.

Two more questionnaires were prepared, one for the content providers and other for the end-users. Both will be translated into local languages and distributed by the partners. How much valuable information we shall get will depend on the content of the repositories and the time when they will be available to the public.

In addition to the questionnaires, we plan to use log statistics from the different systems and site visits.

The SWOT analysis will come at the end, after gathering all necessary data from the partners.

The survey strategy will be presented to all the partners at Innsbruck meeting in February 2005.

## 5 Management

The project is running very smoothly based on a constructive and polite relationship between the partners. Until today no outstanding issues or deviations from the workplan occurred.

Each partner is well aware of this role, his objectives and his tasks. A big advantage of the project is that it follows an decentralised approach which allows individual solutions at different partner sites.

## 6 Awareness and Dissemination

Deliverable D5.1 has partly been completed during the first reporting period. A homepage, flyer, general presentation, etc. have been edited.

Moreover the start of the project and the project's objectives have been announced at several conferences and meetings.

The following list provides a rough overview about these activities

Type	Partner	Title	Event - Context	Place Date	Note
Conference talk	UBI	reUSE. An eContent project	Austrian Libraries Day	Linz, 2004-09-24	Presentation of the project for Austrian Libraries (around 60 auditors)
Conference talk	DDB	National and International Preservation Strategies and Initiatives / International Cooperation: reUSE! - reUSE digital master files of printed material!	Chinese-European Workshop on Digital Preservation	Beijing July 14 – 16 2004	
Presentations mailings, reports	DDB	Meeting with Nestor participants, etc.		fall 2005	
Paper	LJU	Na razvalinah Gutenbergove trdnjave – evolucija zapisa (On the ruins of the Gutenberg's fortress – the evolution of the written record	Časopis za kritiko znanosti, domišljijo in novo antropologijo, letnik XXXII, 2004, številka 215-216, str. 266- 276		Paper is trying to explain the strong influence of the information on the society. By changing the form of information from written to digitised one, reorganization and new cognitive process withn broader community might take place.
Invited, published conference	LJU - Žiga Turk	Libraries in an Open Scientific Publishing Environment	Vloga specialnih in visokošolskih		

paper			knjižnic v procesu evropske integracije -10th Slovenian Conference of Special Libraries and 3rd Slovenian Conference of Academic Libraries with International Attendance, ISBN 961-90557-6-4. - Str. 157-162.		
Meeting	NLE	Project reUSE presentation	Visiting State Chancellery of the Republic of Estonia	Tallinn 2004-09-03	Meeting with Secretariat of the Research and Development Council (Publishing structural unit of State Chancellery)
Conference	NLE	Dissemination of reUSE flyer	“Forum for government official's”, organised by The State Chancellery of the Republic of Estonia	Tartu 2004-09-30, 2004-10-01	Dissemination of reUSE flyer in conference map + new contacts, (403 registrated participants)
Meeting	NLE	Project reUSE presentation	Meeting with eContent ePSIGATE project Estonia's Country Coordinator Mr. Ivar Tallo	Tallinn 2004-10-11	Defining objectives and contact-points between 2 PSI eContent projects
Meeting	NLE	Project reUSE presentation	Ministry of Culture, Meeting of Cultural heritage's digital preservation working group	Tallinn 2004-10-12	Ministry of Culture, Strategy for years 2004-2007 contains tasks for digital preservation activities. Are interested in regular overview of reUSE project
Meeting	NLE	Project reUSE presentation	Visiting State Chancellery of the Republic of Estonia	Tallinn 2004-10-15	Meeting with Government Communication Office (Publishing structural unit of State Chancellery)
Meeting	NLE	Project reUSE presentation	Visiting Chancellery of the Riigikogu (Parliament)	Tallinn 2004-18-10	Meeting with Press and Information Department.
Meeting	NLE	Project reUSE presentation	Visiting State Chancellery of the Republic of Estonia (Publishing	Tallinn 2004-10-19	Meeting with European Union Secretariat (Publishing structural unit of

			structural unit)		State Chancellery)
Meeting	NLE	Project reUSE presentation	Visitng State Chancellery of the Republic of Estonia	Tallinn 2004-10-19	Meeting with Department of Document Management (Publishing structural unit of State Chancellery)
Conference	NLE	Dissemination of reUSE flyer	Digital library and its user	Tartu 2004-10-19	Dissemination of reUSE flyer in conference; new contacts, (around 80 auditors)
Meeting	NLE	Project reUSE presentation,	Meeting with the digital preservation team of the National Archives of Estonia	Tallinn 2004-10-26	reUSE presentation, discussions. Result: Archives will be the clients of the reuse repository (further interest in technical know-how)
Meeting	NLE	Project reUSE presentation	Estonian Librarians Association's meeting	Tallinn 2004-11-02	Dissemination of reuse flyer, discussions, contacts.
Conference	NLE	Project reUSE presentation	"Printing and Publishing Conference 2004"	Tallinn 2004-11-18	Dissemination of reUSE flyer, personal contacts (136 registrated participants)
Meeting	NLE	Project reUSE presentation	Meeting with Peeter Mauer, Adviser (museums), Ministry of Culture, Cultural Heritage Dep.	Tallinn 2004-12-01	Presentation, discussion for further activities for disseminating information to museums in Estonia
Workshop talk	NLE	Project reUSE presentation	Workshop: "Infotechnological projects in NLE"	Tallinn 2004-12-03	10 minutes presentations of reUSE project (around 70 auditors)
Workshop talk	NLE	Project reUSE presentation	Workshop: "Digitising Estonian Cultural Heritage"	Tartu 2004-12-09	30 minutes presentaion, dissemination of reUSE flyer, contacts
Article	NLE	"NLE starts reUSE project. The first practical step to long-term preservation of digital content."	Article in Riigikogu Toimetised – Journal of Estonian Parliament, RiTo 10/2004	Tallinn 2004	Article for informational and disseminational purposes
Dissemination / Concertation	ONB		ECDL 2004 – European Conference on Digital Libraries	Bath, UK 2004-09-11 – 2004-09-16	Presenting reUSE to experts in the field of digital libraries / digital preservation, discussing about possible cooperation with other projects
Dissemination	ONB		Library Science	Berne,	Discussing the

			Talks	Switzerland 2004-09-20	reUSE approach with Swiss National Library
Conference talk	ONB	EU-Projekte der ÖNB	Österreichischer Bibliothekartag	Linz, Austria 2004-09-22 – 2004-09- 24	Presentation of the project for Austrian Libraries (around 60 auditors)
Dissemination / Concertation	ONB		ERPANET Workshop on Workflows for Digital Preservation	Budapest, Hungary 2004-10-13 – 2004-10- 15	Presenting reUSE to experts in the field of digital preservation, discussing about submission workflows and possible cooperation with other projects
Dissemination / Concertation	ONB		Conference: Permanent Access to Records of Science	The Hague, The Netherlands 2004-11-01	Presenting reUSE to experts in the field of digital preservation, discussing about possible cooperation with other projects
Conference talk	ONB	Digitale Langzeitarchivierung	Österreichischer Archivtag	Vienna, Austria 2004-11-08	Presentation of the project for Austrian Archivists
Dissemination / Concertation	ONB		First NESTOR Meeting about Trusted Digital Repositories	Munich, Germany 2004-12-10	Presenting the preliminary results of the WP1 analysis about trusted digital repositories to experts in this field
Dissemination / Concertation	ONB		DigiTool National Libraries Focus Group Meeting	Hamburg, Germany 2004-12-14 – 2004-12- 15	Discussing about the reUSE approach with National Libraries and the developer of ONB's digital archiving system
Presentation	NUK	<i>Workshop on digital libraries</i>	Croatian Library Association Conference	Šibenik, 24 September 2004	
Short paper	NUK	Project Reuse	<i>Knjižničarske novice</i> , Oct. 2004, Ljubljana, NUK, pp. 3-5.		
Websites	NUK	Local websites for reUSE			
Websites	UBER	Local websites for reUSE			
Websites	UBI	Local website for reUSE			

### Partnerships and cooperation

Nestor (<http://www.langzeitarchivierung.de>)

Humboldt-University is a partner with the Nestor: German Network of Excellence for Long Term Preservation. A Germany wide network for expertise and cooperation for long term preservation of digital resources will be established together with the German National Library (Die Deutschen Bibliothek), the State and University Library Lower

Saxony in Göttingen, the Bavarian State Library, the Institute for Museum Information in Berlin and the General Directorate of the Bavarian State Archives (GDAB).

College for librarianship and information professionals

A cooperation project initiated by UBI and supported by ÖNB will investigate the readiness and attitude of publishers towards digital preservation. The students will work out a study based on site interviews. UBI and ÖNB are confident that this project is a valuable measure to promote digital preservation at the educational level.

Humboldt-University is among other things responsible for developing a certification procedure for “Trusted Digital repositories”, that is also discussed with the Research Libraries Group in the USA. So demands and information from the Nestor project are directly transferred to the partners and reuse in person of Susanne Dobratz (Humboldt-University) and Max Kaiser (Austrian National Library) is directly integrated into the definition of guidelines for “Trusted Digital Repositories”.

Sun Center of Excellence for Trusted Digital Repositories (<http://www.coe.hu-berlin.de/>)  
The Austrian Literature Online Consortium lead by the University Library Innsbruck, Humboldt-University Berlin and XiCrypt GmbH Graz are working on implementing a “Trusted DigitalRepository” supported by Sun Microsystems.

## **7 Any other remarks**

Due to the fact that the first year of the project will end on 25th of June 2005 it was agreed that the first review meeting will take place at the end of August or beginning of September.

## **8 Conclusion**

The main approach of the project has proofed to be right and all participants are convinced to be able to fulfil the objectives and tasks of the technical annex.



## **9 Appendices**

### **9.1 *Final version of D1.5 Tender for a study on digital repositories***

### **9.2 *Records of the 1st project meeting in Obergurgl (Tyrol)***

- Note: Apart from the presentations also online presentations took place which are not documented in the attached files