

## JISC DEVELOPMENT PROGRAMMES

### Project Document Cover Sheet

#### CD-LOR Progress Report 1: Public Version

### Project

<b>Project Acronym</b>	CD-LOR	<b>Project ID</b>	
<b>Project Title</b>	Community Dimensions of Learning Object Repositories		
<b>Start Date</b>	1 June 2005	<b>End Date</b>	31 May 2007
<b>Lead Institution</b>	University of Dundee		
<b>Project Director</b>	Prof. Allison Littlejohn		
<b>Project Manager &amp; contact details</b>	Sarah Currier Centre for Academic Practice and Learning Enhancement University of Strathclyde, 50 George Street, Glasgow G1 1QE Tel.: +44 (0)141 548 4573 Fax: +44 (0)141 553 2053 E-mail: <a href="mailto:sarah.currier@strath.ac.uk">sarah.currier@strath.ac.uk</a>		
<b>Partner Institutions</b>	University of Strathclyde; Intrallect Ltd.		
<b>Project Web URL</b>	<a href="http://www.ic-learning.dundee.ac.uk/projects/CD-LOR/">http://www.ic-learning.dundee.ac.uk/projects/CD-LOR/</a>		
<b>Programme Name (and number)</b>	Digital Repositories (03/05)		
<b>Programme Manager</b>	Neil Jacobs		

### Document

<b>Document Title</b>	Progress Report 1		
<b>Reporting Period</b>	1 June 2005 to 31 Jan 2006		
<b>Author(s) &amp; project role</b>	Sarah Currier, Project Manager		
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<b>Access</b>	x Project and JISC internal	x General dissemination	

### Document History

Version	Date	Comments
v0.1	27 Jan 2006	Awaiting final dissemination details from team.
v0.2	6 Feb 2006	Incorporated team additions; submitted to Neil Jacobs.
v1.0	10 Feb. 2006	Accepted by Neil Jacobs.

### Overview of CD-LOR Project

#### 1. Grant Statement

The CD-LOR Project is being conducted under the terms agreed with JISC in the letter of grant and the JISC Terms and Conditions attached to it.

## 2. Aims and Objectives

There have been no changes to the original aims/objectives outlined in the Project Plan. All targets for this reporting period have been met.

## 3. Overall Approach

There have been no changes to the overall approach outlined in the Project Plan. After the Steering Group Meeting on the 6<sup>th</sup> February 2006 there may be a change in emphasis for *Deliverable 1*, particularly in relation to the typology of communities (see below under section 5: Project Outcomes).

## 4. Project Outputs

Outputs to date are listed by Workpackage number:

<b>Work Package</b>	<b>Output</b>	<b>Due date</b>	<b>Status</b>
<b>WP1.2</b>	<b>Project Plan</b>	31.07.05	Complete; submitted to Programme Manager and accepted. Public version available on project website.
<b>WP1.3</b>	<b>Consortium Agreement</b>	30.06.05	Complete; signed by three main partners; submitted to Programme Manager with Project Plan and accepted.
<b>WP1.4</b>	<b>Project Steering Group</b>	31.07.05	Complete; CD-LOR Steering Group JISCmail list set up. Updated membership of Steering Group noted below under section 12: Project Management.
<b>WP1.5</b>	<b>Project Researcher in post</b>	30.08.05	Complete; Anoush Margaryan recruited to Dundee University; in post 1.10.05.
<b>WP1.6</b>	<b>Project Manager in post</b>	1.08.05	Complete; Sarah Currier in post at Strathclyde University, 1.08.05.
<b>WP1.7</b>	<b>Project website; JISC web page</b>	None noted in plan.	Website and JISC webpage complete. Other dissemination activities noted below under section 18: Dissemination Plan.
<b>WP1.9</b>	<b>JISCMail lists</b>	None noted in plan.	Three JISCmail lists set up for, respectively: CD-LOR Management Group; CD-LOR Steering Group; and CD-LOR Associate and Collaborative Partners.
<b>WP1.10</b>	<b>Collaborative partners in place</b>	None noted in plan; ongoing.	Additional Collaborative Partners secured; noted below under section 11: Project Partners.
<b>WP2.1-2.3</b>	<b>Draft Typology Report</b>	30.11.05	Draft literature review report (a component of the Typology Report) complete; disseminated to Steering Group and Partners for feedback; incorporated into draft Typology Report along with outputs of Partners' Workshop. The Typology Report will form the basis for the final Structured Guidelines and as such will be under continuous revision throughout the project, however, the draft report is to be discussed and final approach decided on at Steering Group Meeting, 6.02.06 (see below under <i>WP3.1</i> ).
<b>WP3.1</b>	<b>Final Typology Report</b>	28.02.06	Workshop for Associate and Collaborative Partners held, Strathclyde University, 20.10.05; this workshop informed the further development of the draft Typology Report; draft report to be discussed and final approach decided on at Steering Group Meeting, 6.02.06.

<b>WP3.2</b>	<b>Use cases</b>	28.02.06	CD-LOR staff attended Programme Use Case Training and UML Training courses. Use cases to be collected from project partners during Feb. 2006. Use case development and refinement will continue throughout the <i>WP4</i> phase.
<b>WP4</b>			This Workpackage begins 1.03.06.
<b>WP5.1</b>	<b>Institutional Strategy and Policy Review Report</b>	30.04.06	Planning has started on this Workpackage; will request help from project partners and Steering Group; relevant JISCmail lists; and other colleagues in seeking official policies and strategies of relevance as well as relevant existing studies and reports in this area; will then identify a number of institutional managers for interview.
<b>WP5.2</b>	<b>Personal Resource Management Strategies Report.</b>	30.04.06	Planning has started on this Workpackage. Contact has been made with other projects in the Programme doing similar work, including RepoMMan, Rights and Rewards and TrustDR; CD-LOR is working with Programme Support Team to set up a Personal Resource Management Strategies Theme on the Programme wiki and a meeting on this theme at the next Programme Meeting. CD-LOR has agreed to work with RepoMMan to re-purpose their survey of researchers in order to elicit resource management strategies of teaching and learning materials developers; this will benefit both projects. Like RepoMMan, CD-LOR will also carry out interviews with end users as part of this work.
<b>WP5.3-5.4</b>		31.01.07	These Workpackages begin 1.03.06.
<b>WP6.1</b>	<b>Draft Structured Guidelines.</b>		Work has begun on the foundation for these guidelines, namely the Typology Report noted above under <i>WPs 2 and 3</i> .
<b>Remainder of WP6</b>			Begins 2007.

## 5. Project Outcomes

The first two objectives of the project are currently under development, and are on schedule for completion. They are:

1. Creating a typology of learning communities, mapping their characteristics in relation to their use (or potential use) of LO repositories.
2. Identifying possible drivers, barriers and enablers to uptake and embedding of LO repositories within such communities.

The task of creating a useful typology, and mapping drivers, barriers and enablers to it, has proven to be challenging, because:

- there are numerous theories and frameworks available for explaining or describing communities;
- there are numerous inter-related dimensions of communities that may be named and described;
- there is a lack of clarity as to exactly how a repository may support good pedagogy and whether this is a useful question for all LO repositories' communities;
- there are a number of project partners for whom no community (or even working repository) yet exists.

Finding a coherent approach to what is a very complex problem space, and an approach that will ultimately feed into a useful set of guidelines for those setting up or evaluating LORs, is a great challenge. At present we are developing a number of possible approaches with the intention of presenting them to the Steering Group and partners on the 6<sup>th</sup> February 2006 in order to reach

agreement on the best way forward, so that we can build the project’s practical work on a firm consensual base. The final version of the *Deliverable 1* Report is still on target for 28<sup>th</sup> February 2006.

## 6. Stakeholder Analysis

Each stakeholder identified in the Project Plan is listed below with details of contact to date.

Stakeholder	Contact	Importance
Wider HE/FE e-learning community	CD-LOR has attended and presented at a number of events; see below under section 18: Dissemination Plan.	High
JISC	CD-LOR’s Project Manager is ensuring that the project’s work is visible to the wider Programme and the wider JISC development community, including feeding into the eFramework; however, due to the early stage of CD-LOR’s own investigations, this has taken the form of awareness raising only.	High
Project partners (Universities of Dundee and Strathclyde)	<p><i>Strathclyde:</i></p> <ul style="list-style-type: none"> <li>- Learning communities expert Christine Sinclair, based at the Centre for Academic Practice and Learning Enhancement, has joined the CD-LOR Steering Group ensuring embedding of the project’s work into the University’s staff development work;</li> <li>- Links have been made with the University’s VLE Team and Institutional Repository team, with meetings planned to share about the project;</li> <li>- CD-LOR has been invited to present on 2<sup>nd</sup> March 2006 at a Strathclyde Learning Enhancement Network event on Teaching and Learning Through Technology.</li> </ul> <p><i>Dundee:</i> The project team at Dundee have been central in forming Dundee’s new International Centre for Research on Learning; Dundee-based project IVIMEDS is a project Associate Partner and IVINURS is a project Collaborative Partner.</p>	High
Project partners (Intrallect Ltd.)	The technical development phase of the project has not yet begun, however, the project has already resulted in a large amount of positive publicity for Intrallect Ltd.	High

Project associate and collaborative partners	To date the Project Associate and Collaborative Partners have taken part in a Workshop designed to elicit information about their specific communities and to identify their drivers, barriers and potential solutions to use of their repositories. They have also been involved in development of the Typology Report via email discussion and have been invited to take part in the meeting on the Typology Report on Feb. 6 <sup>th</sup> 2006. Several partners have requested CD-LOR's presence or presentation at their own events (e.g. UCEL have requested the Project Manager as a keynote speaker at the Cambridge Collaborative e-Learning Symposium in June 2006; the CETL-RLOs have requested a presentation at their next workshop (date TBC); Jorum have requested CD-LOR's participation in a panel discussion they are running at the HEA Conference in July 2006).	High
Institutional managers	Some dissemination via Cambridge/MIT KRN presentation; see below under section 18: Dissemination Plan.	High
Library managers and staff in UK HE and FE	Some dissemination via SCONUL Conference presentation; see below under section 18: Dissemination Plan.	Medium
Wider repositories community (e.g. institutional repositories; research data repositories, etc.)	Some interaction with mixed projects Rights and Rewards; RepoMMan; see below under section 11: Project Partners.	Medium
Software development community	No contact yet.	Medium
Technical standards development community	No use cases developed yet.	Low

## 7. Risk Analysis

So far the only minor problem to occur has been the slightly later than hoped for start of the project researcher. However, with some give in the project timings, and the team working very hard to catch up, the project is still on schedule.

There has also been a concern that the development of a typology of learning communities (and hence a mapping of issues to the typology) is a more complex and challenging task than anticipated. This has been exacerbated by the fact that some of our named Associate Partners do not yet have a functioning repository or active user community, although it should be noted that the reason they have joined CD-LOR is to ensure that they start with a good grounding in understanding their potential users' needs. However, the team has been working hard together on this issue, and are bringing together the partners and Steering Group to assist in finding a useful way forward; the Steering Group Meeting planned for Feb. 6<sup>th</sup> 2006 is expected to achieve resolution. In addition, Collaborative Partners who do have working repositories and/or active communities have been identified in order to utilise their experience fully. These include DIDET, IVIMEDS and UCEL.

## 8. Standards

The project has not yet had cause to utilise standards.

## 9. Technical Development

Technical developments have not begun.

## 10. Intellectual Property Rights

Not yet relevant.

## *Project Resources*

## 11. Project Partners

There have been no changes in the project partners or named Associate Partners. However, a number of new Collaborative Partners have agreed to work with CD-LOR on an un-funded basis. The current list of Collaborative Partners is listed below, with new additions and changes denoted by a \*. CD-LOR is currently considering asking the LAMS Community, which operates a repository of learning activity designs, if they would like to be Collaborative Partners. The Project Plan noted that CD-LOR would work with the European LIFE Project<sup>1</sup> which has a repositories strand. While LIFE is too informal to be considered a Collaborative Partner, the CD-LOR Project Manager sits on its Expert Working Group on Repositories and attended the first meeting of this group on 5<sup>th</sup> September 2005 in Manchester. This meeting produced a report in the form of draft minutes, but there is no publicly available version yet available.

### *JISC Digital Repositories Projects*

ASK: Accessing and Storing Knowledge

GRADE: Scoping a Geospatial Repository for Academic Deposit and Extraction

PROWE - Personal Repositories Online: WIKI Environment

RepoMMan: Repository Metadata and Management

Rights and Rewards in Blended Institutional Repositories

Sherpa Plus

SPIRE: Secure Personal Institutional and Inter-Institutional Repository Environment

Trust DR

UK Collaboration for a Digital Repository for High Stakes Assessments

### *Other JISC Projects*

DIDET - Digital Libraries for Global Distributed Innovative Design \*

HEA Subject Centres DeL Projects

WM-Share: Promoting shared use of digital content across the region

X4L & X4L2 Projects

### *Other collaborative partners*

CETL-RLOs (Centre for Excellence in Teaching and Learning in RLOs)

IVINURS: International Virtual Nursing School \*

LionShare (Penn State University, USA) \*

UCEL: Universities' Collaboration in E-Learning (University of Cambridge)

University of Nottingham School of Nursing \* (Developing database of RLOs; partner of UCEL and CETL-RLOs)

## 12. Project Management

There have been no changes to the project team or their roles since the project started. The distributed nature of the team has not been a problem, with short fortnightly teleconferences, the use of the CD-LOR-Management JISCmail list and instant messaging ensuring good communication and collaboration. Where a face-to-face meeting is deemed to be required, the team alternates between meeting at Strathclyde and Dundee. There has been a willingness to set up shared calendars but technical difficulties have prevented this from being in place to date; this will be resolved by April 2006.

The Steering Group's membership has changed slightly since the original Project Plan. The current Steering Group is listed below, with new additions and changes denoted with an \*.

Rob Alton \* (temporarily standing in for Dawn Leeder in representing UCEL)

John Bell \* (experienced in implementation of LO repositories in Australia)

Kerry Blinco

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<sup>1</sup> <http://life.eun.org/> : Learning Interoperability Framework for Europe

Tom Boyle  
John Casey  
John Cook  
Sarah Currier  
Mike Dodds  
Peter Douglas  
Susan Eales \* (representing JISC X4L and X4L2 projects)  
Mike Halm  
Tore Hoel  
Neil Jacobs  
Mark Kornbluh  
Dawn Leeder  
Allison Littlejohn  
Linda Malek  
Lou McGill  
Charles Oppenheim  
Liz Pearce \* (replaces Mike Clarke representing HEA)  
Ben Ryan  
Christine Sinclair  
Peter Sloep  
Amber Thomas \* (previously representing JISC DeL Project WM-Share, now a JISC Programme Manager with the Digital Repositories Programme).

### 13. Programme Support

The Project Manager and Project Director met with the Programme Manager at the JISC Programmes Meeting on 7<sup>th</sup> July 2005. The Project Manager then had one formal meeting on 24<sup>th</sup> August 2005 with the Programme Manager after her official start date of the Project. Apart from that, the CD-LOR Project Manager's other role as Support Officer for the Programme has enabled close and regular contact with the Programme Manager and Support Team. This has included attendance at various eFramework related meetings, and the JISC/CETIS Conference's Repositories' Strand on 15-16<sup>th</sup> November 2005.

The Project Manager, Director and Researcher all attended the JISC Digital Repositories Programme Meeting on 10<sup>th</sup> October 2005. The Project Manager also attended the JISC DeL Content Projects Meeting in York on 6-7<sup>th</sup> December 2005. One member of the Project Team will attend the next Repositories Programme Meeting in Warwick, on 27<sup>th</sup> March 2006.

The Project Manager and Researcher both attended the Digital Repositories Programme Use Case Training in Bath on 22<sup>nd</sup> November 2005, which was facilitated by project partner Intrallect Ltd. The Project Manager also attended the UML Training on 5-6<sup>th</sup> January 2006. Both were useful, although the team are still unsure about whether they will use UML in the project.

The Project Team have user accounts on the DigiRep wiki and are utilising the JISC-DRP and JISC-Repositories lists, as well as the relevant CETIS lists.

CD-LOR has made contact with and plans to work with the Rights and Rewards Project, the RepoMMan project and the TrustDR project:

- Rights and Rewards have carried out a user survey, the results of which will be useful for synthesis into CD-LOR's personal resource management strategies work; in turn Rights and Rewards will benefit from access to CD-LOR's results and perhaps to the institutional strategy work.
- RepoMMan have developed and carried out a first iteration (aimed at researchers) of an excellent survey that is very well designed for eliciting personal resource management strategy information. They have agreed to work with CD-LOR on re-purposing this survey for teaching and learning resource developers.
- The TrustDR project is, like CD-LOR, looking at typologies of resources, user types, repositories, etc. primarily for their own work in investigating DRM issues; they are working closely with CD-LOR to share ideas and results.

## 14. Budget

The CD-LOR Budget is being spent as expected; there are no problems at present. More details are in the full version of this report, which is not publicly available.

## Detailed Project Planning

## 15. Workpackages

Details of progress against the Project Plan for this reporting period may be found above in section 4: Project Outputs.

The next reporting period will involve the following Workpackages:

<b>Work Package</b>	<b>Output</b>	<b>Due date</b>	<b>Notes</b>
<b>WP1.1</b>	<b>Progress Report 2</b>	31.07.06	None
<b>WP1.7</b>	<b>Dissemination activities</b>	Ongoing.	See section 18: Dissemination Plan.
<b>WP1.8</b>	<b>Budget</b>	Ongoing; Budget Report in Progress Report 2.	None.
<b>W1.9</b>	<b>Communications</b>	Ongoing.	See section 12: Project Management.
<b>WP1.10</b>	<b>Collaborative partners in place</b>	None noted in plan; ongoing.	See section 11: Project Partners.
<b>WP2</b>	<b>Draft Typology Report</b>	30.11.05	Complete.
<b>WP3.1</b>	<b>Final Typology Report</b>	28.02.06	Draft report to be discussed and final approach decided on at Steering Group Meeting, 6.02.06; Final Report complete and disseminated by 28.02.06. Further stakeholder consultation in the form of a survey and interviews will take place in February 2006, as part of WP5.2.
<b>WP3.2</b>	<b>Use cases</b>	28.02.06	Use cases to be collected from project partners during Feb. 2006. Use case development and refinement will continue throughout the WP4 phase.
<b>WP4.1</b>	<b>Prioritise use cases for development</b>	31.03.06	Use cases will be submitted to JISC DigiRep wiki; prioritisation will involve Steering Group and Programme Manager as well as Partners.
<b>WP4.2</b>	<b>New LO Repository services, workflows and procedures.</b>	1.04.06 – 30.09.06	Possible new software development.
<b>WP4.3</b>	<b>Evaluation of above; refine use cases.</b>	1.06.06 – 30.11.06	Will only have just started by end of next reporting period.
<b>WP5.1</b>	<b>Institutional Strategy and Policy Review Report</b>	30.04.06	Will request help from project partners and Steering Group; relevant JISCmail lists; and other colleagues in seeking official policies and strategies of relevance as well as relevant existing studies and reports in this area; will then identify a number of institutional managers for interview.

<b>WP5.2</b>	<b>Personal Resource Management Strategies Report.</b>	30.04.06	CD-LOR is working with Programme Support Team to set up a Personal Resource Management Strategies Theme on the Programme wiki and a meeting on this theme at the next Programme Meeting. CD-LOR has agreed to work with RepoMMan to re-purpose their survey of researchers in order to elicit resource management strategies of teaching and learning materials developers; this will benefit both projects. Like RepoMMan, CD-LOR will also carry out interviews with end users as part of this work.
<b>WP6.1</b>	<b>Draft Structured Guidelines.</b>		Work has begun on the foundation for these guidelines, namely the Typology Report noted above under WPs 2 and 3.

## 16. Evaluation Plan

The Project Plan states that CD-LOR will take part in any Programme evaluation activities as instructed by the Programme Manager. The Project Manager has thus far attended a workshop session on evaluation at the JISC DeL Programme Meeting in York on 6-7<sup>th</sup> December 2005. No other Programme evaluation requirements have yet been made.

In terms of CD-LOR's own evaluation plan, formative evaluation is built into the methodology, which involves the testing and evaluation of outputs of the workpackages with stakeholders. Summative evaluation will be achieved through the evaluation of the final outputs by the wider educational community and/or the JISC as appropriate. For this reporting period, one deliverable is under development and is subject to final feedback and approval by the CD-LOR Steering Group and Programme Manager as noted below:

<b>Timing</b>	<b>Factor to Evaluate</b>	<b>Questions to Address</b>	<b>Method(s)</b>	<b>Measure of Success</b>
Oct. 05 – Feb. 06	<b>Deliverable 1: Report</b> (including literature review) on current LO repository models and practices, with a mapping of types of learning communities to drivers, barriers and enablers to uptake and embedding.	<ul style="list-style-type: none"> <li>- Does report cover all known repository issues and research findings?</li> <li>- Does report adequately describe existing learning community types?</li> <li>- Is mapping of community types to repository issues complete?</li> </ul>	Workshop; Project Partners' email list; Steering Group email list	Approval of associate and collaborative partners and Steering Group. The Steering Group, along with representatives of the Project Partners, is meeting on the 6 <sup>th</sup> Feb. 2006 to give feedback and advice on direction after which the Final Report will be completed and distributed for final approval.

## 17. Quality Assurance Plan

The Project Plan states that for most of the project deliverables (i.e. reports, use cases, case studies, guidelines and recommendations), their quality will be determined by their fitness for purpose as outlined in the evaluation plan, which details how the stakeholder communities will be consulted for review and comment throughout the life of CD-LOR. Further quality assurance for any software outputs are also mentioned, but as these have not yet begun, please refer to section 16: Evaluation Plan above.

## 18. Dissemination Plan

As stated in the Project Plan, CD-LOR has disseminated news of its activities, findings and outputs to, and called for input from, the appropriate sectors of the UK and international HE and FE communities through: production and distribution of flyers; newsletter announcements; attendance and presentations at relevant meetings, conferences and workshops; a project website; and announcements on relevant email lists, as noted in the table below. The project doesn't currently have any formal findings, so publication of articles, research papers and reports has not yet occurred; however, future plans on this are noted in the second table. All of the dissemination activities noted below have been successful and resulted in an increase of CD-LOR's profile as well as many useful contacts and resources coming our way. In some respects the challenge is to manage expectations from the e-learning community and deal with the volume of information and input within our small team. Press releases and items in university newsletters were planned for the first few months of the project, however, these have been postponed until there are some public deliverables available.

*CD-LOR dissemination achievements so far:*

<b>Timing</b>	<b>Dissemination Activity</b>	<b>Audience</b>	<b>Purpose</b>	<b>Key Message</b>
JISC All Programmes Meeting: 7-8 <sup>th</sup> July 2005.	Attendance of four team members; A4 poster; 2-minute presentation in Repositories Programme Meeting by Allison Littlejohn; informal dissemination through conversation.	JISC community	Raise awareness of project's existence, objectives and contact details; elicit contacts and resources.	At first meeting: project's name, aims and objectives, and contact details.
JISC Repositories Programme Meeting: 10 <sup>th</sup> October 2005.	Attendance of three team members; flyers handed out on informal basis; informal dissemination through conversation and participation in sessions.	JISC community	Raise awareness, objectives and contact details; elicit contacts and resources.	Project's name, aims and objectives, and contact details.
JISC DeL Content Projects Meeting: 6-7 <sup>th</sup> Dec. 2005.	Attendance of Project Manager; informal dissemination through conversation and participation in sessions.	JISC community	Raise awareness, objectives and contact details; elicit contacts and resources; start to organise collaboration with other projects.	Project's name, aims and objectives, and contact details; areas for collaboration.
June 2005- - Jan. 2006.	Flyer based on A4 poster for JISC Programmes Meeting. (NB: More up-to-date flyer under production for remainder of project)	Various educational communities; see below for details.	Raise awareness of project's existence, objectives and contact details.	Project's name, aims and objectives, and contact details.
ALT-C 2005 (Sept. 2005)	Attendance; informal dissemination through conversation and handing out project flyer.	UK e-learning community	Raise awareness of project's existence and objectives; elicit resources.	Project's name, aims and objectives, and contact details.

LIFE Project Expert Workshop on Learning Object Repositories Interoperability (Sept. 2005)	Attendance of Project Manager; informal dissemination through mentioning and handing out project flyer	LO repository experts involved in LIFE Project	Raise awareness of project's existence and objectives; elicit resources.	Project's name, aims and objectives, and contact details.
CETIS Joint Metadata & Digital Repositories SIG / Pedagogy Forum Meeting (Sept. 2005)	Attendance of Project Manager; brief presentation; informal dissemination through conversation and handing out project flyer	UK HE/FE e-learning community with interest in repositories and pedagogy	Raise awareness of project's existence and objectives; elicit resources	Project's name, aims and objectives, and contact details.
KRN Project Workshop on "Innovations in the Reuse of Electronic Learning Materials: Enabling Communities of Practice" (Sept. 2005)	Attendance of Project Manager; presentation; project flyer	International educational community with interest in LO repositories and communities.	Raise awareness of project's existence and objectives; elicit resources	Project's name, aims and objectives, and contact details.
Norwegian eStandard Project's Workshop for Librarians and e-Learning Developers, Oslo, 3 <sup>rd</sup> Oct. 2005.	Presentation by Project Manager on Librarians' Role and Learning Objects and Learning Object Repositories; including mention of CD-LOR.	International educational community with interest in LO repositories and communities.	Raise awareness of project's existence and objectives; elicit resources	Project's name, aims and objectives, and contact details
Launch of SIESWE Learning Exchange, Glasgow, 14 <sup>th</sup> Nov. 2005.	Intrallect attended, had exhibition stand, distributed newsletter and flyers; project mentioned by Learning Exchange Manager in opening speech.	Social work education community, Scotland.	Raise awareness of project's existence and objectives; raise awareness of SIESWE Learning Exchange's involvement in project.	Project's name, aims and objectives, and contact details
Digital Libraries Workshop at the Institutes of Technology and Polytechnics of New Zealand association, Wellington, New Zealand, 17 <sup>th</sup> Nov. 2005.	Allison Littlejohn presented this workshop.	New Zealand digital libraries and e-learning communities.	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details

C-SAP Conference, 23-25 <sup>th</sup> Nov. 2005.	Intrallect attended, had exhibition stand, distributed newsletter and flyers.	Social sciences teaching & learning community.	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details
Examining Online Repositories Workshop at the Educational Development Centre, University of Western Sydney, Penrith, Australia, 25 <sup>th</sup> Nov. 2005.	Allison Littlejohn presented this workshop.	Australian teaching and learning colleagues.	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details
SCONUL Annual Conference, London, 29 <sup>th</sup> Nov. 2005.	Presentation by Project Manager on Learning Objects and Learning Object Repositories; including mention of CD-LOR.	Senior librarians in UK HE and other research libraries.	Raise awareness of project's existence and objectives; make contacts for institutional management Workpackages.	Project's name, aims and objectives, and contact details.
Online Educa Berlin, 1-2 <sup>nd</sup> Dec. 2005.	Intrallect attended, had exhibition stand, distributed newsletter and flyers.	International e-learning community.	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details
Community Dimensions of Learning Object Repositories: Keynote at ASCILITE, Queensland University of Technology (QUT), Brisbane, Australia, 7 <sup>th</sup> Dec. 2005.	Allison Littlejohn gave this keynote address.	International e-learning community.	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details
CD-LOR Seminar at the Centre for Learning, Teaching and Technology, Hong Kong Institute of Education, Hong Kong, 13 <sup>th</sup> Dec. 2005.	Anoush Margaryan and Allison Littlejohn presented this seminar.	Hong Kong e-learning community.	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details

JISC Digital Repositories Programme Site Visits: 11-13 <sup>th</sup> Jan. 2006.	Project Manager visited four e-learning Repositories Projects in her other role as Support Officer; utilised opportunity to discuss CD-LOR and potential collaboration with the projects.	JISC Digital Repositories Projects	Raise awareness, objectives and contact details; elicit contacts and resources; start to organise collaboration with other projects.	Project's aims and objectives; areas for collaboration.
Oct. 2005 onwards	Project website.	Educational community.	Raise awareness of project's aims, objectives, activities and outputs; contact details for project.	Project's name, aims and objectives, and contact details; project outputs, deliverables, documents, etc.
Oct. 2005 – Feb. 2006.	News items in institutional newsletters; so far Intrallect have included a front-page article on the project in their newsletter <sup>2</sup> which has been distributed to ca. 3000 people via email lists (mostly in the U.K.) plus many more at the events Intrallect have attended. Dundee and Strathclyde have not yet featured CD-LOR in their newsletters.	Intrallect customers and potential customers; attendees at trade shows and demonstrations at e-learning conferences.	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details.
Oct 2005 – May 2007	Announcements on relevant email lists have so far been made to elicit help with the project's desk research; once public deliverables are available, they will be widely disseminated via relevant lists.	Educational community interested in e-learning, interoperability, pedagogy, learning communities, etc. depending on list.	Raise awareness of project's existence and objectives; elicit resources, feedback, discussion on project's activities; promote events and outputs.	Project's name, aims and objectives, and contact details; project progress; interim project outputs.

*CD-LOR dissemination plans for next reporting period:*

<b>Timing</b>	<b>Dissemination Activity</b>	<b>Audience</b>	<b>Purpose</b>	<b>Key Message</b>
Oct. 2005 onwards	Project website; ongoing development.	Educational community.	Raise awareness of project's aims, objectives, activities and outputs; contact details for project.	Project's name, aims and objectives, and contact details; project outputs, deliverables, documents, etc.

<sup>2</sup> <http://www.intrallect.com/news/newsletter/intrallectnewsletter3.pdf>

Feb. 2006 – May 2007.	This will be investigated for Dundee and Strathclyde newsletters when there are public deliverables. Intrallect will continue to feature articles in their newsletter when there is something of interest to report.	Dundee and Strathclyde University staff, and Intrallect customers.	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details.
Feb. 2006 – May 2007.	Press releases: no press releases have been sent out; this will be reviewed by Project Management Group and Steering Group to ascertain optimum time to do this.	Wider educational community	Raise awareness of project's existence and objectives	Project's name, aims and objectives, and contact details.
Oct 2005 – May 2007	Announcements on relevant email lists: will continue to be sent out.	Educational community interested in e-learning, interoperability, pedagogy, learning communities, etc. depending on list.	Raise awareness of project's existence and objectives; elicit resources, feedback, discussion on project's activities; promote events and outputs.	Project's name, aims and objectives, and contact details; project progress; interim project outputs.
ALT-SURF Spring Conference and Research Seminar on repositories. (April 2006)	Possible attendance of project team member (s); possible presentation of project work so far. This will need to be investigated as it is possible there will be less emphasis on repositories than usual at this Conference, although there will be related discussions on such issues as social software.	UK/Dutch e-learning community interested in repositories.	Raise awareness of project's existence and objectives; elicit resources; feed into wider repository developments.	Interim outputs and findings.
Networked Learning Conference 2006	Attendance of project team member(s); involvement in symposium on repository developments.	International e-learning community.	Raise awareness of project's existence and objectives; elicit resources; feed into wider repository developments.	Project progress; interim project outputs.

ALT-C 2006 (Sept. 2006)	Attendance; project poster; possible submission of paper (depends on acceptance); collaboration with other Repositories Programme projects on workshop; Intrallect stall with newsletters/flyers.	UK HE/FE e-learning community	Raise awareness of project's existence and objectives; elicit resources; disseminate and evaluate outputs	Project progress; interim project outputs.
Collaborative e-Learning Symposium: 22-23 <sup>rd</sup> June 2006, Cambridge University.	Project Manager attending; giving keynote address; facilitating session on repositories based on CD-LOR work out of which a publication will be collaboratively authored.	UK HE/FE e-learning community.	Raise awareness of project's existence and objectives; disseminate and evaluate outputs.	Project progress; interim project outputs.
HEA Conference: 5-7 <sup>th</sup> July 2006.	Project Manager taking part in panel for discussion on repositories issues with Jorum Team (awaiting acceptance of proposal).	UK HE/FE community.	Raise awareness of project's existence and objectives; disseminate and evaluate outputs.	Project progress; interim project outputs.
2006-2007	Journal articles and papers (e.g. ALT-J; JIME; information science journals etc.)	E-learning and information management academic communities.	Disseminate findings.	Interim outputs and findings; Final outputs and findings.
2006-2007	Project deliverables	UK HE/FE, international HE/FE	Disseminate outputs and findings.	Interim outputs and findings; Final outputs and findings.
ALT-C 2007	Attendance; possible poster; possible submission of paper (depends on acceptance); possible demonstration of software	UK HE/FE e-learning community	Share project's outcomes with community.	Project outputs and findings.
Relevant CETIS SIG meetings and CETIS conferences throughout life of project (2005-2007)	Attendance; presentations on progress and interim and final outcomes on project; project flyers	UK HE/FE e-learning community with interest in interoperability	Raise awareness of project's existence and objectives; elicit resources; disseminate and evaluate outputs; feed into wider repository developments.	Project progress; project outputs.

Presentations, posters, workshops and demonstrations at other relevant fora as identified throughout life of project, e.g. conferences, workshops, working meetings.	Attendance; presentations on progress and interim and final outcomes on project; project flyers; informal dissemination through conversation	Communities with interest in e-learning; repositories; learning communities; pedagogy and repositories; information and knowledge management in HE/FE etc.	Raise awareness of project's existence and objectives; elicit resources; disseminate and evaluate outputs and findings.	Project progress; project outputs
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## 19. Exit/Sustainability Plan

There is nothing yet to report under exit/sustainability. The project is on the verge of releasing its first major output report; this will be made available on the project website and disseminated as widely as possible. There are no anticipated changes to the exit/sustainability plan as noted in the Project Plan.