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UNFOLD D 6.4 Half yearly report 4

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1. Deliverable Identification Sheet

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2. Summary

This reporting period corresponded to the final six months of UNFOLD, which ran from July 2005 to December 2005, a total of 6 months. During this reporting period the project continued with the line of work which had been successful in earlier reporting periods.

The most high profile activities carried out were the strong programme of face to face meetings, with three major events being held in the period. These consisted of two full Communities of Practice meetings, where members came together to share their work, and discuss future developments, and a two day seminar with the presentations of papers and a published volume of proceedings.

The project also organised and ran four Learning Design workshops where participants who were not members of UNFOLD could find out about Learning Design, and gain some initial skills. In addition the project participated in four events organised by other conferences or institutions.

These events were accompanied by online activities on the Learning Networks for Learning Design server, including four online seminars, and the maintenance of forums. Additional material was developed for the UNFOLD resource base, including example Units of Learning.

Participation in the UNFOLD Communities of Practice remained at a high level, with a total of 151 participants attending the three principal events, the vast majority at their own expense. Representation was drawn from a wide range of countries, not only in Europe but also from around the world, in particular from Australia and Canada. Membership of the project web sites rose to over 1200, with over 600 being subscribed to receive the UNFOLD mailing list project updates and information about developments in Learning Design and related issues. Four online seminars were held, which enabled participants from around the world to stay in touch with developments in the field.

Participation continues to be principally from the academic sector, but the project has been pleased to have participation from industrial partners in all the major events which it has organised. Of particular significance was the presentation at the Berlin meeting of the first use of IMS Learning Design in a commercial application, and the plans presented by Cordys for the use of the specification. A strong link was also made with the .LRN and Boddington Open Source Virtual Learning Environments, building on the work done with Moodle. This led to a demonstration by .LRN of the first version of a new Learning Design player incorporated in their system.

In addition to this public activity, the project also facilitated contacts between members of the Communities of Practice at a personal level through email and personal contacts. In particular this led to the organisation of two workgroups, on the 'Layer of services between IMS LD, LAMS and Moodle' and on 'Integration between IMS LD and Moodle'. It was also a satisfying result to see the Collage tool being built on the Reload LD editor, a development process which had been facilitated by UNFOLD meetings. UNFOLD also took on a formal role as the user group for the SLED project which is developing a service based Learning Design player.

The sustainability workpackage commenced in this period. Work was carried out to analyse project assets, and their potential for sustainable use. The project infrastructure was adapted for an unfunded future, including the transformation of the UNFOLD web into a

project showcase, and the creation of a booklet describing the achievements of the project. Possible sources of renewed funding were explored¹.

Evaluation work continued according to the evaluation plan, and at the end of the period the material gathered in the course of the project was gathered together and analysed for the final evaluation report.

¹ Let us mention that a proposal was submitted to the eContent plus programme entitled UNFOLD+, which is coordinated by one of the partners and support from both the partnership and outside

3. Key Indicators of project progress

Overall assessment of the main milestones achieved, or results delivered

There was a strong focus on the face to face meetings of the Communities of Practice, in view of the success of these events in the previous reporting period, and the willingness of participants to attend at their own expense. The project successfully completed the programme of Community of Practice activities which had been planned, leading to a schedule of activities which is considerably more extensive than that originally set out in the project workplan. Four online seminars were held to provide for participants who were unable to attend in person events. Perhaps the strongest indicator of project progress, however, is the large numbers of participants who have been willing to spend their own funds in attending UNFOLD events, the wide range of Learning Design related work which has been presented, and the cross fertilisation between the projects and individuals who have attended.

The membership of UNFOLD web sites rose to over 1200 by the end of the project, with 630 being subscribed to the UNFOLD mailing list with project updates and information about developments in Learning Design and related issues.

Workgroups were set up to work on the 'Layer of services between IMS LD, LAMS and Moodle' (Ernie Ghiglione, Daniel Burgos, Colin Tattersall, Rob Koper, Martin Dougiamas, Scott Wilson) and on 'Integration between IMS LD and Moodle' (Daniel Burgos, Martin Dougiamas, Rob Koper, Hubert Vogten, Colin Tattersall). The project also hosted and participated in the IMS working group for IMS Content Packaging.

The UNFOLD web site was transformed into a project showcase, and a paper publication prepared describing the achievements of the project and providing valuable introductory information about the specification. The proceedings of the Valkenburg two day seminar were also published, along with a large number of other publications detailed below in this report.

A project booklet was edited, printed, and distributed, as a final project publication and public report.

Problems encountered and decisions taken

No significant problems have been experienced.

Conclusive statement on correspondence between planned project progress (as detailed in the Project Programme) and actual accomplishments.

The project has fulfilled the UNFOLD workplan, providing support and facilitation for the UNFOLD communities of practice. The project has responded to the needs of the participants by providing additional events and online activities. All workpackages were completed on schedule.

4. Work progress overview by work-packages

In this reporting period the active work-packages were

- WP 4 Facilitating communities
- WP 5 Conferences studies and symposia
- WP 6 Evaluation
- WP 7 Sustainability

4.1 Work-package 4 CoP Facilitation

Objectives for the reporting period

- To ensure the smooth and effective running of the UNFOLD CoPs, signing up members and building commitment to the Communities of Practice from the participants
- To provide a stimulating and productive online working environment, with appropriate resources, documentation and online support.
- To facilitate the definition of research lines and valuable research outcomes.

Achievements

As set out in the previous half yearly report, the project rationalised the structure of the UNFOLD websites, with the www.unfold-project.net site becoming the focus for information and subscription to the UNFOLD mailing list, and the Learning Networks for Learning Design (LN4LD) at moodle.learningnetworks.org becoming the focus of online activities for the Communities of Practice.

This new arrangement proved to be clearer and more manageable, making it easier for members to know where to find what they needed. By the end of the period membership of the UNFOLD site and mailing list had risen to 621, while membership of LN4LD stood at 892. Taking into account that many members participated in both sites, the total number of individuals involved in the UNFOLD Communities of Practice was 1210.

Providing information service for members

Many of these members were primarily interested in receiving information about IMS Learning Design, and so the mailing list continued to be an important activity, with messages being sent to all members every 14 days on average. On the front page of the UNFOLD Web site news was posted more frequently, whenever an important item became available.

Online activities

During this period four synchronous online events were held.

The first of these was a follow up discussion of UNFOLD CoP Meeting in Braga. The other three are better described as on-line seminars, with discussion based on particular topics:

- The JIME Special Issue on LD. This special issue included papers by many participants in UNFOLD, as described in the following section. In this online discussion UNFOLD provided the opportunity for the authors and others to discuss the various papers.
- Moodle and IMS LD. This discussion built on the intense activity surrounding Moodle and IMS Learning Design which followed the participation of Martin Dougiamas, the Lead Programmer of Moodle, at the Braga Communities of Practice meeting in June 2005.
- 'Models for reuse of learning scenarios', a paper especially produced for UNFOLD by Jean Philippe Pernin and Anne Lejeune, which was the result of UNFOLD initiatives in France.

Edited transcripts of all these discussions were posted on the LN4LD server, and forums were provided for follow up discussions.

The Forums were maintained throughout this reporting period, and the project facilitators initiated 29 threads (either directly or through close collaborators among the membership). The response was relatively low key, with only 84 responses. Extensive personal email contacts were maintained with members, which led to a number of significant developments. This was particularly so in the involvement of industrial representatives in CoP meetings, in particular Cordys in Glasgow, and TheCode in Berlin. Another important focus of activity was around Open Source Virtual Learning Environments. Project staff participated actively in the moodle.org server, where strong interest had been shown in the use of Learning Design, following the participation Martin Dougiamas, the Lead Programmer of Moodle, at the Braga Communities of Practice meeting in June 2005. This led to the inclusion of a paper authored jointly by UNFOLD members and Moodle participants for the JIME special issue on Learning Design, August 2005. This activity was extended to the .LRN platform following contacts at the Genova Open Source 2005 conference, and led to the presentation of initial version of the .LRN Learning Design player at the Berlin event. Contacts were also maintained with key members of the Boddington community, who also attended UNFOLD events, and it is expected that this platform will also adopt Learning Design.

More formal outcomes were the formation of two working groups to work on the ‘Layer of services between IMS LD, LAMS and Moodle’ (Ernie Ghiglione, Daniel Burgos, Colin Tattersall, Rob Koper, Martin Dougiamas, Scott Wilson) and on ‘Integration between IMS LD and Moodle’ (Daniel Burgos, Martin Dougiamas, Rob Koper, Hubert Vogten, Colin Tattersall). The project also hosted and participated in the IMS working group for IMS Content Packaging, which is a key specification for IMS Learning Design.

Learning resources made available

Four new example Units of Learning were developed to illustrate various aspects of these of Learning Design and added to the “Runnable units of learning” course on LN4LD, which includes learning materials for setting up the software required. These were

Name of UoL	Level of IMS LD	Purpose of the example
Geo-Quiz	Level B	Adaptive learning flow depending on user results
Quo Builder	Level B	personalization and adaptive learning flow depending on user results. 1 role
Quo Builder 2	Level B	, illustrating personalization, run-time tracking and adaptive learning flow depending on user results. 2 roles
Caminatas	Level A	Illustrating re-purposing of a generic game into a learning scenario modelled in IMS LD

A total of 37 exemplar UoLs is now available in this course, including some developed by members of the project who have attended events.

4.2: Work-package 5 Conferences, symposia and studies

Specific objectives for this reporting period

- To organise face to face UNFOLD events for user groups.
- To draw out and report on the outcomes of UNFOLD activities, and report on UNFOLD activities to the wider user group through conferences and publications
- To facilitate and coordinate research within and amongst the CoPs.

Face to face UNFOLD events for user groups

In this period a total of eight events have been organised by UNFOLD for the user group. These may be divided into two groups

- a) Events organised for UNFOLD members
- b) Events intended to raise awareness of the project and IMS LD in the wider user group.

a) Events organised for UNFOLD members

UNFOLD / Prolearn joint workshop, Valkenburg, 22-23 September

This workshop could perhaps be better described as a seminar, with the presentation of papers by members, and discussion. A volume of proceedings was produced, and distributed to all the attendees, a total of 70 participants, the maximum number for the location.

All the papers accepted for the workshop were published in the special issues on Learning Design of the IEEE journal Educational Technology & Society (<http://www.ifets.info>). These articles give an overview of current lines of research including: the use of ontologies and the semantic web, learning design patterns, the development and use of Learning Design tools.

Additionally the workshop provided a platform for the presentation of papers from the Journal of Interactive Media in Education (JIME) special edition on *Advances in Learning Design* (<http://www-jime.open.ac.uk/2005/01>). This JIME issue includes 17 articles, several of which were commissioned by UNFOLD, that reflect on the Springer Handbook on Learning Design which was released in early 2005. All but one of these articles were written by people with a strong participation in UNFOLD.

Glasgow CoP meeting.

The Glasgow meeting comprised a mixture of practical workshops with IMS LD tools, and discussions of the pedagogical and organisational implications of the specification. The three practical workshops were on “Reload and CopperCore: beyond level A” run by UNFOLD staff member Daniel Burgos of OUNL, SLED, run by Patrick McAndrew of the Open University UK, and Collage: a Collaborative Learning Design Editor”, run by Davinia Hernández Leo of the University of Valladolid.

As regards the discussion aspects of the meeting, we were delighted to welcome James Dalziel of the LAMS foundation, as this application has been of great interest to members from the point of view of its interface, and the issues raised by providing IMS LD compatibility have proved a valuable focus of UNFOLD discussions.

As the meeting was held in the UK, this also proved a valuable opportunity to cement collaboration with the e-Framework initiative, and the presence of Bill Olivier, technical director of JISC, made this a valuable opportunity to plan for a future based on services. Contributions by Peter Douglas (Intrallet), Sarah Currier (Glasgow University), and Scott Wilson (CETIS) also contributed to this theme.

Berlin CoP meeting, 28th- 29th November, 2005

Having facilitated and disseminated developments in IMS LD in earlier meetings the project wanted to look to the future following the close of the project. To this end the final UNFOLD Communities of Practice meeting mapped out the requirements for the next generation of Learning Design based systems, and took the first steps to planning how this could be achieved. The scope included all aspects of Technology Enhanced Learning. The first day focused on identifying the requirements for a next generation LD based eLearning solution, through a workshop process led by Rob Koper of the OUNL.

In the second day meeting split into two parallel strands which built on the results of the first day. The Pedagogy defined discussed how to provide concepts and a vocabulary which divide the proposed functionality into chunks which supports teachers and learners in their use of the proposed system, and provided some initial proposals.

The Architecture group, led by Scott Wilson of CETIS, reviewed existing architectures to see how far they provide support for the proposed functionality, and produced a first draft of an architecture for the next generation of activity based eLearning systems. This draft architecture distilled the results of discussions in UNFOLD during the life of the project, and presented it in a form which could be picked up by other groups and projects. This has indeed occurred, and the architecture has been adopted as the principal starting point by the TENCompetence project, an IP which started soon after the Berlin meeting.

The discussions benefited from an international dimension with input presentations from Australia and Canada. Sue Bennett of the Research Centre for Interactive Learning Environments, University of Wollongong, Australia described their work on learning design templates and vocabularies, while Griff Richards of Simon Fraser University Canada provided a perspective on collaboration and sharing with Learning Designs. Other significant presentations scheduled between the discussions included those on Liverpool Hope University's trials of Learning Design in an authentic learning context, and from the .LRN team on the Learning Design compliance work being carried out in that Open Source Virtual Learning Environment.

In order to reach beyond the members of UNFOLD, the project also organised four Learning Design workshops in this reporting period, at the following events

- EUCEN Autumn Conference Rome (two half day sessions)
- SIGOSSEE-JOIN Conference, Heerlen, Netherlands (two half day sessions)
- Universidad Complutense workshop Madrid (three half day sessions)
- In collaboration with the International Labour Organisation, a workshop in Dakar

UNFOLD also organised and hosted the IMS Content Packaging Meeting in Heerlen. This enabled the project to strengthen links with the working group developing a key specification which is integrated into Learning Design.

UNFOLD also took part in five other events in this period:

- A strong presence at the LORNET 2005 conference in Vancouver, participating in a workshop on Learning Design, an international round table, and providing a paper.
- Participation in a pre-conference workshop on reference models at Online Educa Berlin
- A keynote presentation to the SPEDECE 2005 conference in Barcelona
- A keynote presentation to the SIGOSSEE / JOIN conference
- Participation in a Summer School on Open Source software at the Jaume I University in Castelló, Spain.

4.3: Work-package 6 Evaluation

Specific objectives (for the reporting period)

The objectives for this period were

- to continue evaluation of UNFOLD project work, as set out in the evaluation plan
- to compile and analyse data for the project as a whole, and draw conclusions.

Achievements

Ongoing evaluation work carried out included the following actions:

evaluation of project events through questionnaires administered to participants and the analysis of the results.

Assessment of adoption of the IMS Learning Design specification in the wider user group, so that the achievement of UNFOLD can be benchmarked in the wider context.

Analysis of log files from UNFOLD websites

The results from these actions were collated with the results from the previous two phases of project evaluation and the results were analysed. This was carried out both in terms of participation in the project and in the attitudes and opinions of participants. This process provided a picture of the profiles of participation, and on the development of patterns of participation, as well as a perspective on the development of Learning Design, as seen by the participants.

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Detailed discussion of the results is available in project deliverable D8.3, and here we draw attention to:

- Consistent increase in reported use of IMS LD which is registered in the different meetings, with a trend from overall interest towards more and more use of IMS-LD.
- Current activity is still based around IMS LD tooling rather than use with learners
- Project participation was strongest in UK and Netherlands, the historical centres of IMS LD. Evidence of the work of the project was seen in the high participation rates from Spain and Portugal and France. Internationally Canada and Australia had very strong showings, while the USA was almost invisible.
- A strong preference for face to face activities rather than online interaction. This was both directly expressed by participants and observed in their actions.
- There was a steady increase in the use of the project servers
- Substantial progress has been made in tooling for IMS LD, but adoption by institutions, teachers and learners is still at a very early stage. Most activities are research based.

Sustainability

Specific objectives (for the reporting period)

- assess the achievements of UNFOLD and the need for continued activity
- propose alternative models for sustainability- prepare a sustainability plan
- take such action as is recommended to establish a basis for continued activities.

Achievements

This workpackage commenced in this reporting period.

The responsible partner for this workpackage was changed exchanging “use of knowledge” and “sustainability plan”. This is because Bill Olivier, who was expected to have strong input into sustainability, has left Bolton, and because OUNL is well placed to discuss the emerging relationship with other projects and initiatives. This change is documented in the minutes to the project meeting of 11th October, available in the annex to this report.

The achievements of the project and the need for continued UNFOLD activity were analysed. It was found that

- a) The communities involved in implementing and adopting Learning Design have made substantial progress towards the goal of establishing IMS LD as a de facto standard for the formal description of learning activities and pedagogic planning. The contribution of UNFOLD has been significant in bringing all these initiatives together, and in facilitating information and communication to maximise collaboration and dissemination.
- b) The development of tooling has been slower than had originally been anticipated, because the specification is much more ambitious and extensive than previous IMS specifications. Indeed, it is only as the project comes to a close that the first results of trials with learners in authentic contexts have been conducted.
- c) There is a need for continued UNFOLD activity, to carry forward the strong foundation of achievement by the communities involved in the project, and to achieve widespread adoption.

Specifically there is a need to

- To sustain and foster the communities that developed around the activity of UNFOLD, including the relationships between research groups, institutions and projects supported by the UNFOLD Project
- To promote awareness of the results of UNFOLD
- To maintain, share and extend the pool of knowledge generated in order to maintain its relevance.

Recommendations were made for sustainability through

- Unfunded work by project partners (maintenance of the web infrastructure and mailing list, availability of publications)
- Maintaining the engagement of UNFOLD participants
- Seeking renewed funding

This analysis was

and the results are presented in the initial sustainability plan milestone, which was refined and developed in D9, the project sustainability plan.

Two other important actions were undertaken in this workpackage. Firstly, a booklet was edited with contributions from UNFOLD personnel and project participants, and published with an ISBN number. This summarises project achievements, as well as providing an introduction to Learning Design and a specially written article by Rob Koper. This document is also available as a pdf file on the project web.

Secondly, the www.unfold-project.net website was transformed so that it would function both as a project showcase, and also provide a sustainable source of information and point of contact after the end of the project. The site has the following functionality:

- Links to subscribe to to the UNFOLD mailing list and unsubscribe.
- RSS feeds with news on projects and initiatives relevant to Learning Design
- A simplified navigation structure, with an *UNFOLD showcase* section and link to a pdf file of the UNFOLD final publication
- Information on IMS Learning Design and related issues

5. Progress by Work-package/Task/Percentage of achievement

Month	% achieved	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WP 1 Management	75%	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WP 2 Awareness raising	100%	X	X	X	X	X	X																		
WP 3 Establishing communities	100%	X	X	X	X	X	X																		
WP 4 Facilitating communities	66%							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WP 5 Conferences studies and symposia	60%										X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WP 6 Evaluation	71%				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WP 7 Sustainability	0%																			X	X	X	X	X	X

Legend

			= Workpackage not active
			= Workpackage active, not completed
X	X	X	= Workpackage active, completed

6. Issues requiring intervention of Project Officer

None

7. Project Management

Contractual issues (e.g. change in partner status or project teams)

None

Financial and Administrative deviations

None

Relevant developments outside the project

A number of significant developments have taken place in relation to the issues addressed by UNFOLD. In particular the significance of the e-Framework, principally funded by JISC in the UK, has become evident. This is promoting a service based approach to educational IT infrastructure, and it has become clear that IMS Learning Design implementations will have to adapt in order to meet this new approach. The TENCompetence IP project, which started as UNFOLD ends, will take forward this work in the European sphere, as it has adopted a service oriented architecture in its work with Learning Design.

Deviations if any and corrective action

None

Publications

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Co-operation within the consortium, including project meetings

Participants	Event	Place	Date
Colin Tattersall, Daniel Burgos, Dai Griffiths, Chris Kew	Project meeting	Heerlen	21-09-05
Dai Griffiths, Daniel Burgos, Chris Kew, Lisa Corley, Ana Dias	Project meeting	Glasgow	11-10-05
Colin Tattersall, Dai Griffiths, Daniel Burgos	Preparation for CoP	Online	25-11-05

Participation in workshops and/or conferences, publications etc.

Event	Place	UNFOLD activity	URL	date
UNFOLD workshops and CoP meetings				
UNFOLD / ProLearn	Valkenburg	Organisation of UNFOLD/ProLearn joint workshop	http://www.unfold-project.net/project/events/general/unoldfprolearn/summary.html	22-23 Sept 05
UNFOLD CoP meeting	Glasgow	Organisation of three day meeting	http://www.unfold-project.net/project/events/cops/glasgowcop/	12-14 Oct 05
UNFOLD CoP meeting	Berlin	Organisation of two day meeting	http://www.unfold-project.net/project/events/cops/berlin/	28-29 Nov 05
ILO Workshop	Dakar	Workshop on UNFOLD and LD	No link available	8-9 Dec 05
EUCEN Autumn Conference	Rome	Organisation of UNFOLD workshop	http://www.eucen.org/conferences/past/Roma/EUCENWeb/Programme.htm#2	18-19 Nov 05
SIGOSSEE-JOIN Conference	Heerlen	Organisation of UNFOLD workshop	http://www.openconference.net/index.php?cf=3	14 Nov 05
IMS Content Packaging Meeting	Heerlen	Organisation and hosting of IMS Content Packaging group meeting	No public link is available	13-14 Oct 05
Universidad Complutense workshop	Madrid	Implementation of three day Learning Design workshop	http://moodle.learningnetworks.org/course/view.php?id=37	12-14 Dec 05
UNFOLD Conference sessions				
Presentation	Heerlen	Keynote presentation of UNFOLD to SIGOSSEE conference	http://www.openconference.net/index.php?cf=3	14 Nov 05
Seminar	Online	Discussion of UNFOLD CoP Meeting in Braga,	http://moodle.learningnetworks.org/course/view.php?id=34	6 July 05
Seminar	Online	Discussion of JIME Special Issue on LD	http://moodle.learningnetworks.org/course/view.php?id=34	28 Sep 05

Seminar	Online	Moodle and IMS LD	http://moodle.learningnetworks.org/mod/forum/view.php?id=278	5 Oct 05
Seminar	Online	Models for reuse of learning scenarios	http://moodle.learningnetworks.org/mod/resource/view.php?id=334	15 Dec 05
UNFOLD participation in other events				
OSS 2005	Genova	Presentation of UNFOLD paper	http://oss2005.case.unibz.it/	12-13 Jul 05
Software lliure i educació	Castelló	Presentation on UNFOLD and Open Source LD infrastructure	http://www.uji.es/serveis/sasc/cest2005/cast/summer.shtml	14 Jul 05
2ª. Jornada de Interação em EAD 1º. Encontro Internacional em Telemática Educativa	Ceará, Brasil	Participation in seminar and presentation	http://www.cefetce.br/Workshop/programacao.htm	25-26 Aug 05
SIGOSSEE workshop	Stockholm	Presentation and round table	http://www.ossite.org/	13-16 Sep 05
SPEDECE 2005	Barcelona	Keynote address on UNFOLD and IMS LD	http://www.uoc.edu/symposia/spdece05/	21 Oct 05
Online Educa	Berlin	Participation in workshop on UNFOLD contribution to reference models	http://www.online-educa.com/pre_conference/10.htm	30 Nov 05
LORNET 2005	Vancouver	Workshop, paper presentation and plenary round table discussion session.	http://www.lornet.org/i2lor5/en/theorem.htm	14-18 Nov 05

8. Effort breakdown

Project Acronym and No.	UNFOLD FP6/2002/IST/1/507835		
6 month period No	1		
Period Dates	01/04/04	to	30/06/04

Effort for the reporting period of 6 months
(Person months)

Contractor	WP 01	WP 02	WP 03	WP 04	WP 05	WP 06	WP 07	Total
FBM-UPF	0.5			3.0	2.5	2.5	2.5	11.0
OUNL	0.0			0.9	1.3	0.2	0.5	3.0
University of Bolton	0.0			0.8	1.8	0.2	0.0	2.8
EUCEN	0.0			0.0	0.4	0.0	0.5	1.0
Total	0.5			4.8	5.9	3.0	3.5	17.7

Cumulative Effort for the Project
(Person months)

Contractor	WP 01	WP 02	WP 03	WP 04	WP 05	WP 06	WP 07	Total
FBM-UPF	3.0	1.9	4.9	13.7	11.6	9.7	2.5	47.3
OUNL	0.0	1.8	1.2	7.4	5.8	1.3	0.8	18.4
University of Bolton	0.0	1.1	2.5	7.1	6.7	2.2	0.0	19.7
EUCEN	0.0	3.2	0.0	1.1	4.7	0.6	1.0	10.5
Total	3.0	8.1	8.6	29.2	28.8	13.8	4.3	95.9

9. Travel list for July - December 2005

Partner	Reason for travel	Date	Person	Destination
UPF	Genova OSS 2005	12-15 Jul 2005	D. Griffiths	Genova
UPF	Presentation, round table	13-16 Sep 2005	D. Griffiths	Stockholm
UPF	UNFOLD seminar	20-24 Sep 2005	D. Griffiths	Valkenburg
UPF	CoP meeting	11-14 Oct 2005	J. Santos	Glasgow
UPF	CoP meeting	11-14 Oct 2005	T. Navarrete	Glasgow
UPF	CoP meeting	11-14 Oct 2005	D. Griffiths	Glasgow
UPF	LORNET conference	9-19 Nov 2005	D. Griffiths	Vancouver
UPF	JISC Conference	15-16 Nov 2005	J. Blat	Edinburgh
UPF	CoP & Online Educa	27 Nov - 1 Dec	D. Griffiths	Berlin
UPF	UNFOLD workshop	11-14 Dec 2005	J. Blat	Madrid
OUNL	CoP meeting	11-14 Oct 2005	D Burgos	Glasgow
OUNL	CoP meeting	11-14 Oct 2005	C. Tattersall	Glasgow
OUNL	CoP & Online Educa	27 Nov – 2 Dec	C. Tattersall	Berlin
OUNL	CoP meeting	27 - 30 Nov 2005	D Burgos	Berlin
OUNL	CoP meeting	27 Nov - 2 Dec	R. Koper	Berlin
OUNL	UNFOLD workshop	11-14 Dec 2005	D Burgos	Madrid
Bolton	EIAH workshop	6 Jul	C. Kew	Grenoble
Bolton	EIAH workshop	15 Sep	C. Kew	Grenoble
Bolton	UNFOLD workshop	12 – 14 Oct	C. Kew	Liverpool Hope Uni.
Bolton	CoP meeting	18 - 20 Nov 05	C. Kew	Glasgow
Bolton	UNFOLD workshop	27-30 Nov	C. Kew	Rome
Bolton	CoP meeting	15 Sep	C. Kew	Berlin
Bolton	UNFOLD Workshop	8-9 Dec	C.Kew	Dakar

EUCEN	CoP meeting	27 Nov - 4 Dec 2	A Dias	Berlin
EUCEN	CoP meeting	11-15 Oct 2005	A Dias	Glasgow
EUCEN	UNFOLD workshop	16-20 Nov 2005	A Dias	Rome

10. Annexes

Minutes of UNFOLD working meeting, Heerlen 21st September

Present:

- Colin Tattersall (OUNL)
- Daniel Burgos (OUNL)
- Dai Griffiths (FBM-UPF)
- Chris Kew (Bolton, Telephone conference)

1. Detailed Organisation of the **UNFOLD-Prolearn meeting**, to be held the following day in Valkenburg, which is fully booked with 60 participants and 23 presentations.

2. An update was provided by Daniel Burgos on **Dissemination**, including

- Arranged and in process articles on IMS Learning Design and UNFOLD in French, Portuguese, Spanish (Spain), Spanish (SouthAmerica) and English. There is also a contact to publish in the e-learning portal of the EU

3. Daniel Burgos described the recent Content Packaging meeting hosted by UNFOLD, Sept 13th and 14th, which has raised visibility in a key area. The meeting was fully backed by IMS, with 7 people face-to-face and up to 10 more via conference call. Strategic decisions were taken on linking sub-manifests (the main topic) and other issues

3. Events schedule

- A phone conference was held with Chris Kew in Bolton to discuss the details of the forthcoming CoPs meeting

4. The schedule for the remainder of the project was reviewed. This consists of

- Glasgow: 12th – 14th October
- SPDECE: Keynote presentation, 21st October
- SIGOSSEE / JOIN / OUNL 14th – 15th November. Presentation
- LORNET: workshop 15th, Conference 16th -18th November
- UNFOLD workshop, Rome

- Berlin CoPs meeting: November 28th – 29th
- Workshop at Universidad Complutense Madrid

5. Online events

Schedule two more chats were scheduled: Sept 28th, about JIME special issue (except Moodle); Oct 5th, about Moodle article in JIME. Two or three more are required: before and/or after Online Educa Berlin, after Glasgow and maybe another one in November. A discussion of Learning Design in France has been proposed.

6. Online Educa Berlin and Berlin UNFOLD CoP Meeting.

The location for the final UNFOLD CoP Meeting in Berlin has been confirmed as the Hotel Ambassador. The agenda and contributions are still to be planned, but it was agreed that the event should aspire to summarise the state of Learning Design two years after the publication of the specification.

Suggestions included

- have four themed sessions rather than dividing into days.
- we have budget to invite key people to attend and can build the sessions around this.
- Blog the event and have a chat in which other people can participate remotely.

Fred de Vries is organizing Online Educa Berlin and he suggests that a wine tasting for UNFOLD, or similar event, would be a good way of raising our profile.

It was proposed to announce a poll in Glasgow, and to report the results in Berlin, using the online poll feature in Moodle. This will also feed into sustainability. This proposal will be finalised in the UNFOLD meeting in Glasgow.

7. Deliverables

Forthcoming deliverables. UPD will write mainly, and OUNL will help with evaluation and outcomes as bold-reviewers. The Sustainability Plan deliverable is due end October, and will be discussed in Glasgow.

8. Booklet for Berlin 2005

We are out of time for preparing the booklet, needs to be delivered by the first week of November. Content is urgently required if it is to be possible. OUNL leads the collection and edition of the book and asks for help from UPF and Bolton. An alternative is to use a pendrive as a present with the Plone site as main content, as well as some tools, examples and additional documentation.

Minutes of UNFOLD project meeting, Glasgow 11th October 2005***Present***

Dai Griffiths, FBM-UPF, Project Coordinator

Daniel Burgos, OUNL

Chris Kew, Bolton

Lisa Corley, Bolton

Ana Dias, EUCEN

1. Deliverables**1.1 Final Deliverables**

Dai Griffiths outlined the work to be carried out to complete the final tranche of project deliverables. He will produce a detailed plan for these deliverables, to be finalised by email

1.2 Adjustments to responsible partners for deliverables.

It was proposed to swap the responsible partners for “use of knowledge” and “sustainability plan”. Following this change OUNL will be responsible for “sustainability plan”, and Bolton will be responsible for “use of knowledge”. This is because Bill Olivier, who was expected to have strong input into sustainability, has left Bolton, and because ONL is well placed to discuss the emerging relationship with Prolearn, the future of Learning Networks for Learning Design, and the possibilities opened up by TenCompetence. This was welcomed by the meeting and will be confirmed following consultation with the relevant board members. It is planned that this deliverable will be ready before the Berlin Meeting, when it would be some two weeks overdue.

1.3 Quarterly Report 7

This is now due. Dai Griffiths will circulate the reporting template.

1.4 Peer Reviews

It was agreed to conduct comprehensive peer reviews in preparing the final project documentation, so that no deliverable is sent for review without having been checked by at least one partner.

1.5 Evaluation.

1.5.1 Feedback on Evaluation Report 2

It was agreed that there is a lot of good work in the evaluation report.

The editing of the summaries should be improved to make them easier to read (especially the reports on the meetings). The reviewers asked for more normalised results. We are asking the same thing in different ways, and we need to draw out the lessons and make it clearer, especially regarding the events.

In the Evaluation Report 2 there are repeated sections on page 58 and 85.

1.5.2 Planning remaining evaluation work.

For the final deliverable more graphics (and more significant ones) should be used to draw out significant outcomes (without adding too many pages). For example, a map of the world with origins of participants and UNFOLD events would be effective.

1) Benchmarking. The benchmarking policy adopted by the project was confirmed, i.e. that conventional benchmarking is not possible, because use of LD is a moving target in new territory. The final deliverable will therefore contain the "story of Learning Design" over the two years of the project. For this we need to estimate the "state of LD" at various points. This material will also be valuable input for both the Berlin CoP meeting and the Online Educa publication.

The benchmarking report will take the input of the last updated report written by Bill Olivier (current state...) if any, and of the article "Virtual communities, research groups and projects on IMS Learning Design. State of the art, key factors and forthcoming challenges" by Daniel Burgos.

Bolton is in charge of this evaluation action.

Deadlines: a) Online Educa publication and meeting, b) end of project.

2) Usability tests of UNFOLD websites (UPF and LN4LD)

OUNL will report on their evaluation work carried out with LN4LD, and Sergio Sayago of FBM-UPF will coordinate with them to find out if they want to carry out any additional actions following protocols established by FBM-UPF for evaluation of the www.unfold-project.net site.

3) Evaluation at all UNFOLD events (all partners)

4) Log file analysis. OUNL – UPF. Daniel Burgos will coordinate with Sergio Sayago.

1.6.Outcomes

Dai Griffiths reported on progress with the Outcomes 2 deliverable, which is nearing completion.

The issue of links with industry was raised. It was noted that Cordys Educator are coming to the Glasgow CoP meeting. They will be consulted to see what further contribution they could make, and if it would be appropriate for them to participate in Berlin. Concern was expressed that some of the less obvious outcomes of UNFOLD were not being reported. For example, the call for a LearningMapR editorial board, or the link between Dialog+ and Reload.... It was decided that Dai Griffiths would send a mail requesting all partners to send messages to him every time they think of something which might be relevant as an outcome. He will collate them and use them in a section in the outcomes report.

2. Events

2.1 Berlin CoP agenda

Concerns were expressed that we need to find a hook to encourage people to come, as they may be exhausted from so many UNFOLD events. The agenda was discussed, and a suggested format will be distributed to partners shortly.

One possible safety net is to have a strong online component, with blog and online chat during the event and a forum. Webcast is something we can explore, but perhaps should not guarantee.

It was pointed out that we can pay for selected speakers and participants to come.

- the Booklet for Berlin will be arranged by the first week of November. The work will be done by a team including Daniel Burgos, Dai Griffiths, Nidia Berbegal, Jose Luis Santos, Chris Kew and Gemma Corbalan

2.2 Additional in person events

- Chris Kew is organising an ILO funded UNFOLD event in Senegal Dakar 7th – 8th December.

- Workshop with Universidad Complutense of Madrid, in December 12th-14th. Josep and Daniel will attend. It will be focused on IMS LD and teachers and we will try to define some actual learning scenarios to be modelled with the Specification

2.3 Online events

- Chris Kew is working on the French discussion (in English) 10th November. Chris will translate the discussion paper, and will finalise the week after Glasgow. Chris has also transcribed the French conference (Lille) which is posted on the UNFOLD web, and this will be a possible topic.

- John Casey has started to use LD as a staff development tool in the UHI. He might be able to run a chat.

- Mark Barret Baxendale. Liverpool Hope are making UoLs and running an entire course and have agreed to report to UNFOLD.

3. Detailed planning of Glasgow CoP meeting

The meeting inspected the arrangements for the meeting and arranged details of logistics and running order.