

1. Project objectives for the period

The Description of Work was revised during the second year of the project, and introduced an extension of four months in addition to the planned two years. The objectives below refer to the revised version of the document.

WP2 • Development of roadmap

Revise and finalise the strategic roadmap for the future of digital preservation in science.

WP3 • Community insight

Finish analysis of the results of the general survey of scientific communities with respect to their experiences, knowledge and views of digital preservation. In addition, gain insight into funding organisations regarding preservation of research output.

Conduct in-depth case studies in diverse areas of science to provide deeper insight.

WP4 • Gap analysis

Apply the gap analysis framework and tool to selected communities.

WP5 • Impact analysis

This Work Package was deleted in the revision of the DoW.

WP6 • Sustainability and evaluation

Progress towards an international standard for audit and certification of repositories.

WP7 • Dissemination of results

Update the project dissemination plan recording the dissemination activities of the project.

Hold an international workshop to expose the interim results of the project to scrutiny and discussion, and a final symposium to present the definitive results.

2. Work progress and achievements during the period

WP2 Development of roadmap

Summary of progress towards objectives and details for each task / Significant results

Task 2.3: Revised roadmap

The initial draft roadmap was released on the project's public website in April 2010. It was one of the key inputs to the workshop held in Darmstadt in September. As a result of this, and of further discussions within the project team, the revised roadmap (deliverable D2.2) was produced at the end of the project. This includes additional scenarios such as linking data to publications, extensive revision of the non-technical components of the infrastructure, and input from other initiatives outside the project such as the High-Level Expert Group (of which David Giaretta, the PARSE.Insight coordinator, was rapporteur). The document is also linked to the case study report and insight report.

Deviations from DoW / Impact on other tasks

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Use of resources (including actual vs. planned)

Table of person-months per partner compared with DoW (total for whole project)

	Beneficiary	Person-months spent in first year	Person-months spent in second year plus extension	Total person- months in WP from DoW
1	STFC	0.9	9.8	9
2	KB	0.27	0.4	1
3	DNB	0.65	0.3	2
4	MPG	0.14	0.0	1
5	STM	0.66	1.0	1
6	ESA	2.7	0.0	2
7	FUH	1.35	4.5	7
8	CERN	6.5	0.3	3
9	UGOE	5.0	0.0	0

WP3 Community insight

Summary of progress towards objectives and details for each task / Significant results

Task 3.4: Identify and perform case studies

The two case studies in the ‘hard sciences’, high-energy physics and earth observation, had already started in the first year. In this second period intensive analysis of the results was performed, drawing out lessons for the infrastructure in each discipline and across disciplines. The two case studies in social sciences and humanities were conducted; these were in the fields of psycholinguistics and book studies. The same approach of surveys and focussed interviews was used.

The case study report D3.3 was produced, a large deliverable that presents and analyses the four case studies and draws common conclusions.

Task 3.5: Produce Insight report from survey results and case studies

The general surveys conducted in the first year were closed and analysed in depth. This resulted in D3.4 Survey report. Because the response from funding organisations to the surveys was weak, these stakeholders were followed up through a combination of desk research and some interviews. The culmination was the insight report, D3.6, distilling the findings from the surveys and all groups of stakeholders into a set of key insights on the state and future of long-term preservation of science data.

In advance of the Darmstadt workshop in September 2009, WP3 created an Interim Insight report (D3.5) offering a sneak preview of the results from the large surveys and various case studies.

Also within this Work Package, an interactive map of actors in digital preservation in Europe was produced. It is expected that this will continue to be a valuable resource beyond the end of the PARSE.Insight project.

Deviations from DoW / Impact on other tasks

Considerably more effort and time than planned was put into the case studies and survey analysis. Partly this was because of the need for a common presentation and to present the findings in a uniform way. Furthermore, the response to the surveys was overwhelming and required extra effort to combine and analyse all data.

Use of resources (including actual vs. planned)

Table of person-months per partner compared with DoW (total for whole project)

	Beneficiary	Person-months spent in first year	Person-months spent in second year plus extension	Total person-months in WP from DoW
1	STFC	3.6	2.0	3
2	KB	7.93	11.1	16
3	DNB	2.1	6.3	4.5

4	MPG	5.18	3.0	4.5
5	STM	2.25	0.7	2.5
6	ESA	8.06	2.9	11
7	FUH	0.5	5.4	6
8	CERN	10.46	24.5	19
9	UGOE	5.03	2.0	7.5

WP4 Gap analysis

Summary of progress towards objectives and details for each task / Significant results

Task 4.3: Application of gap analysis / Task 4.4: Consultation on gap analysis

The gap analysis was applied to a second group of stakeholders, members of LIBER (Association of European Research Libraries). The previous work on gap analysis for journal publishers was revised and updated. Workshops were held to explore the modelling of gaps in the areas of awareness, knowledge, implementation and commitment. The results are presented in deliverable D4.3. The results confirm the insights on existing gaps within long-term preservation and foster a better understanding of their relevance and impact. The gap analysis tool offers a helpful method for discovering gaps, evaluating their relevance, and starting a discussion within and across communities on how to close them.

Deviations from DoW / Impact on other tasks

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Use of resources (including actual vs. planned)

Table of person-months per partner compared with DoW (total for whole project)

	Beneficiary	Person-months spent in first year	Person-months spent in second year plus extension	Total person-months in WP from DoW
1	STFC	0.05	0.5	4
2	KB	0.07	1.2	2
3	DNB	0.4	1.0	2
4	MPG	—	0.0	0
5	STM	0.25	1.0	1
6	ESA	0.8	1.2	2
7	FUH	3.31	5.7	9
8	CERN	0.12	0.0	1
9	UGOE	0.05	0.0	1

WP5 Impact analysis

This Work Package was deleted in the revision of the description of Work.

WP6 Sustainability and evaluation

Summary of progress towards objectives and details for each task / Significant results

Task 6.1: Progress ongoing certification work

The major work concerned progress towards an international standard for audit and certification of trustworthy digital repositories. A face-to-face meeting was held in Colorado Springs in April 2009, and weekly online discussions continued throughout the life of the project. Two draft documents were submitted to CCSDS/ISO for comment and approval:

- *Audit and Certification of Trustworthy Digital Repositories*: the base standard that expounds the criteria against which a repository will be judged.
- *Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories*: an additional standard setting out requirements on those organizations that provide the audit and certification of repositories.

Deviations from DoW / Impact on other tasks

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Use of resources (including actual vs. planned)

Table of person-months per partner compared with DoW (total for whole project)

	Beneficiary	Person-months spent in first year	Person-months spent in second year plus extension	Total person- months in WP from DoW
1	STFC	0.25	2.0	4
2	KB	—	0.0	0
3	DNB	—	0.0	0
4	MPG	—	0.0	1
5	STM	—	0.0	0
6	ESA	0.6	1.4	2
7	FUH	—	0.0	0
8	CERN	0.03	0.0	0
9	UGOE	—	0.0	1

WP7 Dissemination of results

Summary of progress towards objectives and details for each task / Significant results

Task 7.1: PARSE.Insight workshops

A major international workshop was held in Darmstadt in September 2009, at which the draft roadmap, the survey report and the preliminary gap analysis were discussed. This workshop attracted around fifty persons and the parallel discussion sessions proved a very useful input to the remainder of the project. The workshop is summarised in D7.2.

The final symposium was held in Paris in June 2010 and presented the final results of the project.

Task 7.2: External conferences and publications

Members of the project team continued to make presentations on the project's progress and results in a wide variety of forums, both national and international. Deliverable D7.1 provides a record of these.

Deviations from DoW / Impact on other tasks

It did not prove possible to make the community forum into as useful a tool as had been hoped. It was set up in time for the workshop in September 2009 but did not attract a great deal of contributions, and had to be taken down after being hacked.

Use of resources (including actual vs. planned)

Table of person-months per partner compared with DoW (total for whole project)

	Beneficiary	Person-months spent in first year	Person-months spent in second year plus extension	Total person- months in WP from DoW
1	STFC	0.1	2.3	2
2	KB	0.26	1.8	2
3	DNB	—	0.0	0
4	MPG	1.65	3.0	5
5	STM	0.25	0.5	0.5
6	ESA	1.43	0.6	2
7	FUH	0.7	8.4	9
8	CERN	0.56	0.9	6
9	UGOE	1.48	0.3	2

3. Deliverables and milestones tables

Deliverables (excluding the periodic and final reports)

TABLE 1. DELIVERABLES¹									
Del. no.	Deliverable name	WP no.	Lead beneficiary	Nature	Dissemination level	Delivery date from Annex I (proj month)	Delivered Yes/No	Actual / Forecast delivery date	Comments
D2.1	Initial draft roadmap	WP2	STFC	R	Public	15	Yes	15	
D4.2	Gap analysis report	WP4	FUH	R	Public	17	Yes	17	
D3.4	Survey report	WP3	KB	R	Public	18	Yes	21	
D7.2	Roadmap and insight workshop	WP7	FUH	R	Public	18	Yes	27	
D3.5	Interim insight report	WP3	KB	R	Public	19	Yes	19	
D3.3	Case study report	WP3	CERN	R	Public	22	Yes	26	
D3.6	Insight report	WP3	KB	R	Public	26	Yes	26	
D4.3	Gap analysis final report	WP4	FUH	R	Public	26	Yes	26	
D4.4	Gap analysis tool plus supporting database	WP4	FUH	P	Public	26	Yes	26	
D6.2	Final report on audit and certification standard for trusted digital repositories	WP6	STFC	R	Public	26	Yes	26	
D2.2	Revised strategic roadmap	WP2	STFC	R	Public	28	Yes	28	

¹ For Security Projects the template for the deliverables list in Annex A1 has to be used.

D7.3	Final PARSE.Insight symposium	WP7	STFC	R	Public	28	Yes	28	
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In addition to the above deliverables due in the second year (plus extension), deliverable D3.2 ‘Inventory of communities’ was revised to include a description of the interactive map.

Milestones

TABLE 2. MILESTONES							
Milestone no.	Milestone name	Work package no	Lead beneficiary	Delivery date from Annex I	Achieved Yes/No	Actual / Forecast achievement date	Comments
2	Information gathering	WP3	KB	Month 20	Yes	Month 21	
3	Gap analysis	WP4	FUH	Month 16	Yes	Month 17	
4	Conclusion	WP2, WP3, WP4, WP6	STFC	Month 28	Yes	Month 28	

