Project Acronym: **Europeana Sounds**
Grant Agreement no: **620591**
Project Title: **Europeana Sounds**

D7.8 Interim Progress Report 3

Revision: Final

Date: 31/08/2016

Authors: Axelle Bergeret-Cassagne, BnF; Maarten Brinkerink, NISV; David Haskiya, EF; Eva Hayles-Gledhill, BL; Lisette Kalshoven, KL; Laura Miles, BL; Tom Miles, BL; Vassilis Tzouvaras, NTUA

Abstract: This report covers the project activities for Europeana Sounds during the six months following the end of the second year (February 2016 to July 2016). It includes the main contributions from each work package to the project during project quarters nine and ten, including achievements, issues encountered and the delivery dates for Deliverables and Milestones as well as updated KPI information. It includes lists of meetings organised or attended as part of project activities and project-related publications. It gives a summary of the effort expended by each beneficiary in each work package in comparison to planned effort, and presents a summary of costs per beneficiary incurred during the six months.

Dissemination level	
Public	
Confidential, only for the members of the Consortium and Commission Services	X

Revision history

Version	Status	Name, organisation	Date	Changes
0.1	ToC	Eva Hayles-Gledhill, BL	03/08/2016	ToC
0.2	1st draft	Laura Miles, BL, Eva Hayles-Gledhill, BL	16/08/2016	Input from quarterly reports
0.3	2nd draft	Reviewers and PMB comments	19/08/2016	Input from reviewers and PMB
0.4	Final draft	Eva Hayles-Gledhill, BL Laura Miles, BL	31/08/2016	Input from PMB
1.0	Final	Richard Ranft, BL	31/08/2016	Layout, minor changes

Review and approval

Action	Name, organisation	Date
Reviewed by	Victor-Jan Vos, EF Marion Ansel, BnF	18/08/2016 24/08/2016
Approved by	Coordinator and PMB	31/08/2016

Distribution

No.	Date	Comment	Partner / WP
1	31/08/2016	Submitted to the European Commission	BL/WP7
2	31/08/2016	Posted on Europeana Pro website	BL/WP7
3	31/08/2016	Distributed to project consortium	BL/WP7

Application area

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Statement of originality

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Project summary

Europeana Sounds is Europeana's 'missing' fifth domain aggregator, joining APEX (Archives), EUscreen (television), the Europeana film Gateway (film) and TEL (libraries). It will increase the opportunities for access to and creative re-use of Europeana's audio and audio-related content and will build a sustainable best practice network of stakeholders in the content value chain to aggregate, enrich and share a critical mass of audio that meets the needs of public audiences, the creative industries (notably publishers) and researchers. The consortium of 24 partners will:

- Double the number of audio items accessible through Europeana to over 1 million and improve geographical and thematic coverage by aggregating items with widespread popular appeal such as contemporary and classical music, traditional and folk music, the natural world, oral memory and languages and dialects.

- Add meaningful contextual knowledge and medium-specific metadata to 2 million items in Europeana's audio and audio-related collections, developing techniques for cross-media and cross-collection linking.

- Develop and validate audience specific sound channels and a distributed crowd-sourcing infrastructure for end-users that will improve Europeana's search facility, navigation and user experience. These can then be used for other communities and other media.

- Engage music publishers and rights holders in efforts to make more material accessible online through Europeana by resolving domain constraints and lack of access to commercially unviable (i.e. out-of-commerce) content.

These outcomes will be achieved through a network of leading sound archives working with specialists in audiovisual technology, rights issues, and software development. The network will expand to include other data-providers and mainstream distribution platforms (Historypin, SoundCloud) to ensure the widest possible availability of their content.

For more information, visit http://pro.europeana.eu/web/europeana-sounds and http://www.europeanasounds.eu

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Contents

1 Executive summary: D7.6 Interim Progress Report 3

This report covers the project activities for Europeana Sounds during the six months following the end of the second project year (February 2016 to July 2016). It includes the main contributions from each work package to the project during quarters nine and ten, including achievements, issues encountered and the delivery dates for Deliverables and Milestones as well as updated KPI information. It includes lists of meetings organised or attended as part of project activities and project-related publications. It gives a summary of the effort expended by each beneficiary in each work package in comparison to planned effort, and presents a summary of costs per beneficiary incurred during the six months.

1.1 Introduction

This interim progress report examines the progress made by Europeana Sounds during the six month period between February and July 2016. The project reporting periods have been broken down into quarters, and this six-month period represents quarter 9 (Q9) and quarter 10 (Q10) of the project. In this report, each work package report will be broken down into the work achieved during Q9 and Q10.

An important highlight of this period was the year two technical review which took place in the BL in March 2016. Our year two achievements were assessed as work package leads presented the years' work. After a successful review, the Project Management Board were able to report back to the entire consortium that the project work was on track and highly regarded, and this ethos was able to continue into the third year of the project

The completion of Q9 and Q10 represent the end of the first half of the third and final year of the Europeana Sounds project. The third year is a time for the project to fully begin to realise its ambitions and goals, and an important example of this is the meeting of milestone 6, which was achieved in July 2016 by WP1. This milestone marks the final tranche of metadata ready to be published on Europeana, and in turn ensures that KPI 1 was met during this period.

There have been plenty of project highlights within every work package which are explored in further detail in the specific sections of this document. The WP3 working group delivered a private version of the final policy recommendations and while the end of Q10 also marks the official end of WP3, due to issues which are reported in the WP3 section of this document, involvement will continue to ensure that all of the project work is completed as per the DoW. WP2 has been carrying out crowdsourcing campaigns, and with the assistance of WP6 achieved pleasing results which will be carried through into the final part of the project and applied to future activities. In addition to this, WP6 has also been assisting with the organisation of sound (re)discovery events as well as promoting the project outputs and organising the second public conference. WP4 updated the Europeana Music Collections and continued to evaluate the user experience while WP5 continued to support data providers with aggregation and the use of the MINT tool. WP7 has continued to

provide effective and efficient project management for the entire project, and results of this can be seen at the end of this document in the management of person-month and budget spending.

2 WP1: Aggregation

2.1 Summary

In this period, the data providers continued to aggregate content to Europeana using MINT, in order to meet MS6 *Final tranche of content and metadata ready for ingestion* by month 30. All KPIs for the project were met but some data providers over or under supplied material against their individual targets. As well as managing aggregation, the work package lead has attended meetings run by the Europeana Data Quality Committee, both via telephone and face-to-face, and has attended the Aggregators' Forum at The Hague.

All metadata had to be published on MINT, ready for ingestion by Europeana, by the end of July 2016. Each provider has been timetabling the publications of their datasets in order to meet this deadline. The Key Performance Indicators were all met, but some individual data providers did not yet met their full target as set out in the DoW. Data providers who have met their targets, and have outstanding time remaining in WP1, are being asked to refine their data or consider contributing further material to the project.

2.2 Main progress and achievements

2.2.1 T1.1 Content Selection Policy

Task completed in year one.

2.2.2 T1.2 Ontologies

Task completed in year one.

2.2.3 T1.3 EDM Profile

Task completed in year one.

2.2.4 T1.4 Aggregation management

In order to meet Milestone 6 in month 30, metadata needed to be transformed on MINT so that it existed as XML files in European Data Model (EDM) format. MS6 was set six months before the end of the project so there would be enough time to publish this metadata on Europeana; to identify any problems in navigation and display and revise metadata accordingly; and to take appropriate action if some data providers were in difficulties meeting their targets.

Most data providers are now confident in their use of MINT, and progressed well towards their targets. Some providers were returning to earlier uploads, with their greater level of experience, and fixing metadata errors or omissions. A few data providers ran into unexpected delays as archives they thought were ready to publish either had missing metadata, complicated hierarchies to be mapped, or a more complicated rights situation than anticipated. The WP1 lead worked with these providers to help them source alternative collections that could be substituted.

The following table details how each data provider performed against their targets. As shown, the number of digital audio objects, represented by metadata transformed on MINT, is now over 580,000; the number of other digital objects is now over 247,000. As an overall result, this exceeds the KPIs for aggregation. It is expected that the total number of audio records will exceed 600,000 by the end of the project. 13 out of the 18 data providers have now met or exceeded their targets in Europeana; 16 out of the 18 have achieved over 80% of their targets on MINT.

Table 1: The number of objects published on Europeana and MINT by each data provider (by July 2016)

Partner#	Data Provider	Records uploaded on MINT	Records transformed on MINT	Records published on MINT	Records published on Europeana	Digital objects transformed on MINT	Digital objects on Europeana	Target (from DOW)	Type of file	Remaining digital objects requiring transformation on MINT	Records still to be published on Europeana
1	BL	80,608	80,608	66,888	55,851	**80,608**	57,191	79,000	Audio	0	14,000
		1,417	1,417	1,417	1,340	**38,756**	17,000	36,000	Images	0	19,000
2	NISV	35,166	31,508	13,439	13,327	**169,980**	166,000	86,170	Audio	0	0
					100	**100**	100	50	Video	0	0
						10,000		10,000	Images	0	10,000
								4,000	Text	4,000	4,000
6	BNF	36,219	26,039	4,540	4,540	**4,540**	4,540	10,000	Audio	5,460	5,460
						4,540	4,540	10,000	Images	5,460	5,460
10	CNRS							37,600	Audio		37,600
	CREM	11,193	18,307	18,307	10,644	**18,307**	10,644		Audio		
	MMSH	5,331	4,601	4,650	4,268	**4,268**	4,268		Audio		
	CRESSON	1,057	753	753	753	**753**	753		Audio		
11	DIZI	57,276	77,218	14,907	10,234	**10,234**	10,234	10,000	Audio	0	0
12	DNB	7,849	526	526	526	**526**	526	500	Audio	0	0
13	FMS	6,635	3,644	4,120	3,296	**3,296**	3,296	2,500	Audio	0	0
						3,300	3,300	3,300	Other	0	0
14	ICCU	83,310	83,122	83,122	83,122	**83,122**	83,122	80,000	Audio	0	0
						23,270	23,270	0	Images		
15	ITMA	5,948	6,008	4,707	1,588	**1,588**	1,588	1,200	Audio	0	0
					3,508	**3,508**	3,508	3,600	Other	0	0

Partner#	Data Provider	Records uploaded on MINT	Records transformed on MINT	Records published on MINT	Records published on Europeana	Digital objects transformed on MINT	Digital objects on Europeana	Target (from DOW)	Type of file	Remaining digital objects requiring transformation on MINT	Records still to be published on Europeana
16	TLA	2,421	2,175	2,175	7,539	**17,454**	7,539	13,563	Audio	0	6,000
					2,054	**2,054**	2,054	0	images		0
					1,745	**1,745**	1,745	0	Video		0
17	NLL	5,794	4,759	2,071	2,071	**2,071**	2,071	2,000	Audio	0	0
						2,071	2,071	2,000	Images	0	0
18	OEM	17,654	17,631	17,631	17,497	**17,497**	17,497	12,000	Audio	0	0
19	RBB	134,956	153,657	111,252	119,585	**119,585**	119,585	105,000	Audio	0	0
20	TAD	115,556	76,258	52,282	38,235	**38,235**	38,235	38,000	Audio	0	0
21	SB	14,352	12,080	12,064	12,050	**12,050**	12,050	11,900	Audio	0	0
22	ONB		6,764	1,691	1,691	**152,977**	152,977	150,000	Images	0	0
23	FCSH		6,454	0	0	**6,454**	0	39,000	Audio	32,546	32,546
				204	204	**204**	204	2,700	Text	2,496	2,496
						5,000			images	0	
24	CCE		14,537	14,481	13,426	**14,481**	13,426	15,800	Audio/ video	1,400	1,400
Total audio						**590,568**	552,565	528,433			
Total other						**247,525**	210,769	224,980			

2.2.5 T1.5 Training and support

The third and final data providers' workshop took place at Clasac in Dublin on April 28th - 29th 2016, with training provided by NTUA. The workshop had several aims:

- recap on the basic operations of MINT and discuss issues encountered during aggregation;
- discover advanced ways of using MINT (for example, preparing metadata for hierarchical structures);
- interact with other areas of the project - data enrichment (WP2), Music Collections (WP4) and licensing (WP3), testing new platforms where necessary.

The data providers built on their expertise and, where appropriate, added or revised datasets to include hierarchies. This topic continued to be discussed on Basecamp, with screenshots and instructions.
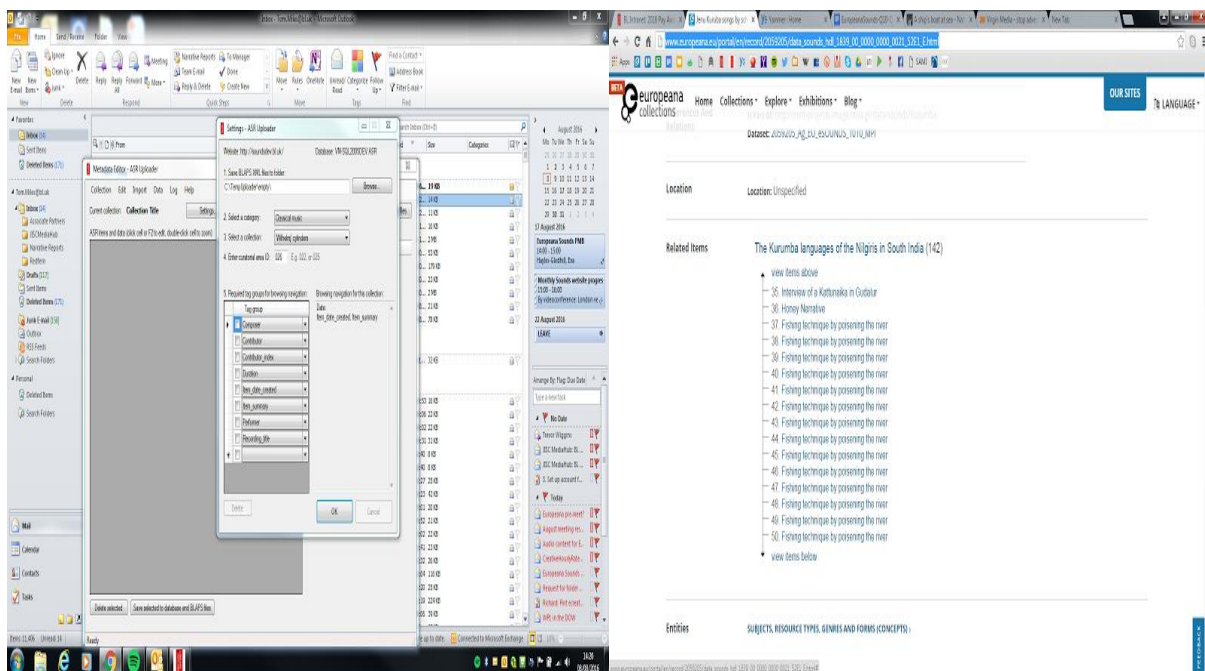
Figure 1: Record from Max Planck Institute showing use of hierarchical structures[1]

2.3   Issues and mitigation

Although the time between publishing on MINT and publishing on Europeana has markedly reduced, Europeana is not able to publish datasets from MINT fortnightly, as was originally timetabled. While WP1 was working on reaching MS6, another Europeana project (Europeana DSI) was nearing completion. This meant that the dataset publications from project partners in Europeana DSI were given priority by Europeana. Where necessary, the WP1 lead prioritised the publication of datasets that would benefit other work packages. For example, datasets which had direct links could be beneficial to WP2 and WP4 and, as a result, were the only datasets published in the short time

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[1] http://www.europeana.eu/portal/en/record/2059205/data_sounds_hdl_1839_00_0000_0000_0021_52E1_E.html

available. Now that Europeana DSI has been completed, Europeana Sounds will require its datasets to be published or republished on Europeana quickly; this will be necessary for Europeana Sounds to demonstrate its value in the last remaining months of the project.

2.4 Deviations and objectives not met

While KPIs 1-5 have either been met or exceeded already, there were a few issues which are discussed in the MS6 document. CNRS was not able to remove geo-locks from 20,000 recordings. After a discussion with the work package lead, project manager, and project coordinator, additional recordings will be supplied from alternative sources. FCSH encountered a similar problem; having been confident that they could overcome a copyright limitation on the vast majority of the records they expected to be able to supply, in quarter 10 they discovered that they would be unable to supply most of their planned collections. This led to some urgent communication with their partner organisations in Portugal to source alternative material, and they have now started to upload alternative records to MINT. Issues outlined in the MS6 document have been included as an Appendix in this document.

2.5 Plans for the next quarter

2.5.1 T1.1 Content selection policy

Task completed.

2.5.2 T1.2 Ontologies

Task completed.

2.5.3 T1.3 EDM profile

Task completed.

2.5.4 T1.4 Aggregation management

In the remaining months of the project data providers who have not yet uploaded or transformed their full quota of metadata will continue sourcing and aggregating content in order to meet their targets. Those data providers who have completed their targets, and have person months left in this work package, will spend this time looking for errors, or contributing further material over and above their targets. Revision of content will be necessary because it will only become clear what requirements from other parts of the project will be - such as the Music Collections, WITH or Pundit - once records are visible on those platforms. The work package lead will continue to work with associate partners to welcome new data providers to the project, and enable them to work with MINT and contribute their records.

2.5.5 T1.5 Training and support

Although the final in-person training session took place in Q9, in Dublin from April 28th- 29th 2016, hosted by Comhaltas Ceoltóirí Éireann, on-going training will be required for the new Associate Partners and other potential partners. This training will take place in the form of email, face-to-face meetings (where possible) and screencasting.

3 WP2: Enrichment and participation

3.1 Summary

The main focus for WP2 in recent months has been the preparation and execution of two Crowdsourcing Campaigns and the delivery of D2.7 *Crowdsourcing evaluation and impact assessment*.

3.2 Main progress and achievements

3.2.1 T2.1 Crowdsourcing

During the ninth quarter, two of the three foreseen crowdsourcing campaigns were in preparation by WP2 and planning took place. The first campaign focused on geo-locating sounds within the Historypin platform. The second campaign focused on utilising a combination of Pundit and WITH for the enrichments of records with terms describing musical instruments with the MIMO (Musical Instrument Museums Online) thesaurus. To involve the data providers in these campaigns, WP2 organised a workshop at the training days in Dublin, which went through the process of integrating datasets in the crowdsourcing applications to enable enrichment in a hands-on session.

During the tenth quarter of the project, the two crowdsourcing campaigns were launched; the first crowdsourcing campaign – *'Geolocating Radio Broadcasts'* - ran from Wednesday the 1st of June until Wednesday the 14th of June. The Historypin Geotagging Interface that was developed by Historypin to support the campaign facilitated users to easily pin an item to a specific geolocation. The second crowdsourcing campaign – *'Enriching Music Collections with Instruments'* - was aimed at enriching the musical recordings aggregated by Europeana Sounds with musical instruments. This campaign ran from the 20th to the 30th of June. In order to gather uniform terms, the users were given the option to create semantic tags using the MIMO vocabulary and thesaurus. The campaign was supported by an integration of Pundit and the WITH platform that provided a random entry point to the music recordings from Europeana Sounds that were selected by the data providers as potentially benefitting from enrichment through crowdsourcing. A more extensive report of these activities and the related development is given in D2.7 *Crowdsourcing evaluation and impact assessment[2]*.

3.2.2 T2.2 Semantic enrichment

In preparation for the second crowdsourcing campaign, NET7 and NTUA completed the integration of Pundit and WITH. The Europeana Research and Development team worked on the pre-processing of datasets selected for enrichment through crowdsourcing with CultuurLink[3]. This allows the crowdsourcing applications to provide users with suggestions during the enrichment process, so users can validate or discard these suggestions. EF, AIT and NISV explored options to strategically utilise combinations of (semi)automatic enrichment processes (namely alignment) in combination with validation through crowdsourcing, to gather high quality metadata enrichments at scale.

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[2]

http://pro.europeana.eu/files/Europeana_Professional/Projects/Project_list/Europeana_Sounds/Deliverables/europeanasounds-d2.7-crowdsourcing-evaluation-impact-v1.0.pdf
[3] http://cultuurlink.beeldengeluid.nl/app/#/

Also in this period was the alpha release of the Annotations API, giving third parties access to a public version of the Annotations API in production. This was used to gather community feedback. A more extensive report of these developments and research findings is given in D2.7 *Crowdsourcing evaluation and impact assessment*.

3.2.3 T2.3 Wikimedia partnership

WP2 organized two edit-a-thons in Q9, one in Latvia and one in Greece (see WP6 T6.3). Four more edit-a-thons are planned for Q11 and Q12. Together with EF, NISV has also further explored the integration of enrichments resulting from the edit-a-thon activities back into Europeana. This will focus on utilising Wikidata. The next edit-a-thon with BL (8 October 2016) will be used as a pilot to test this integration. Results of this experiment will be reported in D2.8 *GLAM-wiki collaboration progress report 2.* A first experiment conducted by EF enables the project to query Wikidata for items that contain a property that links the Wikidata item to a Europeana record.

3.2.4 T2.4 Innovative exploration pilots

Task completed.

3.2.5 T2.5 Crowdsourcing Infrastructure

WP2 (through EF and AIT) has released the second public version of the Annotations API, which supports five types of annotations (Simple Tagging, Semantic Tagging, Geotagging, Object Linking and Moderation).

3.3   Issues and mitigation

- In Q9 the Europeana core infrastructure, including the Europeana API and the Annotations API, experienced some down time. This has been addressed by EF by moving to a new hosting provider.

- The work on the integration of TunePal into Thesession.org by Shift has been delayed, because integration relies on full track access through a direct edm:isShownBy link for the records involved. This issue has been addressed with the data providers in question and led to a solution. Further development is now dependent upon an update of the metadata records in question and publication on Europeana. This is planned to happen in Q11.

- Very recently WP2 was informed that a key staff member has left Historypin at very short notice. This constitutes a significant loss of knowledge and experience related to the involvement of Historypin in T2.1 which further complicates the finalisation of the Historypin work within the project. BL and the WP2 project lead have already contacted the CEO of Historypin to address the issue and find mitigation through the appointment of a new point of contact among the Historypin staff and proper transfer of knowledge from previous staff members to this new contact.

3.4   Deviations and objectives not met

As reported during the Year 2 Technical Review, WP2 foresees difficulties with meeting KPI 9. As requested by the Project Officer during the review, a revision of this KPI9, including reasoning, was suggested in D2.7. Our proposal consists of the following two options:

- Setting KPI 9 to a realistic goal, of 40,000, based on the possible results that have been extrapolated (conservatively) in D2.7.

- Combining the goals of KPI 9 and KPI 10 in a more realistic single KPI for the "Number annotations established by users and automatically" (corresponding to the types of annotations described in D2.7), at a goal we consider achievable, given the current prediction and including the current (over-achieving) result in KPI 10: 125,000.

3.5   Plans for the next quarter

3.5.1 T2.1 Crowdsourcing

The focus for this Task will be on strategic deployment of additional crowdsourcing tasks and activities, according to the future plans outlined in D2.7.

3.5.2 T2.2 Semantic enrichment

The focus of this Task will be on (semi-)automatic enrichment of metadata records.

3.5.3 T2.3 Wikimedia partnership

WP2 will plan and execute the remaining four edit-a-thons:

- NISV, 8 October 2016

- BL, 8 October 2016

- SB, 26 October 2016

- ICCU, 11 November 2016

NISV and EF will continue experimenting with ways to integrate the enrichments resulting from the edit-a-thon activities back into Europeana.

3.5.4 T2.4 Innovative exploration pilots

The task has been finalised.

3.5.5 T2.5 Crowdsourcing Infrastructure

The focus of this task will be on the further development of the Annotations API.

4   WP3: Licensing guidelines

4.1   Summary

During this period of the project, Europeana Sounds policy recommendations were finalised and accepted by the consortium, and the formal deliverable D3.4 *Final report including policy recommendations* was finalised. Information was shared with data providers about the new rights statements which will be implemented by Europeana. In Q10, the planned publication of D3.4 for wider dissemination was delayed unexpectedly. Despite D3.4 being a public deliverable, discussions arose in the working group regarding how the deliverable should be shared beyond the consortium. This issue is due to be resolved in Q11 with a mitigating course of action. Q10 marks the official end of WP3; however the WP3 lead, Kennisland will still remain an active part of the project and will continue to resolve the issue surrounding the publishing of D3.4 as well as regular project activities such as PMB meetings, reporting and supporting data providers with licensing work.

4.2   Main progress and achievements

4.2.1   T3.1 Integrate audio into ELF

Task completed.

4.2.2   T3.2 Identification barriers to online access

Task completed.

4.2.3   T3.3 Rights holder confrontation

Task completed.

4.2.4   T3.4 Develop policy recommendations

WP3 has been focussed on preparing the deliverable D3.4. The Europeana Sounds consortium agreed on a list of seven policy recommendations that were formulated and agreed on within the WP3 working group on policy recommendations. The recommendations were first presented at the plenary in January 2016 and finalised after a consultation period. The work continued by developing supporting text for the recommendations and forming Deliverable 3.4, which was finalised in April. In addition, a rights clinic was given during the Final Metadata Training Session in Dublin, Ireland, ensuring that data partners can apply correct rights statements to their collections and informing data partners about the migration by Europeana to the new and updated licenses that are listed on www.rightsstatements.org.

4.3   Deviations and objectives not met

According to the DoW, D3.4 should be shared publically beyond the consortium. However, there were complications in the working group in achieving unanimity in the decision to publicly share the

policy recommendations in their current form. In hindsight, the gathering of the policy recommendations for the sector is something different from strategically deploying them in the political debate that surrounds the copyright reform in Europe. The former lacks a prioritisation or evaluation of the political feasibility of these recommendations in the unfolding copyright reform context. This is where disagreement in the working group arose. Europeana Foundation shared its concerns about the timing of the dissemination of specific recommendations to the PMB, as the European Commission has not yet released its communication about copyright reform (expected now on or after September 21st 2016). It is expected that in this communication the Commission will lay out the scope of possible changes to exceptions and limitations to copyright and other possible avenues of reform that affect cultural heritage institutions directly. Based on this information some recommendations might become more important than others, and this would impact the communication strategy.

During Q10, the WP3 lead has been working on resolving the complications which arose in making the seven recommendations available publically. This issue has been discussed several times during the PMB, through discussions on Basecamp and through telephone calls and e-mail. In the end two possible avenues were proposed by EF. The first being a rewrite which changed the prioritisation of the recommendations and their number in order for public dissemination to happen quickly and the second the postponement of publication until we have more clarity on the political situation. The members of the working group do not agree with the first avenue, the re-writing of the document. They expressed their concerns through Basecamp, and therefore the second option proposed is now being pursued. EF has shared its concerns with the members of the working group who objected to a postponement of publication, and most have confirmed that - although reluctantly - they agree to postpone public dissemination of the deliverable until we have more information. It has been agreed that decisions will be made during the next quarter of the project, as this issue needs to be resolved quickly.

4.4   Plans for the next quarter

The working group plan to agree on a course of action, on sharing D3.4 widely, within Q11. Other than that, WP3 officially ended in M30 and there will be no further formal work. Kennisland - as WP3 lead - will continue to work on the project through being a member of the PMB (WP7) and help with the communication surrounding the project (through WP6). Any further action surrounding D3.4 will go through these WPs.

5 WP4: Channels Development

5.1 Summary

With the Music Collections Beta version released at the end of 2015, a great deal of effort in 2016 has gone into evaluating the Beta, and on bug fixing, stabilisation, performance enhancements and adding smaller features to it. Conclusions have also been drawn from the user research (expert review, user survey, user testing and accessibility review) that will feed into developing the Europeana Collections and Thematic Collections for a long time (T4.1). In parallel to those efforts, development work has continued on APIs (application programming interface) that will be exploited in Europeana Collections in the second half of 2016.

5.2 Main progress and achievements

5.2.1 T4.1 User experience research and design

An intensive round of user research and evaluation was performed and reported in quarter nine[4]. The research comprised heuristic reviews, a user survey and user testing of the Europeana Collections discovery site as a whole and the Music Collections specifically. The user evaluations were analysed and resulted in the following recommendations:

1. Focus on the drivers for appreciation; content, search & visual design of the portal.

2. Focus on the toptask - search - and at the same time ensure a better integration of different parts (primarily between search and curated content) of the website.

3. Try to remove obstacles in use that cause frustration; primarily the search function and filter options.

4. Try to broaden the user base with less involved users, but balance this with focusing on functionalities that intensive users use most.

Following through on these recommendations, in terms of concrete design changes and development (feature changes and additions), has begun but represents a wide-ranging "programme" of work that will require work well beyond the lifetime of the Europeana Sounds project.

5.2.2 T4.2 Channels development

EF has added a number of features to the Europeana Collections platform and the Music Collection. Among these features, including a relevant example for each, are:

- Support for embedding oEmbed-compliant and custom players in the item display (example 1, example 2, example 3)

- Theme filters for all the browse options (example)

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[4] The report is not public but is available on the Sounds WP4 Basecamp.

- Grid display mode in search result pages (example)

- Collections CMS improvements - easier browse entry point creation, generic embed/full width support and performance improvements

- OOC-NC expiration date (example)

- Support for full-width editorial pages (example)

All of the release notes are available online.[5] The content filter for the Music Collections has also been updated for better precision and recall in search and browse.

There has been much collaboration in this period; AIT, together with EF, began the development of the Entity API, focusing on technical design and defining the scope of a first release. NTUA added support to the media checker component of the Europeana Content Re-use Framework to recognise MIDI-files. Prototyping has also been performed to test the precision of an algorithm to detect human faces present in images. If ultimately successful this will enable users to search for images (photographs, prints, paintings, etc.) that feature people (e.g. composers or musicians). Furthermore, NTUA has identified a suitable library[6] to support the creation of soundwave thumbnails for audio files.

The following releases of Europeana Collections have been made during Q10:

- https://github.com/europeana/europeana-portal-collections/releases/tag/v0.3.7

- https://github.com/europeana/europeana-portal-collections/releases/tag/v0.3.8

- https://github.com/europeana/europeana-portal-collections/releases/tag/v0.3.9

- https://github.com/europeana/europeana-portal-collections/releases/tag/v0.4.0

Features and changes of special note in these releases include:

- EF has updated the "Can I use it" facet with more friendly labels and added the ability to filter on specific rights values.

- Added a new filter/facet to the search result page which allows users to switch to other Thematic Collections or from a Thematic Collection to the entirety of Europeana via "All Items".

- Images from the National Library of France are now available via IIIF, allowing users to zoom into and explore multi-page documents[7] and single images[8] in great detail.

- Modified colours to improve contrast and accessibility.

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[5] https://github.com/europeana/europeana-portal-collections/releases
[6] The working hypothesis is https://transloadit.com/docs/conversion-robots/#audio-waveform
[7] http://www.europeana.eu/portal/en/record/9200365/BibliographicResource_2000087972146.html
[8] http://www.europeana.eu/portal/en/record/9200365/BibliographicResource_1000055602856.html

- A feedback button and form has been added to every page to allow our users to give us direct feedback specific to a particular search result or item.

- A new language policy has been implemented, automatically redirecting users to a localised version of Europeana Collections based on their browser locale. The preference is remembered between sessions.

The alpha version of the Annotations API has been updated to support geotags and changes have been made to improve its compliance with the W3C Open Annotations standard.[9] This is in preparation to begin importing user annotations from other platforms (e.g. WITH and Wikidata) and display them in the Europeana Collections.

Finally, while not formally part of Europeana Sounds, the search engine of Europeana was updated on June 1st with a new ranking algorithm. Evaluations show a 24% improvement in ranking quality as measured in normalised discounted cumulative gain.[10] This notice is included in this Europeana Sounds WP4 report as the user research performed in T4.1 clearly showed improved search and ranking of search results as the top priority for improvement.

5.2.3 T4.3 External channels development

Support for embedding players from external channels (such as SoundCloud) in the Music Collections has been added in Q9 (see T.4.2 above).

5.3   Issues and mitigation

None.

5.4   Deviations and objectives not met

None.

5.5   Plans for the next quarter

5.5.1 T4.1 User experience research and design

- Finalise designs for display of user annotation in Europeana Collections including pre and post release user evaluation

- Begin preparations for a Q12 user survey focusing on the Music Collections and other audio content

5.5.2 T4.2 Channels development

Begin the implementation of the display of user annotations, and the various other features this requires (user signup and login, moderation policy and features, search on user annotations, etc.).

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[9] https://github.com/europeana/annotation/releases/tag/v0.2.2
[10] https://en.wikipedia.org/wiki/Discounted_cumulative_gain#Normalized_DCG

This is a major undertaking that can only be begun in Q11 and which will be iteratively developed and released.

For general information about Europeana Collections development plans see our public roadmap.[11]

5.5.3 T4.3 External channels development

Together with the AudioCommons project[12] define requirements on content quality (genres, copyright status and licensing, etc.) and content flow (means of upload to AudioCommons). As a result we will have identified which datasets, from which Europeana Sounds partners, are suitable for sharing via AudioCommons.

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[11] http://www.europeana.eu/portal/en/roadmap.html
[12] http://www.audiocommons.org/

6 WP5: Technical infrastructure

6.1   Summary

The main focus this reporting period was in supporting data providers in performing the mappings and publishing metadata to Europeana in a timely manner to meet the deadline for MS6. WP5 also worked on maintaining the aggregation infrastructure, and spent time preparing for the second year review and the third MINT workshop.

6.2   Main progress and achievements

6.2.1   T5.1 Aggregation infrastructure design

Task completed

6.2.2   T5.2 Aggregation infrastructure evaluation

Task completed

6.2.3   T5.3 Aggregator deployment and maintenance

In this period, the focus of the support was on the EDM collection and the hierarchical structures. At the third MINT workshop in Dublin, WP5 demonstrated to data providers how users can create EDM collections and how to form hierarchical structures. We also had a hands-on session with specific examples.

The main responsibility of this task is to keep the MINT aggregation platform running. WP5 are constantly supporting the data providers in creating their mappings to the EDM profile for sounds. In order to have a smooth aggregation process we need to have the MINT platform running continuously and consistently. Bug fixing and platform maintenance are the main activities as well as supporting users in using the MINT platform. All the new software updates have been installed and any bugs found by the users have been fixed. Regular backups are taken in order to ensure that nothing will be deleted or lost. A dedicated NTUA team together with BL are responsible in answering questions of data providers in Basecamp that relate to the functionality of MINT and questions related to the EDM profile for sounds. The NTUA WP5 team spend time addressing all questions and comments on the WP1 Basecamp thread, and such an example is shown below with a problem with locked mappings.
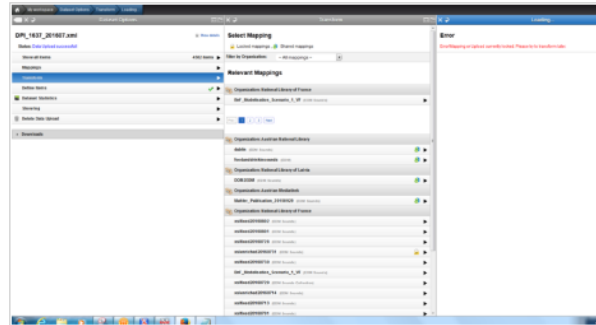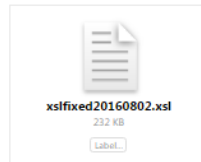
Figure 2: an example of problem solving on Basecamp

6.2.4   T5.4 Metadata cleaning and normalisation

Task completed.

6.2.5   Issues and mitigation

There have been no issues reported during this period.

6.2.6   Deviations and objectives not met

There have been no deviations or objectives not met during this period.

6.2.7   Plans for the next quarter

6.2.8   T5.1 Aggregation infrastructure design

Task completed

6.2.9 T5.2 Aggregation infrastructure evaluation

WP 5 will continue to support the data providers and maintaining the aggregation infrastructure. Even though the main aggregation targets have been met, there are still individual partners who need to continue to contribute records to meet their individual targets and WP5 will support these data providers.

6.2.10 T5.3 Aggregator deployment and maintenance

Task completed

6.2.11 T5.4 Metadata cleaning and normalisation

Task completed.

7   WP6: Dissemination and networking

7.1   Summary

In this period, WP6 finalised the deliverable D6.5 *Communication plan and evaluation V2* that describes and assesses the year two activities, which was reported on during the year two review in London (April 15th 2016). Deliverable D6.8 *Dissemination materials and press kit 3,* that reports on the development of the Europeana Sounds' communication toolbox was also finalised. A lot of effort was put in the organisation of the project final conference, the five sound (re)discovery events throughout Europe and the hackathon. WP6 also worked with WP2 and WP3 to discuss the promotion of the policy recommendations in Q9, and to promote the crowdsourcing campaigns in Q10. During this period, WP6 published 51 blog posts and presented Europeana Sounds at 23 events. The project was also mentioned in 103 external publications*.*

7.2   Main progress and achievements

7.2.1   T6.1 Communications plan

The deliverable D6.5, finalised and submitted to the European Commission in quarter nine, presents the Europeana Sounds online and offline public presence and activities during year two and shows the many achievements met during the year (online presence and reach, communication toolbox, networking activities, promotion of the first project outcomes, organisation of first international public conference, etc.). This deliverable outlines the expected steps for dissemination and networking activities during Year 3, and provided the basis for the preparation of the year two review that took place in London on April 15th. WP6 continues to follow the communication plan and to monitor the results of all communication activities.

7.2.2   T6.2 Project website

Fifty-one blog posts were released on the Europeana Sounds blog in Q9 and Q10. The pages about the 2016 conference now contain full details, such as the date and venue, pictures of the conference venue, a programme, and descriptions of the sessions and the speakers. Also the "network" section was enriched with a brief description of two new Associate Partners: the Research centre on sonic space and urban environment (Cresson) and The Fryderyk Chopin Institute.

7.2.3   T6.3 Public communication and community building

WP6's regular activities include the daily management and monitoring of the project's online and media presence, social media management, blog posting, producing a monthly newsletter, and networking with other projects and potential partners. All those activities have been coordinated via monthly team conference calls and regular discussions on Basecamp.

The updates and development of Europeana Sounds' communication toolbox are detailed in the deliverable D6.8 *Dissemination materials and press kit 3* written during Q10. Moreover, partners were asked to anticipate which communication materials were needed; those who requested it received postcards, flyers and posters.

The WP6 lead discussed with WP3 the promotion of the policy recommendations and with WP2 about promotion of crowdsourcing campaigns. The first campaign, geotagging Dutch recordings from WWII, ran from 1st to 14th June; the second one from 20th to 30th June, encouraging users to find and tag the music instruments played in our recordings. The second campaign was relatively successful with the goal of 2,500 annotations reached. Two physical events were hosted in France (organised by CRNS-CREM) and in Greece (organised by NTUA and FMS). They both generated most of the annotations, which proves how events are crucial to engage with our target audiences.

The project has been presented at meetings in many project partner organisations; at ICCU, at ITMA monthly staff meetings and at an NLL information morning. An article summarising year two achievements was released in the BL internal staff newsletter *Shelf life*. In wider promotional terms, WP6 participated in Europeana's #AllezCulture campaign that highlights "heroic" figures present in the Europeana portal.

An agreement between ICCU and IAML Italia was signed in April. The agreement includes mutual promotion activities, which are comprised of European projects. As a consequence, the Europeana Sounds project has been presented to the president of IAML Italia.

7.2.4 T6.4 Communication highlights

T6.4.1: This task is completed. Traffic figures are shared in D6.8, section 2.1 "Sound machine exhibition".

T6.4.2: The "tree of sounds" task is completed and hosted by Europeana. At that stage, WP6 is waiting until September 2016 to promote it. This task is detailed in D6.8, section 2.2 "Family Tree of sounds".

T6.4.3: The project timeline is now promoted on the Europeana Collections platform and appears in a tile on the Music Collections homepage[13]. Traffic figures are shared in D6.8, section 2.3 "Sound Timeline".

7.2.5 T6.5 Events

During this period, the project was presented and represented at 23 events (see Annex).

T6.5.1 Sound (re)discovery events

These events target national audiences in various countries and are organised in native languages. They are aimed at highlighting the project, the organising partner and its sound collections by presenting and listening to unknown or star items with one or several specialist(s). Five (re)discovery events are organised between June and December 2016:

ONB, 2 June, Vienna: The ONB event took place on 2nd of June: two selected compositions by Beethoven (spring sonata op. 24) and a piano Arrangement of the 2nd movement of the 6th symphony

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[13] http://www.europeana.eu/portal/collections/music/travelling-through-time-with-sounds

by Franz Liszt were presented by the head of the music department and afterwards played by two musicians. Some short videos of the event were published on the Europeana Sounds Vimeo page[14].

BnF, 18 September, Paris: BnF will organise a folk concert during the European Heritage Day (Sunday 18th September) in its Petit Auditorium. There should be a presentation of the project and the corpus followed by performances from singers and musicians from various regions of France of music recorded in 1913 and 1946 in three different regions. The event will be video recorded thanks to in-house technicians.

ICCU, 27 October, Rome: ICCU will hold its event at the Palazzo Mattei di Giove, headquarter of ICBSA (Istituto Centrale per i beni sonori ed audiovisivi) in which the auditorium can host up to 80 people. The draft theme is *"the Italian contribution to the European sound heritage also from discography point of view"*. It will be a conference with audio showcases. ICCU is thinking about video recording the event.

BL, 30 November, London: The BL event will consist of an evening performance of some selected material from the BL collection in Europeana which will be recorded 'live' onto a wax cylinder during the event. The audience will be given a talk about historic sound recordings and will be able to hear the playback of the recordings made during the evening. The event will take place in the Foyle room of the BL which can hold around 40/45 people as well as the equipment, and will be promoted widely on social media.

NISV, December, Hilversum: The NISV (re)discovery event will be held at the end of December at NISV. This event will take the form of a guided tour: the groups of attendees will visit an exhibition of old musical objects (currently in the process of being selected) explained with context stories about the history of recording and playing music. Next to the exhibition, the Europeana Sounds project will be presented in another room and then the group of attendees will tour the NISV building. This rediscovery event will be part of the programming of "Top 2000", a really big radio event that is being held at NISV; around 25,000 people are expected during these days. Europeana Sounds flyers will be placed in the exhibition room for the other days of the "Top 2000" event. Also, during this period, a group of 30 to 40 people from the network of a really big collector of musical objects (all of them are collectors/experts of musical objects as well) will visit NISV and attend a presentation of the Europeana Sounds project. NISV will try to make a short video of the event.

Several communication tools were designed for the ONB, BnF and ICCU (re)discovery events. They are detailed in D6.8, section 4.2 "Visual design for the project rediscovery events".

T6.5.2 Final conference

Q9 and Q10, WP6 focussed its efforts on the organisation of the final conference. The title of the conference *"Unlocking Sound Collections"* was selected by a vote. On 4th November 2016 at Vilnius University, the project will showcase the latest innovations for the sharing of European sound heritage with the widest possible audience, with a special attention towards audiovisual archivists

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[14] https://vimeo.com/album/4003089

and librarians that may be potential data providers for Europeana, and teachers and their students. The location in Vilnius has been chosen to align with the Baltic Audiovisual Archival Council annual conference to take place on 2nd and 3rd November in the same city, the BAAC being one of the main project target audiences with its audiovisual archivists and specialists from Northern Europe.

The date and venue for this event were announced first, and then further details were added as they became available, such as the programme. The organisation committee for the conference met with the BAAC Board in Vilnius on March 4th to start planning the two successive events. A WP6 Basecamp thread was opened to collect ideas for the conference and several versions of the draft programme shared. The programme of the Europeana Sounds conference was finalised and released on the Europeana Sounds blog and website on 6th July, as well as speakers' biographies. The programme mixes inspiring keynote talks, for example by the British folk singer and traditional music specialist Sam Lee, interactive presentations and powerful live performances, for example by the electronic duo 'Lakker'. Registration opened on the same day as the programme release and 23 people had registered by 31 July. The conference room can host up to 200 people.

A poster to promote the conference was designed (for more information, see D6.8, section 4.4 "Visual design for the project second international conference").

T6.5.3 Hackathon

Rather than a stand-alone event, WP6 decided to join forces with an already existing event to maximise visibility and impact, the second edition of the Waves Music Hackday that will take place in Vienna on the 30th September and the 1st October 2016. It is part of a broader event, the Waves Music Festival. The Hackday organising committee involves two Europeana Sounds partners: Europeana and AIT.

The benefits of co-organising such an event are to:

- Attract a significant number of developers and designers with an interest in music that may be new to the GLAM network. The aim is around 100. The hackday taps into one of the biggest music and technology festivals of Europe where a lot of the people with an academic interest will go to.

- An international group of participants.

- Prizes as an incentive for people to join.

- Reduce the organisational costs.

- A big visibility for Europeana Sounds at one of the biggest music and technology festivals of Europe as Europeana Sounds is prominently featured as one of the main organisers. The Europeana Sounds project is mentioned in all communications as a co-organiser and the project can share its own promotional material during the event.

The promotional activities for the hackathon will start at the beginning of September. Due to the quite specific challenge (see below) WP6 will target promotion activities on research institutions. Activities will include a blog post on the Europeana Pro blog, a blog post on the Europeana Sounds

blog, tweets by Europeana Sounds, Europeana and other project partners, call to the Europeana Tech mailing list to join the hackday afterwards, and direct approach of research institutes via NISV and AIT.

On Friday 30th September there will be an overall presentation of the event, of the Europeana Sounds project and its datasets, and teams will be formed. On Saturday 1st October, participants will hack. As an incentive for developers to work on the Europeana Sounds datasets, participants will be challenged to develop software that could detect genres in music. The Europeana Sounds dataset will be made available to the participants to work with. At the end of the day the 'Europeana Sounds' Award will be awarded to the most successful prototype.

Depending on the outcome of the day, there is the possibility to further develop the prototype under the project Europeana DSI2 and a budget is available to pay the developers to work on their program.

T6.5.4 Other events

WP6 supported WP2 and organising partners in promoting edit-a-thons in Latvia (March 12th) and Greece (March 23rd), both events being promoted with blog posts, the creation of Facebook event pages (in English and in the language of the events), and numerous social media mentions on Twitter and Facebook. WP6 also compiled the results of the press review after the events and blog posts to give feedback on the proceedings of the events.[15]

Moreover, papers were successfully submitted by BnF for a LIBER (Association of European Research Libraries) workshop organised by the Working Group on Digital Collections in June 2016, and for the IFLA (International Federation of Library Associations and Institutions) conference organised in August 2016.

The WP6 gave feedback on the biggest events at which the project was presented in this period through its blog, for example the iAnnotate[16] and the IAML conferences[17].

7.3 Issues and mitigation

During the April 29th meeting, the PMB agreed to ask the PO to modify the target group for the hackathon KPI's audience from "40 programmers" to "40 participants".

7.4 Deviations and objectives not met

7.5 Plans for the next quarter

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[15] http://www.europeanasounds.eu/news/wikipedia-edit-a-thon-at-the-national-library-of-latvia, http://ww.europeanasounds.eu/news/wikipedia-sings-in-greek-edit-a-thon-held-at-the-music-library-of-greece-of-the-friends-of-music-society
[16] http://www.europeanasounds.eu/news/iannotateconference
[17] http://www.europeanasounds.eu/news/europeana-sounds-project-iaml-rome-2016

7.5.1 T6.1 Communications Plan

WP6 will continue to follow the communication plan and monitor the results of communication activities.

7.5.2 T6.2 Project website

Updates of the website and publication of two blog posts per week will be continued.

7.5.3 T6.3 Public communication and community building

WP6 will continue with the public communication and community building activities, and will remain attentive to the outcome of WP3's discussions about the public release of D3.4.

7.5.4 T6.4 Communication highlights

T6.4.1 (Sound recorders): task completed.

T6.4.2 Family tree of audio/sounds content): while realised and already available online, this new feature will be promoted starting September 2016 with a blog post, social media posts from the project and the partners various pages and a publication on the Europeana portal.

T6.4.3 (Sound timeline): task completed.

7.5.5 T6.5 Events

WP6 will continue with the participation at events, the organisation of the project conference, of the hackathon and the four remaining (re)discovery events. The French and Italian rediscovery events will take place in Q11. WP6 will also support WP2 in the promotion of coming edit-a-thons and other event(s) related to the crowdsourcing campaign.

8 WP7: Project management and sustainability

8.1 Summary

The Europeana Sounds project has continued as planned for WP7. Communicating and advising partners on issues has continued. Financial management has been an important aspect and involved completing the year two cost claims. The checkpoints MS50 *Plenary Consortium Meeting* and MS51 *Annual Review* were achieved and the associated documents submitted. Daily project management has continued, which includes answering questions from partners, chasing information, monitoring finances, pulling together reports and internal communications.

8.2 Main progress and achievements

8.2.1 T7.1 Project and financial administration

A lot of effort went into finalising the year 2 cost claim on several occasions and seeking clarifications for the EC from a number of issues which arose. During Q9 the year 2 use of resources was submitted on the EC portal, NEF. This was submitted on March 31st 2016, after all partners sent through individual use of resources reports to WP7 which were analysed and partners were asked for clarification if the financial spend was not clear. After agreement with WP7 these reports were then entered into the NEF to ensure the project coordinator could submit the financial reports, as well as the periodic report on time. The NEF was re-opened by the EC and clarifications and updates were required from some partners, as well as the upload of CFS from partners EF and BL. The NEF was re-submitted during Q10, and second year payments will commence after it has been accepted by the EC.

8.2.2 T7.2 Quality assurance and risk management

The risk register was thoroughly examined by the PMB during Q9, during a face to face meeting. Each risk that was marked as either 'medium risk' or 'high risk' was examined and decisions were made to either increase or decrease the importance of these risks. The meeting aggregation targets were a high risk, as this is a primary objective of the project, and several data providers were having issues in meeting all targets. The risk registered was then updated during quarter 10, with risks being removed that can no longer occur, and other risks having a heightened factor applied to them due to their crucial nature.

The quality assurance plan was updated during quarter 10. It was initially written during the first year of the project and issued as D7.1 *Quality Assurance Plan*. There have since been changes and developments in this task, and so the document has been updated to reflect amendments which occurred during the first, second and beginning of the third year. This was circulated to the PMB for any further comments.

8.2.3 T7.3 Internal communication and meetings

The second technical review took place at the BL on April 15th and was preceded by a rehearsal which all work package leaders attended. Both of these meetings were arranged by WP7. The third data providers' workshop took place April 28th-29th and again WP7 assisted with the organisation of this meeting in conjunction with the local hosts.

Internal communication has continued, with Basecamp being the primary method of contact for all partners. All project documents are circulated to all partners via Basecamp and discussion is encouraged.

8.2.4 T7.4 Exploitation planning and governance

The sustainability and exploitation planning is a key focus for WP7 during the third year of the project. At the end of May, WP7 met with EF and IASA representatives in The Hague to discuss the project sustainability after January 2017. The Business Model Canvas method was used to put ideas together. Financial options and problems were discussed as were value propositions, potential revenue and future funding opportunities through Europeana DSI. It was decided that an annual Europeana Sounds aggregation workshop and presentation will take place at the IASA annual conference. Exploitation and sustainability were also addressed during a meeting between WP7 and EF, and all sustainability options are being examined in order to find the best possible course of action.

8.2.5 T7.5 Project evaluation

The British Library holds the subcontracting budget for the external evaluation of Europeana Sounds. Planning for this has begun, and it is anticipated that it will be carried out during November 2016, with a final report to be submitted to the project board in December 2016. This will go out to tender, and will follow the BL protocol for tenders. Therefore a draft brief for the independent, external evaluation has been put together and can be viewed here: https://docs.google.com/document/d/1-uifzQnwZHnSXwaq7KeV6CdpOZz6LTf79pqnktequNw/edit

8.3   Issues and mitigation

Concerns were raised that Europeana Sounds records were delayed in publication on Europeana due to their prioritisation of Europeana DSI partners. That CNRS and FCSH might not able to meet aggregation target was escalated to the Project Management Board. Both partners were encouraged to find partner organisations they work closely with who could provide alternative content.

A key issue with D3.4 has arisen during Q10. This issue raised by EF and escalated to the PMB which has continued to look into the matter. The deliverable was submitted on time to the project officer, however, the public version of this document has been under internal discussion. The PMB have been debating the best course of action for this document and proposals have been put forward within the WP3 working group; but still need to be formally introduced to them by the WP3 lead.

8.4   Deviations and objectives not met

During Q10 there have been several changes to the DoW which were proposed to the project officer at the EC and have been confirmed as accepted changes. These are:

Table 2: accepted changes to the DOW

Change to:	Lead Partner	Explanation of proposed change
Delivery date of D7.7	BL	D7.7 Evaluation report 2 is currently due in month 31. We feel this is too early and would like to amend the delivery date to month 36 so it can cover all of year 3.
KPI 16 target	KL	Change KPI 16, 'Number of publishers added to the Europeana Network and actively engaged in the stakeholder dialogue' with a Year 3 target of 5, to: 'Number of rights holder *representatives* actively engaged in the stakeholder dialogue' with a Year 3 target of 4.
Person month and budget change	SMO	Current: WP1: 17.5, WP2: 4, WP3: 1, WP6: 1.5, WP7: 1.5 Proposed: WP1: 15.5, WP2: 2, WP3: 1.5, WP6: 3, WP7: 3
KPI 13 description	BnF	Change description and wording of KPI 13 from 'participation of programmers in the hackathon' to 'participants in the hackathon'

8.5   Plans for the next quarter

8.5.1 T7.1 Project and financial administration

Financial reports from this quarter will be examined to ensure partners are on track with expenditure and to create forecasts for the period ahead. As we near the end of the project, it will become easier to predict any variance in individual budgets, and to see if this can be re-distributed to other partners who have carried out extra work and need additional recompense. During the next quarter, year two payments will be distributed (pending EC agreement), but payments will only be made up to 90% of the maximum EU contribution, which some partners already reached after the year 1 payment. This means those partners will not receive additional funding until the end of the project.

8.5.2 T7.2 Quality assurance and risk management

Deliverables and milestone documents will continue to be peer-reviewed and cross-checked by WP7, before submission to the EC. This ensures that a standard format and use of language is applied to ensure standardised documents and project outputs. The risk register will be monitored and updated and project outputs will be monitored by WP7 to ensure they are of the expected quality.

8.5.3 T7.3 Internal communication and meetings

PMB meetings will continue fortnightly. The next large-scale meeting of all partners will be at the final plenary meeting in December in Germany, which WP7 has started to organise. During Q11, WP7 will attend a Europeana DSI-2 all-partner meeting to further discuss how Europeana Sounds work could continue after the end of the project.

8.5.4 T7.4 Exploitation planning and governance

After the Q10 meeting between EF and BL, there are further ideas for the future sustainability and post project plans. Initial discussions have taken place, and it is expected that during Q11 ideas will become formalised. All partners will be surveyed to understand their exploitation intentions during and after the end of year three, as they were during year two. This information will feed into the MS53 *Final exploitation plan and governance* document.

8.5.5 T7.5 Project evaluation

Evaluation continues within each work package, most recently WP4 has released an evaluation of the updated Europeana Collections. During the next quarter it will be useful to begin to draft the lessons learnt during the project, and whether any of these can be implemented during the end of the project or can at least becoming part of the sustainability planning. Moreover, it is intended that the tender for the external evaluation will be sent out during the next quarter and an evaluator will be decided upon.

9 Deliverables and Milestones

9.1 Deliverables during Q9-Q10

Table 3: Deliverables

Deliverable No.	Deliverable Name	WP	Lead Participant	Dissemination Level	Due delivery date from Annex I	Delivered Yes/No	Actual/ Forecast delivery date
D1.7	Aggregation report 2	1	BL	Public	29/02/2016	Yes	02/03/2016
D6.5	Communication plan and evaluation V2	6	BnF	Public	29/02/2016	Yes	02/03/2016
D3.4	Final report including policy recommendations	3	KL	Public	30/04/2016	Yes	05/05/2016
D2.7	Crowdsourcing evaluation and impact assessment	2	NISV	Public	30/06/2016	Yes	03/08/2016

9.2 Milestones due in Q9-Q10

Table 4: Milestones

Milestone no.	Milestone name	WP	Due achievement date from Annex I	Achieved Yes/No	Actual/Forecast achievement date
MS37	Communication plan update	6	29/02/2016	Yes	02/03/2016
MS49	Advisory Board meeting	7	29/02/2016	Yes	02/03/2016
MS50	Plenary consortium meeting	7	29/02/2016	Yes	02/03/2016
MS51	Annual Report	7	31/03/2016	Yes	31/03/2016
MS6	Final tranche of metadata ready for ingestion	1	31/07/2016	Yes	03/08/2016

10 Performance Indicators

Table 5: performance against KPIs set in DOW

No	Relating to objective / result	Indicator name	Progress (cumulative)				Target PY3
			YR 1	YR2	Q9	Q10	
1	Aggregation (WP1)	Number of audio items aggregated	52,439	295,292	303,694	590,598	500,000
2	Aggregation (WP1)	Number of other items aggregated	31,682	185,876	190,238	247,525	225,000
3	Aggregation (WP1)	Number of items freely available for re-use	39,571	171,626	171,709	177,248	90,000
4	Aggregation (WP1)	Number of data providers using new EDM profile	89%	100%	100%	100%	100%
5	Aggregation (WP1, WP5)	Number of Consortium partners to have made use of training resources	100%	100%	100%	100%	100%
6	User engagement (WP4)	User satisfaction. Channels will be evaluated annually in a user survey where the KPI is that 70% of users rate the channels as good or excellent	NA	68%	68%	68%	70%
7	Technical platform (WP5)	Number of services developed and implemented in the Europeana infrastructure	3	2	2	2	2: quality checking, resource discovery
8	Enrichment (WP2)	Number of metadata records enriched through semantic enrichment	34813	667,690	1,070,436	1,345,051	2,000,000
9	Enrichment (WP2)	Number of annotations (tags) added by users	NA	0	0	2539	1,500,000
10	Enrichment (WP2)	Number of new connections among records established by users & automatically	NA	55,000	55,000	84,221	10,000
11	Enrichment (WP2)	Number of participants in the GLAMwiki edit-a-thons	12	45	101	101	200
12	Music information retrieval (WP2)	Number of items accessible through the music retrieval service	NA	NA	312,096	312,096	25,000
13	Dissemination (WP6)	Participation of programmers in the hackathon	NA	NA	NA	NA	40
14	Dissemination (WP6)	Publications about the project (including external blogs)	285	684	760	838	800
15	Dissemination (WP6)	Number of events where the project is presented	34	93	102	116	40
16	Policy (WP3)	Publishers added to Europeana Network and engaged in stakeholder dialogue	3	3	3	3	3

11 Dissemination and Use

11.1 Publications

The blog posts published in Q9 and Q10 are listed in D6.8, appendix B.

The press and other media mentions about the Europeana Sounds project are listed in the following deliverables:

- n°1 to 103, in Annexe 3 of D6.3, pages 30-42.

- n°104 to 193, in Appendix B of D6.4, pages 42-37

- n°194 to 486, in Appendix B of D6.5, pages 53-74

Below we list of external publications in both Q9 and Q10:

N°	Title and author	Publication	Date	Audience	Comment(s)	URL
487	The cat that ate the candle and the ewe with the crooked horn from Europeana sounds – music in libraries, by Ellen Forsyth	Read, watch, play, participate…	1/02/16	Online, Public	Blog post in English	http://readplayparticipate.blogspot.fr/2016/02/the-cat-that-ate-candle-and-ewe-with.html
488	Musikrecherche, by Susanne Hein	Deutscher Musikrat, Deutsches Musikinformationszentrum	2/02/16	Online, Public	Article in German	http://www.miz.org/static_de/themenportale/einfuehrungstexte_pdf/08_MedienRecherche/hein.pdf
489	Parution de la dernière newsletter d'Europeana Sounds	BnF	3/02/16	Online, Public	News item in French	http://www.europeanasounds.eu/wp-content/uploads/2016/02/breve-fevrier2016.jpg
490	Europeana Sounds is looking for Associate Partners	Presto Centre	4/02/16	Online, Public	Article in English	https://www.prestocentre.org/news/europeana-sounds-looking-associate-partners
491	Étude de projet européen Europeana Sounds, by Noémie	INA SUP	02/16	Online, Public	Academic paper in French	http://www.europeanasounds.eu/wp-content/uploads/2016/02/BOURDIOL-

	Bourdiol and Leïla Hincelin					HINCELIN-Pre%CC%81servation-audiovisuelleetnumerique.pdf
492	Η Wikipedia τραγουδάει ελληνικά!	Wikipedia.gr	19/02/16	Online, Public	Wikipedia article in Greek	http://bit.ly/2aLEG0A
493	Travelling through Mongolia with two gramophones	Museums	23/02/16	Online, Public	Blog post in English	https://museu.ms/article/details/113073/travelling-through-mongolia-with-two-gramophones
494	Η Wikipedia τραγουδάει ελληνικά: Ημερίδα στη Μουσική Βιβλιοθήκη	culturenow.gr	23/02/16	Online, Public	Article in Greek	http://www.culturenow.gr/45760/h-wikipedia-tragoydaei-ellhnika-hmerida-sth-moysikh-vivliothhkh
495	Europeana Sounds: Η ηχητική κληρονομιά της Ευρώπης στα χέρια σας!	AlfaVita	24/02/16	Online, Public	Article in Greek	https://www.alfavita.gr/arthron/europeana-sounds-i-ihitiki-klironomia-tis-eyropis-sta-heria-sas
496	Europeana Sounds: Η ηχητική κληρονομιά της Ευρώπης στα χέρια σας!	findGR	24/02/16	Online, Public	News item in Greek	http://news.findgr.net/p/1834436_europeana-sounds-i-ichitiki-klironomia-tis-europis-sta-cheria-sas.html
497	Europeana Sounds	Istituto Centrale per il Catalogo Unico	24/02/16	Online, Public	Article in Italian	http://www.iccu.sbn.it/opencms/opencms/it/archivionovita/2016/novita_0004.html
498	L'ICCU in Europeana Sounds	Newsletter ICCU n. 2	25/02/16	Newsletter subscribers	Newsletter in Italian	http://us12.campaign-archive1.com/?u=9d3ab7c9a38153ccde2f60248&id=ec9bbf9a23
499	Η Wikipedia τραγουδάει ελληνικά: Ημερίδα στη Μουσική Βιβλιοθήκη	statusnet.gr	02/16	Online, Public	News item in English	http://www.europeanasounds.eu/wp-content/uploads/2016/02/status-gr.jpg
500	Notiks Vikipēdijas darbnīca	National Library of Latvia	29/02/16	Online, Public	Article in Latvian	https://www.lnb.lv/lv/notiks-vikipedijas-edit-tons
501	Latvijas Nacionālajā bibliotēkā notiks	Kulturas Vestis.lv	29/02/16	Online, Public	Article in Latvian	http://epadomi.lv/kulturasvestis/radosi/darbnicas/29022016-

	Vikipēdijas darbnīca					latvijas_nacionalaja_b iblioteka_notiks_vi
502	Vikipēdija:Editatons/L NB 2016	Vikipēdija	02/16	Online, Public	Wikipedia article in Latvian	https://lv.wikipedia.or g/wiki/Vikip%C4%93di ja:Editatons/LNB_201 6
503	Europeana Sounds Newsletter 21	Europeana Sounds	29/02/16	Online, Public, 589 newsletter subscribers	Newsletter in English	http://www.europeanasounds.eu/?na=v&id =56&nk=665-8c4b0e3d01
504	Europeana Sounds Conference 2016	Europeana Pro	1/03/16	Online, Public	Article in English	http://pro.europeana.eu/event/europeana-sounds-conference-2016
505	Europeana Sounds Conference 2016	IASA	03/16	Online, Public	Conference announcement in English	http://www.iasa-web.org/event/europeana-sounds-conference-2016
506	Latvijas Nacionālajā bibliotēkā notiks Vikipēdijas darbnīca	7guru.lv	1/03/16	Online, Public	Article in Latvian	http://www.7guru.lv/ blog/notikumi-2/latvijas-nacionalaja-biblioteka-notiks-vikipedijas-darbnica/
507	The Greek sing Wikipedia!, by Susan Richards	National informer	2/03/16	Online, Public	Article in English	http://nationalinform er.com/the-greek-sing-wikipedia/
508	Europeana Sounds	Europeana Space, Best Practice Network	3/03/16	Online, Public	Article in English	http://www.europeana-space.eu/network/co operation-agreements/europeana-sounds/
509	Europeana Sounds & Europeana Space	Digital Meets Culture	3/03/16	Online, Public	Article in English	http://www.digitalme etsculture.net/article/ europeana-sounds-europeana-space/
510	Parution de la dernière newsletter d'Europeana Sounds	BnF	9/03/16	Online, Public	News item in French	http://www.europeanasounds.eu/wp-content/uploads/201 6/03/newsBnFMarch2 016.jpg
512	Board Meeting in Vilnius – Some Comments Only, by Tedd Urnes	Baltic Audiovisual Archive Council	3/16	Online, Public	Article in English	http://www.baacounc il.org/home/1436-board-meeting-in-vilnius-some-comments-only
512	Tiks papildināti	Skaties	11/03/16	Online,	TV news item	http://tvplay.skaties.l

	Wikipēdijas…			Public, broadcasted on television	in Latvian	v/parraides/900-sekundes/713663
513	Notikusi pirmā kolektīvā Wikipedia radošā darbnīca Latvijā	Skaties	12/03/16	Online, Public, broadcasted on television	Article and TV news item in Latvian	http://skaties.lv/zinas/latvija/sabiedriba/notikusi-pirma-kolektiva-wikipedia-radosa-darbnica-latvija/
514	A Collection Highlight – The songs of Hugo Wolf, by Zea Frana	R&D@ONB	13/03/16	Online, Public	Article in Latvian	https://onbresearch.wordpress.com/2016/03/13/the-songs-of-hugo-wolf/
515	Retour sur la journée du 14 janvier 2016, 2ème partie : les conférences, by Véronique Ginouvès	Questions ethique et droit en SHS	15/03/16	Online, Public	Article in French	http://ethiquedroit.hypotheses.org/1225
516	Digitale Schallarchive: Das Projekt Europeana Sounds und die französischen „Archives de la Parole" (Mittwochstipp 83), by Sven Ködel	Franco-Fil	16/03/16	Online, Public	Article in German	https://francofil.hypotheses.org/3946
517	Contextualisation d'un corpus sonore : Réfugiés d'Asie-Mineure sur l'île de Syros, by Eleni Loukou & Ariane Néroulidis	Les carnets de la phonothèque	16/03/16	Online, Public	Article in French	https://phonotheque.hypotheses.org/17650
518	La catastrophe d'Asie-Mineure : usages scientifiques et mémoriels d'un corpus d'archives sonores	SlideShare	17/03/16	Online, Public	Slideshow in French	http://fr.slideshare.net/PhonothequeMMSH/la-catastrophe-dasiemineure-usages-scientifiques-et-mmoriels-dun-corpus-darchives-sonores
519	Europeana Sounds 2016 Conference: Unlocking Sound Collections	heyevent	20/03/16	Online, Public	Conference announcement in English	http://heyevent.com/event/rmsdpl6ti7n4ma/europeana-sounds-2016-conference-unlocking-sound-collections

520	Europeana Sounds 2016 Conference: Unlocking Sound Collections	Wherevent	22/03/16	Online, Public	Conference announcement in English	http://www.wherevent.com/detail/Europeana-Sounds-Europeana-Sounds-2016-Conference-Unlocking-Sound-Collections
521	Η Wikipedia χορεύει παραδοσιακό συρτό	kathimerini	24/03/16	Online, Public	Article in Greek	http://www.kathimerini.gr/854218/article/politismos/moysikh/h-wikipedia-xoreyei-paradosiako-syrto
522	Copyright challenges and policy choices in European heritage projects Tools, ethics and methods, by Lisette Kalshoven	SlideShare	25/03/16	Online, Public	Slideshow in English	http://fr.slideshare.net/Bagolina/copyright-challenges-and-policy-choices-in-european-heritage-projects-tools-ethics-and-methods-par-lisette-kalshoven-14-janvier-2016-mmsh-aixenprovence
523	Βικιπαίδεια:Δράσεις εμπλουτισμού/Editathon 2016: H Βικιπαίδεια τραγουδάει ελληνικά – Europeana Sounds στη Μουσική Βιβλιοθήκη του Συλλόγου Οι Φίλοι της Μουσικής	Wikipedia Greece	03/16	Online, Public	Wikipedia article in Greek	http://bit.ly/1ZgarNh
524	Edit-a-thon at the Music Library of Greece	This Month in GLAM – Volume VI, Issue III	03/16	Online, Public	Article in English	https://outreach.wikimedia.org/wiki/GLAM/Newsletter/March_2016/Contents/Greece_report
525	Europeana Sounds	Grants:APG/Proposals/2014-2015 round1/Wikimedia UK/Impact report form, Wikimedia, Meta-wiki	03/16	Online, Public	Article in English	https://meta.wikimedia.org/w/index.php?title=Grants:APG/Proposals/2014-2015_round1/Wikimedia_UK/Impact_report_form&oldid=15482620
526	Europeana Sounds Newsletter 22	Europeana Sounds	1/04/16	Online, Public, 595 subscribers	Newsletter in English	http://www.europeanasounds.eu/?na=v&id=59&nk=721-

						3959860f6d
527	New ITMA blog post on Europeana Sounds	ITMA newsletter	1/04/16	Online, Public, newsletter subscribers	Newsletter in English	http://www.europeanasounds.eu/wp-content/uploads/2016/04/ITMA-Email-Newsletter-1-April-2016.pdf
528	Europeana Collections	Deutsche Nationalbibliothek Newsletter	5/04/16	Online, Public, newsletter subscribers	Newsletter in German	http://web.inxmail.com/dnb/dnb/dnb.jsp?mail=2283&c=display
529	Η Wikipedia τραγουδά τα παραδοσιακά!	Τα Νέα, Διονυσια Μαρίνου	6/04/16	Newspaper readers	Press article in Greek	http://bit.ly/1MSY34b
530	Parution de la dernière newsletter d'Europeana Sounds	BnF	7/04/16	Online, Public	News item in French	http://www.europeanasounds.eu/wp-content/uploads/2016/04/BreveAvril2016.jpg
531	Europeana Sounds: an interface into European sound archives, by Ricarda Franzen	Sound Studies: An Interdisciplinary Journal	15/04/16	Paid access	Journal in English	http://www.tandfonline.com/doi/abs/10.1080/20551940.2016.1154303?journalCode=rfso20
532	Save the date for Europeana Sounds' final conference	Europeana Communicators Group Update	20/04/16	Newsletter subscribers	Newsletter in English	http://www.europeanasounds.eu/wp-content/uploads/2016/04/Communicators-Group-Update-20-April-2016.pdf
533	Elfrīda Papule : le 'rossignol' letton	Europeana eNews Avril 2016	29/04/16	Newsletter subscribers	Newsletter in French	http://www.europeanasounds.eu/wp-content/uploads/2016/05/Europeana-280_-lancement-du-BigArtRide-Visages-d%E2%80%99Europe-%E2%80%93-nouvelle-exposition-virtuelle.pdf
534	Call for papers: BAAC Annual Conference 2016 "Audiovisual Heritage and People: Connecting, Curating, Sharing"	Baltic Audiovisual Archival Council	29/04/16	Online, Public	Article in English	http://www.baacouncil.org/conference-2016
535	Klingendes auf	Österreichisc	04/16	Online,	Magazine in	http://www.onb.ac.at

	Knopfdruck	he Nationalbibli othek Magazine, Nr1		Public	German	/files/OeNB_Mag9.pd f
536	Sound Archives Accessibility, by Silvia Calamai, Veronique Ginouvès, Pier Marco Bertinetto	Chapter in "Cultural Heritage in a Changing World", pp 37-54	30/04/16	Online, Public	Book in English	http://link.springer.co m/chapter/10.1007/9 78-3-319-29544-2_3/fulltext.html
537	Europeana Sounds Newsletter 23	Europeana Sounds	2/05/16	Online, Public, 601 subscribers	Newsletter in English	http://www.european asounds.eu/?na=v&id =60&nk=665-8c4b0e3d01
538	Gustav Mahler and the Vienna Court	Gettopical	2/05/16	Online, Public	News item in English	http://gettopical.com /vienna
539	Call for papers – Audiovisual Heritage and People: Connecting, Curating, Sharing – BAAC Annual Conference 2016	IASA	3/05/16	Online, Public	News item in English	http://www.iasa-web.org/notice_boar d/call-papers-baac-annual-conference-2016
540	Europeana Sounds: Europe's sound heritage at your fingertip	AcrossLimits Newsletter #39 – May 2016	3/05/16	Online, Public, Newsletter subscribers	Newsletter in English	http://us9.campaign-archive1.com/?u=64f aef28956805c079b27 da13&id=774925957f &e=6845293475
541	Europeana Sounds Third Data Providers Workshop, by Ariane Néroulidis	Les carnets de la phonothèqu e	4/05/16	Online, Public	Blog post in French	https://phonotheque. hypotheses.org/1870 1
542	BAAC 2016 Call for papers – Audiovisual Heritage and People: Connecting, Curating, Sharing	Association des cinémathèqu es européennes	12/05/16	Online, Public	News item in English	http://www.ace-film.eu/?p=4049
543	(Re)Discovery Event: Beethoven trifft Liszt	Österreichisc he Nationalbibli othek	16/05/16	Online, Public	Event announceme nt in German	http://www.european asounds.eu/wp-content/uploads/201 6/05/ONBevent.jpg
544	Europeana Sounds (Re)Discovery Event on	R&D@ONB	17/05/16	Online, Public	Blog post in English	https://onbresearch. wordpress.com/2016/ 05/17/europeana-

	the 2nd of June 2016 at the Austrian National Library					sounds-rediscovery-event/
545	Atelier interprofessionnel du Réseau documentaire des archives sonores, by Ariane Néroulidis	Les carnets de la phonothèque	19/05/16	Online, Public	Event announcement in French	http://phonotheque.hypotheses.org/18866
546	Challenges on modeling annotations in the Europeana Sounds project, by Hugo Manguinhas	SlideShare	20/05/16	Online, Public	Slideshow in English	http://fr.slideshare.net/HugoManguinhas1/challenges-on-modeling-annotations-in-the-europeana-sounds-project
547	Gustav Mahler et l'Opéra national de Vienne	Europeana eNews Mai 2016	25/05/16	Online, Public, Newsletter subscribers	Newsletter in French	http://us3.campaign-archive1.com/?u=ad318b7566f97eccc895e014e&id=d40c1f46c0&e=604d431160
548	Europeana Sounds cerca associate partners	IAML Italia	05/16	Online, Public	News item in Italian	http://www.europeanasounds.eu/wp-content/uploads/2016/05/IAML.jpg
549	Europeana Sounds: (Re)Discovery Event Beethoven trifft Liszt Vortrag mit musikalischer Darbietung (2.6.2016, Wien), by Max Kaiser	Vereinigung Österreichischer Bibliothekarinnen and Bibliothekare	25/05/16	Online, Public	News item in German	http://www.univie.ac.at/voeb/blog/?p=40458
550	Europeana Sounds : third data providers workshop (English version)	Les carnets de la phonothèque	25/05/16	Online, Public	Blog post in English	http://phonotheque.hypotheses.org/18912
551	Europeana Sounds cerca associated partner	IAML Italia mailing list	26/05/06	233 subscribers	Email in Italian	http://www.europeanasounds.eu/wp-content/uploads/2016/08/IAML26maggio.jpg
552	UNAM, septembre 2016 : Conservation des collections sonores et audiovisuels nativement	Les carnets de la phonothèque	27/05/16	Online, Public	Blog post in French	http://phonotheque.hypotheses.org/18976

	numériques, by Véronique Ginouvès					
553	Europeana Sounds cerca associate partners	IAML Italia	27/05/16	Online, Public	News item in Italian	http://www.iamlitalia.it/europeana.htm
554	If Europeana Sounds be the food of love…, by Tom Miles	Europeana food and drink	31/05/16	Online, Public	Blog post in English	http://foodanddrinkeurope.eu/if-europeana-sounds-be-the-food-of-love/
555	Europeana Sounds (Re)Discovery Event am 2. Juni 2016 an der Österreichischen Nationalbibliothek	Österreichische Nationalbibliothek	05/16	Online, Public	Event announcement in German	http://www.onb.ac.at/about/18350.htm
556	Help ons radio uit WOII op de kaart te zetten!, by Harry van Biessum	Research and development blog, Beeld en Geluid	1/06/16	Online, Public	Blog post in Dutch	http://www.beeldengeluid.nl/blogs/research-and-development/201606/help-ons-radio-uit-woii-op-de-kaart-te-zetten
557	Europeana Sounds Newsletter 24	Europeana Sounds	2/06/16	Online, Public, 603 subscribers	Newsletter in English	http://www.europeanasounds.eu/?na=v&id=61&nk=665-8c4b0e3d01
558	Help radio uit de Tweede Wereldoorlog op de kaart te zetten!	WOActueel	8/06/16	Online, Public	Blog post in Dutch	http://www.wo2actueel.nl/artikel/4901/Help-radio-uit-de-Tweede-Wereldoorlog-op-de-kaart-te-zetten.html
559	Rediscovered sounds at the Palais Mollard: Beethoven meets Liszt	R&D@ONB	10/06/16	Online, Public	Blog post in English	https://onbresearch.wordpress.com/2016/06/10/rediscovered-sounds-at-the-palais-mollard/
560	Les sons d'Istanbul, by Véronique Ginouvès	Les carnets de la phonothèque	11/06/16	Online, Public	Blog post in French	https://phonotheque.hypotheses.org/19105
561	Initiation à l'annotation participative en ligne sur Europeana	Maison Archéologie Ethnologie	16/06/16	Online, Public	Event announcement in English	http://www.mae.u-paris10.fr/initiation-annotation-participative-europeana/
562	Identify musical	Pundit	20/06/16	Online,	Blog post in	http://thepund.it/identify-musical-

	instruments in Europeana Sounds recordings!			Public	English	instruments-europeana-sounds-recordings-with-web-annotation/
563	Tag instrumenten in onze muziekcollecties!, by Harry van Biessum	Research and development blog, Beeld en Geluid	20/06/16	Online, Public	Blog post in Dutch	http://www.beeldengeluid.nl/blogs/research-and-development/201606/tag-instrumenten-onze-muziekcollecties
564	#CrowdsourcingMonth : participez à l'enrichissement des fonds de la phonothèque de la MMSH et d'ailleurs !, by Véronique Ginouvès	Les carnets de la phonothèque	21/06/16	Online, Public	Blog post in French	https://phonotheque.hypotheses.org/19234
565	Europeana Sounds Needs Help Identifying the Instruments In Its Recordings	ResearchBuzz: Firehose	22/06/16	Online, Public	News item in English	https://rbfirehose.com/2016/06/22/europeana-sounds-needs-help-identifying-the-instruments-in-its-recordings/
566	Europeana Sounds Conference 2016	PrestoCentre	06/16	Online, Public	Event announcement in English	https://www.prestocentre.org/calendar/europeana-sounds-conference-2016
567	Europeana Sounds: improving access to Europe's digital audio archives, by Bruno Sagna	SlideShare	24/06/16	Online, Public	Slideshow in English	http://slideshare.net/Europeana_Sounds/europeana-sounds-improving-access-to-europes-digital-audio-archives-63407333
568	Les archives sonores danoises les plus anciennes	Europeana eNews Juin 2016	27/06/16	Online, Public, Newsletter in French	News item in French	http://us3.campaign-archive2.com/?u=ad318b7566f97eccc895e014e&id=3389318e19&e=604d431160
569	A search through time: connecting live playing to archive recordings of traditional music, by Bryan Duggan, Jianghan Xu, Lise Denbrok, Breandan Knowlton	Proceedings of the 6th International Workshop on Folk Music Analysis, 15-17 June 2016, page 65 of 99	06/16	Online, Public	Paper in English	http://arrow.dit.ie/cgi/viewcontent.cgi?article=1018&context=fema

570	L'ICCU al Congresso annuale IAML 2016	Istituto centrale per il Catalogo Unico	30/06/16	Online, Public	Blog post in Italian	http://www.iccu.sbn.it/opencms/opencms/it/archivionovita/2016/novita_0023.html
571	L'ICCU al Congresso annuale IAML 2016	Newsletter ICCU n.6	06/16	Newsletter subscribers	Newsletter in Italian	http://us12.campaign-archive2.com/?u=9d3ab7c9a38153ccde2f60248&id=c863ec1077
572	Europeana Sounds – Statsbiblioteket har leveret populære lydfiler	Statsbiblioteket,	06/16	Online, Public	Blog post in Danish	https://www.statsbiblioteket.dk/nationalbibliotek/nyheder/ES-mest-lyttet-lydfil-fraSB
573	Music Collections – en god reklame?, by Sabine Schostag	Statsbiblioteket Intranet	1/07/16	Statsbiblioteket staff	News item in Danish	http://www.europeanasounds.eu/wp-content/uploads/2016/08/Intra_MusicCollections20160701.pdf
574	Europeana Sounds Newsletter 25	Europeana Sounds	1/07/16	Online, Public, 615 subscribers	Newsletter in English	http://www.europeanasounds.eu/?na=v&id=62&nk=665-8c4b0e3d01
575	Journées du Patrimoine : Europeana Sounds et des collections audiovisuelles de la BnF	Bibliothèque nationale de France	1/07/16	Online, Public	Event announcement in French	http://www.bnf.fr/fr/evenements_et_culture/auditoriums/f.voix_du_passe_journee_patrimoine.html?seance=1223925143250
576	Europeana Sounds 2016: Unlocking Sound Collections	Eventbrite	6/07/16	Online, Public	Event announcement in English	https://www.eventbrite.co.uk/e/europeana-sounds-2016-unlocking-sound-collections-tickets-26439321723?aff=es2
577	IAML 2016 06/07/2016, Accademia di Santa Cecilia	Youtube	6/07/16	Online, Public	Video in English	https://www.youtube.com/watch?v=aCyQgmwLZJo
578	Woensdagochtendsessie van IAML-congres in Rome	Nederlandse Vereniging van Muziekbibliotheken, Muziekarchieven en Muziekdocu	6/07/16	Online, Public	Blog post in Dutch	https://nvmb.wordpress.com/2016/07/06/woensdagochtendsessie-van-iaml-congres-in-rome/

		mentatiecentra				
579	Europeana Sounds 2016: Unlocking Sound Collections	Etrigg	7/07/16	Online, Public	Event announcement in English	https://etrigg.com/event/europeana-sounds-2016-unlocking-sound-collections/26776944/
580	Register for the conference "Europeana Sounds 2016: Unlocking Sound Collections"	Baltic Audiovisual Archival Council	8/07/16	Online, Public	News item in English	http://www.baacouncil.org/home/1444-register-for-the-conference-europeana-sounds-2016-unlocking-sound-collections
581	Az IAML Római Kongresszusán	Hangtárnok	11/07/16	Online, Public	Blog post in Hungarian	http://hangtarnok.hu/2016/07/11/az-iaml-romai-kongresszusan/
582	Owning our position, by Jill Cousins	Europeana Pro	14/07/16	Online, Public	Blog post in English	http://pro.europeana.eu/blogpost/owning-our-position
583	Congress Diary / Kongresstagebuch #2: magyar/Hungarian, by Marianna Zsoldos	IAML	16/07/16	Online, Public	Blog post in Hungarian	http://www.iaml.info/news/congress-diary-kongresstagebuch-2-magyarhungarian
584	Treasuring the sound heritage: the Europeana Sounds project, by Marzia Piccininno and Elisa Sciotti	Slideshare	18/07/16	Online, Public	Slideshow in English	http://www.slideshare.net/Europeana_Sounds/treasuring-the-sound-heritage-the-europeana-sounds-project/Europeana_Sounds/treasuring-the-sound-heritage-the-europeana-sounds-project
585	Issue 5: Annotations, Challenges on modeling annotations in the Europeana Sounds project, by Hugo Manguinhas	Europeana Pro	19/07/16	Online, Public	Blog post in English	http://pro.europeana.eu/page/issue-5-annotations
586	Η Μουσική Βιβλιοθήκη στις Μουσικές Συλλογές του προγράμματος	Newsletter on Music Collections Curation by	20/07/16	8,000 newsletter subscribers	Newsletter in Greek	http://www.europeanasounds.eu/wp-content/uploads/2016/08/Newsletter-Greece-July-2016.jpg

	Europeana Sounds	Friends of Music Society				
587	Europeana Tech Inside, new issue about Annotation	Digital meets culture	29/07/16	Online, Public	News item in English	http://www.digitalmeetsculture.net/article/europeana-tech-inside-new-issue-about-annotation/
588 8	Treasuring the sound heritage: the Europeana Sounds project	The Lone Wolf Librarian	30/07/16	Online, Public	News item in English	https://lonewolflibrarian.wordpress.com/2016/07/31/treasuring-the-sound-heritage-the-europeana-sounds-project/
589	L'ICCU al Congresso annuale IAML 2016	Newsletter ICCU n.7	07/16	Newsletter subscribers	Newsletter in Italian	http://us12.campaign-archive2.com/?u=9d3ab7c9a38153ccde2f60248&id=7f748033d6

11.2   Events

The events during which the project was presented and represented are listed in the following deliverables:

- events no. 1 to 18 from February to September 2014, in Annex 3 of D6.3 (page 43-44)
- events no. 19 to 34 until January 2015, in Appendix C of D6.4 (page 43-45).
- events no. 35 to 93 from February 2015 to January 2016 in Appendix C of D6.5 (page 75-82).

Below we list the participation in events during Q9-Q10 of the project; i.e. between February 2016 and July 2016:

No	Event	Date(s)	Location	Organiser	Europeana Sounds involvement
94	CNRS Internal seminar on sound archives dissemination	2 February 2016	Paris	CNRS / École normale supérieure, Institut des textes et manuscrits modernes (ITEM)	Presentation of the project by Joséphine Simonnot (CREM-CNRS) in her presentation « Telemeta. Un projet web pour les archives sonores de la recherche » http://bit.ly/2aUkab1

95	Edit-a-thon/Wikipedia workshop	12 March 2016	Riga	NLL/WP2	Presentation on the project, project mentioned in Latvian TV news clips
96	Symposium of the Study Group on Historical Sources of Traditional Music	13 March 2016	Paris	International Council for Traditional Music	Presentation of EDM for Sound and Europeana by Aude Julien-Da Cruz Lima (CNRS) and Pascal Cordereix (BnF)
97	Workshop «Repurpose, Experience, Taste and Rethink Culture»	22 March 2016	Athens	National Technical University of Athens	Session "Experience culture: A tour in European projects", explored the experience of digital culture through different paths and European projects such as Europeana Sounds by Vassilis Tzouvaras (NTUA) http://bit.ly/2b8hKqR
98	Edit-a-thon/Wikipedia workshop	23 March 2016	Athens	FMS/WP2	Presentation of the project http://bit.ly/1RQKIvg
99	OpenUp! consortium meeting	15 April 2016	Montpellier	OpenUp! consortium	Presentation about consortium running a thematic collection by Joris Pekel (EF)
100	Workshop with UK heritage institutions	19 April 2016	London	Wellcome Institute	Presentation of the project by Joris Pekel (EF)
101	La biblioteca in_visibile	26 April 2016	Bari	Conservatorio di Musica N. Piccinni / ICCU	Presentation of the project by Massimo Gentili-Tedeschi (ICCU) http://bit.ly/1On5Cvd
102	Midterm meeting of IFLA -cataloguing section	29 April 2016	Paris	IFLA	Presentation of the project by Massimo Gentili-Tedeschi (ICCU)

103	iAnnotate 2016	19 May 2016	Berlin		Presentations by Giulio Andreini (Net7) and Hugo Manguinhas (Europeana) http://bit.ly/1Y2Y7ko
104	National workshop on sound archives dissemination	20 May 2016	Grenoble	Réseau documentaire des archives sonores	Presentation of Europeana Sounds, EDMS and Mint by Joséphine Simonnot and Ariane Néroulidis (CNRS) http://bit.ly/1YHLTMs
105	Colloque « L'Europe et ses intellectuels »	30 May 2016	Warsaw	Scientific network "Cultures européennes – identité européenne"	Presentation of the project by Véronique Ginouvès in her paper "Identités et collections sonores : les défis du streaming"
106	Sounds (Re)Discovery Event in Austria	2 June 2016	Vienna	Austrian National Library	Presentation of the project by Zea Frana (Austrian National Library, ÖNB)
107	Archiving Tomorrow 2016	3 June 2016	Dublin	KES International, FOCAL International, RTÉ Archives	Project introduced by Richard Ranft (British Library) in the panel session "International Panel discuss the current state of Sound Archiving worldwide, looking at support and funding models"
108	Workshop "Opening up the collection – reuse and publishing"	7 June 2016	Göttingen	LIBER Working Group "Digital Collections"	Presentation "Europeana Sounds: Improving access to Europe's digital audio archives" by Bruno Sagna (BnF) http://bit.ly/29yMBK9
109	CATCH COGITCH Final	15 June	Utrecht	Project COGITCH -	Presentation "Enrichment and Participation in the

	Symposium	2016		Cognition Guided Interoperability between Collections of Musical Heritage	Europeana Sounds Project" by Maarten Brinkerink (NISV) http://bit.ly/2auvb4I
110	6th International Workshop Folk Music Analysis	16 June 2016	Dublin	Dublin Institute of Technology	Poster session "A search through time: connecting live playing to archive recordings of traditional music" by Bryan Duggan, Jianghan Xu, Lise Denbrok, Breandan Knowlton http://bit.ly/2b7JMkq http://bit.ly/2azUuna
111	Introduction to crowdsourcing on Europeana	20 June 2016	Nanterre	CREM-CNRS/WP2	Introduction of the project by the CREM-CNRS team http://bit.ly/24L2XDh
112	Tagathon for Crowdsourcing Campaign	30 June 2016	Athens	National Technical University of Athens, Music Library of Greece of the Friends of Music Society	Introduction of the project by the NTUA team
113	Ermopouli Symposium, about Asia Minor refugees collections on Europeana	4 July 2016	Ermoupoli	Institute of Historical Research (IHR/NHRF), National Hellenic Research	Introduction of the project by Loukou Eleni, Néroulidis Ariane in the presentation "Récits des réfugiés d'Asie Mineure à Syros : traitement et valorisation de témoignages oraux en

				Foundation	bilingue"
114	2016 IAML Congress	6 July 2016	Rome	International Association of Music Libraries, Archives and Documentation Centres (IAML)	Presentation "Treasuring the sound heritage: The Europeana Sounds Project" by Marzia Piccininno and Elisa Sciotti (ICCU) http://bit.ly/29Gbwy6
115	Workshop "Inventories of intangible cultural heritage of France"	6 July 2016	Aix-en-Provence	Institut occitan (InOc), Institut d'Ethnologie Méditerranéenne, Européenne et Comparative (IDEMEC), Département du pilotage de recherche et de la politique scientifique (Ministry of Culture)	Presentation of the project by Véronique Ginouvès (MMSH-CNRS) during the panel discussion "Inventaires interactifs et collaboratifs: outils informatiques, mise en réseau, enrichissement numérique et « crowdsourcing »" http://bit.ly/29nA4ZX
116	Encontro internacional de discotecas	20 July 2016	São Paulo	Discoteca Oneyda Alvarenga do Centro Cultural São Paulo, Instituto de Estudos Brasileiros/Universidade de São Paulo	Introduction of the project by Pascal Cordereix in its presentation "Un siècle d'archives sonores à la BnF : problématiques de conservation et de diffusion" http://bit.ly/2aVfXSW

12 Use of resources

12.1　Overview table of the cumulative effort in PMs per beneficiary

The table below shows the effort in Person Months (PMs) per beneficiary for Q9 and Q10. The person month total is compared against a linear figure which is based on a projection of the total amount of effort for that beneficiary, spread linearly across all 12 quarters of the project. This is an average figure, and in reality will be expected to vary from quarter to quarter as all tasks do not run concurrently or for the full duration of the project. The report from Europeana did not arrive in time to be included in this report, and CNRS submitted only partial data by the deadline.

Table 6: Cumulative effort in person months (PMs) per quarter (Q) per beneficiary. (Figures for Q10 were not received from EF. Only partial figures are shown for CNRS)

No	Participant Short name	Effort Q9 total (PM)	Q9% of linear forecast	Q10 total (PM)	Q10 % of linear forecast	Linear forecast per Quarter	Q9 + Q10 total (PM)	Project total budget (PM)	Q9 + Q10 as % of total project effort
1	BL	10.39	108%	8.47	88%	9.63	18.86	115.5	16%
2	NISV	9.93	124%	11.07	138%	8.00	21	96	22%
3	KL	1.72	94%	1.44	79%	1.83	3.16	22	14%
4	EF	8.90	110%	0.00	0%	8.08	8.9	97	9%
5	NTUA	11.91	150%	16.84	213%	7.92	28.75	95	30%
6	BNF	3.18	49%	10.56	163%	6.50	13.74	78	18%
7	AIT	14.42	223%	11.86	184%	6.46	26.28	77.5	34%
8	NET7	1.00	24%	5.81	141%	4.13	6.81	49.5	14%
9	WAWWD	3.76	127%	2.73	92%	2.96	6.49	35.5	18%
10	CNRS	5.19	195%	5.00	188%	2.67	10.19	32	32%
11	DIZI	2.69	147%	2.28	124%	1.83	4.97	22	23%
12	DNB	2.69	122%	0.32	14%	2.21	3.01	26.5	11%

|	Participant	Effort							
No	Short name	Q9 total (PM)	Q9% of linear forecast	Q10 total (PM)	Q10 % of linear forecast	Linear forecast per Quarter	Q9 + Q10 total (PM)	Project total budget (PM)	Q9 + Q10 as % of total project effort
13	FMS	1.71	103%	1.71	103%	1.67	3.42	20	17%
14	ICCU	1.84	74%	3.25	130%	2.50	5.09	30	17%
15	ITMA	1.04	62%	4.32	259%	1.67	5.36	20	27%
16	MPI	3.25	166%	2.26	115%	1.96	5.51	23.5	23%
17	NLL	3.69	197%	2.71	145%	1.88	6.4	22.5	28%
18	OeM	3.61	217%	4.51	271%	1.67	8.12	20	41%
19	RBB	3.16	124%	3.82	150%	2.54	6.98	30.5	23%
20	SMO	4.43	213%	7.40	355%	2.08	11.83	23	51%
21	SB	2.84	126%	2.39	106%	2.25	5.23	27	19%
22	ONB	3.06	156%	2.53	129%	1.96	5.59	23.5	24%
23	FCSH	0.29	15%	1.77	92%	1.92	2.06	23	9%
24	CCE	0.64	38%	0.42	25%	1.67	1.06	20	5%
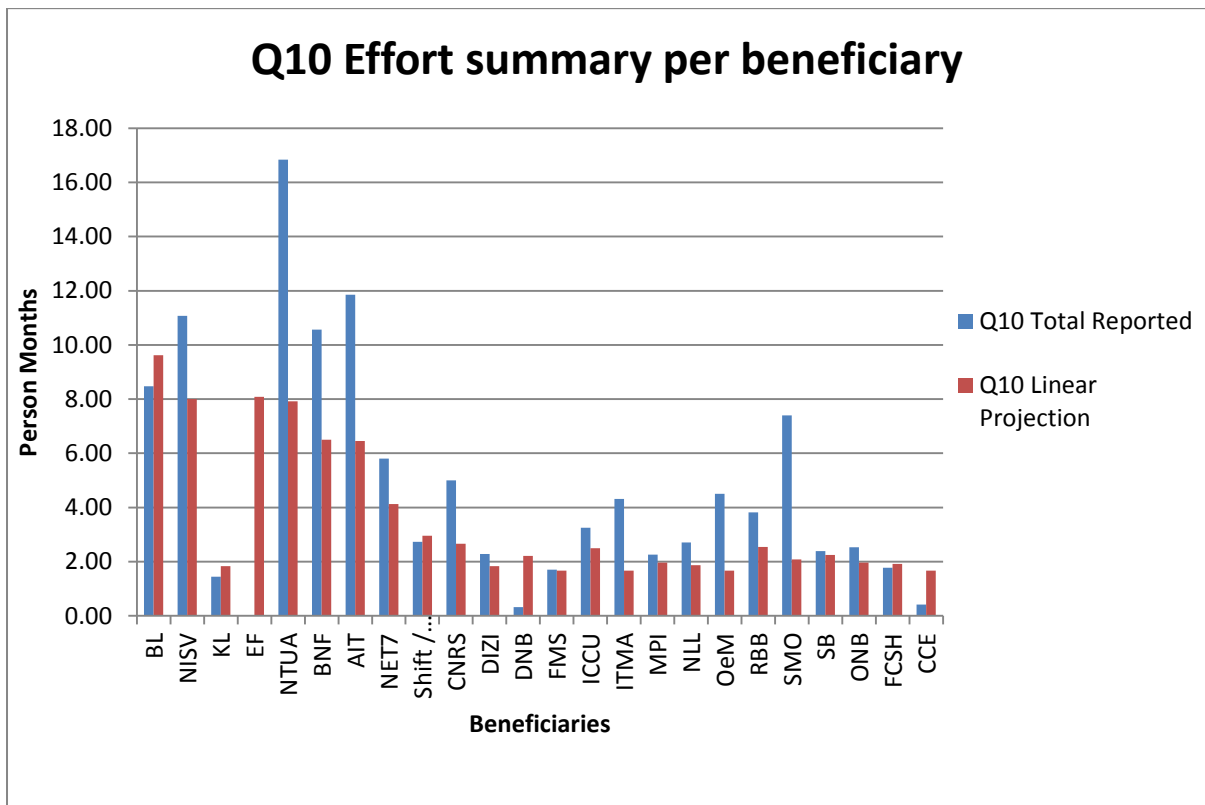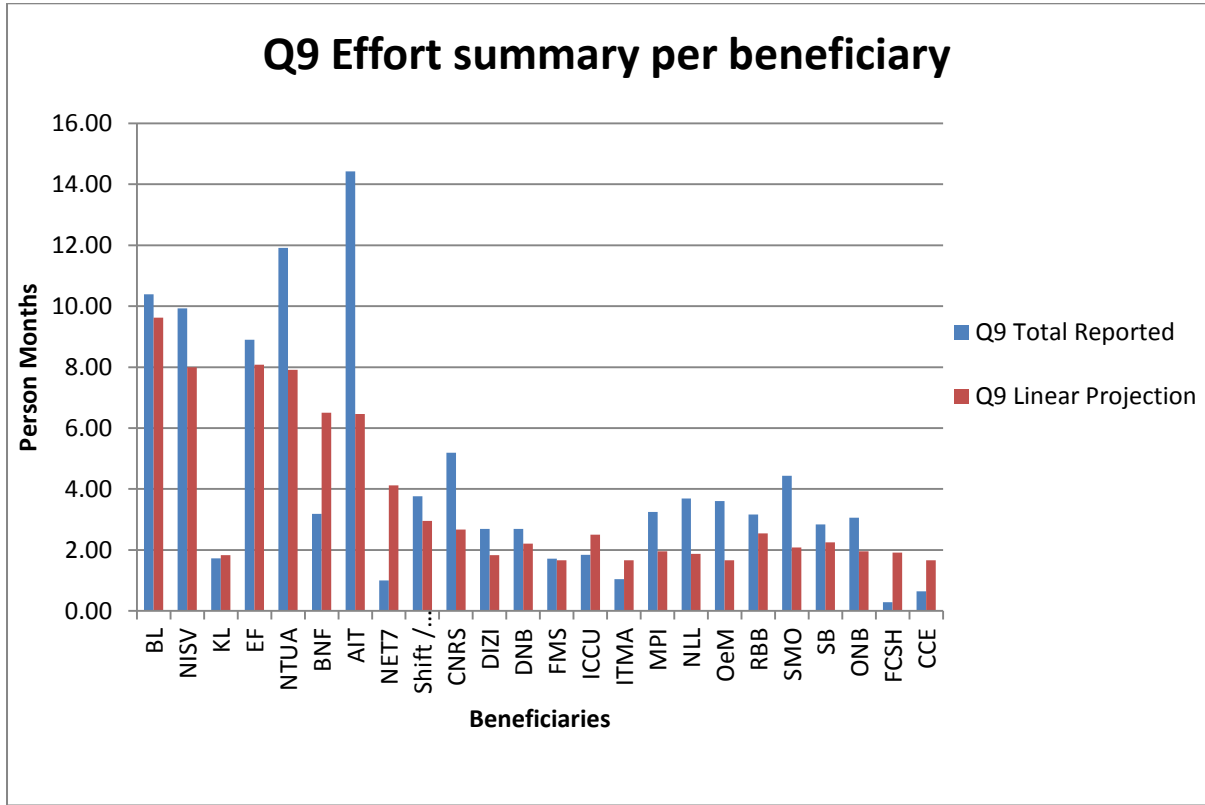
Figure 3: Q9 and Q10 Total effort reported against Q9 and Q10 linear projected effort per beneficiary

The figure above shows both the 'Q9 Total Reported' effort figures plotted against the 'Q9 Linear Projection' and the same for Q10 for each partner. The charts indicate where the total reported is higher or lower than the projected figure, based on a linear consumption of effort across the project, or where this is roughly in line with expectations. During Q9 data providers have reported high contributions due to the increased effort in aggregation in order to meet the deadline of Milestone 6. During Q10, SMO reported high contribution in WP1 due to their efforts in curating the Music Channel for a month during this time, which led to the preparation of specific collections to be included in a promotional effort. There was also a very high report in WP2 from AIT and NTUA due to their support for the integration of WITH and PUNDIT and semi-automatic enrichment.
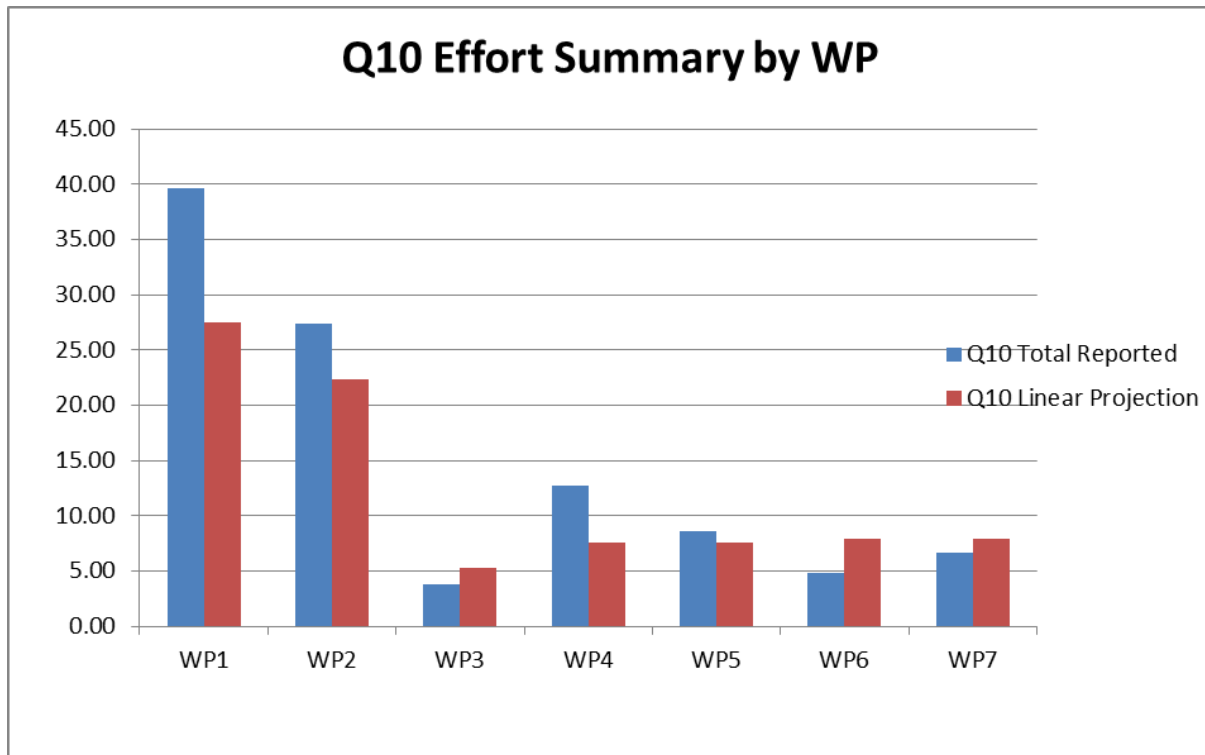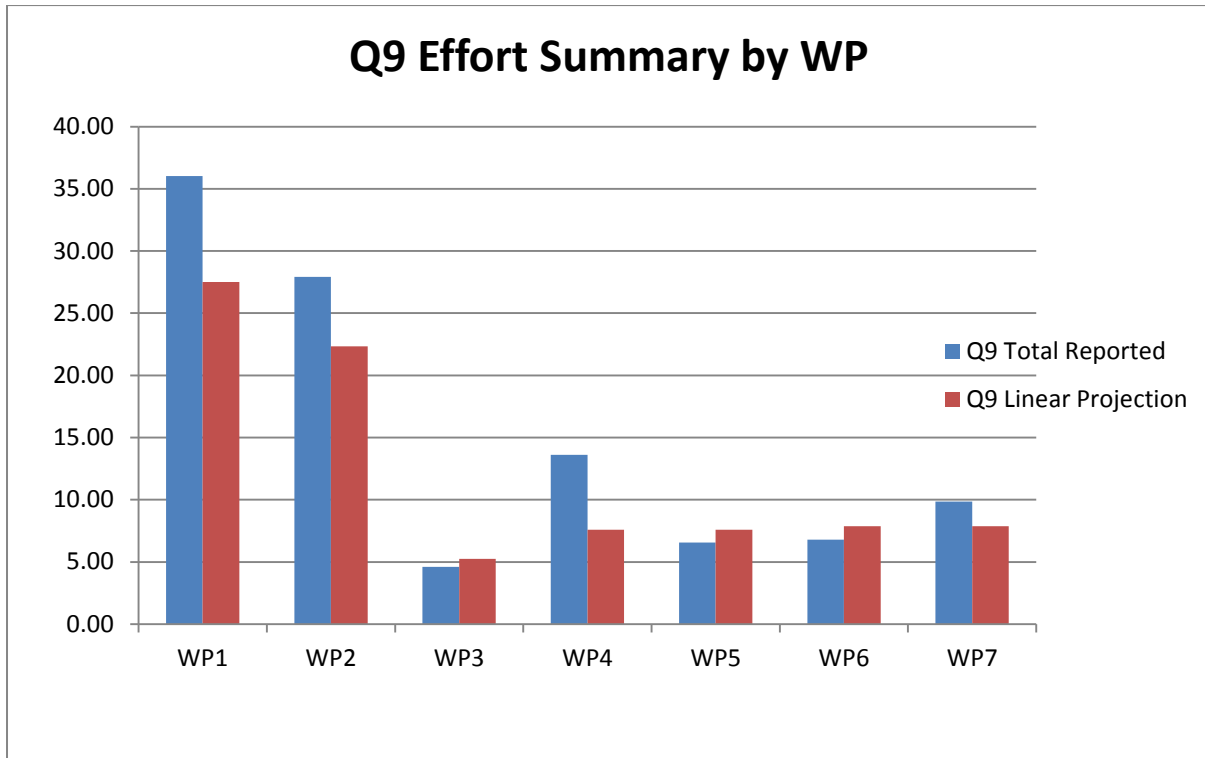
Q9 Effort Summary by WP

Q10 Effort Summary by WP

Figure 4: Q9 and Q10 Total effort reported against Q9 and Q10 linear projected effort per WP

The figure above shows the 'Q9 Total Reported' effort figures plotted against the 'Q9 Linear Projection' effort figures for each Work Package, as well as the same graph for the Q10 information. This demonstrates that a lot of work has been carried out in WP1, which is due to data providers

working to ensure collections were ready to be published by the Milestone 6 deadline, and smaller increases for WP2 and WP4 as would be expected in line with the developments in API integration and crowdsourcing campaigns. As we are now halfway through year three of the project some partners are beginning to exceed their allocated person months. However, these partners are not exceeding their total allocated budget as staff are working at a lower monthly rate than anticipated in the DoW. This means that there can be an increased effort, but within the same expected budget.

12.2   Cumulative Effort Q1-10

Figure 5: Cumulative reported effort for Q1 – Q10
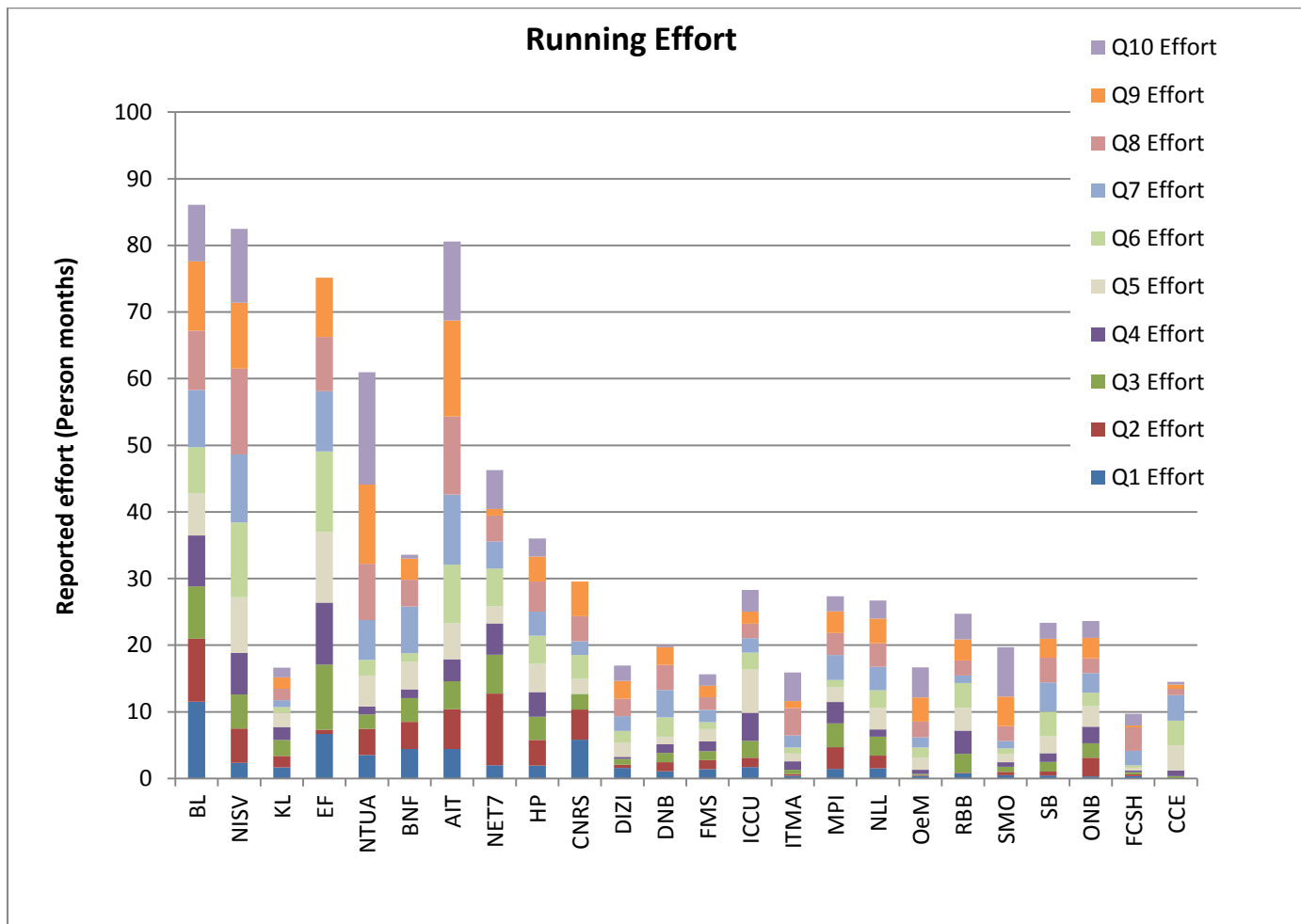
The figure above shows the running effort from the start of the project, to the end of Q10. It is measured in person months claimed by each beneficiary and shows the division between quarters. This graph demonstrates that all partners are active during every quarter of the project, and that there are no causes for concern of any partners not performing as anticipated

## 12.3 Overview table of cost items per beneficiary

Table 7: Q9 and Q10 expenditure (Euros) compared to linear spend per beneficiary. Figures for Q10 were not received from EF. Only partial figures are shown for CNRS.

No	Short name	Q9 Cost	Q9 %	Q10 Cost	Q10 %	Linear per Q Y3	Q9 + Q10 total	Project Total	Q9 + Q10 %
	Participant	**Cost (Euros)**							
1	BL*	55093.11	91.33%	37299.43	61.83%	60,325.33	92392.54	723,904.00	13%
2	NISV	51491.50	77.43%	63602.37	95.64%	66,499.33	115093.87	797,992.00	14%
3	KL	10276.85	79.38%	9199.90	71.06%	12,946.17	19476.75	155,354.00	13%
4	EF	45160.35	81.33%	0.00	0.00%	55,530.33	45160.35	666,364.00	7%
5	NTUA	47183.55	151.94%	63856.47	205.63%	31,053.83	111040.02	372,646.00	30%
6	BNF	13379.00	29.22%	54779.20	120.00%	45,785.83	68158.20	549,430.00	13%
7	AIT	87728.98	163.67%	70532.80	131.59%	53,599.58	158261.78	643,195.00	25%
8	NET7	2973.21	18.10%	25298.43	154.00%	16,427.50	28271.64	197,130.00	14%
9	WAWWD	21040.53	115.39%	15717.79	86.20%	18,234.92	36758.33	218,819.00	17%
10	CNRS	41089.33	283.98%	0.00	0.00%	14,469.08	41089.33	173,629.00	24%
11	DIZI**	5739.60	146.18%	4853.60	123.61%	3,926.50	10593.20	47,118.00	22%
12	DNB	14336.92	116.12%	1826.08	14.79%	12,347.00	16163.00	148,164.00	11%
13	FMS	7485.92	98.07%	7485.92	98.07%	7,633.33	14971.84	91,600.00	16%
14	ICCU	8694.17	84.17%	14012.60	135.67%	10,328.75	22706.77	123,945.00	18%
15	ITMA	4228.08	56.41%	16944.89	226.07%	7,495.33	21172.97	89,944.00	24%
16	MPI	11991.76	110.99%	12216.45	113.07%	10,804.17	24208.21	129,650.00	19%
17	NLL	4490.10	122.84%	3092.03	84.59%	3,655.33	7582.13	43,864.00	17%
18	OeM	13830.99	194.46%	15123.14	212.63%	7,112.33	28954.13	85,348.00	34%
19	RBB	23965.08	115.06%	30905.52	148.39%	20,827.83	54870.60	249,934.00	22%

Participant		Cost (Euros)							
No	Short name	Q9 Cost	Q9 %	Q10 Cost	Q10 %	Linear per Q Y3	Q9 + Q10 total	Project Total	Q9 + Q10 %
20	SMO	16055.47	161.70%	23507.23	236.76%	9,928.92	39562.71	119,147.00	33%
21	SB***	9650.59	58.22%	10131.62	61.12%	16,576.00	19782.22	198,912.00	10%
22	ONB	11340.63	95.07%	10304.98	86.38%	11,929.17	21645.61	143,150.00	15
23	FCSH	391.09	6.85%	2409.96	42.21%	5,709.92	2801.05	68,519.00	4
24	CCE	2897.40	33.39%	1797.56	20.71%	8,678.33	4694.96	104,140.00	5

Notes:

* GBP converted to Euro. ** LTL converted to Euro. *** DKK converted to Euro
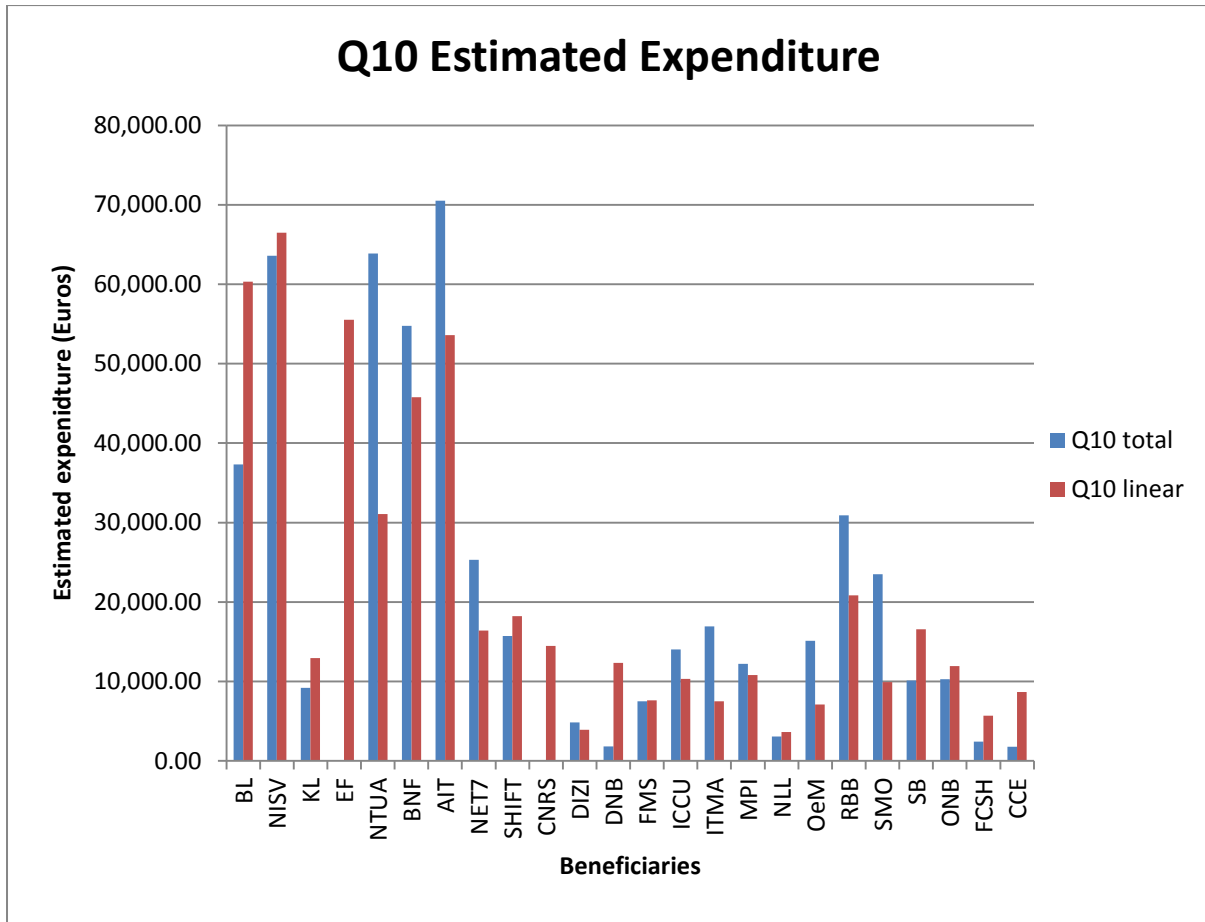
Q9 Estimated Expenditure
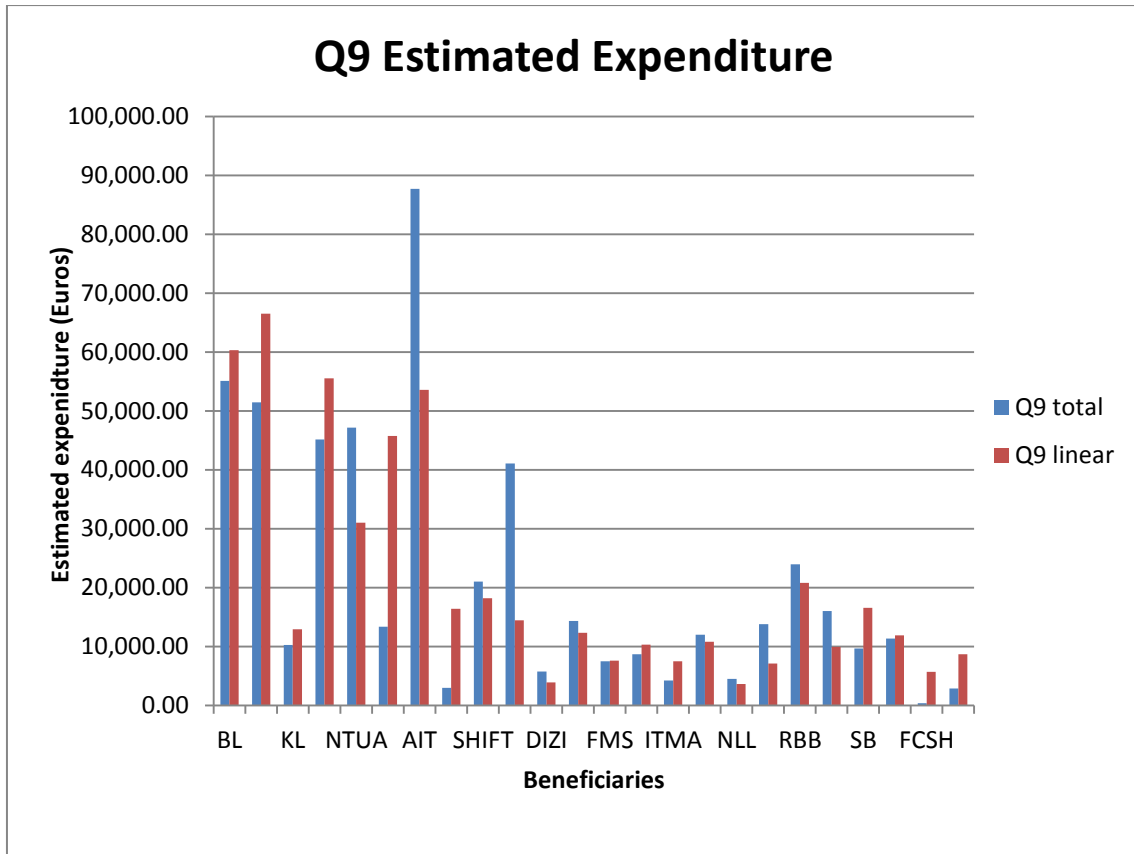
Figure 6: Q9 and Q10 Reported cost estimates against linear Q9 and Q10 projection

The two graphs above represent the reported cost estimates for Q9 and Q10 against the proposed linear projection. These show mixed results, with some partners exceeding their linear projections, and some partners below it. It is important to note that while these graphs show that some costs have been exceeded in a quarter, overall budgets have not been exceeded, as work carried out has not been linear. There has been a marked effort increase from AIT in both Q9 and Q10 which is reflected in the costs and this is due to their increased work and engagement within WP2.

Appendix A: Terminology

A project glossary is provided at: http://pro.europeana.eu/web/guest/glossary.

Additional terms are defined below:

Term	Definition
AB	Advisory Board
APEX	Archives Portal Europe network of excellence
API	Application Programming Interface
CMS	Content Management System
DOW	Description of Work (see EC-GA below)
EC-GA	Grant Agreement (including Annex I, the Description of Work) signed with the European Commission
IIIF	International Image Interoperability Framework
KPI	Key Performance Indicator
MIDI	Musical Instrument Digital Interface
MIMO	Musical Instrument Museums Online
MINT	Metadata Interoperability Platform
PMB	Project Management Board
TEL	The European Library
UAP	User Advisory Panel
W3C	World Wide Web Consortium
WP	Work Package

Appendix B: Difficulties encountered in WP1 (from MS6)

Issue 1: The British Library has transformed the metadata for 79,000 sounds and 36,000 images; therefore it has met its targets for the project as outlined in the DOW. However, some datasets cannot be published on Europeana immediately as they need to be made accessible to a worldwide audience.

Some traditional and folk music collections are still awaiting permission from their collectors (or estates thereof) for these to be accessible worldwide, rather than to UK Higher Education and Further Education communities only, as at present.

It is likely that the BL's collection of pre-1962 commercial recordings, comprising around 2,600 recordings, will be seen as infringing copyright if accessible within the US. For this reason, these recordings can only be streamed from within the European Union.

Action taken: The above datasets are transformed on MINT and will be published on Europeana when the content is freely accessible throughout the world. If the content cannot be made accessible worldwide, the BL will source alternative material.

Issue 2: In the Description of Work, CNRS had declared that 20,000 of its records that would be available for Europeana would need clearance in order to be accessed worldwide. These records cannot be made accessible worldwide due to rights restrictions. Therefore, there was the risk that CNRS could only supply a total of around 17,000 instead of 37,000 records.

Action taken: CNRS has been able to submit extra records between CNRS/CREM and CNRS/MMSH. In addition to this, other institutions (CNRS/CRESSON and CNRS/LARHRA) will be providing another 10,000. This would bring the total sounds submitted to 32,000 - which is 87% of the total as outlined in the DOW. As some other data providers are supplying more metadata than originally targeted, this would not jeopardise the KPIs of the project as a whole. The PMB agreed this new content was a reasonable substitution for the original.

Issue 3: FCSH has also encountered problems in sourcing worldwide accessible content. A large collection was considered to be suitable for publication on Europeana; however, it became apparent that due to rights restrictions this collection could not be made freely accessible worldwide.

Action taken: FCSH has been looking at other sources of recordings, including recordings from the Fado Museum. Around 6,400 audio items have now been transformed on MINT, which is encouraging progress. However, a further 33,500 audio items will need to be found; and, also, a further 2,500 non-audio items. Although FCSH believes it will make up the shortfall between month 30 and month 36, this matter is now being looked at carefully by the PMB and a decision will need to be taken on how best to proceed.

Issue 4: Although NISV has been able to deliver a large amount of extra audio to the project in addition to audio, video and images, it has been difficult to source the 4,000 texts the institution also committed to, due to an unresponsive external partner.

Action taken: These 4,000 texts represent 4% of NISV's entire contribution to the project. Over the remaining six months NISV will explore alternative sources if the current external partner is not able to provider this material.

Appendix C: Contributions from data providers

Partner	Work over last three months	Difficulties encountered	Work over next three months
BL	Exceeding MS6 targets for audio (79,000) and audio related (36,000) objects from metadata transformed on MINT	Some content needs permission from rightsholders for it to be accessible worldwide (see MS6)	Acquiring permission from rightsholders or, if necessary, sourcing additional content
NISV	In Q10 NISV worked on providing the remainder of the audio and non-audio collections in order to fulfil all the targets in the DoW. The following collections were mapped to EDM and published in MINT: 'The Sounds of the Netherlands' (Geluid van Nederland), which is a collection of field recordings. A collection of public domain radio programmes, which are published on the in.beeldengeluid.nl website A collection of 10,000 music and audio-related set photos, which are also published on the in.beeldengeluid.nl website. Besides these new collections, work continued on the etree datasets. In Q9 all preparations were done (see narrative report Q9). In Q10 the mappings were made and the sets published in MINT. With this publication we more than amply achieved the audio targets, by providing twice as many audio items as outlined in the DOW.	The main difficulty in Q10 was to provide the 4,000 text objects as outlined in the DoW. For these objects we were depended on an external partner (Musopen). Although this partner was committed when the project started, we were not able to establish communication with them at this point. This issue was discussed within the project and NISV will investigate alternative text collections after Q10, in order to comply with the original DoW targets (through another external partner).	In the next three months NISV will aim to provide the text objects, by investigating other possible partners and collections suitable for aggregation and with relevance to the Europeana Sound project. We will also provide updates of the audio datasets of NISV, whenever more audio items are made available online. Datasets already published will also be updated if any issues with metadata quality, duplication, etc. are found.
CNRS CREM	Data sets prepared to be published by July and after Progress on archives treatment : documentation,	Legal barriers to provide content in public access MINT: UTF 8 issue not yet solved (datasets normalized	To go on right clearance and archives treatment to go on aggregation after Set 3

	digitization, indexation, improvement of data quality, in order to prepare new datasets for Set 3 and after. Understanding UTF 8 issues in MINT (with assistance from external IT service) Discussing with BL on initial misunderstanding about CNRS-CREM target (issue previously expressed by June 2014 to the former WP1 leader) Working on right clearance with the CNRS legal department Finding external finances and preparing IT service for developing an OAI-PMH repository in EDMS to automatise aggregation process for the project	are missing characters, example Flûte became Flte) Hierarchical structure visualisation issue on Europeana portal	To establish the OAI repository and to test aggregation process in MINT (then unpublish the formers CSV files) To work on metadata quality To test video content aggregation (with a dedicated mapping to create in MINT) To add collection level to the CHO with related audio materials (booklets for published records and description cards for unpublished records that are not yet available online, so it implies to work on legal issues, database web services to disseminate these materials online and to create links with the audio materials). To assist new French partners to join the project : Maison des Cultures du Monde and LARHRA
CNRS MMSH	CNRS-MMSH put online more archives than expected in the DOW with 4 447 documents: 4,225 sounds, 179 Images, 43 Vidéos.	Hierarchical structure best practices on Europeana are outstanding and we don't know how to work efficiently. Actually, Europeana discards some of records because of the identical identifiers and the hierarchical structure disappeared between the 2nd and the 3rd level during the data ingestion process. It is a real shame to understand the context of the research and for the quality of our metadata.	500 more documents (sounds, images and video)
CNRS CRESSON	Administrative steps to integrate the project Work on establishing the	We have imported 22 collections, representing 753 sound recordings. One	To go on publication. We still plan to add 150 recordings.

	mapping First positive transformation with a test dataset First publication	specific collection could not be imported, the file was rejected. Each record is associated with a picture and geolocated. The problems we face are: - Pictures are not displayed for most of the recordings. - Map indicating the recording location is not displayed. - The hierarchy links between collection and recording is not displayed.	
CNRS LARHRA	Administrative steps to integrate the project Work on establishing the mapping by CREM First positive transformation with a test dataset by CREM Starting to include manually the Europeana Sounds classification	Adding automatically the Europeana Sounds classification	To be official partner Finalising adding the Europeana Sounds classification To get a MINT account Working on publishing LARHRA content
OEM	The last three months (May to July) we continued with cataloguing and improving the metadata of our recordings (both published and unpublished) and started preparing additional material for future publication, mainly with a focus on rights clearance. We also prepared a documentation of our mint-mapping-activities for internal use after the end of the project.	We already reached our project targets. No difficulties so far.	We plan to continue with the improvement of our metadata and will publish more recordings in autumn.
ICCU	ICCU has already provided and published on Europeana 83,122 items (83,122 audio ; 23,270 images), reaching and exceeding the objectives.	Unfortunately, at the end we decided don't develop the "Collection level" because we evaluated that in our case it wouldn't be useful for the final users. Anyway, we are satisfied because we believe that the data quality we have	We are currently verifying the correctness of the published records on Europeana.

		provided is good. We filled most of the specific fields of the EDM for sounds according to the requirements.	
FCSH	Addition of dataset from Fado Museum (c.5000 items) and other datasets, bringing total items to c.6500 from 204.	Still encountering problems sourcing content that can be worldwide accessible.	Working with WP1 lead, identifying further collections to bring total number of items aggregated to match target.