



Deployment and Maintenance of Europeana DSI core services - SMART 2016/1019

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1. Introduction

The second report follows up on the first period report (M2)¹ and describes the work carried out in Europeana DSI-3 from 1 November until 31 December 2017. It states activities with respect to all tasks described in the Tender, progress on KPIs, derivations and adjustments from the Tender, as well as major changes in staff (if applicable), and a risk registry. The report also includes an overview of the balance of efforts until the end of November 2017. At the end of the report a list on communications and dissemination activities (such as events, meetings and conferences attended along with online and offline publications) as well as on pre-existing rights to material used by Europeana DSI-3 participants during the time frame is attached.

The report describes the progress of Europeana DSI-3 against the strategic objectives as specified in the Tender. Its main objectives are:

- A. Discovery, use and engagement for users in defined target groups, against user feedback
- B. Optimise data and aggregation infrastructure
- C. Improve content distribution mechanisms
- D. Improve/widen distribution channels through partnerships
- E. Coordinate, sustain and grow the network of data partners and experts
- F. Maintain an international interoperable licensing framework
- G. Implement and develop new strategies, services and business models
- H. Make necessary dispositions to host the results of the Europeana Generic Services Projects

This chapter also states the progress on handover as part of the objectives under Europeana DSI-3

2. Executive Summary

- A. **Discovery, use and engagement for users in defined target groups, against user feedback** - work under this objective is on track, no major deviations. Highlights are:
 - a. 94% of users rated Europeana Collections 3/5 or higher (good or above). Europeana Collections received a Net Promoter Score of 51.

¹ Periodic report 1 (M2). Please view project documentation on the project page at <https://pro.europeana.eu/project/europeana-dsi-3>

- b. Two new online exhibitions published on 'Music and the Mechanics' and 'An Ecstasy of Beauty: Finnish Artists Travelling Beyond Europe 1882-1926', both exhibitions received excellent ratings.
 - c. EF has finalised the migration to a new hosting provider, IBM Cloud. This has increased stability for services (Collections portal, APIs, etc.), compared to the last hosting provider.
 - d. Progress was made on standardised training to help DSI-3 aggregators pass on core messages, knowledge and deliver higher quality data. Highlights include the increase of tier 3 and 4 material to 18% of the total against a target of at least 16% of the total by the end of 2017.
 - e. The reach of Europeana data on third party platforms (Wiki, DailyArt etc.) overperformed (November 2017: c. 128,5 million impressions; target December 2017: 125 million impressions).
 - f. The reach via EF's own social media channels is also performing much better than initial targeted (November 2017: c. 165 million impressions; target December 2017: 75 million impressions).
- B. Optimise data and aggregation infrastructure** - work has continued to agree a vision for aggregation in Europe and create some cost efficiency and clarity of roles. Implementation of change has started.
- C. Improve content distribution mechanisms** - Thematic collections continue to prove successful and work to increase participation via the transcriptions is progressing well. Stronger tie in of Europeana Fashion with core Collections would be beneficial to both content and traffic for EF and eFashion.
- a. The overall traffic to the site is behind target (November 2017: c. 3,5 million visits; target December 2017: c. 6 million visits). The decrease of the number of Europeana pages indexed by Google caused the decrease in traffic coming from organic searches through Google. EF took remedial actions such as diversification of the traffic sources, promotion of the curated parts of the page, and introduction of entities which will hopefully should stop traffic drop over time. First indications are positive.
 - b. Engagement on Europeana thematic collections is performing excellently with a high rate of returning visitors (November 2017: c. 34% returning visitors, average on all thematic collections; target December 2017: >30%).
- D. Improve/widen distribution channels through partnerships** - Good progress was made in all market areas and in particular the priority market of education. We exceeded our target number of educational partnership by establishing seven new partnerships (target December 2017 three partnerships). Highlights include:
- a. Education: active take up by the Portuguese Ministry of Education, on top of the work by France; strong partnerships with systems used by teachers both at the European and country levels and new partnerships with Benylu and EPALE commercial publishers are showing promise. The partnership with

- eTwinning which took many years to grow is now looking very strong with Europeana included at its conferences and in many activities.
- b. Distribution of our content towards end users (European Citizens) also prospered with strong social media relationships (e.g. Giphy) as well as via major platforms such as Wikimedia.
 - c. Research: the research grants call for proposals closed in November with 56 proposals from over 21 countries and 45 different research institutions. The winners have been announced in December 2017².
 - d. In regard to new products and services inspired by or developed with Europeana content in the Creative Industries market, we are also over-performing with 27 new products/services established (target December 2017 20 new products/services).
- E. Coordinate, sustain and grow the network of data partners and expert** - The Europeana Network Association continues to flourish with a dedicated Management Board and renewed Members Council. Eight new councillors were elected from a pool of 26 candidates. Highlights include:
- a. AGM in Milan with 202 attendees.
 - b. Europeana Network Association continues to thrive, before cleaning up of the members registered, there were 1967 individual members, so far 1382 members confirmed their membership, we expect to get close to the 1800 targeted for 2017.
- F. Maintain an international interoperable licensing framework** - the review of the DEA has commenced and Rightsstatements.org continues to grow with a new paying member and translations of the statements into several languages ready for deployment.
- G. Implement and develop new strategies, services and business models** - Business Plan 2018, as the next operational plan for Europeana Strategy 2020, is under development in cooperation with the aggregators, data partners and the Europeana Network Association. A real highlight of this period has been the launch of the Impact Playbook: Impact landing page visited over 4,500 times, the video viewed over 1,300 times and the Playbook has been downloaded 1,450 times. Visitors from 58 countries around the world.
- H. Make necessary dispositions to host the results of the Europeana Generic Services Projects** - Good progress has been made with each of the three generic services projects, including the launch of Europeana Migration Collection and the set of a query for a Manuscript collection.

² Meet the winners of the Europeana Research Grants Programme 2017. View at <https://pro.europeana.eu/post/these-are-the-winners-of-the-europeana-research-grants-programme-2017>

3. Progress against objectives

A. Discovery, use and engagement for users in defined target groups, against user feedback

Market approach

The revised Europeana 2020 Strategy³ positions Europeana to operate in five target groups (markets):

1. Cultural Heritage Institutions,
2. European Citizens,
3. Education,
4. Academic Research,
5. Creative Industries.

Each market has a user interface: Europeana Collections⁴ and Europeana thematic collections⁵ for European Citizens; Europeana Pro⁶ for Cultural Heritage Institutions (CHIs); Europeana Labs⁷ (as part of Europeana Pro) for Creative Industries; Europeana Research⁸ (as part of Europeana Pro) for Academic Research; and Europeana Education⁹ (as part of Europeana Pro) for Education.

Products and platform development and maintenance

Europeana DSI-3 operates, maintains and further develops the Europeana Platform and its products, the Europeana metadata repository, Europeana APIs, Europeana Collections and Europeana thematic collections, as well as Europeana Pro.

Product Roadmap

Each product has a development roadmap. All product roadmaps are prioritised based on the strategic goals set out in the Tender. These are the further development of Metis, the development of the new thematic collection Europeana Newspapers and Search Engine Optimization (SEO). The current roadmap can be viewed following the link in the footnote¹⁰. (Tender, task 1.1 Product Roadmap agreement on prioritisation and re-prioritisation)

³ Europeana Strategy 2015-2020. View at <http://strategy2020.europeana.eu/update/>

⁴ Europeana Collections. View at <https://www.europeana.eu/portal/en>

⁵ Europeana thematic collections. View at <https://pro.europeana.eu/services/discovery/thematic-collections>

⁶ Europeana Pro. View at <https://pro.europeana.eu/>

⁷ Europeana Labs. View at <https://pro.europeana.eu/what-we-do/creative-industries>

⁸ Europeana Research. View at <https://pro.europeana.eu/what-we-do/academic-research>

⁹ Europeana Education. View at <https://pro.europeana.eu/what-we-do/education>

¹⁰ Europeana product roadmap. View at https://docs.google.com/spreadsheets/d/15vCztlf0qH8hjNSIMzhxI9GiuSBO_twE8ZUxjYU4R8/edit?usp=sharing

To maintain and develop the Europeana platform EF maintains several product teams. All product teams are working with the planning tool Jira to which access is made available to Commission experts. All backlogs are groomed and prioritized in Jira. The epics/user stories¹¹ created for the next release (time) are estimated. We are working on a full set of epics/user stories for all releases under Europeana DSI-3 for a more accurate roadmap. (Tender, task 1.2. Maintenance of the backlog)

Europeana Collections¹² and Europeana thematic collections¹³

EF looks to improve performance and user experience (UX), refine and optimise features (e.g. search, entity browse, item display) and components (e.g. galleries, user content contributions) of Europeana Collections and thematic collections. (Tender, task 1.8. Maintenance of Scrum teams to deliver the product roadmap, task 3.2.1 Publish Europeana Collections for end-users)

Since November, Europeana Collections is again available via secure HTTP connection which improves user confidence and search ranking as well as removing the possibility of a 'Not Secure' browser warning. EF also improved the gallery functionality¹⁴ and increased the content displayed in galleries. Previously, galleries could only display images, and can now display texts (i.e. scanned pages of manuscripts, diaries, letters and other text-based documents).


EF is working on a redesign of the item page against user feedback which will be released in January 2018. We are also wrapping up work on the user generated content (UGC) functionality that will allow us to collect content in the context of our campaign related to migration. Sitemaps for Entity pages on Europeana Collections have been developed, leading to improved search engine indexing. Entity pages are landing pages that combine metadata about agents and concepts with directly associated objects in Europeana, which create unique browsing experiences. These pages are accessed through links on object pages and indexed through Google via a crawl. The intention is to improve navigation to these pages via entities browse.

¹¹ An epic is the description of a request for new software development at a high level of abstraction analogous to a user stories (i.e. as a user, I know when audio content isn't supported in safari, so that I know to use another browser). In the so-called story decomposition, an epic is broken down into several tasks to a lower level of abstraction with more details and information (i.e. tasks) so that it can be implemented by the development team.

¹² Europeana Collections. View at <https://www.europeana.eu/portal/en>

¹³ Europeana thematic collections. View at <https://pro.europeana.eu/services/discovery/thematic-collections>

¹⁴ Europeana Galleries. View at <https://www.europeana.eu/portal/en/explore/galleries>


[Collections](#) [Explore](#) [Exhibitions](#) [Blog](#)


[OUR SITES](#) [LANGUAGE](#)

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Johannes Vermeer

BIRTH	DEATH
1632-10-31 Delft, Dutch Republic	1675-12-15 Delft, Dutch Republic


Items by Johannes Vermeer




Gezicht op huizen in Delft, be...
Johannes Vermeer



Keukenmeid met tobbe
Johannes Vermeer



Het melkmeisje
Johannes Vermeer



Resource obtained from Wikimedia Commons

Johannes, Jan or Johan Vermeer (Dutch: [joˈɦones jan verˈmeːr]; 1632 – December 1675) was a Dutch painter who specialized in domestic interior scenes of middle-class life. Vermeer was a moderately successful provincial genre painter in his lifetime. He seems never to have been particularly wealthy, leaving his wife and children in debt at his

Example: Entity page on Johannes Vermeer¹⁵

Europeana Newspapers

EF and INESC-ID started work on the upcoming thematic collection Europeana Newspapers, expected to be released the first quarter of 2018. Work focused on domain-specific modeling and input for API specification (such as requirements, specifications and data modeling). Previous Research & Development (R&D) work is being discussed and evaluated. There have been some investigations on the modeling, storage, indexing and output looking in particular at IIIF requirements. As a result, an update was needed to The European Library (TEL) metadata to refer to the actual media (being delivered from Europeana Cloud as IIIF content) which is presently still being linked to the TEL portal. This involved collecting the TEL metadata for all datasets and converting them, to be updated in Europeana. On the API side, we have started to develop the methods for delivering the IIIF manifests which will already allow Europeana Collections to display the Newspapers. Developing support for full text will take the remaining months of the project.

Europeana Pro (including Europeana Education, Europeana Research, Europeana Labs)

EF maintains Europeana Pro as the principal access point for our reuser markets (Education, Academic Research, Creative Industries) and CHI's. (Tender, task 1.8. Maintenance of Scrum teams to deliver the product roadmap)

¹⁵ Example: Entity page on Johannes Vermeer. View at <https://www.europeana.eu/portal/en/explore/people/60404-johannes-vermeer.html>

In November/December, EF fixed some bugs on Europeana Pro related to the newsletter subscription functionality, design inconsistencies, redirects, and editorial interface issues.

APIs development and maintenance

In Europeana DSI-1/DSI-2, EF developed 2 new API endpoints, namely Entities and Annotations. Focus in Europeana DSI-3 is to refine, optimise (usability, performance, resilience) and stabilise the existing API endpoints and the technical operations and management of all APIs as well as their documentation. (Tender, ask 1.8. Maintenance of Scrum teams to deliver the product roadmap)

EF migrated all APIs to IBM Cloud. As part of this migration, we dedicated effort to stabilizing and monitoring of the APIs, such as the OAI-PMH service which is now running together with all others and following production level requirements. With regards to new developments, we have improved Annotations API with expanded support for other types of annotations and integrated it with the new API key service which makes it possible to have usage statistics for this service as well.

Product testing and analysis of user feedback

EF tested products against user expectations and needs using methods such as satisfaction surveys, log analysis ect. (Tender, task 1.3. Product testing; task 3.2.4 Analysis of results and user feedback). Over the past months we worked on improving our user feedback loop. All our user research activities will be listed and described in more detail in the upcoming deliverables C.2 Usage pattern report (M4), C.3 Data access pattern report (M4) and C.5 Reports on suggestions for improvements received (M5).

To measure user feedback, EF measures Net Promoter Score (NPS) of Europeana Collections quarterly, as well as exhibitions individually as these are published. A NPS is calculated based on responses to a single question: *How likely is it that you would recommend our company/product/service to a friend or colleague?* A NPS that is positive (e.g. higher than zero) is felt to be good while an NPS of +50 is excellent¹⁶.

In November, a user satisfaction survey was completed with 94% of users rated Europeana Collections 3/5 or higher (good or above). Europeana Collections received a Net Promoter Score of 51. These excellent results are, however, based on around 100 responses, which is a lower response rate than usual user satisfaction surveys (around 25% of usual response). We are monitoring why the response rate for this occasion was lower to ensure it increases for later surveys.

¹⁶ Net Promoter. View at https://en.wikipedia.org/wiki/Net_Promoter

Net Promoter Scores (NPSs) are measured for every new online exhibition until it reaches 100 responses. EF published two new online exhibitions ('Music and the Mechanics'¹⁷, published November 2017, and 'An Ecstasy of Beauty: Finnish Artists Travelling Beyond Europe 1882-1926'¹⁸, published December 2017). So far, both exhibitions received an excellent rating:

Online exhibition	Net Promoter Score (December 2017)	Number of respondents (December 2017)
Music and the Mechanics	50	86
An Ecstasy of Beauty	56	32

Research and Development of entity based and log analyses based search technologies

EF and USFD investigated the development of new search technologies with the aim: (A) to improve querying within specific Europeana Collections; (B) to get logs into queryable form for benchmarking and reporting; (C) to Log Entity Collection searches to be able to track usage of entities from the Collection and to rank position of entities selected from the autosuggest entities list; and to re-define query strategy for Entity Collection; (D) to build a query testbed for Learning-To-Rank (LTR); and (E) Evaluation of knowledge graphs in Europeana (Tender, task 1.5. Research and Development of entity based and log analyses based search technologies) The results are:

- (A) Improvement and monitoring of search, had a focus on **improving querying within specific Europeana Collections**. A document¹⁹ addressing one aspect of this problem was finalized recently. The review and identification of a solution from the options was completed and implementation is being tested. Re-defining query strategy for Entity Collection (i.e. how to use entities' URIs and labels in searches mediated by the Entity Collection) has been the subject of initial discussions between the API and Collections team.
- (B) **Getting logs into queryable form for benchmarking and reporting**. We now collect relevant information for search tuning and usage monitoring. Some further enhancements can be made (for example, IP logging for better session identification), but the crucially needed data is now included.
- (C) **Logging of Entity Collection searches**. We worked on three aspects of Entity API logging: (1) Tracking usage of entities from the Collection: in principle this work is

¹⁷ Exhibition on Music and the Exhibition on Mechanics. View at <https://www.europeana.eu/portal/en/exhibitions/music-and-mechanics>

¹⁸ Exhibition on An Ecstasy of Beauty: Finnish Artists Travelling Beyond Europe 1882-1926. View at <https://www.europeana.eu/portal/en/exhibitions/an-ecstasy-of-beauty>

¹⁹ Collections Aliasing. View at <https://docs.google.com/document/d/14jXTHaGSzkcPkarhA2xbGQkudb8XznHplgZuKLWyEII>

completed, Entity searches will necessarily have a distinctive form that can be tracked using our existing logging framework. Discussions are currently underway with the Collections team on what this form should be. (2) Tracking rank position of entities selected from the autosuggest entities list. A query-manipulation strategy combining client-side and server-side approaches as outlined in the Entity Collection Logging document²⁰ was confirmed as simple to implement by the Collections team.

- (D) **Build a query testbed for Learning-To-Rank.** Work on an initial testbed for Learning-To-Rank (LTR) and reporting purposes was completed in line with current testing methodologies. In 2018, an improved testbed with human-created annotations will be developed in line with recommendations²¹ from USFD completed in Europeana DSI-2.
- (E) **Evaluation of knowledge graphs in Europeana.** We have reviewed existing literatures on the use of knowledge graphs (i.e. the Entity Collection) to support users in their search and exploratory tasks. A set of recommendations have been proposed to evaluate the quality of Entity Collection and the features it supports (i.e. the auto-complete features and the entity cards). A document was created to report this work and is currently under review.

Maintain, improve and extend the Europeana Data Model

EF and INESC-ID worked to match the needs for the Entity Collection, Semantic enrichment and the results of the Data Quality Committee to help providers deliver better data. (Tender, task 1.6. Maintain, improve and extend the Europeana Data Model based on community input and product development needs)

In November, EF published the EDM MOOC²² on Europeana Pro. The aim of this course is for new users to understand why we developed the Europeana Data Model (EDM), how it works, how to create EDM records from MARC21 records, and what's best practice in creating EDM mappings. This was promoted on Europeana Pro²³.

In November/December, EF coordinated the Data Quality Committee in regard to the inventory and the creation of recommendations for representing events in EDM, adding to Europeana data that can drastically improve the discoverability of some collections. In December, EF also presented the work for publishing Europeana metadata using Schema.org at the conference "Semantic Web in Libraries" (SWIB)²⁴, where it was confirmed that there is interest for such web-interoperability work. EF and INESC-ID also started the

²⁰ Entity Collection Logging. View at <https://docs.google.com/document/d/1dBaTsg7sAWj4dwellMgf1S3C-0zOoVTV0HIQvFLrNM8/edit#heading=h.eg2bw2oglbzo>

²¹ Search improvement report. View at https://pro.europeana.eu/files/Europeana_Professional/Projects/Project_list/Europeana_DSI-2/Deliverables/d6_3-search-improvement-report.pdf

²² EDM MOOC. View at <https://pro.europeana.eu/page/edm-mooc-introduction>

²³ Blog on Introducing the Europeana Data Model online course on data aggregation. View on <https://pro.europeana.eu/post/introducing-the-europeana-data-model-online-course-on-data-aggregation>

²⁴ Semantic Web in Libraries" (SWIB). View at <http://swib.org/swib17/>

work on modeling for newspapers and full-text, contributing to the development of Europeana Newspapers (see above).

Europeana Infrastructure

EF has finalised the migration to a new hosting provider, IBM Cloud. Upon this successful migration we are experiencing increased stability of migrated services (collections portal, APIs, etc), compared to the last hosting provider. This increased stability, has improved efficiency of System administrators and developers to have more time to focus on their work instead of attending to infrastructural problems. System administrators have now more time to support developers in monitoring the performance and behaviour of services. Next step is to consolidate multiple data centers in use to improve monitoring and managing of the infrastructure.

To improve performance and also gain cost efficiency, EF investigates the migration to its new hosting provider for all available data. An example is migrating Thumbnails to IBM cloud object storage. (Tender, task 1.8. Maintenance of Scrum teams to deliver the product roadmap)

Europeana Cloud Infrastructure and IIF Image service

In November/December, PSNC undertook database modelling improvements of the Europeana Cloud Infrastructure and implemented several changes. These changes include the migration between database schemas in test and production environment, release of the newest version of the code, the OAI-PMH harvester changes in reporting, progress monitoring, error handling, and attempts to integrate with Metis.

B. Optimise data and aggregation infrastructure

EF and PSNC worked on the improvement of aggregation technologies to optimise the aggregation infrastructure. Europeana DSI-3 aggregating partners (2Culture, ACE, AIT-Graz, APEF, AthenaRC, BL, DIF, eFashion, MCA, NISV, NTUA, Photocons) continued to improve systems and processes that bring in the content (i.e. development of the expert hub strategies) to get higher quality content uploaded. EF and aggregating partners also worked on improving content and metadata quality (i.e. by implementing the Europeana Content Strategy²⁵ and Europeana Publishing Framework²⁶).

²⁵ Europeana Content Strategy. View at <https://pro.europeana.eu/post/europeana-content-strategy>

²⁶ Europeana Publishing Framework. View at <https://pro.europeana.eu/post/publishing-framework>

Enhancing the data and aggregation infrastructure

Aggregation and data acquisition technologies

EF and PSNC maintain and improve the data ingestion and management services to enable data partners and cultural heritage institutions to provide metadata of cultural heritage objects to Europeana. EF and PSNC started to introduce a new aggregation service, for greater automation of data publication flows and incremental harvesting and publication. (Tender, task 1.7. Improve the aggregation tools, task 1.8. Maintenance of Scrum teams to deliver the product roadmap)

In September/October, EF completed the design for a revised architecture of our aggregation landscape. This new version aims to serve our data providers in an easier and faster way. A new definition for a Minimum Viable Product (MVP) of the proposed ingestion system 'Metis' was finalised in September/October and planning for development started. EF and PSNC worked (following an agile process) on the objectives set for Metis as a MVP. Each sprint, we improved our architectural decisions to create a more simplified, and maintainable aggregation tool. For example, combining two previously stand-alone services of Enrichment and Dereferencing into a single service, to achieve simpler modularity of services.

In November/December, the front end of Metis was updated to the Angular IO framework²⁷, which is widely used in the industry and backed up by a wide community. The change was motivated by the need to make front-end development more independent from the back-end development. Angular IO has proven to be a suitable choice and is being further implemented in Metis front end development. We reviewed the front-end designs and are implementing them progressively, modules per modules. The user interface is now completed for the user registration and profile. The work is ongoing for the development of the dataset and overview dashboards as the main pages from where a user will trigger and monitor the process.

We completed the Metis orchestration, handling the management of workflows within the application. This will be followed by its integration into the front-end. We also implemented the management of users and work started on the management of datasets within Metis (creation of datasets, management of unique dataset identifiers). The work on the OAI-PMH and http import services is ongoing. It consists not only in the development of the data import functions but also provides all the monitoring functionalities required by the MVP (logs, errors reports).

The code of several Metis microservices was reviewed and documentation was created. These services (validation, enrichment, dereferencing, itemisation) are now being

²⁷ Angular IO framework. View at <https://angular.io/>

implemented in the Europeana Cloud Infrastructure. Some of these services required a refactoring of the code for better implementation. This extra work will make the service more robust but has also implications on the planning.

Research and Development of innovative aggregation and data acquisition technologies

EF and INESC-ID worked on new channels for discovering and harvesting the (contextual) metadata Europeana needs to ingest (i.e. harvesting metadata through web sites such as ResourceSync²⁸ or Schema.org²⁹ markup and content publication channels IIF or APIs). (Tender, task 1.4 Research and Development of innovative aggregation and data acquisition technologies)

Research into how to apply the IIF-technology progressed (a collaboration between EF and the IIF community). IIF's Discovery Technical Working Group³⁰ (Discovery TWG, co-chaired by EF) followed-up with the Europeana use-case for discovery of IIF resources and formalized the definition of an experiment for harvesting/indexing in that context. This was accompanied by technical investigations related to the key technologies currently under discussion within the Discovery TWG. The first practical experimentation with the ActivityStream³¹ solution was carried out with NCSU Libraries³² and Digirati³³. This was accompanied by technical investigations related to Activity Streams. A paper has been submitted to the special issue on Evaluation of Digital Cultural Resources of the ACM Journal on Computing and Cultural Heritage³⁴.

Aggregation model

EF and 2Culture, ACE, AIT-Graz, APEF, AthenaRC, BL, DIF, eFashion, MCA, NISV, NTUA, Photocons, and PSNC continued improving the aggregation model (Tender, task 2.2 Improve the aggregation model). The draft white paper 'A new landscape for Aggregation' developed under Europeana DSI-2, was the main topic at the last Aggregator Forum meeting in Zagreb (2-3 November 2017). Feedback from all aggregating partners was collected and work done on implementing it's recommendations. The Future Access to Cultural Heritage Task Force (incl. EF, eFashion, MCA, DNB, PSNC representatives) is now revising the white paper in the light of the feedback received from the aggregator forum. (Tender, task 2.2. Improve the aggregation model)

²⁸ ResourceSync Framework Specification. View at <http://www.openarchives.org/rs/toc>

²⁹ Schema.org. View at <http://schema.org/>

³⁰ IIF Discovery Technical Specification Group. View at <http://iif.io/community/groups/discovery/>

³¹ ActivityStream. View at <https://www.activitystream.com/>

³² NCSU Libraries. View at <https://www.lib.ncsu.edu/>

³³ Digirati. View at <https://digirati.com/>

³⁴ ACM Journal on Computing and Cultural Heritage. View at <http://jocch.acm.org/evaluation.cfm>

Helpdesk services and expert hubs

EF and aggregation partners (2Culture, ACE, AIT-Graz, APEF, AthenaRC, BL, DIF, eFashion, MCA, NISV, NTUA, Photocons) continued to develop expert hub strategies to provide greater individual and domain specific support for CHIs (Tender, task 2.3 Greater individual and domain specific support; task 2.3.1 Individual and domain specific support for cultural institutions).

Updates and maintenance work was done on helpdesk services and expert hub websites to ensure institutions have access to up to date information and guidelines (eFashion, EUscreen, MCA). In addition, CHIs and other partners received individual support from the aggregators involved in this task (i.e. Deutsches Archäologisches Institut received one-to-one support about EDM mapping for ARACHNE data from 2Culture). A full list of activities so far performed in regard to helpdesk and expertise under the project is provided in [Annex I: Helpdesk services and expert hubs](#).

Training the trainers

EF worked on a concept for a standardised training programme to raise awareness and build capacity within cultural institutions on the benefits and challenges of opening up their collections of cultural heritage online. The training includes advocating the benefits of publishing open, good quality cultural heritage content online on Europeana. A major part of the training is on Intellectual Property Rights (IPR). (Tender, task 2.6 Training the trainers)

A first concept developed by EF was introduced at the Aggregator Forum meeting in Zagreb (November 2017), where all aggregating partners (2Culture, ACE, AIT-Graz, APEF, AthenaRC, BL, DIF, eFashion, MCA, NISV, NTUA, Photocons, PSNC) were represented. A task force was created to further develop the training programme, for use by all DSI-3 Aggregators and for the national workshops of Member States. Representatives from eFashion, BL, MCA, ACE, APEF, Photocons, and AIT-Graz are all members of the task force, which is chaired by a representative from NISV.

Improving metadata and content quality

EF maintains a team dedicated to updating and ingesting data into the platform, and advising consortium partners, national aggregators and other direct contributors. (Tender, task 2.1 Ingestion of content)

Compared to the start of Europeana DSI-3 (1 September 2017), Europeana currently provides access to about 2,5 million items less in Europeana Collections (August 2017: 53,629,175 items; 8 December 2017: 51,093,004). This reduction is due to clean-up work in the database such as the removal of collections with broken links (e.g. the entire contribution of the Europhoto project with ~800,000 records). Some of the removal is

temporary, e.g. before updating a large dataset from MUSEU we first had to deactivate the set (another ~800,000 records).

By the end of the project (August 2018) we aim to have 21% of all content in tier 3 or 4 quality. Currently (December 2017), about 18% of the total complies to tier 3 and 4.

In November/December, EF published important updates. 10,000 artworks from the Finnish National Gallery (via the Finnish national aggregator) were updated and upgraded with larger images. Also some other national aggregators provided updates during the last two month, i.e. national aggregators from Austria, Hungary, Lithuania, Poland, and Sweden. In addition, EF published datasets recently updated by partners APEF, CARARE, BL (Europeana Sounds), and MCA on Europeana Collections. All recently published collections (updates and new collections) can be viewed on Europeana Collections.³⁵

Together with the aggregating partners (2Culture, ACE, AIT-Graz, APEF, AthenaRC, BL, DIF, eFashion, MCA, NISV, NTUA, Photocons) EF worked on data quality improvements (Tender, task 2.3.2 Data quality improvement). In the last months, data quality plans were developed with all partners for implementation with both their current and new content providers. An important part of the data quality planning is the evaluation of legacy data to identify areas of improvement. Some data quality plans are finalised (eFashion, BL, NISV) while others will be agreed on shortly. A detailed overview on the progress of implementation so far is provided in [Annex II: Data quality improvements](#).

Europeana Data Model (EDM) and vocabularies

The object type vocabulary³⁶ is now ready to use, to gradually replace text strings for recurring terms in metadata by URIs from controlled vocabularies.

In September/October, eFashion started a collaboration with volunteers for Wikidata mapping of the specific eFashion controlled vocabularies. eFashion also started a collaboration with Getty Institute for the addition of the eFashion multilingual additional concepts to the AAT and is about to finalise an agreement with the Getty Institute.

In November/December, two Europeana data partners have adopted EDM and submitted data in EDM to Europeana: Museo Thyssen-Bornemisza and Kulturpool. In the case of Kulturpool, the colleagues updated their data and mappings to output EDM instead of ESE, with significant support from EF. Receiving data in EDM instead of ESE or any other schema helps to provide richer data, hence contributes to improving data quality.

³⁵ What's new? - Europeana Collections. View at <https://www.europeana.eu/portal/en/explore/newcontent.html>

³⁶ Object type vocabulary. View at <https://docs.google.com/spreadsheets/d/1kqazJP74zNcsRmLsQgxoxqctQz8hMDdBChVSwHBwRzM/edit?usp=sharing>

Europeana Publishing Framework³⁷ and Publishing Guide³⁸

EF updated the Europeana Publishing Framework (EPF) and Publishing Guide to clarify technical requirements for material to be ingested to Europeana. (Tender, task 2.5 Update the Europeana Publishing Framework)

Having published an update of the Europeana Publishing Guide in September 2017, EF has started the process of introducing a metadata quality component to the EPF as the tiers are currently based solely on the presence and licensing of media. A brief was created for the Data Quality Committee (DQC) with first actions to be completed by mid January 2018.

Europeana's content strategy³⁹

With an emphasis on quality over quantity, EF together with expert hubs and aggregators, identified new collections of high quality and partners for publication in Europeana to support the current thematic collections (Art, Fashion, Photography, 1914-1918, Music) and upcoming themes (Migration, Rise of literacy, Byzantine Art). (Tender, task 2.4 Implement Europeana's content strategy)

In October, EF established an internal cross team collaboration to improve outreach and collaboration with institutions contributing to thematic collections. A detailed overview of activities performed by aggregating partners so far can be found in [Annex III: Implementation of content strategy](#) (i.e. in November/December, MCA worked on identifying potential providers of content for the upcoming Migration Collection).

C. Improve content distribution mechanisms

EF worked on improving content distribution mechanisms by enhancing access to data and tools that enable content reuse (i.e. integration of the Europeana API on external platforms). EF, F&F, eFashion, BL, Photocons, and SPK curated and marketed services (i.e. Europeana thematic collections) to our end-users (European Citizen market) to engage our audiences and to promote reuse of high quality content.

Improving access to data and tools that enable content reuse

Since January 2017, EF has collected monthly usage statistics for the Europeana REST API. From these statistics we derived two metrics: 1) Number of API keys that exceeded the average of 5 calls a day; 2) Number of API keys that were active for more than 5 days in each month.

³⁷ Europeana Publishing Framework. View at <https://pro.europeana.eu/post/publishing-framework>

³⁸ Europeana Publishing Guide. View at <https://pro.europeana.eu/post/publication-policy>

³⁹ Europeana Content Strategy. View at <https://pro.europeana.eu/post/europeana-content-strategy>

Period	Number of API keys that...	
	exceeded the average of 5 calls a day	were active for more than 5 days in each month
September	75	83
October	76	74
November	Not available (due to technical problems resulting from the migration to the new hosting provider)	

Curation and Marketing of Europeana content to end-users

EF makes use of social media to share cultural heritage material with end-users (European citizens market). Ongoing social media activities reflected key tactics such as tapping into wider social conversations and themes for resonance and reach (i.e. following popular hashtags on Twitter such as #LoveTheatreDay). Latest posts can be seen on Europeana’s Facebook⁴⁰, Twitter⁴¹, and Pinterest⁴² accounts. Below is a short overview, illustrating the increase of social media followers on these channels.

Social Media channel	July 2017	October 2017	December 2017
Facebook	101,6K fans	104,3K fans	104,8K fans
Twitter	29,1K followers	29,9K followers	30,6K followers
Pinterest	11,1K followers	11,4K followers	11,5K followers

Activities that aimed to curate and market Europeana content to end-users included:

- Monthly newsletter⁴³ in two languages (French, English) reaching about 52,000 subscribers (i.e. November 2017 newsletter⁴⁴);
- Monthly, cover image voting while the winning artwork was shown for one month as banner image on social media and Europeana Collections;
- Regular posts on Twitter with content relevant to popular and trending hashtags (i.e. #BackToSchool, #ReadABookDay, #GalleryOfTheWeek);

⁴⁰ Europeana on Facebook. View at <https://www.facebook.com/Europeana/>
⁴¹ Europeana on Twitter. View at <https://twitter.com/Europeanaeu>
⁴² Europeana on Pinterest. View at <https://nl.pinterest.com/europeana/pins/>
⁴³ Europeana newsletters. View at <http://us3.campaign-archive.com/home/?u=ad318b7566f97ecc895e014e&id=1d4f51a117>
⁴⁴ November 2017 newsletter. View at <https://us3.campaign-archive.com/?u=ad318b7566f97ecc895e014e&id=b8a0315d44>

- Regular blog posts on user engagement campaigns (i.e. Winners of GIFITUP 2017⁴⁵), to raise awareness of high quality content published in Europeana, or other themes (i.e. World day of Audio Visual Heritage⁴⁶). All blogs can be viewed on Europeana⁴⁷ (since the project start we published 16 blogs).
- Regular galleries published to highlight and promote content from Europeana Collections and thematic collections (i.e. Land of hope and glory: autumnal bliss in the French countryside⁴⁸). All galleries can be viewed on Europeana⁴⁹ (since the project start we published 12 galleries).

In December, a Europeana Advent Calendar⁵⁰ was created featuring and sharing a daily festive piece of cultural heritage content. The launch was communicated on Facebook and Twitter. During the first week, the calendar received over 3,300 visits.

Europeana thematic collections

EF and F&F, eFashion, BL, Photocons, SPK publish Europeana thematic collections (Tender, task 3.2.2 Publish Europeana thematic collections). A physical meeting with EF thematic collection managers and Europeana DSI-3 partners that curate thematic collections will take place in The Hague, in January 2018. This one-day event will focus on partnerships, curation of the thematic collections, and evaluate activities in the wider context of Europeana Collections. (Tender, task 3.2.3 Europeana thematic collections forum)

EF (Europeana Art) and partners F&F (Europeana 1914-1918), eFashion (Europeana Fashion), BL (Europeana Music), and Photocons (Europeana Photography) updated and curated their respective thematic collections for end-users to facilitate content discovery and user engagement. (Tender, task 3.2.2 Publish Europeana thematic collections) EF also promoted activities via Europeana's general social media channels as well as on dedicated channels for 1914-1918, Fashion, Music and Newspapers. A detailed description of activities performed related to each thematic collection can be found below.

Europeana Art⁵¹ (EF)

- In December, a major new art exhibition 'An Ecstasy of Beauty: Finnish Artists Travelling Beyond Europe 1882-1926'⁵² was published. Available in English and in Finnish and created in close cooperation with Finnish National Gallery, the

⁴⁵ Winners of GIF IT UP 2017. View at <http://blog.europeana.eu/2017/11/winners-of-gif-it-up-2017/>

⁴⁶ World day of Audio Visual Heritage. View at <http://blog.europeana.eu/2017/10/small-screen-smiles-for-world-day-for-audiovisual-heritage/>

⁴⁷ Europeana blogs. View at <http://blog.europeana.eu/>

⁴⁸ Gallery on Land of hope and glory: autumnal bliss in the French countryside. View at: <https://www.europeana.eu/portal/en/explore/galleries/land-of-hope-and-glory-autumnal-bliss-in-the-french-country>

⁴⁹ Europeana galleries. View at <https://www.europeana.eu/portal/en/explore/galleries>

⁵⁰ Europeana Advent Calendar. View at <http://woobox.com/3dggfcd>

⁵¹ Europeana Art. View at <https://www.europeana.eu/portal/en/collections/art>

⁵² An Ecstasy of Beauty: Finnish Artists Travelling Beyond Europe 1882-1926. View at <https://www.europeana.eu/portal/en/exhibitions/an-ecstasy-of-beauty#>

exhibition traces the journeys of Finnish artists from the 1880s to the 1930s, across north Africa and the Middle East to New York and New Mexico. The exhibition will be accompanied by new galleries on several Finnish artists.

- New galleries (i.e. Treasures of the Mauritshuis⁵³) on Europeana Collections.⁵⁴ Since the start of Europeana DSI-3 EF published 5 galleries featuring Europeana Art.
- Regular blog posts i.e. The Mauritshuis arrives in Europeana⁵⁵.
- Publishing of new hero image for the Europeana Art homepage every month.

EF promoted Europeana Art activities on the Europeana Collections page, on Europeana Art and through EF’s social media channels (Facebook, Twitter).

Europeana 1914-1918⁵⁶ (EF and F&F)

- New galleries i.e. Take to the skies!⁵⁷. All Europeana 1914-1918 galleries can also be viewed on Europeana Collections.⁵⁸
- Blog posts such as the story of Marin Gogoloi: a ‘Wiki-Europeana’ odyssey of a World War I soldier⁵⁹.
- Monthly, new hero image.

EF and F&F started research and conception of the new online exhibition “Art & WW1” (working title), highlighting content from two thematic collections (Europeana Art & 1914-1918) to be published in 2018.

EF and F&F updated the roadmap for activities and events for 2018, including an inventory of possible partners and specific WW1 events to liaise with (collection days, Transcribathons). EF is also developing a marketing campaign to promote use and re-use of Transcribathon.eu⁶⁰ for three different audiences (individual users, education professionals and cultural heritage institutions) including promotional videos⁶¹. Some metrics related to Transcribathon.eu can be found below.

Metrics	December 2017
Documents (pages available to be transcribed)	30,406

⁵³ Gallery on Treasures of the Mauritshuis. View at

<https://www.europeana.eu/portal/nl/explore/galleries/treasures-of-the-mauritshuis>

⁵⁴ Europeana Art galleries. View at <https://www.europeana.eu/portal/en/explore/galleries?theme=art>

⁵⁵ The Mauritshuis arrives in Europeana. View at

<http://blog.europeana.eu/2017/09/the-mauritshuis-arrives-in-europeana/>

⁵⁶ Europeana 1914-1918. View at <http://www.europeana.eu/portal/en/collections/world-war-i>

⁵⁷ Gallery on Take to the skies!

<https://www.europeana.eu/portal/en/explore/galleries/take-to-the-skies-balloons-and-airships>

⁵⁸ Galleries for Europeana 1914-1918. View at

<https://www.europeana.eu/portal/en/explore/galleries?theme=world-war-i>

⁵⁹ Blog on the story of Marin Gogoloi: a ‘Wiki-Europeana’ odyssey of a World War I soldier. View at

<https://pro.europeana.eu/post/the-story-of-marin-gogoloi-a-wiki-europeana-odyssey-of-a-world-war-i-soldier>

⁶⁰ Transcribathon.eu. View at <https://transcribathon.com/en/>

⁶¹ Europeana Transcribathon Teacher. View at <https://youtu.be/M6dgloz3a54>

Transcriptions completed	8,499
Registered users	1,264

In November, EF and F&F together with the University of Luxembourg co-organised a public information session at Maisons des Sciences⁶² Humaines for historians, academics, students, and teachers. In this context a Transcribathon workshop was organised as part of the Luxembourg national teachers training program with 12 (history) teachers participating. In December, we co-organised a 24h Europeana 1914-1918 Transcribathon in Warsaw, alongside a 48h Gamejam. The event was hosted by National Audio-Visual Institute (FINA)⁶³ Poland as part of the TuEuropeana campaign, a series of Europeana promotion and information events for Polish CHIs.⁶⁴

EF promoted activities on the Europeana 1914-1918 thematic collections page, on Transcribathon.eu, on dedicated social media channels (Europeana 1914-1918 on Facebook⁶⁵, Europeana 1914-1918 on Twitter⁶⁶), and on other relevant social media channels (e.g. the Great War Channel on Reddit). Below is a short overview, stating social media followers on Facebook and Twitter.

Social media channel	October 2017	December 2017
Europeana 1914-1918 on Facebook	c. 24,5K followers	c. 24,5K followers
Europeana 1914-1918 on Twitter	c. 6,7K followers	c. 6,7K followers

Europeana Fashion⁶⁷ (eFashion)

- Daily, new posts on Facebook⁶⁸, which doubled thanks to the link with the Instagram account (so around 14 per week).
- Daily, new posts published on Instagram⁶⁹.
- Daily, one to two new posts on Twitter⁷⁰.

⁶² Personal sources from WWI and citizen science, opportunities for research and education. The project Transcribathon Europeana 1914-1918. View at <https://www.c2dh.uni.lu/events/personal-sources-wwi-and-citizen-science-opportunities-research-and-education-project>

⁶³ FINA Poland. View at <http://fina.gov.pl/>

⁶⁴ Witamy! TuEuropeana - Transcribathon Warszawa 2017. View at <https://transcribathon.com/en/runs/poland/>

⁶⁵ Europeana 1914-1918 on Facebook. View at <https://www.facebook.com/Europeana19141918>

⁶⁶ Europeana 1914-1918 on Twitter. View at <https://twitter.com/Europeana1914>

⁶⁷ Europeana Fashion. View at <https://www.europeana.eu/portal/en/collections/fashion>

⁶⁸ Europeana Fashion on Facebook. View at <https://www.facebook.com/EuropeanaFashion>

⁶⁹ Europeana Fashion on Instagram. View at <https://www.instagram.com/europeanafashionofficial/>

⁷⁰ Europeana Fashion on Twitter. View at <https://twitter.com/eurfashion>

- Weekly, two new blog posts⁷¹ published (e.g. Europeana Fashion Focus: Outfits designed by Pierre Cardin, 1969⁷²) following a monthly theme.
- Weekly, new column 'runway archive' published, themed on runway pictures (e.g. Runway Archive: Jurgi Persoons A/W 2001⁷³).
- Regularly, publishing of new galleries related to Fashion on Europeana Collections⁷⁴ (e.g. 'Eccentric Fashion'⁷⁵)
- Two newsletters⁷⁶ published per month (e.g. Newsletter November 2017⁷⁷).
- Monthly, thematic exhibitions on Europeana Fashion on Tumblr⁷⁸ (e.g. in November 'Designers from Israel'⁷⁹). The outcomes of the projects of the students of the Bezalel Academy of Arts and Design were presented in a Tumblr curation realized by the Academy in collaboration with Europeana Fashion partner The Israel Museum. In December, a virtual exhibition themed on 'extra-ordinary fashion' was published. The exhibition includes items from different archives in order to create cross references and links between the different institutions contributing to Europeana Fashion.

eFashion presented Europeana Fashion and Europeana Collections at the EVA/Minerva Annual International Conference for Professionals in Cultural Heritage in Jerusalem (November, 2017)⁸⁰. eFashion also presented Europeana Fashion to students of the Master in Cultural Heritage Management at Bocconi University in Milan for a challenge on the best reuse idea for the Europeana Fashion content.

eFashion and EF promoted activities on the Europeana Collections page, on the Europeana Fashion thematic collections page and on dedicated social media channels (Europeana Fashion on Facebook; Europeana Fashion on Instagram; Europeana Fashion on Twitter). Below is a short overview, stating the increase of social media followers on Facebook, Instagram and Twitter.

Social media channel	October 2017	December 2017
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⁷¹ Europeana Fashion blog posts. View at <https://www.europeana.eu/portal/en/blogs?theme=fashion>

⁷² Blog on Europeana Fashion Focus: Outfits designed by Pierre Cardin, 1969. View at <https://www.europeana.eu/portal/en/blogs/europeana-fashion-focus-outfits-designed-by-pierre-cardin-1969>

⁷³ Runway Archive: Jurgi Persoons A/W 2001. View at <https://www.europeana.eu/portal/en/blogs/runway-archive-jurgi-persoons-a-w-2001>

⁷⁴ Galleries related to Art. View at <https://www.europeana.eu/portal/en/explore/galleries?theme=fashion>

⁷⁵ Gallery on Eccentric Fashion <https://www.europeana.eu/portal/en/explore/galleries/eccentric-fashion>

⁷⁶ Europeana Fashion newsletters. View at <http://us5.campaign-archive.com/home/?u=08acbb4918e78ab1b8b1cb158&id=eeaec60e70>

⁷⁷ Europeana Fashion Newsletter (November 2017). View at <https://us5.campaign-archive.com/?u=08acbb4918e78ab1b8b1cb158&id=8cbf081742>

⁷⁸ Europeana Fashion on Tumblr. View at <http://europeanafashion.tumblr.com/>

⁷⁹ Europeana Fashion on Tumblr: Designers from Israel. View at <http://europeanafashion.tumblr.com/search/Israeli>

⁸⁰ EVA/Minerva Conference in Jerusalem (November, 2017). View at <http://www.digital-heritage.org.il/program2017.html>

Europeana Fashion on Facebook	c. 8,0K followers	c. 8,1K followers
Europeana Fashion on Instagram	c. 7,1K followers	c. 7,1K followers
Europeana Fashion on Twitter	c. 2,9K followers	c. 3,0K followers

Europeana Photography⁸¹ (Photocons)

- New exhibition (i.e. the exhibition series ‘The Pleasure of Plenty’⁸²)
- New blog posts (i.e. César Franck: the “Pater Seraphicus” of modern French music⁸³)
- New galleries related to Photography on Europeana Collections⁸⁴ (Skylines and panoramas⁸⁵).
- New posts on Photoconsortium’s Facebook⁸⁶ account.
- New posts on Photoconsortium’s Twitter⁸⁷ account.

Photocons undertook several dissemination activities by attending several events:

- Presentation and publications in conference proceedings related the potential of digital cultural heritage in education at the ICERI conference⁸⁸ in Sevilla (November, 2017). Representatives of Photocons presented Europeana Photography and Europeana Migration and a hands-on approach of educational re-use of photographs available in the thematic collections.
- Presentation “Open Sesame: Europeana’s Thematic Collections on Photography and Migration”, in the track on Digital Curation, as well as their added value for aggregators, content providers and end users at EVA/Minerva Annual International Conference for Professionals in Cultural Heritage in Jerusalem (November, 2017)⁸⁹.
- Presentation of Photocons and Europeana Photography at the kick-off meeting of REACH⁹⁰ (H2020 project on participatory approaches to culture) in Berlin (December 2017). Photocons established a collaboration with the new project to contribute to

⁸¹ Europeana Photography. View at <https://www.europeana.eu/portal/en/collections/photography>

⁸² Exhibition ‘The Pleasure of Plenty’. View at <https://www.europeana.eu/portal/en/exhibitions/power-to-the-people>

⁸³ César Franck: the “Pater Seraphicus” of modern French music. View at <http://blog.europeana.eu/2017/12/cesar-franck-the-pater-seraphicus-of-modern-french-music/>

⁸⁴ Galleries related to Photography. View at <https://www.europeana.eu/portal/en/explore/galleries?theme=photography>

⁸⁵ Gallery on Skylines and panoramas. View at <https://www.europeana.eu/portal/en/explore/galleries/skylines-and-panoramas>

⁸⁶ Photoconsortium on Facebook. <https://www.facebook.com/PhotoConsortium/>

⁸⁷ Photoconsortium on Twitter. View at <https://twitter.com/PhotoConsortium?lang=en>

⁸⁸ Blog on ICERI conference for educational innovations <http://www.photoconsortium.net/iceri-conference-for-educational-innovations/>

⁸⁹ Blog about EVA/Minerva Conference in Jerusalem (November, 2017). View at <http://www.photoconsortium.net/photoconsortium-at-eva-minerva-2017/>

⁹⁰ REACH project. View at <http://reach-culture.eu/>

the development of a social platform for user and citizen engagement with cultural heritage.

Photocons and EF promoted activities on the Europeana Collections page, on the Europeana Photography thematic collections page and on dedicated social media channels (Photoconsortium on Facebook (883 followers), Photoconsortium on Twitter (281 followers)).

Europeana Music⁹¹ (BL)

- New exhibitions (e.g. Music and Mechanics⁹² launched in November). The exhibition focused on how sound can be created, explored and measured using mechanics, and how different acoustic instruments have influenced mechanical ones.
- New galleries related to Music⁹³ (e.g. Barrel organs⁹⁴).
- New blog posts (e.g. The sounds of Asia and Madagascar at the 1931 French colonial Exhibition⁹⁵). Guest blogs are commissioned from well-known curators on music related subjects highlighting relevant material from Europeana Music.
- Regular posts on Europeana Music Twitter⁹⁶ account.

BL is liaising with music library/sound archive communities, inviting guests to support curation of Europeana Music through galleries, exhibitions and editorials and following up expressions of interest to curate and/or contribute to Europeana Music. Guest contributions are commissioned on a monthly basis. The editorial calendar for monthly curation slots in 2018 is currently getting completed up until September 2018.

Month	Guest curator
November 2017	The Bibliothèque nationale de France (BnF) curated the Europeana Music landing page in November, focusing on the 1931 French Colonial Exhibition and the photography and recordings made during this time.
December 2017	The December's landing page covering "Music and the Sea", is curated by CNRS-MMSH

BL and EF promoted activities on the Europeana Collections page, on the Europeana Music thematic collections page and on dedicated social media channels (Europeana Music on Twitter).

⁹¹ Europeana Music. View at <https://www.europeana.eu/portal/en/collections/music>

⁹² Exhibition on Music and Mechanics. View at <https://www.europeana.eu/portal/en/exhibitions/music-and-mechanics>

⁹³ Galleries on Music on Europeana Collections. View at <https://www.europeana.eu/portal/en/explore/galleries?theme=music>

⁹⁴ Gallery on Barrel organs. View at <https://www.europeana.eu/portal/en/exhibitions/music-and-mechanics>

⁹⁵ Blog post on The sounds of Asia and Madagascar at the 1931 French colonial Exhibition. View at <http://blog.europeana.eu/2017/11/the-sounds-of-asia-and-madagascar-at-the-1931-french-colonial-exhibition/>

⁹⁶ Europeana Music on Twitter. View at <https://twitter.com/europeanamusic>

Social media channel	October 2017	December 2017
Europeana Music on Twitter	c. 3,8 followers	c. 3,9K followers

Europeana Newspapers (SPK)

Europeana Newspapers will be launched as a thematic collection in 2018. EF and SPK created a product backlog split into two Minimum Viable Product (MVP) releases and started to investigate data storage, indexing and IIF display of Newspaper records.

In October, SPK participated in the Coding da Vinci Berlin 2017 hackathon⁹⁷ with two datasets from Europeana Newspapers and Europeana 1914-1918, resulting in two prototypes: a Twitterbot for a historical newspapers⁹⁸ and an app that pushes articles from historic newspapers⁹⁹. SPK also established a collaboration with Oceanic Exchanges project partner University of Stuttgart for further development of Named Entity Recognition for historic German newspapers.¹⁰⁰

SPK engaged in community building and updated dedicated social media accounts regularly (Europeana Newspapers on Twitter¹⁰¹, Europeana Newspapers on Facebook¹⁰²).

Social media channel	October 2017	December 2017
Europeana Newspaper on Twitter	c. 1,4K followers	c. 1,4K followers
Europeana Newspapers on Facebook	c. 1,5K followers	c. 1,5K followers

Upcoming thematic collections

EF has published Migration as a new thematic collection which is being co-created with the partners of Migration in the Arts and sciences. Europeana Newspapers and Manuscripts will be published and co-curated in the context of the Generic services projects Rise of Literacy (for more information please see objective H. Make necessary dispositions to host the results of the Europeana Generic Services Projects).

⁹⁷ Coding da Vinci Berlin 2017 hackathon. View at <https://codingdavinci.de/events/berlin/>

⁹⁸ Twitterbot for a historical newspaper. View at <https://github.com/shoutrlabs/berliner-schlagzeilen/> / <https://twitter.com/Volkszeitung100>

⁹⁹ App with articles from historic newspapers. View at <https://github.com/mariabecker/OldNews/> / <https://play.google.com/store/apps/details?id=oldnews.de.oldnews>

¹⁰⁰ Named Entity Recognition for historic German newspapers. View at <https://github.com/EuropeanaNewspapers/ner-app/> / <https://github.com/EuropeanaNewspapers/ner-corpora>

¹⁰¹ Europeana Newspaper on Twitter. View at <https://twitter.com/eurnews?lang=en>

¹⁰² Europeana Newspaper on Facebook. View at <https://www.facebook.com/EuropeanaNewspapers/>

Europeana automatic collections

Having evaluated the recent pilot of more automated thematic collections, EF has prepared a proposal¹⁰³ and roadmap to sustainably build upon the success of thematic collections and looking ahead to 2018-2020 for how thematic collections will be published.

Thematic Campaigns

Two major campaigns are envisaged for 2017/2018 (campaign on migration and cultural heritage and campaign on Europeana 1914-1918), localised and co-managed by Member States and CHIs. (Tender, task 4.3. Thematic campaigns)

Campaign on Migration and cultural heritage

EF is undertaking a campaign on Migration and cultural heritage under the European Year of Cultural Heritage (EYCH)¹⁰⁴ in 2018. The campaign will focus on the topic of Migration. Together with the European Commission, Member States and CHIs, EF organises and markets activities and events of the EYCH. (Tender, task 4.4 Partnership in the European Year of Cultural Heritage, task 4.4.1 Work with stakeholders in the EYCH, task 4.4.2. Europeana Events in the framework of EYCH) The campaign will promote user participation by organising collection days. In support of the campaign a new thematic collection on Migration is under development. EF worked on additional relationships with migration museums to contribute to the upcoming thematic collection and to participate in the campaign. The latter aims to involve migration museums in a series of public engagement events (e.g. transcribathons).

EF's participation in the EYCH was launched at the Europeana Network Association AGM on 6 December in Milan, with attendees actively encouraged to participate in a Thunderclap¹⁰⁵. A marketing and comms plan was created and executed to support the launch of the EYCH 2018 across a number of platforms. This included a press release¹⁰⁶, as well as a social media and newsletter campaign to encourage people to join a Thunderclap promoting the launch of the EYCH. Europeana targeted participation by both institutions and individuals for the tweet which used #EuropeforCulture. The sign-up target of 250 was exceeded by 36% with 340 people/institutions signing up and a total of 411,922 people reached at the Thunderclap release.

¹⁰³ Thematic collections expansion 2018-2020. View at <https://docs.google.com/document/d/1s4VwCag8DoZxX0v6Sp9p77POZLK6Lh4DHT1SiujHUZU/edit#heading=h.fw3ygukkybwo>

¹⁰⁴ 2018 European Year of Cultural Heritage. View at https://ec.europa.eu/culture/news/20160830-commission-proposal-cultural-heritage-2018_en

¹⁰⁵ A Thunderclap sets a target figure for a common supportive tweet which supporters then commit to in advance - all tweets are then released simultaneously at a pre-arranged moment creating social media 'noise'.

¹⁰⁶ Press release on A digital project by Europeana invites museums and people to show the contribution migration makes to culture for European Year of Cultural Heritage <https://pro.europeana.eu/post/migration-makes-to-culture-for-european-year-of-cultural-heritage>

In December, EF attended and participated in both the Stakeholder and National coordinator meetings for the EYCH, taking place in Milan (December 2017). EF representatives presented Europeana's Thunderclap initiative, contributed to stakeholder discussions and feedback on the following areas: how to build/contribute to the legacy of the Year; how to engage with non-cultural sectors, non-professionals and volunteers; how to ensure a European/transborder dimension for national initiatives; and lobbying for an ambitious EU Agenda/Action Plan for Cultural Heritage.

EF also presented at the European Commission cultural event - European Culture Forum¹⁰⁷ in Milan (December 2017). EF was prominent at the Forum with representatives making several presentations and workshops at the event. During the opening plenary session experiences from the GIF IT UP 2017 contest were presented. One participant contributing to the Europeana Transcribathon Campus in Berlin¹⁰⁸, Clara Röpke, a 17-year-old high school student from Berlin, was invited to explain her experiences and the impact the event had on her.

EF further developed and widened collaboration with migration museums. We invited Migration Museums to participate in a dedicated session at the Europeana AGM 2017. We also invited other interested museum groups and individual migration museums to participate in potential Collection Days. We collaborate with the House of European History on the launch of the Migration Collections Day. In November, we also had a first Collections days test run to see if our UGC approach (technology) is working for the actual events.

Campaign on Europeana 1914-1918

EF and F&F organised Europeana 1914-1918 Transcribathon events in Luxembourg (November, 2017) and Warsaw (December, 2017). The Warsaw event was part of the Polish TuEuropeana.pl¹⁰⁹ campaign. For more information please see objective C. Improve content distribution mechanisms, Europeana 1914-1918.

D. Improve/widen distribution channels through partnerships

One of Europeana's priorities is to build and nurture large scale media and distribution partnerships with organisations that already have strong and loyal communities of users with an interest in, need or passion for culture. On the one hand, we aim to develop more partnerships in the market areas Education, Research, and Creative Industries (digital entrepreneurs, designers, developers) to add to the successful ones we have. Under Europeana DSI-3 there is emphasis on the use of Europeana content in education. The

¹⁰⁷ European Culture Forum. View at https://ec.europa.eu/programmes/creative-europe/events/20171207-european-culture-forum-2017_en

¹⁰⁸ Transcribathon interview. <https://vimeo.com/230116760/7d0d6b104c>

¹⁰⁹ TU Europeana initiative 2017. View at <http://tueuropeana.pl/>

strong partnerships with systems used by teachers both at the European and country levels as well as with educational publishers are key. On the other hand, we further improve the distribution of our content towards end users (European Citizens market) by maintaining our successful relationships with social media (e.g. Giphy) as well as with major platforms like Wikimedia.

End-users (European Citizens)

EF aims to maximise the reach to the general public by collaborating with the Wiki community, by developing strong partnerships with social media hubs (like DailyArt). (Tender, Task 3.2.5 Work with third party platforms, task 4.1.5 Cooperate with third party platforms)

The #GIFitup¹¹⁰ competition (October 2017) run in partnership with Trove¹¹¹ (Australian digital library), Digital NZ¹¹² (New Zealand digital library), and the DPLA¹¹³ (Digital Public Library of America) and is supported by GIPHY (a major online database and search engine that allows users to search for and share animated GIF files). The jury, is made up of representatives from GIPHY, DailyArt¹¹⁴ and the Public Domain Review¹¹⁵. EF promoted the contest via multiple channels (social media, newsletter, blog posts and a press release). All partners helped promoting the event through their social media channels. The winners of GIF IT UP 2017¹¹⁶ were announced in November 2017. All the winning entries used Europeana content in their creations.

EF continued the Trusted Blogger programme¹¹⁷, teaming up with bloggers with an interest in arts, culture, history or education who can share Europeana content on their blog posts and expand Europeana's visibility to their own networks. EF linked to four blog posts in November, and three in December with a few more coming up (i.e. Berlin's first Wax Museum¹¹⁸). Tweets by the bloggers were retweeted and posted on Facebook targeting German-speaking followers. A focused effort was made to bring further bloggers into the programme, of these new bloggers, one created an advent calendar on his blog¹¹⁹, using Europeana material to publish a post every day in December.

¹¹⁰ #GIFitup. View at <https://giphy.com/gifitup>

¹¹¹ Trove. View at <http://trove.nla.gov.au/>

¹¹² Digital NZ. View at <https://www.digitalnz.org/>

¹¹³ DPLA. View at <https://dp.la/>

¹¹⁴ DailyArt. View at <http://www.dailyartdaily.com/>

¹¹⁵ The Public Domain Review. View at <https://publicdomainreview.org/>

¹¹⁶ The winners of GIF IT UP 2017. View at <http://blog.europeana.eu/2017/11/winners-of-gif-it-up-2017/>

¹¹⁷ Trusted Blogger programme. View at

<https://pro.europeana.eu/resources/europeana-brand/writing-guidelines#trusted-bloggers>

¹¹⁸ Berlin's first Wax Museum. View at <https://inthejungleofcities.com/2017/11/06/castans-panopticon-berlin/>

¹¹⁹ Advent calendar with Europeana content. View at

<https://historienerrant.wordpress.com/2017/12/01/advent-calendar-door-1-the-gate-of-hell/>

EF is currently exploring a potential partnership with the MashUp Film Fest¹²⁰. EF investigates becoming a content partner, providing copyright free material to be reused in the creation of Mash Up Films for the 2018 edition. MashUP is a digital and participatory festival dedicated to promoting open data and archives through MashUp films created with digital tools. The festival was launched in France and is expanding internationally with a series of screenings and events in France and abroad. The next edition will take place from March to April 2018.

Wiki community

On the occasion of the centenary of WWI and as part of Europeana 1914-1918, we challenged Wikimedia affiliate organisations (in Europeana DSI-2) to create a portfolio of their activities related to Europeana 1914-1918. Thirteen Wikimedia affiliates from across the continent took part in this Wikimedia 1914-1918 Europeana Challenge. In October, EF announced the winners and promoted the results of the challenge via Wikimedia¹²¹ and Europeana¹²². In December, a representative of the winners, the Romanian community, presented their volunteer work at the Europeana AGM¹²³ - which notably included connecting a Romanian Family with a photograph of their ancestor. The connection was found by a Wikipedian volunteer using digitised resources in Europeana, and identified by the city mayor through information visible on the digitisation.

EF continued to build technical and organisational relationships with the development community of Wikidata. Currently, EF plans to enrich Europeana's 'Entity Collection' with Wikidata items and vice-versa, using the migration vocabulary as a starting point.

In November/December, EF created a Wikimedia specific page¹²⁴ on the new Europeana Pro website. It showcases the history of Wikimedia-Europeana partnerships, recent activities, and details the range of activities planned for the forthcoming campaign. This aims to provide an entrypoint for Network members to see what kind of Wikimedia partnerships EF can assist them in creating. During the Europeana AGM, several of those elected to the Members Council began work on creating a Wikidata-specific Task Force, and preliminary discussions are underway for strong Wikidata participation at the forthcoming EuropeanaTech conference (Rotterdam, May 2018).

In November, as part of the Estonian Presidency of the Council of the European Union, Wikimedia Estonia and the Estonian society of the Digital Humanities hosted the Open

¹²⁰ MashUp Film Fest. View at <http://mashup-film-festival.com/>

¹²¹ Winners announced in Europeana's First World War portfolio contest. View at <https://blog.wikimedia.org/2017/10/10/europeana-portfolio-contest/>

¹²² Announcing the Winners of the Wikimedia 1914-18 Europeana Challenge. View at <https://pro.europeana.eu/post/announcing-the-winners-of-the-wikimedia-1914-18-europeana-challenge>

¹²³ Profile of the winner published in the Wikimedia blog. View at <https://blog.wikimedia.org/2017/12/08/first-world-war-memories-romania/>

¹²⁴ Working with Wikimedia on Europeana Pro. View at <https://pro.europeana.eu/page/working-with-wikimedia>

Licenses, Open Content, Open Data conference¹²⁵ at the National Museum. EF presented a keynote talk and a follow-up workshop on 'Bringing Wikipedia inside the cultural institution'.

Education

EF, EUN and Euroclio continued to develop relationships with education networks, publishers, educational providers, policy makers and national Ministries of Culture. Activities promote the educational value of Europeana and re-use of the cultural heritage material in an educational context.

EF provides a dedicated space on Europeana Pro for the Education community¹²⁶ with information and quick access to ready-to-use resources. EF published several blog posts¹²⁷ on educational topics and new collaborations (e.g. Designing learning scenarios with the Europeana Teacher Developer Group, November 2017¹²⁸). EF promoted activities and updates on the Europeana Education LinkedIn Group¹²⁹ (October 93 members; December 123 members) and on Europeana's Twitter account. (Tender, task 3.2.19 Build up the Europeana Education community, task 4.1.8 Communication to the educational sector)

Our presentation proposal EUROPEANA: OPEN CULTURE FOR OPEN EDUCATION for the Open Education Global 2018 Conference¹³⁰ in Delft, the Netherlands (April, 2018) was accepted. The presentation aims to introduce Europeana as an educational resource and show how open cultural data can bring value to open education. The Open Education Global conference is the most internationally diverse conference devoted exclusively to open education, attracting researchers, practitioners, policymakers, educators and students from more than 35 countries to discuss and explore how Open Education advances educational practices around the world.

EF also started a collaboration with EPALE¹³¹, the Electronic platform for adult learning in Europe, and agreed on Europeana's contribution to EPALE's feature in January 2018 on culture and adult learning. The feature will include a blog about Europeana as a resource for adult learning and an interview with the Museum for Kunst and Gewerbe in Hamburg which offers onsite and online resources for lifelong learning. Preparations for these promotional pieces have been started, including blog and interview drafting.

¹²⁵ Open Licenses, Open Content, Open Data conference at the National Museum (November, 2017). View at <http://dh.org.ee/category/events/dhe2017/>

¹²⁶ Europeana Education community. View at <https://pro.europeana.eu/network-association/special-interest-groups/europeana-education>

¹²⁷ Europeana blog posts related to Education. View at <https://pro.europeana.eu/pages/blog/blog/markets/education>

¹²⁸ Blog on Designing learning scenarios with the Europeana Teacher Developer Group, November 2017. View at <https://pro.europeana.eu/post/designing-learning-scenarios-with-the-europeana-teacher-developer-group>

¹²⁹ Europeana Education group on LinkedIn. View at <https://www.linkedin.com/groups/13518332/profile>

¹³⁰ Open Education Global 2018 Conference, Netherlands. View at <https://conference.oeconsortium.org/2018/>

¹³¹ EPALE#, the Electronic platform for adult learning in Europe. View at <https://ec.europa.eu/epale/>

Work with Ministries of Education

EF launched a pilot with the Ministry of Education in France in August 2017. (Tender, task 3.2.9 Pilot with Ministry of Education in France) Edutheque established a Europeana dedicated space on the French national educational portal (126.000 teachers and 850.000 subscribers).¹³² The technical team of the Ministry is currently investigating the details of the API integration of Europeana Collections in the French portal.

The Ministry of Education also connected Europeana to Réseau Canopé¹³³ which will coordinate a collaboration with selected French teachers to develop new educational learning resources with Europeana content. The first of the three planned workshops with 14 selected French teachers took place in November 2017 in the offices of Réseau Canopé in Poitiers. The participants teach in secondary education (Collège - pupils between 11 and 15 years old - and Lycée - pupils from 15 to 18) and a wide range of subjects (history, geography, visual arts, modern languages and literature, documentation and EMI (media and information)). The workshop started with an introduction of Europeana as educational resource and continued with brainstorming about possible learning scenarios with Europeana content. The teachers will submit their draft scenarios to Réseau Canopé by the end of 2017. Next workshops are planned for January and May 2018.

EF also started collaboration with the Ministry of Education in Portugal. As a result, Europeana is now listed in the repository of external resources and under the educational resources section on the national educational portal Portal da escolas¹³⁴. Next steps in discussions are: (1) The integration of Europeana's resources already available in the Learning Resources Exchange portal¹³⁵ in the educative resources of Portal da escolas; (2) Creation of a dedicated space with selected Europeana resources for Portuguese educators, in a similar fashion to the Europeana space on the French national portal Edutheque¹³⁶; (3) Collaboration with Portuguese teachers to develop digital learning resources with Europeana content.

Noncommercial partnerships in education

EF, EUN and Euroclio continued to investigate possible partners who can integrate Europeana content to their platforms to help to reach educators across Europe. (Tender, task 3.2.10 Build partnerships with commercial and noncommercial partners in education)

¹³² Europeana space on Edutheque. View at <http://www.edutheque.fr/utiliser/partenaire/europeana.html>

¹³³ Réseau Canopé. View at <https://www.reseau-canope.fr/>

¹³⁴ Portal da escolas: educational resources
https://www.portaldasescolas.pt/portal/server.pt/community/00_recursoeducativos/259/Ver%20Recurso%20Educativo?topage=red_readonly&red_id=5231

¹³⁵ Learning Resources Exchange portal. View at <http://lreforschools.eun.org/web/guest/search-results>

¹³⁶ Europeana on Edutheque. View at <http://www.edutheque.fr/utiliser/partenaire/europeana.html>

For the second consequent year, we partnered with TU Europeana¹³⁷, an initiative of the National Audio-Visual Institute (FINA) under the patronage of the Ministry of Culture Poland which aims to raise the awareness about Europeana collections in Poland and introduce their potential for inspiration to Polish educators and creators. Similar to 2016, the initiative included events for the educational and creative industries audiences: (1) A workshop¹³⁸ for Polish educators to create digital learning resources with Europeana content. The event was organised in collaboration with PCSS EduLab Poznan¹³⁹ in November 2017. (2) A Europeana transcribathon at the FINA offices in Warsaw (December, 2017). (3) A History Game Jam at the FINA offices in Warsaw, an event for amateur and professional designers and developers of video games (December 2017).

Organise a developer group of teachers

EUN organised and supported a developer group of teachers from Europeana's six target countries (secondary and primary education). In three workshops, the group aims to produce new datasets, pedagogical scenarios and learning activities based on Europeana Collections. In addition, the group intends to create, open source, professional development materials for teachers in several languages. (Tender, task 3.2.11 Organise a developer group of teachers)

In September/October, EUN prepared and promoted a call for the Developer Group of teachers¹⁴⁰. EUN shared the call with the Ministries of Education of the six target countries (France, Netherlands, Finland, Spain, Portugal, Italy) who were asked to disseminate the call in their countries. As a result, EUN selected 18 teachers which will be part of the Developer Group of teachers. The group consists of representatives from six countries (France, Spain, Italy, Portugal, Poland and Finland), with two secondary and one primary teacher per country.

EUN organised two out of three workshops (one in October and one in December 2017) with the Developer Group of teachers in the Future Classroom Lab in Brussels. During these workshops, the Developer Group learned how to create pedagogical scenarios, learning activities and datasets with the EUN pedagogical expert, and how to integrate digital cultural content with the Europeana expert. In between the workshops, the group had the chance to develop their activities to an almost final state. The group also had an online call with EUN's pedagogical expert who provided them with feedback and support. At this point, their activities are advancing very well and they will be finalised by the end of January 2018. In 2018, this group will also start its work on the professional development materials for teachers.

¹³⁷ TU Europeana. View at <http://tueuropeana.pl/>

¹³⁸ EDULAB 2017 workshop. View at <https://pro.europeana.eu/event/edulab-2017>

¹³⁹ PCSS EduLab Poznan. View at <http://edulab.pcss.pl/>

¹⁴⁰ Call for Europeana DSI3 Developer Teachers October 2017 – June 2018. View at http://www.eun.org/c/document_library/get_file?uuid=738d2756-c671-4c17-8987-82b245794ef4&groupId=43887

Worth noting that the first workshop took place at the same time with the meeting of the Scientix¹⁴¹ project, giving us the opportunity to expand our reach to educators and explore possible reuse of cultural heritage in STEM (science, technology, engineering and maths) education.

Community and online support for Europeana Education User Group

EUN will identify and provide community and online support to up to 60 teachers (approximately 10 teachers from Europeana's six target countries) who will form a Europeana Education User Group. In the second half of the project they will make use of the datasets, pedagogical scenarios and learning activities created by the Developer group. (Tender, task 3.2.13 Community and online support for the Europeana Education user Group) In November/December, EUN drafted call for the Europeana Education User Group. This call will be launched in January 2018. Also during January 2018, the evaluation framework for this User Group of teachers will be discussed.

Historiana eLearning Environment

EUROCLIO worked on the development of the Historiana eLearning Environment¹⁴² and on a teacher training package using Europeana content. (Tender, task 3.2.14 Work with Historiana)

To improve the Historiana eLearning Environment, EUROCLIO drafted a document for the continuous testing of the Historiana eLearning Environment. This document will be further improved in the coming period, and used beyond the duration of this project. In November/December, Webtic (EUROCLIO's partner for technical developments) linked EUROCLIO to his <https://opbeat.com/> account so that EUROCLIO is automatically updated when Webtic makes a new release. This notification will be used as a trigger for immediate testing so that Webtic receives feedback at a moment that the relevant changes in coding are fresh, making it easier to fix them.

The main priority, is making it possible for users to review the answers of their students after they shared an eLearning Activity. In November/December, Webtic continued to work on making it possible for educators to review the answers of their students, but also updated several components (including the login and existing building blocks in the Historiana eLearning environment). In addition, Webtic worked on the integration of the Analysis of Visual Sources Tool (that was developed in the Europeana Creative¹⁴³ project) in the Historiana eLearning Environment (as a building block). This tool has been well received by history educators from the EUROCLIO community as relevant for the training events. For the integration of the Analysis of Visual Sources Tool, Webtic is working together with the web developer UseMedia. The idea is that in the future more web developers will be able to

¹⁴¹ Scientix. View at <http://www.scientix.eu/>

¹⁴² Historiana. View at <https://www.beta.historiana.eu/#/>

¹⁴³ Europeana Creative# project. View at <https://pro.europeana.eu/page/about-europeana-creative>

add more eLearning tools as building blocks in the Historiana eLearning Environment (to make this environment more sustainable).

Create learning resources with Europeana content

EUROCLIO facilitates the creation of learning resources with Europeana content by organising Europeana specialised workshops for teachers. (Tender, task 3.2.15 Create learning resources with Europeana content) The development of the eLearning activities and the source collections will be done in such a way that it is most relevant for the Teacher Training Package. In November/December, EUROCLIO started with the planning of the workshops and learning events. The seven workshops for teachers within existing training events of EUROCLIO and/or EUROCLIO's member associations will happen between February and July 2018; the two learning events with eTwinning are planned for April-May 2018.

Develop a communication strategy for Europeana on Historiana

EUROCLIO worked on a communication strategy to promote the Historiana eLearning Environment, related training events as well as learning resources on Historiana that make use of the Europeana content. (Tender, task 3.2.16 Develop a communication strategy for Europeana on Historiana)

EUROCLIO decided to include a strategy for regular communication (i.e. about new resources that make use of Europeana materials, or about existing resources that are linked to historical dates or current events) and a strategy for bigger campaigns (such as the announcement of online learning events, the launch of modules¹⁴⁴, or the release of new eLearning Tools). EUROCLIO started to pilot parts of the regular communications, such as the use of #onthistoday for the promotion of existing eLearning resources. The communication strategy will be published end of January 2018.

In November, EUROCLIO won the LLL Award 2017 (on education in a digital world) during the Lifelong Learning Week¹⁴⁵ in Brussels. The award recognized the Historiana eLearning Environment as best practice in the field of education and innovative pedagogy. The winning of the Award was featured in the main communication channels of EUROCLIO (blog¹⁴⁶ and Twitter @EUROCLIO), Europeana Education LinkedIn group and the LLL Platform¹⁴⁷.

Work with eTwinning

EF directly works with eTwinning who makes 'cultural heritage' its theme for 2018 in the context of the EYCH 2018. EF works with them on events, materials and datasets that are of use to the eTwinning communities. (Tender, task 3.2.17 Work with eTwinning)

¹⁴⁴ Modules are packages of learning resources with a common theme or topic.

¹⁴⁵ Lifelong Learning Week in Brussels (November 2017). View at <http://lllplatform.eu/events/lll-week/>

¹⁴⁶ Blog on Historiana Named Best Practice in Education and Innovation Pedagogy. View at <https://euroclio.eu/2017/11/historiana-named-best-practice-education-innovation-pedagogy/>

¹⁴⁷ LLL Platform winners. View at <https://lllplatform.eu/news/lllawards-2017-winners/>

In October, EF attended the eTwinning annual conference¹⁴⁸ “Migration and Culture: how can our past educate our present and support inclusive education” in Malta. A workshop introduced teachers to the learning resources available on Europeana and explored how cultural heritage can support inclusive education. In particular, the participants focused on the theme of migration across centuries, investigate how it is reflected in the Europeana Collections and brainstorm on topics, content selections and vocabularies which can help design engaging learning activities and pedagogical scenarios. The attendance at the conference helped increasing Europeana’s visibility in the eTwinning network.

In November/December, EF had a planning session with the eTwinning coordinator to outline the joint activities with regard to the EYCH 2018. The first initiative will be an online seminar mid January 2018 which will introduce Europeana as educational resource to the eTwinning community.

Commercial partnerships in education

EF aims to integrate Europeana content in the online learning platforms and resources of commercial educational providers. (Tender, task 3.2.18. Develop commercial partnerships in education with educational publishers, learning software providers, content and app developers)

During the project, EF established a partnership with the French educational platform Beneylu¹⁴⁹. Beneylu School is a commercial portal which brings together elementary school applications, resources, activities and games in an online platform. The portal is available in three languages (English, French and Spanish) and it is used in 34,000 classes in 38 countries. Their ‘Search engine app’¹⁵⁰ allows students and teachers to search in various approved website, including Europeana, to help find resources for their classes and assignments. Currently, we are under discussion for further integration of Europeana Collection in their platform with the following possibilities: (1) An article on the Beneylu blog which will introduce Europeana as educational resource to Beneylu teachers. The article will be published in late January in English and Spanish. (2) Integration of Europeana 280 content in the future Beneylu app on the topic of Europe - which will be very much in line with the work related to the European Year of Cultural Heritage. (3) Potential involvement of Europeana as a content partner in Beneylu coding events for kids.

Creative Industries

EF continued building the community for Creative Industries (i.e. cultural heritage developers and digital innovators) by enriching the content on Europeana Labs¹⁵¹

¹⁴⁸ eTwinning Annual Conference. View at <https://www.eiseverywhere.com/ehome/etwinning2017/581033/>

¹⁴⁹ Beneylu. View at <https://beneylu.com/en/>

¹⁵⁰ Beneylu: Search engine app. View at <https://beneylu.com/spot/us/beneylu-school/apps-for-the-classroom/app-search-engine.html>

¹⁵¹ Europeana Labs. View at <https://pro.europeana.eu/what-we-do/creative-industries>

(publishing new datasets¹⁵², adding new applications using Europeana content¹⁵³). Monthly, EF publishes a newsletter¹⁵⁴ (Europeana Labs News, December 2017¹⁵⁵) for the Europeana Labs community (ca. 3000 subscribers). We also regularly published new blog posts¹⁵⁶ on Europeana Labs (e.g. Museums in the digital age: insights from BeMuseum¹⁵⁷) and posted updates on a dedicated Twitter¹⁵⁸ account (c. 960 followers). (Tender, task 3.2.20 Continue building up the Europeana Labs community, task 4.1.9 Communication to creative industries)

Partnerships in Creative Industries

EF fosters the relationship with partners who are already working with the creative industries (i.e. innovation labs, data platforms, and large scale events). The main areas of partnership are the promotion of cultural heritage as a resource to the creative communities and support of competitions, workshops and growth opportunities. (Tender, task 3.2.21. Forge and continue building relationships with creative industries)

In December, as part of the TU Europeana initiative 2017¹⁵⁹, EF together with selected Polish CHIs (FINA, the National Library Poland and National Digital Archives Poland) and the Indie Games Foundation Poland organised a History Game Jam at the FINA offices in Warsaw. The event brought together 32 amateur and professional designers and video game developers for experimentation with open archival resources (photographs, text materials, AV) regarding the First World War and the interwar period. The History Game Jam ended with eleven prototypes and three winners¹⁶⁰ (see section “Dla tworców”).

Europeana growth services

EF organises online competitions (Europeana Challenges) to identify and fund the best creative projects using Europeana content. (Tender, task 3.2.22. Europeana growth services) The third Europeana growth services challenge will be dedicated to education. The challenge will be launched and promoted at the prominent education industry event BETT (BETT Futures¹⁶¹). The event will take place in London in January 2018 and will bring together 850 leading companies, 103 exciting new edtech startups and over 34,700 attendees (131 countries represented) from the global education community.

¹⁵² Curated dataset on Europeana Labs. View at <https://pro.europeana.eu/resources/datasets>

¹⁵³ Europeana Labs. View at <https://pro.europeana.eu/resources/apps>

¹⁵⁴ Europeana Labs newsletters. View at

<http://us3.campaign-archive.com/home/?u=ad318b7566f97ecc895e014e&id=935d4e98eb>

¹⁵⁵ Europeana Labs News, December 2017. View at

<https://us3.campaign-archive.com/?u=ad318b7566f97ecc895e014e&id=252a9c9fdf>

¹⁵⁶ Blogs on Europeana Labs. View at <https://pro.europeana.eu/pages/blog/blog/markets/creative-industries>

¹⁵⁷ Blog on Museums in the digital age: insights from BeMuseum. View at

<https://pro.europeana.eu/post/museums-in-the-digital-age-insights-from-bemuseum>

¹⁵⁸ Europeana Labs on Twitter. View at <https://twitter.com/europeanalabs?lang=en>

¹⁵⁹ TU Europeana initiative 2017. View at <http://tueuropeana.pl/>

¹⁶⁰ Announcement of the winners on the TU Europeana website. View at <http://tueuropeana.pl/>

¹⁶¹ BETT Futures for edtech startups. View at

<https://www.bettshow.com/exhibiting-at-bett/bett-futures-for-edtech-start-ups>

Makers market pilot

EF continues to conduct a small scale experiment to evaluate the attractiveness of Europeana services to makers, the potential impact Europeana could have as well as the feasibility, time, costs for a full time market entry. (Tender, task 3.2.23. Makers market pilot) We ran the third maker campaign on the topic of 'year end festivities' between 1 November and 15 December. The campaign promoted high quality content and encouraged maker projects on three sub themes: toys, wrapping paper patterns and Christmas cards. The campaign marked the end of the maker market pilot. The pilot ran for 9 months in 2017 and its findings and recommendations about the next possible steps will be presented in the maker market pilot report. The report will be published January 2018.

Academic Research

EF continues building up the Europeana Research community by maintaining the space on Europeana Pro which serves as an active hub highlighting new developments within Europeana Research.¹⁶² The space promotes material (over 170 open datasets, i.e. a dataset of Swedish silent film posters¹⁶³), issues call to actions (i.e. Grants programme, surveys) and features research related blogs, as well as news articles within and beyond the Europeana Network. (Tender, task 3.2.6 Improving policy and impact of Europeana in Academic Research, task 3.2.8 Europeana Research community: community engagement, editorial management and advisory board)

EF and partners (UoG, AthenaRC) published several posts¹⁶⁴ on topics such as collection descriptions (i.e. The Playbills of the Croatian National Theatre in Zagreb¹⁶⁵) and interviews with researchers (i.e. Using computer vision tools for historical newspaper analysis: SIAMESE and Europeana Newspapers¹⁶⁶) as well as new publications¹⁶⁷ and relevant events¹⁶⁸. With the launch of the new Pro, work has started on an inventory of published datasets for Research with the purpose of cleaning up, to identify gaps in the content offered, and to develop a more standard way of labelling datasets.

¹⁶² Europeana Research. View at <https://pro.europeana.eu/what-we-do/academic-research>

¹⁶³ Dataset on Europeana Research of Swedish silent film posters. View at <https://pro.europeana.eu/data/swedish-silent-cinema-playbills-1904-1921>

¹⁶⁴ Europeana blog posts related to Education. View at <https://pro.europeana.eu/pages/blog/blog/markets/education>

¹⁶⁵ Blog on The Playbills of the Croatian National Theatre in Zagreb. View at <https://pro.europeana.eu/post/the-playbills-of-the-croatian-national-theatre-in-zagreb>

¹⁶⁶ Blog on Using computer vision tools for historical newspaper analysis: SIAMESE and Europeana Newspapers. View at <https://pro.europeana.eu/post/using-computer-vision-tools-for-historical-newspaper-analysis-siamese-and-europeana-newspapers>

¹⁶⁷ Cultural Heritage Infrastructure in Digital Humanities" is out now! View at <https://pro.europeana.eu/post/cultural-heritage-infrastructure-in-digital-humanities>

¹⁶⁸ Maria Eskevich presents "Bringing Europeana and CLARIN together" at DI4R 2017. View at <https://pro.europeana.eu/event/maria-eskevich-presents-bringing-europeana-and-clarin-together-at-di4r-2017>

Activities and updates were published via EF's general communication and dissemination channels and dedicated channels such as Europeana Research on Twitter¹⁶⁹ (ca. 1,9K followers). The work of Europeana Research is supported by the Europeana Research Advisory Board chaired by Professor Lorna Hughes (UoG).¹⁷⁰

Research Grants Programme

UoG, AthenaRC and EF developed in close collaboration with the Board, the Europeana Research Grants Programme for the academic year 2017-2018¹⁷¹. The focus for this year's grant proposals is intercultural dialogue in its broadest sense. The programme was launched in September 2017 and was promoted through various Europeana channels as well as through relevant other networks. In September/October, we set-up a submission management system (EasyChair) for the Grants Programme to manage applications and review process in an effective and efficient manner.

In November, the Research Grants call for proposals closed. We received 56 proposals from over 21 countries and 45 different research institutions. The promotion and dissemination of the Grants Programme continued through Europeana Research on Twitter (i.e. Twitter post: Look at the #diversity of applications we received for the #Europeanagrants!¹⁷²). We established a reviewing process and timeline to be executed by EF and members of the Europeana Research Advisory board, making sure the reviewing process was as streamlined and fair as possible. Currently, the first round of reviews, focusing on the initial requirements that were needed to be eligible for a grant, is undertaken. A first discussion on the proposals was completed during the Europeana Research Board meeting at the AGM in Milan (December 2017) and the winners announced in time for Christmas. The winners have been announced in December 2017¹⁷³.

Connect to Research Infrastructures

EF and CLARIN continued to connect to Research Infrastructures (e.g. DI4R conference Brussels, November 2017¹⁷⁴) (Tender, task 3.2.7 Connect to Research Infrastructures). EF and CLARIN also worked on incorporating digitised cultural heritage data into the Europeana Research Infrastructures for Language Resources and Technology as well as (linguistic) processing of data. A total 776 thousand records were sourced from Europeana and imported into CLARIN's Virtual Language Observatory. EF and CLARIN also performed some technical work (i.e. a tests on Europeana's OAI-PMH provider which resulted in a

¹⁶⁹ Europeana Research on Twitter. View at <https://twitter.com/EurResearch>

¹⁷⁰ Europeana Research Advisory Board. <https://pro.europeana.eu/page/europeana-research-advisory-board>

¹⁷¹ Europeana Research Grants Programme 2017: call for submissions and guidelines for applicants. View at <https://pro.europeana.eu/post/europeana-research-grants-programme-2017-call-for-submissions-and-guidelines-for-applicants>

¹⁷² Twitter post: Look at the #diversity of applications we received for the #Europeanagrants! View at <https://twitter.com/EurResearch/status/931152392036462592>

¹⁷³ Meet the winners of the Europeana Research Grants Programme 2017. View at <https://pro.europeana.eu/post/these-are-the-winners-of-the-europeana-research-grants-programme-2017>

¹⁷⁴ DI4R conference Brussels, November 2017. View at <https://indico.egi.eu/indico/event/3455/session/1/contribution/14>

recommendation to establish a channel for technical support). EF also continued work with DARIAH on a Charter for reuse.

E. Coordinate, sustain and grow the network of data partners and experts

EF coordinates the Europeana Network Association (ENA)'s secretariat to facilitate activities of our network of data partners and expert communities (i.e. IPR community, Impact community, Europeana Tech), as well as with our re-user communities (Education, Creative Industries, Research). (Tender, task 3.1 User community engagement and support)

Europeana Network Association

EF organises related communications towards the membership, meetings (i.e. the AGM), elections to the Members Council, and Europeana Network Association (ENA). This includes related activities such as Association Management Board monthly meetings, Members Council physical meetings, Working Groups and Task Forces activities. (Tender, 4.5 Animate and further enlarge the Europeana Network Association; task 4.5.1. Europeana Network Association secretariat, task 4.5.4 Europeana Pro editorial management)

EF uses various tools for communication while the Europeana Pro site is instrumental in our dissemination efforts. We built up relations and engaged our audiences by enriching the content of the new Europeana Pro website with new blogs (e.g. 'AGM 2017 in Milan: Network Association's highlights of 2017 and priorities for 2018'¹⁷⁵) and updates. The blogs¹⁷⁶ feature specific highlights of ENA activities, Task Force recommendations, Working Group deliverables, and cooperations of the Network members and campaigns (since the start of Europeana DSI-3 we published 11 blogs).

Monthly, EF publishes a newsletter with Network updates reaching 1959 subscribers (e.g. Network Update December 2017¹⁷⁷). This includes the latest developments within the professional community. The newsletters are endorsed by the Members Council with each Councillor taking a turn as Editor-in-Chief. All the Updates are archived on Europeana Pro¹⁷⁸. EF also manages the Europeana LinkedIn Group¹⁷⁹ (3769 members) with updates and posts published on a daily basis. The group provides an easy way for the Network members and others to interact with each other and with the Europeana Foundation.

¹⁷⁵ Blog on AGM 2017 in Milan: Network Association's highlights of 2017 and priorities for 2018. View at <https://pro.europeana.eu/post/agm-2017-in-milan-network-association-s-highlights-of-2017-and-priorities-for-2018>

¹⁷⁶ Europeana Pro - Blogs. View at <https://pro.europeana.eu/blog>

¹⁷⁷ Network Update December 2017. View at <https://us3.campaign-archive.com/?u=ad318b7566f97ecc895e014e&id=94b480b51a>

¹⁷⁸ Newsletters and updates. View at <https://pro.europeana.eu/resources/document-archive/newsletters-and-updates>

¹⁷⁹ Europeana LinkedIn Group. View at <https://www.linkedin.com/groups/134927/profile>

In an effort to help ensure the long-term sustainability of Europeana through increasing public awareness and use, the active engagement and enlargement of the Network Association has been and will remain one of our key topics of focus. The current membership number of the Association stands at 1967 individual members. The Membership campaign¹⁸⁰ (May-November 2017) with the main objective to raise awareness about the Association elections, reinforced the active membership in the Association and updated members information. 1382 members confirmed their membership. The campaign resulted in having around 500 unconfirmed members. These members were no longer eligible to vote in 2017 elections, but will be approached again in early 2018.

Network Association's Annual General Meeting (AGM)

The Association members come together once a year for the Network Association's Annual General Meeting (AGM), which includes the annual meeting of the General Assembly. (Tender, task 4.5.3 Europeana Network General Assembly)

The 2017 Europeana AGM¹⁸¹ was held on 6 December at the Leonardo da Vinci's Science and Technology Museum¹⁸² in Milan, Italy, with 202 people attending. The meeting focused on assessing the value that culture has for European society, and how it can be measured, making use of the newly published Europeana Impact Framework¹⁸³ and projects by Network members who had the possibility to win support by EF with an impact assessment¹⁸⁴. 10 different projects were presented and attendees voted for the winning project. The Europeana Transcribathon¹⁸⁵ developed by EF and F&F got the biggest support and was therefore offered an impact assessment by Europeana.

There was a new #AllezCulture campaign in support of the 2018 EYCH launch with a Thunderclap of 340 tweets (136% of the goal). The campaign used the hashtag #SoDoWe tweet, reaching over 400.000 people.

At this year's Network Association General Assembly, which was part of the AGM, the members gave their opinions about important Network matters, approved formal annual Association documents, including the Joint Europeana Aspiration and Association Approach, and launched the voting for the 2017 Members Council elections.

¹⁸⁰ Membership campaign. View at

<https://pro.europeana.eu/post/let-s-make-next-key-decisions-together-renew-your-membership>

¹⁸¹ Europeana AGM. View at <https://pro.europeana.eu/event/agm2017>

¹⁸² Leonardo da Vinci's Science and Technology Museum in Milan, Italy. View at <http://www.museoscienza.org/english/mustlocation/events/auditorium.asp>

¹⁸³ Europeana Impact Framework. View at <https://pro.europeana.eu/what-we-do/impact>

¹⁸⁴ Pitch your project at the AGM 2017 and win a Europeana impact evaluation

<https://pro.europeana.eu/post/pitch-your-project-at-the-agm-2017-and-win-a-europeana-impact-evaluation>

¹⁸⁵ Europeana Transcribathon. View at

<https://pro.europeana.eu/post/transcribathon-winner-uncovers-the-human-perspective-of-war>

EF promoted this key annual event in targeted Network communications via a Pro blog, inclusion in the general Network newsletter, a special newsletter dedicated to the event, and associated social media. The event itself was supported by and benefited from a great deal of social media activity on Twitter by both EF and attending Network members, using #AGM2017.

Governance, Members' Council and Management Board

EF organise Members Council meetings and Management Board meetings (i.e. agenda, meetings and minutes publication on Europeana Pro). (Tender, task 4.5.2 Coordinate Members' Council and Management Board)

The Members Council is the elected governing board of ENA (composed of 36 members). The annual Members Council elections started with an campaign¹⁸⁶ in September 2017. The deadline for candidacy submissions for the eight open seats in the Members Council was in November. In a blog post¹⁸⁷ we announced the 26 candidates¹⁸⁸ who came forward to compete. The voting period started on 6 December during the AGM event with a #EuropeanaElects hashtag and ran until 14 December. The results of the elections were announced in December 2017¹⁸⁹.

The last Members Council meeting¹⁹⁰ of 2017 was held on 5 December in conjunction with Europeana AGM event in Milan, Italy. 33 members of the Council met in the Leonardo da Vinci's Science and Technology Museum¹⁹¹ and discussed the past year's activities and outlook for the future on Task Forces, Working groups, structure of the Association, Association budget, and elections Members Council 2017.

The Management Board (six members), composed of members of the Members Council, represent ENA in the Europeana Governing Board. Since September EF has organised four Management Board meetings. The meetings revolved around organization of the AGM 2017, Association budget, governance-related issues, and role of Europeana as a partner in

¹⁸⁶ 2017 Election campaign. View at

<https://pro.europeana.eu/post/europeana-network-association-invites-the-2017-members-council-candidates-to-come-forward>

¹⁸⁷ 2017 Members Council elections: introducing the 26 candidates. View at

<https://pro.europeana.eu/post/2017-members-council-elections-introducing-the-26-candidates>

¹⁸⁸ Members Council candidates 2017. View at

<https://pro.europeana.eu/page/members-council-election-candidates>

¹⁸⁹ Europeana Network Association welcomes its eight new Members Council representatives!

<https://pro.europeana.eu/post/europeana-network-association-welcomes-its-8-new-members-council-representatives>

¹⁹⁰ Members Council meeting. View at

<https://pro.europeana.eu/post/agm-2017-in-milan-network-association-s-highlights-of-2017-and-priorities-for-2018>

¹⁹¹ Leonardo da Vinci's Science and Technology Museum, Milan, Italy . View at

<http://www.museoscienza.org/english/mustlocation/events/auditorium.asp>

EYCH 2018. Minutes and actions of those meetings will be available on the Europeana Pro page¹⁹² (see Network Association Updates) .

Task Forces and Working Groups

The Network Association members are able to take on specific subjects or areas of common interest by participating in the Task Forces¹⁹³ and Working Groups¹⁹⁴. Task Forces (TFs) tackle specific subjects of interest related to the Europeana 2020 strategy. TFs run for a limited period and result in the delivery of recommendations on their subject. Currently EF coordinates five active task forces:

1. TF Advanced documentation of 3D Digital Assets¹⁹⁵
2. TF Network Participation Framework¹⁹⁶
3. TF Impact Assessment¹⁹⁷
4. TF Europeana Resource Citation and Object Identity Standardization¹⁹⁸ (new)
5. TF Creation and Governance of EDM mappings, profiles and extensions¹⁹⁹ (new)

In 2017, two Task Forces (TF) ended and delivered their final recommendations: TF on Benchmarking Europeana²⁰⁰, and TF on Preparing Europeana for IIF involvement²⁰¹. Two new Task Force proposals were approved by the Members Council (December 2017): Europeana Migration²⁰², and the second phase of the Impact Assessment²⁰³ Task Force.

Working Groups (WGs)²⁰⁴ are set-up to address ongoing activities and issues of continuing relevance and run without a limited timeframe as long as their purpose is required.

¹⁹² Network Association Updates on Europeana Pro. View at

<https://pro.europeana.eu/resources/document-archive/newsletters-and-updates>

¹⁹³ Europeana Task forces. View at <https://pro.europeana.eu/network-association/task-forces>

¹⁹⁴ Europeana Working Groups. View at <https://pro.europeana.eu/network-association/working-groups>

¹⁹⁵ TF Advanced documentation of 3D Digital Assets

<https://pro.europeana.eu/get-involved/task-forces/advanced-documentation-of-3d-digital-assets-1>

¹⁹⁶ TF Network Participation Framework. View at

<https://pro.europeana.eu/get-involved/task-forces/network-participation-framework-task-force>

¹⁹⁷ TF Impact Assessment. View at <https://pro.europeana.eu/project/impact-assessment>

¹⁹⁸ TF Europeana Resource Citation and Object Identity Standardization. View at

<https://pro.europeana.eu/get-involved/task-forces/resource-citation-object-identity-standardization>

¹⁹⁹ TF Creation and Governance of EDM mappings, profiles and extensions. View at

<https://docs.google.com/document/d/18Csr68hcWVH4md-xpGbHbiXZbeEluDsQPdDxPQP6Yg/edit>

²⁰⁰ Task Force on Benchmarking Europeana. View at

<https://pro.europeana.eu/get-involved/task-forces/benchmarking-europeana-task-force>

²⁰¹ Task Force Preparing Europeana for IIF involvement TF. View at

<https://pro.europeana.eu/project/preparing-europeana-for-iif-involvement>

²⁰² TF Europeana Migration. View at

https://docs.google.com/document/d/13leiLdY-IFEA0whyU3TxFzsk1_TVxasRwZ4Oh-epQI/edit

²⁰³ TF 2 Impact Assessment. View at

<https://docs.google.com/document/d/1Suvr4Urfz8VOFvewKrNDD5293FegkKufiXNRWWzbWFc/edit>

²⁰⁴ WGs on Europeana Pro. View at <https://pro.europeana.eu/network-association/working-groups>

Currently EF supports six active WG (WG Copyright Policy²⁰⁵, WG Library²⁰⁶, WG #AllezCulture²⁰⁷, WG Data Quality²⁰⁸, WG Europeana Pro²⁰⁹, and WG Governance²¹⁰).

User community engagement and support

EF continues to foster communities of transnational networks of experts and specialists in the fields of creating, preserving and publishing digital cultural heritage online. (Tender, task 4.7. Europeana Network community management) Two groups meet regularly to resolve or work on issues: EuropeanaTech community and Europeana IPR community²¹¹.

EuropeanaTech community

NISV coordinates the EuropeanaTech community together with EF, focusing on digital engagement but also events. (Tender, task 4.7.1 EuropeanaTech community)

NISV regularly publishes a newsletter for the EuropeanaTech community. All newsletters can be viewed on Europeana Pro.²¹² The latest edition of EuropeanaTech Insight²¹³ was done in collaboration with participants of the 2017 TPDL conference (December 2017).

In October, EF reinforced communication with the Wikimedia Foundation by organizing a session on "How can GLAMs grab the low hanging fruit?". EF also continued liaison with the Pelagios Linked Past community²¹⁴ by attending its conference and participating the writing of a strategy white paper.

In November, EF presented the work of Europeana on Linked Data, data quality and semantic enrichment at the, 'Connected Data London' conference²¹⁵ and a seminar at the Finnish National Museum on 'Collections: storing and using of the metadata'. EF also continued discussions on interoperability of semantic representation of historical time periods by attending the PeriodO 2 workshop.

In December, NISV and EF discussed with the IIF consortium²¹⁶ possible follow-ups for the EuropeanaTech task force on preparing Europeana for IIF involvement (i.e. representation of the IIF community at the EuropeanaTech conference, 2018).

²⁰⁵ Copyright Policy Working Group. View at <https://pro.europeana.eu/project/copyright-policy-working-group>

²⁰⁶ WG Library. View at <https://pro.europeana.eu/project/library-wg>

²⁰⁷ WG #AllezCulture. View at <https://pro.europeana.eu/project/allezculture-working-group>

²⁰⁸ WG Data Quality. View at <https://pro.europeana.eu/project/data-quality-committee>

²⁰⁹ WG Europeana Pro. View at <https://pro.europeana.eu/project/europeana-pro-wg>

²¹⁰ WG Governance. View at <https://pro.europeana.eu/project/governance-working-group>

²¹¹ A dedicated space on Europeana pro will be created throughout the Europeana DSI-3 project.

²¹² EuropeanaTech newsletters. View at <https://pro.europeana.eu/page/europeanatech-insight>

²¹³ EuropeanaTech Insight. View at <https://pro.europeana.eu/page/issue-8-tpdl>

²¹⁴ Pelagios Commons. View at <http://commons.pelagios.org/>

²¹⁵ 'Connected Data London' conference. View at <http://connected-data.london/>

²¹⁶ IIF consortium. View at <http://iif.io/community/>

Europeana IPR community

EF and Lovegrove, supported by KL, will further develop the IPR community. (Tender, task 4.7.2 Europeana IPR community). Since September, EF and KL undertook research into the activities and interests of potential members of the IPR/copyright community. Currently preparations for the development of a dedicated page for the community on Europeana Pro are undertaken. The community will be launched in Q1 of 2018.

Cultural heritage institutions and stakeholders

EF communicates with CHIs and other stakeholders on Europeana Pro²¹⁷. (Tender, task 4.1.1 Communication to cultural heritage institutions and stakeholders) Communication activities are mainly reported in the sections related to the target market and/or subject of communication. Additional communication efforts are described below. A full list of communication activities is provided in [Annex IV: Communication and dissemination activities](#).

In November/December, EF developed its key messages to support all communication in the next phases of Europeana DSI-3. Template texts covering key messages (summarised as 'equality', 'reliability', 'innovation', 'connection' and 'transformation') as well as FAQ style answers (such as 'What is Europeana?') will be made available to all staff and shared with partners.

In November, EF promoted the most recent ENUMERATE survey results on the digitisation in Europe, in a blog post²¹⁸, the November edition of the Europeana Network newsletter, and a series of tweets. The French media website Actualite picked up on this and wrote an article²¹⁹ about the survey results, and highlighted it in their newsletter going to a large number of professionals. As a result, there have been a high number (over 1,000) views of the Europeana blog.

In November, EF announced the Heritage in Motion (HIM) awards results in a blog²²⁰ published on European Pro. It presented the innovative multimedia achievements related to Europe's cultural heritage in each category, including quotes from both the winners and the jury. The November Network newsletter also linked to this blog.

Europeana Communications group

²¹⁷ Europeana Pro. View at <https://pro.europeana.eu/>

²¹⁸ Blog post Charting trends in digitisation of heritage collections: read the ENUMERATE Survey results. View at <https://pro.europeana.eu/post/charting-trends-in-digitisation-of-heritage-collections-read-the-enumerate-survey-results>

²¹⁹ Environ 20 % du patrimoine européen a été numérisé. View at <https://www.actualite.com/article/patrimoine-education/environ-20-du-patrimoine-europeen-a-ete-numerise/86029?origin=newsletter>

²²⁰ Blog on Heritage in Motion 2017 winners. View at <https://pro.europeana.eu/post/focus-on-heritage-in-motion-2017-winners>

EF maintains a Europeana Communications group that proactively reinforces Europeana communications and campaigns through relevant networks and communities and helps address the issue of multilingualism. Its intention is to create a small but active group of comms professionals who can help to multiply Europeana's campaign messages, and who see Europeana as a source of useful and trustworthy comms information for the digital heritage world. (Tender, task 4.1.6. Europeana Communications group)

Monthly we sent an email newsletter²²¹, which includes campaign news from Europeana, as well as PR, social media and communications tools and resources. The average open rate is still high with 56% and click rate 19%. This has gone down slightly but this was to be expected - people tend to engage with mailing lists most just after signing up. We also carried out a survey which showed that members appreciate the newsletter and find it useful. Members wish to become more active by sharing experiences and expertise with Europeana and each other. Their preferred method is Basecamp. As a result, EF established a page on Europeana Pro for the group²²², and a Basecamp project opened. In 2018, members will be invited to join the Basecamp and the first discussions and calls to action will be instigated.

Statistic Reporting

EF continues to provide the usage statistics of Europeana on the Europeana Pro Page. We provide quarterly reports²²³ on the Europeana end-user products, social media and third-party platforms. We published the latest report in October 2017²²⁴ which illustrates the developments over time in 2017. EF also provides the reports for Members States²²⁵ of which we increased the frequency from once to two per year. (Tender, task 4.2. Improved statistics reporting on use of Europeana)

Europeana Aggregator Forum

EF maintains and develops the Europeana aggregator community by organizing Aggregator Forum meetings and maintaining a Basecamp for communication. Both provide opportunities to share experiences, resolve issues, formulate best practices and co-develop guidance for institutions on technical and legal requirements. (Tender, task 2.7 Europeana Aggregator Forum)

In November, in cooperation with the Croatian Ministry of Culture, EF organised the autumn edition of the Aggregator Forum meeting from in Zagreb. The meeting and a

²²¹ Communications update from Europeana. View at

<http://us3.campaign-archive.com/home/?u=ad318b7566f97eccc895e014e&id=6741190c56>

²²² Communications news, tools and resources to your inbox. View at

<https://pro.europeana.eu/network-association/special-interest-groups/europeana-communicators-group>

²²³ Usage statistics of Europeana data. View at

<https://pro.europeana.eu/resources/statistics/europeana-usage-statistics>

²²⁴ Usage Statistics Q3 2017. View at <https://pro.europeana.eu/page/europeana-statistics-q-3-2017>

²²⁵ Member states page on Europeana Pro. View at <https://pro.europeana.eu/what-we-do/member-states>

workshop with Croatian CHIs brought together about 90 cultural heritage professionals. In workshops and plenary sessions we worked on aggregator challenges, the implementation of frameworks, the next steps to finalise the white paper 'A new landscape for Aggregation', and on ways to open up data from Croatia. A full report can be viewed following the link in the footnote²²⁶. A set of mini-task forces to further the changes delineated in the Whitepaper have commenced, including one on future funding.

Initial preparation for the first Aggregator Forum meeting in 2018 is underway. This meeting is going to be held in Germany. Dates and venue still need to be decided.

Europeana Foundation Board / Steering Group / DCHE

EF is governed by the Europeana Foundation Governing Board and convenes as the Steering Committee of Europeana DSI-3. The Board addresses the progress, risks and mitigation, issues with partners and finances of Europeana DSI-3, among other topics. EF also collaborates with European Commission's Expert Group on Digital Cultural Heritage and Europeana (DCHE) and assess suggestions for improvements received from Commission services (Tender, task 6.1. Europeana Foundation Board / Steering Group / DCHE)

In November, a second meeting with the DCHE took place, EF presented the status of Q3 KPIs, aggregation product review, Europeana Foundation's position on the Advisory Committee, data quality targets, updates on Member States financial contributions and Europeana hosting, major institutions list validation, a glimpse of Business Plan 2018, and Europeana's participation in EYCH 2018.

F. Maintain an international interoperable licensing framework

EF and KL continued to maintain the Europeana Licensing Framework²²⁷ with the aim to standardise and harmonise rights related informations and practices. We also worked with partners across the world to promote and maintain Rightsstatements.org²²⁸ to assure interoperable, machine readable rights statements that work for cultural heritage. (Tender, task task 1.9. Maintain and further develop Europeana Licensing Framework, task 1.10. Rightsstatements.org governance and network)

EF and KL have continued to work on the review of the Data Exchange Agreement (DEA)²²⁹ of the Europeana Licensing Framework. The agreement structures the relationship

²²⁶ Aggregator Forum meeting, 2-3 November 2017. View at

<https://docs.google.com/document/d/11-zfibcnsTO-JBLjTx2215HZPfwBHhGeWUW1jkdPWdQ/edit>

²²⁷ Europeana Licensing Framework. View at <https://pro.europeana.eu/post/the-europeana-licensing-framework>

²²⁸ Rightsstatements.org. View at <http://rightsstatements.org/en/>

²²⁹ Data Exchange Agreement. View at <https://pro.europeana.eu/page/the-data-exchange-agreement>

between EF and data providers. A paper delineating the changes needed was approved by the Board on November 28th and the Commission was requested to comment prior to commencing consultation with data partners.

EF chairs the steering Committee for Rightsstatements.org²³⁰. It consists of representatives of the continental digital libraries or platforms (including EF, Digital Public Library of America (DPLA)²³¹, Library & Archives Canada (LAC), National Digital Library of India (NDL)) that make use of the structure.

In November/December, EF and KL coordinated the development of the draft rightsstatements.org consortium business plan for 2018 and we are currently processing a number of translations. Rightsstatements.org welcomed Australia digital library (Trove) as a new partner to the consortium.

G. Implement and develop new strategies, services and business models

EF discussed the first draft of the Business Plan 2018 with the ENA Members Council during the Annual General Meeting (AGM) in Milan, Italy. The Business Plan 2018 will align with the Europeana DSI-3 Tender, the advice of the DCHE and may, from DSI-4, be reviewed by the Europeana Advisory Board.

Impact of digitisation and reuse of cultural heritage

EF developed the Europeana Impact toolkit, connected with the task force on Impact and engaged with the community that it will further develop on impact in the cultural heritage sector. (Tender, task 5.1. Impact Assessment Framework toolkit, task 5.2 Europeana Impact Assessment Framework studies, task 5.3 Impact studies)

EF worked with the Impact Assessment Taskforce²³² towards the publication of the components of the impact toolkit. The components developed consisted of a guide for cultural heritage organisations to assess their impact - the Europeana Impact Playbook²³³. The impact work is supported by a video explainer²³⁴, a website²³⁵, blogs and a community of impact professionals (on LinkedIn²³⁶, 144 followers). A marketing and comms plan was

²³⁰ Rightsstatements.org. View at <http://rightsstatements.org/en/>

²³¹ Digital Public Library of America (DPLA). View at <https://dp.la/>

²³² Impact Assessment Taskforce. View at <https://pro.europeana.eu/project/impact-assessment>

²³³ Europeana Impact Playbook. View at

<https://pro.europeana.eu/post/introducing-the-impact-playbook-the-cultural-heritage-professionals-guide-to-assessing-your-impact>

²³⁴ Impact video. View at <https://vimeo.com/238533045>

²³⁵ Impact website. View at <https://pro.europeana.eu/what-we-do/impact>

²³⁶ Impact of Cultural Heritage Institutions on LinkedIn. View at <https://www.linkedin.com/groups/13528017>

created and executed for the launch of the first phase of the Impact Playbook to raise awareness in the sector and to encourage downloads.

Since launch (October 2017) the Impact landing page has been visited over 4,500 times, the video viewed over 1,300 times and the Impact Playbook has been downloaded 1,450 times. Visitors have come to the landing page from 58 countries around the world. A further blog on how the impact toolkit was developed was published in December²³⁷. EF will work with the taskforce to develop the playbook further. EF also started preparatory work for the development of ten case studies which will apply the methodology explained in the playbook in 2018.

Work with Member States and EU Parliament

EF continued working with policy makers to help connect ministries of culture, education, research, tourism and enterprises to digital cultural heritage and Europeana's five markets. (Tender, task 4.1.2 Organise EU presidency events to connect to policy makers to Europeana)

EF has a dedicated space on Europeana Pro for Member States²³⁸. We regularly publish a newsletter specifically targeted towards Member States (i.e. Europeana Quarterly Update - Autumn 2017²³⁹). We worked on the improvement of country reports and a set-up for collaboration with the Member States on quality targets for content and metadata. Poland and Netherlands contributed the committed funds to Europeana.

Following the publication of the actions²⁴⁰ from the Maltese presidency meeting 'Teaching about Migration' (October 2017) participants and their networks were called to action. The next event under Bulgarian presidency will take place in Bulgaria in March 2018.

H. Make necessary dispositions to host the results of the Europeana Generic Services Projects

The first three projects under the Europeana Generic Services call (CEF work programme 2016) run during Europeana DSI-3. EF made first organisational actions to make sure that the thematic collections related to the three projects (Migration in the Arts and Sciences, Rise of Literacy, Byzantine Arts and Archaeology) will be available on the Europeana Core Service Platform in accordance with their product plans and descriptions.

²³⁷ Developing the impact toolkit. View at <https://pro.europeana.eu/post/developing-the-impact-toolkit>

²³⁸ Members State page. View at <https://pro.europeana.eu/what-we-do/member-states>

²³⁹ Europeana Quarterly Update - Autumn 2017. View at <http://mailchi.mp/ccedb7d845a9/europeana-quarterly-update-autumn-2017>

²⁴⁰ Teaching Migration: six actions to make cultural heritage fit for education

. View at <https://pro.europeana.eu/post/teaching-migration-six-actions-to-make-cultural-heritage-fit-for-education>

Migration in the Arts and Science²⁴¹

Since September 2017, EF and consortium partners meet regularly to discuss content selection, ingestion and curation. Basecamp is being used effectively as a communication tool. In September/October, a survey to gauge relevance of potential content to target markets was completed with 164 responses. Analysis showed that users want material with direct, tangible links to migration, with documentary evidence, cultural, historical and personal artefacts and personal stories being valued.

In November, EF published a preliminary version of our new thematic collection on migration²⁴². This launch was not proactively promoted externally. The site is a work in progress and the preliminary version is the start of its development over 2018. The preliminary version features currently 200,000 records from c. 750 institutions across Europe. A blog²⁴³ and other material were published calling on cultural heritage institutions to provide relevant content for Europeana Migration.

Rise of Literacy²⁴⁴

Since September 2017, EF and consortium partners meet regularly in various groups. This includes a sub-group dedicated to crafting and delivering the editorial, groups dedicated to the two thematic collections that will be delivered (Europeana Manuscripts and Europeana Newspapers), and the full project group. Basecamp is being used effectively as a communication tool.

In November/December, EF tested the Manuscripts collection query for the launch of the thematic collection by April 2018. Members of the consortium attending the Europeana AGM discussed this in brief and will hold a follow-up meeting to develop the query further. Currently, datasets (of partners not participating in the Rise of Literacy project) are being identified for inclusion in the query and in the editorial. Work on the Manuscripts Collection Plan has begun, with a view to having a draft ready for the launch of the thematic collection.

²⁴¹ Project page Migration in the arts and Sciences on Europeana Pro. View at <https://pro.europeana.eu/project/migration-in-the-arts-and-science>

²⁴² Europeana Migration. View at <https://www.europeana.eu/portal/en/collections/migration>

²⁴³ Blog on Contribute your collections on Europe's migration heritage <https://pro.europeana.eu/post/contribute-your-collections-on-europe-s-migration-heritage>

²⁴⁴ Project page Rise of Literacy on Europeana Pro. View at <https://pro.europeana.eu/project/rise-of-literacy>

Byzantine Arts and Archaeology (BYZART)²⁴⁵

Following blog introduces the BYZART project and its consortium members.²⁴⁶ The BYZART consortium issued a 'call for content' on Europeana's Aggregation Basecamp to data providers holding relevant material.

Progress on Handover

EF is preparing Europeana DSI for open procurement from mid-2018. For this objective, EF has identified its assets and liabilities that are essential for operating the Digital Service Platform (DSI). These are identified in Deliverable E.1. The document was submitted to the Commission in October 2017 and updated upon the Commission's request, during this reporting period.

2. Key Performance Indicators (KPI)

The Business plan 2018 may introduce new and updated KPIs which might result in an update of the KPIs for Europeana DSI-3. Some KPIs, especially those looking at user satisfaction are likely to be revised. Until the end of 2017, EF will report against the KPIs of the Business plan 2017²⁴⁷, as described in the tender. This report states the KPIs measured until the end of November 2017.

EF has achieved increasing the percentage of Tier 3 and 4 material to c. 18% (November 2017) with an initial target of at least 16% of the total by the end of 2017. We aim to increase the quality of the database to 85% Tier 2+ material by 2020 (as outlined in the Europeana 2020 Strategy²⁴⁸).

We over-performed in our reach of Europeana data on third party platforms (Wiki, DailyArt ect.) (November 2017: c. 128,5 million impressions; target December 2017: 125 million impressions). The reach of Europeana data via EF's own social media channels is also performing much better than initial targeted (November 2017: c. 165 million impressions; target December 2017: 75 million impressions). As a result of of GIF IT UP and GIFs trending on GIPHY we received a higher number of impressions on social media with c. 82,6 million impressions (November 2017). Users are highly engaged on our social media channels by

²⁴⁵ Project page Byzantine Arts and Archeology on Europeana Pro. View at <https://pro.europeana.eu/project/byzantine-art-and-archaeology>

²⁴⁶ Blog on The BYZART project: creating one of the widest online collections of Byzantine art and archaeology. View at <https://pro.europeana.eu/post/byzantine-art-and-archaeology>

²⁴⁷ 'Spreading the Word': Business Plan 2017. Read at <https://pro.europeana.eu/post/spreading-the-word-business-plan-2017>

²⁴⁸ Europeana Strategy 2015-2020. View at <http://strategy2020.europeana.eu/update/>

sharing and liking posts (November 2017: c. 470 thousand shares/likes; target December 2017: c. 318 thousand shares/likes).

The overall traffic to the site is behind target (November 2017: c. 3,5 million visits; target December 2017: c. 6 million visits). Most of the traffic on Europeana comes from long tail organic searches in Google leading to record pages. The decrease of the number of Europeana pages indexed by Google (due to little metadata descriptions) caused the decrease in traffic coming from organic searches through Google. EF took remedial actions such as diversification of the traffic sources, promotion of the curated parts of the page, and introduction of entities which will hopefully stop traffic drop over time. First indications are positive.

The engagement on Europeana thematic collections is performing excellently with a high rate of returning visitors (November 2017: c. 34% returning visitors, average on all thematic collections; target December 2017: >30%). Most popular are Europeana Art, Europeana Fashion, and Europeana 1914-1918 thematic collections.

Engagement on the record pages with number of downloads are performing well (October 2017: c. 151 thousand downloads; target December 2017: 180 thousand downloads). The numbers of downloads on Europeana Collections just show numbers until October 2017. During a new deployment in October, an error occurred blocking Google Analytics from tracking custom events. This means the data for November is missing.

Clickthroughs to data partners website are behind target (October 2017: c. 702 thousand clickthroughs; target December 2017: 1,2 million clickthroughs). The numbers of clickthroughs just show numbers until October 2017. During a new deployment in October, an error occurred blocking Google Analytics from tracking custom events. This means the data for November is missing. Additionally, the decrease of the number of pages indexed by Google influences this KPI, as less people reach pages with poor quality (e.g. records that have little metadata description). These pages are more likely to have further engagement to the partner's website (if a user is interested in more description of the record he may clicked-through to the data partners website). We also developed our direct view of objects on the record pages which may impact on the number of clickthroughs.

We exceeded our target number of educational partnership by establishing seven new partnerships (target December 2017 three partnerships). In regard to new products and services inspired by or developed with Europeana content in the Creative Industries market, we are also over-performing with 27 new products/services established (target December 2017 20 new products/services).

Before cleaning up of the members registered, there were 1967 individual members, so far 1382 members confirmed their membership, we expect to get close to the 1800 targeted for 2017.

ID	Description	Actual 30 September 2017	Actual 30 November 2017	Proposed target end of 2017
Cultural Heritage Institutions				
KPI 1.1	60% of participating CHIs rate Europeana services 4 or higher on a Likert scale of 1-5	Not measured	Not measured	60%: 4+
KPI 1.2	Increase the percentage of Tier 3 and 4 material to at least 16% of the total	17.9%	C. 18%	16%
European Citizens				
KPI 2.1	>60% 4+ average user satisfaction for all thematic collections, exhibitions and blog (culture lovers)	Not measured	Not measured	60%: 4+
KPI 2.2. a	Reach of Europeana data: total impressions 3rd parties (Wiki, DailyArt ect.): 125 million	93,343,953	128,490,563	125,000,000
KPI 2.2. b	Reach of Europeana data: Total impressions social media: 75 million	74,681,807	165,198,864	75,000,000
KPI 2.2. c	Reach of Europeana data: Total engagement social media (shares/likes): 318 thousand	386,566	470,126	318,000
KPI 2.2. d	Reach of Europeana data: Traffic overall: 6 million visits	2,822,242	3,539,388	6,000,000
KPI 2.3. a	Engagement on Europeana products Returning visitors >30% average on all thematic collections	30,68%	34,32%	>30%
KPI 2.3. a.1	Engagement on Europeana products Returning visitors >30% average on all thematic collections - Art Collections	31,5%	33,2%	>30%
KPI 2.3. a.2	Engagement on Europeana products Returning visitors >30% average on all thematic collections - Music Collections	27,7%	31,7%	>30%
KPI 2.3. a.3	Engagement on Europeana products Returning visitors >30% average on all thematic collections - Fashion Collections	35,8%	36,9%	>30%
KPI 2.3. a.4	Engagement on Europeana products Returning visitors >30% average on all thematic collections - Photography Collections	23,9%	35,9%	>30%

KPI 2.3. a.5	Engagement on Europeana products Returning visitors >30% average on all thematic collections - 14-18 Collections	34,5%	33,9%	>30%
KPI 2.3. b	Engagement on Europeana products Downloads: 180 thousand	132,698	151,164 (October 2017)	180,000
KPI 2.3. c	Engagement on Europeana products Click-throughs: 1.2 million	626,455	702,258	1,200,000
Research				
KPI 3.1	>60% of users rate Europeana services 4 or higher on a Likert scale of 1-5	Not measured	Not measured	60%: 4+
KPI 3.2	Consolidate partnerships with two research infrastructures that make Europeana data available	2	2	2
KPI 3.3	Three publishable case studies from grant funding	3	3	3
Education				
KPI 4.1	>60% of users rate Europeana services 4 or higher on a Likert scale of 1-5	Not measured	Not measured	60%: 4+
KPI 4.2	Develop three new educational partnerships that make Europeana data available	6	7	3
Creative Industries				
KPI 5.1	>60% of users rate Europeana services 4 or higher on a Likert scale of 1-5	Not measured	Not measured	60%: 4+
KPI 5.2	Minimum of 20 new products and services inspired by or developed with Europeana content	11	27	20
Europeana Network				
KPI 6.1	Minimum of 1,800 Network Association members	C. 1,850	1,967	1,800
KPI 6.2	Six active Network Task Forces	5	4	6
KPI 6.3	Five active Network Working Groups	6	7	5

4. Deviations and adjustments

There are no deviations in this period.

5. Major changes in staff if applicable

On september 18th 2017 DEN's director MC de Niet left DEN, from that moment on M. Streefkerk and A.C.A.B.W. Neijenhuis are both acting directors. Starting from February 1st 2018 M. Verberk will be director.

6. Risk register update

EF started to investigate potential risk in regard to the individual activities undertaken in Europeana DSI-3. The following table reflects the current risk assessment of Europeana DSI-3.

Risk id	Description	Likelihood of occurrence	Impact	Mitigation Strategy
R1	Aggregators and content providers cannot deliver contents in the high quality as required	medium	high	<ul style="list-style-type: none"> - training on the Europeana Publishing Framework - showcasing the value of high-quality data for reuse, social media etc. - continuous update of statistics of data with regards to EPF-tiers - withholding of payment until task is completed if considered technically, organisationally and financially feasible.
R2	Legal issues with the transfer of assets to a possible successor supplier	medium	high	<ul style="list-style-type: none"> - early start of the handover-task - early information and advice on possible legal issues
R3	Technical issues with a transfer of the IT-platform	low	high	<ul style="list-style-type: none"> - test of the process in M6 - develop complete and full documentation
R4	Financial stability of some participants may fluctuate causing financial or organisational problems for other consortium members	low	high	<ul style="list-style-type: none"> - create a consortium agreement with a clause on liability
R5	Partners or subcontractors are not aware of all pre-existing rights; IP and	high	medium	<ul style="list-style-type: none"> - every participant and subcontractor will be asked to create a list of pre-existing rights,

	copyright status of existing material used under this tender is not completely clear			which will be delivered to the Commission
R6	The IT-platform will not be as robust as expected	medium	high	<ul style="list-style-type: none"> - review of the IT-platform is part of the tasks. - Europeana employs recovery services to mitigate the consequence of database failures.
R7	Absence of concrete participation of national aggregators	low	high	<ul style="list-style-type: none"> - activate and involve national platforms and networks into the aggregator community and the Europeana Network
R8	Regulatory changes on copyright for digitisation of (mainly) 20th century material	medium	high	<ul style="list-style-type: none"> - Raise of awareness issues of consequences of changes in copyright law. - Active involvement of the Europeana Network into copyright reform
R9	General usage is perceived as too low	high	high	<ul style="list-style-type: none"> - increase involvement of partners, social media hubs and platforms - increase understanding of search engine algorithms. - use benchmarks with other digital libraries

7. Balance of efforts (up to 30 November 2017)

The Balance of efforts table states the percentages of resources allocated to each of the eight activities performed in the project. The numbers are stated cumulative while the November figures reflect the timeframe 1st September until 30 November 2017.

Category of activity	Foreseen Percentage of the full contract value in the tender	September 2017	November 2017
1. Platform maintenance and development	38%	40.6%	40.7%
2. Fostering content supply	18%	19.6%	18.7%
3. Fostering content reuse	19%	17.3%	16.8%
4. Communication and dissemination	14%	8.6%	9.2%
5. Studying the impact of digital cultural heritage	2%	1.8%	2.8%
6. Governance	1%	2.6%	2.1%
7. Handover	3%	0.5%	0.5%
8. Project management	5%	9.0%	9.2%
Total	100%	100%	100%

9. Progress on deliverables

Deliverables	Type	Due end of month	Status
A.1 Europeana infrastructure version 1.0	Report	M6	In preparation
A.2 Europeana infrastructure version 2.0	Report	M12	
B.1 Inception report	Report	M1	M1 Delivered to EC
B.2 Periodic report	Report	M2, M4, M6, M8, M10, M12	M2, M4 Delivered to EC
B.3 Final report	Report	M12	
C.1 Technical documentation	Report	M9 ,M12	
C.2 Usage pattern reports	Report	M4, M8, M12	In preparation
C.3 Data access pattern reports	Report	M4, M8, M12	In preparation
C.4 Stress and disaster recovery test reports	Report	M9	
C.5 Reports on suggestions for improvements received	Report	M5, M10	In preparation
D.1 Study on impact of digitisation and reuse of cultural heritage	Report	M12	
E.1 Transfer of assets and liabilities report	Report	M1, M10	M1 Delivered to EC
E.2 Transfer process report	Report	M6, M10	In preparation
E.3 Employed staff report	Report	M1, M6, M9, M12	M1 Delivered to EC

Annex I: Helpdesk services and expertise

The annex states activities from 1st September until 31st December 2017.

CHI that received support	Kind of support received (one-on-one, workshop, specific training,...)
2Culture	
CARARE membership	2Culture and AthenaRC: domain helpdesk services provided for MINT, MORE and pro.carare.eu.
Swedish National Heritage Board	2Culture: support on preparation of high quality datasets, one-on-one support on the addition of SKOS subject concepts from AAT.
Deutsches Archäologische Institut	2Culture: support on preparation of high quality datasets, one-on-one support on EDM mapping for ARACHNE data
Netherlands Architecture Institute/Het Nieuwe Instituut	2Culture: liaison with Rijksdienst voor het Cultureel Erfgoed, Netherlands and advice on aggregation channels
Heritage Malta	2Culture: support on preparation of high quality datasets, one-on-one support on EDM mapping
Rijke Industrial Heritage	2Culture: advice on aggregation channels
Visual Dimension	2Culture: one-on-one advice on metadata
University of York, Archaeology Data Service	2Culture: one-on-one support on metadata mapping, the addition of SKOS subject concepts from AAT, and use of the new rights licence suite.
Rijksdienst voor het Cultureel Erfgoed, Netherlands	2Culture: one-on-one advice on republishing a collection to address a rights issue.
Ministry of the Brussels Capital Region	2Culture: liaison concerning an update of their collection
Archive de la Gironde	2Culture: support on preparation of high quality datasets
Royal Society of Antiquaries of Ireland	2Culture: support on preparation of high quality datasets
AIT Graz	
DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH	AIT-Graz: One-on-one advice on image access

NHMV - Natural History Museum Vienna	AIT-Graz: support on preparation of high quality datasets, One-on-one advice on image quality
FOTO_AM - Department of Life Sciences, University of Trieste	AIT-Graz: One-on-one advice on data access
GBIF France	AIT-Graz: One-on-one taking up communication for joining Europeana
ZFMK	AIT-Graz: One-on-one contact concerning quality improvement
Jena/Halle herbarium	AIT-Graz: One-on-one taking up communication for joining Europeana
Herbarium Gatersleben	AIT-Graz: support on preparation of high quality datasets, One-on-one communication on finalizing the connection
Natural history museum Luxembourg	AIT-Graz: support on preparation of high quality datasets
Herbarium Hamburgense	AIT-Graz: support on preparation of high quality datasets
APEF	
Croatian State Archives	APEF: Help in producing Europeana content for the #AllezDemocracy campaign
Estonian State Archives	APEF: Help in producing Europeana content for the #AllezDemocracy campaign
International Institute for Social History / Amsterdam	APEF: Help in producing Europeana content for the #AllezDemocracy campaign
Romanian National Historical Archives	APEF: Help in producing Europeana content for the #AllezDemocracy campaign
Slovakian State Archives	APEF: Help in producing Europeana content for the #AllezDemocracy campaign
Archives Hub/UK	APEF: support on preparation of high quality datasets
National Archives of Portugal and Sweden	APEF: support on preparation of high quality datasets
BL	
National Technical Library, Czech Republic (considering setting up a sounds repository in Czech Republic with other institutions)	BL: One-to-one demonstration of MINT showing how raw metadata can be transformed into EDM format
Biblioteca Catalunya	BL: Introductory email conversation: explaining how to get signed up as an associate provider to Europeana Sounds; what

	would be needed from the dataset in order for it to appear on Europeana Music; how we use MINT to transform data.
All Europeana Sounds data providers	BL: General communication, via basecamp, on the data quality improvements required under DSI-3 and how these can be achieved
IASA conference in Berlin, September, 2017	BL: A training workshop on MINT was delivered at the IASA conference in Berlin in September (provided by BL/eSounds partner DIZI)
DIF	
Tainiothiki tis Ellados	DIF: Feedback on preparation of XML exports and plannings for legacy data improvement (ongoing process)
Museo Nazionale del Cinema	DIF: Feedback on metadata quality and support on application of rights statements
Filmoteca de Catalunya	DIF: Feedback on metadata quality for new contribution
Austrian Film Museum	DIF: Feedback on metadata quality and XML structure issues for new contribution
EFashion	
Israel Museum (Israel)	eFashion: One-on-one support for improving of metadata mapping of their ingested datasets
Muzealne Mody (Poland)	eFashion: One-on-one support for the ingestion of a new collection in the eFashion aggregator, from excel files to the EDM XML production, including the ingestion of the related images in the eFashion repository
CatwalkPictures (Belgium)	eFashion: One-on-one support for the ingestion of a new dataset directly via a SOAP interface in MINT
Bezalel Academy (Israel)	eFashion: One-on-one support for the preparation of a dataset to be ingested in the eFashion aggregator
MCA	
SPK (Germany)	MCA: One on one. Planning the new publication of old datasets (provided under the ATHENA and Linked Heritage projects) and inclusion of new records
Israeli Museum (Israel)	MCA: One on one: Instructions on how to update the collection published in 2010 under the ATHENA project (switch from ESE to EDM, inclusion of new pictures)
Collections Trust (UK)	MCA: One on one: analysis of around 500,000 records provided under the AthenaPlus project; the majority is not EPF compliant. Planning of the activities for 2018.

LGMA (Ireland)	MCA: One on one: analysis of the content provided under the AthenaPlus project; its structure is no more compliant with the current Europeana quality parameters.
Hungarian Fine Arts Museum / Museum of History (Hungary)	MCA: Planning the aggregation of new collections.
NISV	
FINA (Filmoteka Narodowa - Instytut Audiowizualny)	NISV: Support on access to MINT, aggregation routes in EUscreen, and advice on content and metadata questions, in order to provide new data as well as update existing datasets
RTV (Radio-televizije Vojvodina)	NISV: New partner. Support on general workflow and guidelines in EUscreen, extensive advice on first mapping to EDM in MINT
RTVE (Radiotelevisión Española)	NISV: New partner. Support on general workflow and guidelines in EUscreen, access to MINT.
Photocons	
Archivo Jalon Angel (Zaragoza)	Photocons: support on preparation of high quality datasets, One-on-one support for building the database from the scratch.
EUROPhoto/Ansa	Photocons: Contacts with ANSA, the former coordinator of EUROPhoto project, did not generate the hoped result of resuming the EUROPhoto server (thus allowing the broken links to work again). As a consequence the entire dataset was put offline by Europeana.
Fortepan Archive	Photocons: Contacts with Hungarian archive Fortepan, who were interested in providing content to Europeana. They joined Photoconsortium with the aim of getting trained in 2018 for contribution to Europeana Photography.
Photography professional Oote Boe	Photocons: support on preparation of high quality datasets

Annex II: Data quality improvements

The annex states activities from 1st September until 31st December 2017.

Objective from data quality plan	Progress as of December 2017
2Culture	
broken links	Ongoing work with DAI
rights statements	Review of new rights licences for ADS content
Skos: subject concept for archaeology and architecture	Analysis of AAT subject headings for Archaeology and Architecture; Europeana DPS team requested to add AAT

	concepts to SNHB collection, as agreed with the partner; Work with ADS to add subject concepts.
Contextual metadata	Request to Europeana to republish Discovery Programme collection as the original publication failed to use the AAT terms to create SKOS concepts.
multilinguality	Adding XML language attributes to ADS collection
AIT Graz	
edm:Place	Specification and discussion with Europeana of results to be achieved on display issues
skos:Concept and related children	First analysis of existing language codes and start of internal design of envisaged solution
APEF	
apeEAD to EDM conversion improvement	Better understanding of how to finetune the mapping of apeEAD to EDM in order to start working on improving the data quality of Archives Portal Europe contributions
BL	
remove all snippets / provide access to full media	Activity not started yet
40% increase of language attributes populated in the following edm properties: attributes in dc:description, dc:type, dc:subject and dc:title in accordance with ISO 639-2 two letter code	All 80,000 of the BL's metadata records have now been revised to include the ISO 639-2 two letter code. Instruction on how to revise datasets in this way have been communicated to Europeana Sounds data providers.
Improvement of geo-location metadata	All of the BL's metadata records have now been revised to include geo-location metadata. Instructions on how to revise datasets in this way have been communicated to Europeana Sounds data providers.
Improvement of the edm:Agent data	Activity not started yet
Improvement of date values	Activity not started yet
DIF	
Identify unmatched local terms and match them to EFG vocabularies to achieve a normalized display of data	In progress, issues identified for currently three archives, remedial actions planned

Monitor and fix broken links caused by archives moving their content to different servers	In progress, affects video collections of five archives where move of content is happening, contribution of link updates discussed with respective partners
Related to all data quality plan objectives	Identification of necessary EFG-EDM mapping adaptations and communicating these to technical subcontractor. This will help to remedy issues with some part of the EFG metadata.
Increase skos: concept class	Analysed terms in dc:type and contacted Europeana ingestion team to propose additional AAT term for consideration in the DPS team's vocabulary list
Improve multilinguality	Language attributes added for one data set
eFashion	
100% of the relevant fields have the xml:lang attribute Sub-objective: Align attributes with ISO 639-3 (older mappings may have 639-2 language tags)	Methodology for normalisation developed; Normalisation work started (7% done)
100% of the records have at least one instance of dc:type	Methodology for normalisation developed; Normalisation almost completed (99,93% ok)
Provide edm:isShownBy that is a video for edm:type VIDEO	Normalisation 55% done; Removed 500 records with missing video (broken links to discontinued platform)
99% of all records with date information element (dc:date or dcterms:created)	Activity not started yet
MCA	
Populate 100% of the xml language attributes in dc:description, dc:type, dc:subject and dc:title with the correct value.	Analysis of the concerned datasets and possible solutions to implement (work on CVS, change mapping in MINT)
All Museu data sets should have a 75% of their records meaningfully geolocated.	Analysis of the concerned datasets and possible solutions to implement (work on CVS, change mapping in MINT)
dataset 2048087 Portable Antiquities Scheme (Collections Trust)	Action planning for 2018. Some work can be done to fix links and improve pictures. There will probably be in the portal less records but better
dataset 2048077 FotoMarburg	Finalisation of the re-publication of old datasets
NISV	

General	Discussions with NTUA on possible MINT improvements in order to carry out all objectives of the EUscreen data quality plan
edm:object size	Investigating if thumbnails of the EUscreen core collection can be provided as EPF compliant
Photocons	
Metadata training	The metadata training is foreseen in Leuven on 11-13 December 2017.
Metadata improvement	Promoter's whole dataset was updated for dc:language, dc:format and dc:type following instructions by Ingestion Team
Photography thesaurus	Discussions are progressing with Europeana and also NTUA on the possibilities for improving the photography thesaurus and linking it to standard thesauri, by dereferencing the URIs.

Annex III: Implementation of content strategy

The annex states activities from 1st September until 31st December 2017.

Partner	Activity
2Culture	
2Culture	2Culture worked with partners to foster the supply of archaeology and architecture content, and with EF to establish a collections view(s) of these themes.
ACE	
ACE	ACE has contacted the Croatian Film Archive to become a data partner and publish in Europeana.
AIT-Graz	
AIT-Graz	AIT-Graz identified new partners to use the LIDO workflow of OpenUp!
APEF	
APEF	APEF is exploring ideas on how to automatically recognise APEF content which is suitable for Europeana's thematic collections, in order to specifically channel this kind of content towards Europeana only.
APEF	APEF developed a new content policy (http://www.archivesportaleuropefoundation.eu/images/docs/New_ArchivesPortalEurope_Europeana_Content_Policy_20170426.pdf) under DSI-2, which is

	based on the principles of the Europeana content strategy. APEF is now promoting its content policy to the country manager network and supports the data partners implementing it. The most recent result is the announcement of the Riksarkivet Sweden to get rid of the paid access for its digital objects per 01/01/2018.
APEF	APEF improved the apeEAD to EDM conversion based on the new content policy and used the submissions under #AllezDemocracy as a pilot for this improvement.
APEF	APEF started to implement the rightsstatement.org statements and promoted them to data partners.
eFashion	
eFashion	eFashion finalised the ingestion of two new datasets in Tier 2 (both metadata and images) and worked with individual data partners to implement rightsstatement.org statements.
MCA	
MCA	MCA is identifying potential providers of content for the Migration Collection.
MCA	MCA supported the Byzantine Art (DSI Generic Service) project in the initial phase of this project.
NISV	
NISV	NISV has presented at the Aggregator Forum meeting in Zagreb how rightsstatements.org statements were implemented on their side. NISV is working on expanding the network of data partners.
NISV	NISV brought collections to tier 2 of the EPF by making the EUscreen player embeddable via oEmbed in Europeana Collections.
Photocons	
Photocons	Photocons (via its partner KU Leuven) participated in the content analysis and selection for the Europeana Migration project.

Annex IV: Communication and dissemination activities

The annex states activities from 1st September until 31st December 2017.

Partner	Name of event	Activity	Location	Date	Website/ Resource
EF	PeriodO workshop	Representing Europeana,	Chapel Hill, USA	18-19/12/2017	http://perio.do/

		discussing interoperability of time periods			
INESC-ID	IEEE Big Data 2017: 2nd Computational Archival Science workshop	Presentation/paper : Building new knowledge from distributed scientific corpus: HERBADROP & EUROPEANA: Two concrete case studies for exploring big archival data'	Boston, USA	13/12/2017	http://dcicblog.umd.edu/cas/ieee-big-data-2017-cas-workshop/
EF	Les lundis numériques de l'INHA en 2017-2018	Presenting Europeana	Paris, France	11/12/2017	https://www.inha.fr/fr/agenda/parcourir-par-annee/en-2017/decembre-2017/des-nouvelles-d-europeana.html
EF	European Culture Forum	Representing Europeana	Milan, Italy	07-08/12/2017	https://ec.europa.eu/programmes/creative-europe/events/20171207-european-culture-forum-2017_en
EF	Linked Pasts III: New Voices, Old Places	Contribution on coordinating the Linked Pasts community	Stanford, USA	04-06/12/2017	https://www.eventbrite.com/e/linked-pasts-iii-new-voices-old-places-registration-35950529000
EF, INESC-ID	SWIB 2017 Semantic Web in Libraries	Presentation: Perspectives on using Schema.org for publishing and harvesting metadata at Europeana	Hamburg, Germany	04-06/12/2017	http://swib.org/swib17/
FINA (Generic Services project)	Game Jam with History	Presenting & Representing Europeana	Warsaw, Poland	01-03/12/2017	http://tueuropeana.pl/

partner), EF					
PHOTOCONS	REACH kick-off meeting	PHOTOCONSORTIUM and its activities, including DSI3 and Migration were presented to the partners of this new EU H2020 project	Berlin, Germany	01-02/12/2017	http://www.digitalmeetsculture.net/article/reach-kick-off/
CLARIN, INESC-ID	Digital Infrastructures for Research 2017	Presentation: "Bringing Europeana and CLARIN together: Dissemination and exploitation of cultural heritage data in a research infrastructure "	Brussels, Belgium	30/11 - 01/12 2017	https://indico.eui.eu/indico/event/3455/session/1/contribution/14
EF	Culture & Innovation Lab	Presenting Impact	Hamburg, Germany	28/11/2017	
EF	Europeana 1914-1918 et Transcribathon dans la salle de classe	Transcribathon Presentation & Workshop for Teachers	Luxembourg , Luxembourg	23-24/11/2017	https://www.c2dh.uni.lu/events/personal-sources-wwi-and-citizen-science-opportunities-research-and-education-project
EF	Sharing is Caring	Presenting Impact	Aarhus, Denmark	19-21/11/2017	http://sharecare.nu/aarhus-2017/
PHOTOCONS	IATED/ICERI 2017 CONFERENCE	Two presentations and paper proceedings: "EUROPEANA THEMATIC COLLECTIONS AND EDUCATION: ALLIANCES FOR OPEN CONTENT" and "INNOVATE YOUR CLASSROOM WITH EUROPEANA COURSE CAPSULES – READY FOR CONSUMPTION!"	Sevilla, Spain	16-18/11/2017	http://www.photoconsortium.net/iceri-conference-for-educational-innovations/

EF	Finnish National Museum Seminar "Collections: storing and using of the metadata"	Presentation: Data scale and diversity issues at Europeana	Helsinki, Finland	16-17/11/2017	
EF	Connected Data London	Presentation: Transforming Access to Culture & History with Connected Data	London, UK	16/11/2017	http://connected-data.london/programme-2017/
PHOTOCONS, eFASHION	EVA MINERVA	Presentation: "Open Sesame: Europeana's Thematic Collections on Photography and Migration"; Presentation of the Europeana Fashion Collection and of the Europeana Collections	Jerusalem, Israel	13/11/2017	http://www.photoconsortium.net/photoconsortium-at-eva-minerva-2017/
EF	Open licences, open content, open data: tools for developing digital humanities, 2017	"Workshop: Bringing Wikipedia inside the cultural institution"	Tartu, Estonia	2/11/2017	http://dh.org.ee/category/events/dhe2017/
EF	WikidataCon	Coordinating session "How can GLAMs grab the low hanging fruit?"	Berlin, Germany	28-29/10/2017	https://www.wikidata.org/wiki/Wikidata:WikidataCon_2017
EUROCLIO	eTwinning Conference	Presentation of Europeana and activities	Malta	26-27/10/2017	http://www.anefore.lu/events/conferences-etwinning-a-malte/
EF	UNESCO-NDL International Workshop on Knowledge Engineering for Digital Library Design!	Presenting and Representing Europeana	New Delhi, India	24-28/10/2017	http://www.icof.ndl.iitkgp.ac.in/#

SPK	Impresso project kick-off meeting	Presentation of Europeana Newspapers and participated in a workshop on researcher needs of the impresso project	Lausanne, Switzerland	24-25/10/2017	http://impresso-project.ch/
EF	Smithsonian Impact Conference	Launching European Impact Playbook	Washington DC, USA	17-21/10/2017	https://dpo.si.edu/2017-smithsonian-digitization-fair-welcome-0
eFashion	Brandy17	Presentation of the Europeana Fashion collection at an international conference	Milan, Italy	17-18/10/2017	http://www.brandyspace.com/
EF	THE ARTS+ Fair (Frankfurt Book Fair)	Presentation of Europeana and activities in the Business Hub area to build new partnerships between Europeana and the creative industries sector	Frankfurt, Germany	11/-12/10/2017	https://theartsplus.com/
EF	Museums in the Digital Age	Presentation of the benefits of working with Europeana to a conference audience of museum professionals and students	Munich, Germany	05/10/2017	https://www.pinkoethek.de/museum17
EF	DIDACTA 2017	Presentation in the workshop "Digital content for education & OER"	Florence, Italy	27-29/09/2017	http://fieradidacta.indire.it/en/
EF	API World conference	Received API Award: Data API for the Europeana REST API and opportunity to connect to various (mainly	San Jose, USA	23-28/09/2017	http://apiworld.co/

		commercial) developers.			
EF, CLARIN	CLARIN Annual Conference 2017	Representing Europeana Research and its activities	Budapest, Hungary	18-20/09/2017	https://www.clarin.eu/content/programme-clarin-annual-conference-2017
EF, INESC-ID	TPDL 2017	Presentation of paper "Metadata aggregation: assessing the application of IIIF and Sitemaps within cultural heritage"	Thessaloniki, Greece	19/09/2017	http://www.tpdil.eu/tpdl2017/
EF, USFD	TPDL 2017	Presentation of paper "What Information Users Search for Using Europeana and Why"	Thessaloniki, Greece	19/09/2017	http://www.tpdil.eu/tpdl2017/
EF, INESC-ID	TPDL 2017	Presentation of paper "Data Quality Assessment in Europeana: Metrics for Multilinguality"	Thessaloniki, Greece	19/09/2017	http://www.tpdil.eu/tpdl2017/
EF	Forum Europe Ruhr / Culture 360	Panel participation "International funding environments - programmes for prosperity"	Essen, Germany	06-07/09/2017	http://www.e-c-e.de/en/forum-europe-ruhr.html

Annex V: Update on pre-existing rights

This is a current list of pre-existing rights related to activities and outcomes of Europeana DSI. Any partner reserves the right to express pre-existing rights during the project by adding/updating the list below. Communication and PR-activities from all partners are not considered outcomes or results, as is content produced by data or content providers, delivered to Europeana and aggregators. The list will be updated in the next period report (February 2018, M6).

1. Europeana Foundation (EF)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
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Any document or digital object, created by Europeana Foundation, before 31 August 2017, whether published or not;	Copyright	Stichting Europeana
The europeana.eu domain name; registered trade mark No. 005444435 filed with the Office for Harmonisation in the Internal Market (OHIM) by Stichting European Digital Library; registered trademark No. 010036853 filed with OHIM by Stichting Europeana on 10/06/2011;	Registered Trademark(s)	Stichting Europeana
The metadata databases, digital object databases and source code; software licences; computers and usage rights over leased computers and computer storage, hosting and connectivity agreements;	Licenses, database rights and copyright	Stichting Europeana
All rights which the Stichting Europeana holds under its agreements with data providers (the Data Exchange Agreements), concluded before 31 August 2017.	License(s)	Stichting Europeana

2. 2Culture Associates Ltd (2CULTURE)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Any document or digital object, created by 2Culture Associates Ltd, before 31 August 2017, whether published or not	Copyright	2Culture Associates Ltd
The CARARE.eu domain name	Registered domain name	2Culture Associates Ltd
Any document or digital object, created by either the CARARE project or the CARARE CLG before 31 August 2017 whether published or not.	Copyright	CARARE (Connecting Archaeology and Architecture in Europe) company limited by guarantee
The contact databases, metadata, source code, software licences, computers and usage rights over computer storage, hosting and connectivity agreements.	Licenses, database rights and copyright	2Culture Associates Ltd

3. Association des Cinémathèques Européennes ASBL (ACE)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Any document or digital object, created by ACE before 31 August 2017, whether published or not;	Copyright	ACE

Any document or digital object, created by EFG before 31 August 2017, whether published or not;	Copyright	ACE/EFG
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4. AIT Angewandte Informationstechnik Forschungsgesellschaft mbH (AIT GRAZ)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Any document or digital object, created by AIT Angewandte Informationstechnik Forschungsgesellschaft mbH, before 31 August 2017, whether published or not;	Copyright	AIT Angewandte Informationstechnik Forschungsgesellschaft mbH
Any document or digital object, created by OpenUp!, before 31 August 2017, whether published or not;	Copyright	OpenUp! Partners

5. AIT Austrian Institute of Technology GmbH (AIT VIENNA)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Any document or digital object created by AIT VIENNA before 31 August 2017, whether published or not	Copyright	AIT Austrian Institute of Technology GmbH
The Annotations API service	Licenses, copyright	AIT Austrian Institute of Technology GmbH
The Entity API service	Licenses, copyright	AIT Austrian Institute of Technology GmbH
The Image Similarity Search service	Licenses, database rights and copyright	AIT Austrian Institute of Technology GmbH
The Music Information Retrieval service	Licenses, database rights and copyright	AIT Austrian Institute of Technology GmbH
The Europeana-Client library, implementing support for remote invocation of Europeana Search API	Licenses, copyright	AIT Austrian Institute of Technology GmbH
The API-Commons library, implementing non-functional support for API development.	Licenses, copyright	AIT Austrian Institute of Technology GmbH
The Annotation-Id library, implementing object serialization into JSON-LD format.	Licenses, copyright	AIT Austrian Institute of Technology GmbH

The Europeana Datasets library, implementing support for aggregating user defined datasets from Europeana	Licenses, copyright	AIT Austrian Institute of Technology GmbH
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6. Archives Portal Europe Foundation (APEF)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Archives Portal Europe front-end: includes design, texts (English originals), technical settings/definition of the search index, source code for portlets in various parts of the front-end such as Search, Directory, Featured Documents, Topics, etc.	Copyright	APEF
Archives Portal Europe front-end section for registered users: includes design, texts (English originals), source code for portlets/functionalities in "My pages" (saved searches, bookmarks, collections)	Copyright	APEF
Redmine / Jira bugtracker tools	Licenses	APEF
Local Data Preparation Tool: includes design, source code for various parts (admin, conversion, validation, conversion to EDM, reports and extensions, creation/edition, etc.). XSLT-s, schema files, etc.	Copyright	APEF
OAI-PMH repository; Search Widget	Copyright	APEF
Archives Portal Europe back-end (dashboard): includes design, source code for various parts (admin, country manager/institution manager accounts, uploads, conversion, validation, publication/indexing, previews, conversion to EDM, delivery to Europeana, downloads, dashboard profiles, reports, creation/edition, etc.), XSLT-s, schema files, etc.	Copyright	APEF
APE API services	Copyright	APEF
Manuals for using the Archives Portal Europe and its tools (English originals): i.e. Country Manager Manual, Institution Manager Manual, Manual for the DPT, Manual for the OAI Console, Instructions for the search widget	Copyright	APEF
APEF wiki including all content (all manuals and technical documentation)	Copyright	APEF
Ownership of the URL archivesportaleurope.net including all subpages	Copyright	APEF

Admin access to portal(s) and dashboard(s) in all five server environments	Licenses	APEF
Ownership of the URL archivesportaleurope.eu including all subpages	Copyright	APEF
Ownership of contracts with Leaseweb with regard to the servers for the portal and the dashboard	Copyright/licenses	APEF
apeEAD: includes schema file(s), documentation and manuals	Copyright	APEF
EAG 2012: includes schema file(s), documentation and manuals	Copyright	APEF
apeEAC-CPF: includes schema file(s), documentation and manuals	Copyright	APEF
apeMETS /apeMETSRights: includes schema file(s), documentation and manuals	Copyright	APEF
Mapping and conversion to ESE and EDM	Copyright	APEF
APEnet project website: apenet.eu, including ownership of the domain name, hosting, CMS, design, texts, shared documents (deliverables, minutes, presentations, other documents from project meetings and working groups, etc.);	Copyright/licenses	APEF
APEx project website: apex-project.eu, including ownership of the domain name, hosting, CMS, design, texts (except for Articles section), shared documents (deliverables, minutes, presentations, other documents from project meetings and working groups, etc.)	Copyright/licenses	APEF
APEF website: archivesportaleuropefoundation.eu, including ownership of the domain name, hosting, CMS, design, texts (except for Articles section), shared documents (deliverables, minutes, presentations, other documents from project meetings and working groups, etc.)	Copyright	APEF
Ownership/admin access to the social media accounts (Facebook, Twitter, LinkedIn, YouTube, Vimeo, etc.)	Copyright/licenses	APEF
All videos as produced for the tutorial section of the APEnet, APEx and APEF websites mentioned above as well as for the youtube and vimeo channels	Copyright	APEF

All Archives Portal Europe content, ie metadata and digital objects, either created before or after 31 August 2017	Copyright	APEF partners and content providers
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7. Athena Research and Innovation Center in Information Communication and Knowledge Technologies (ATHENARC)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
The MORE aggregator software, metadata databases, digital object databases and source code; software licences; computers and usage rights over leased computers and computer storage, hosting and connectivity agreements.	Licenses, database rights and copyright	Athena Research and Innovation Centre
Any document or digital object, created by Athena Research and Innovation Centre, before 31 August 2017, whether published or not	Copyright	Athena Research and Innovation Centre
The LoCloud vocabulary service, databases, source code and software licences	Licenses, database rights and copyright	Angewandte Informationstechnik Forschungsgesellschaft mbH (AIT)
The LoCloud vocabulary matching and background linking services, databases, source code and licences	Licenses, database rights and copyright	University of the Basque Country
The LoCloud geolocation enrichment services, databases, source code and licences	Licenses, database rights and copyright	Institute for the Protection of Cultural Heritage of Slovenia
The LoCloud language identification service	Licenses, database rights and copyright	Athena Research and Innovation Centre
The LoCloud Geo-normalization service	Copyright	Athena Research and Innovation Centre
The LoCloud Geo coordinate transformation service	Copyright	Athena Research and Innovation Centre
The MORE Subject mappings service	Copyright	Athena Research and Innovation Centre
The MORE Temporal mappings service	Copyright	Athena Research and Innovation Centre

The CARARE MINT software, databases, source code and licences	Licenses, database rights and copyright	National Technical University of Athens
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8. The British Library Board (BL)

No pre-existing rights exist: The British Library Board was the lead partner of the Europeana Sounds project and continues to lead the Europeana Sounds Task Force. Europeana Sounds' aggregation tool is based on MINT software developed by partner NTUA and made available under the GPL licence. Data providers, who were partners or associate partners of Europeana Sounds, signed the Data Exchange Agreement (DEA) with EF and provided their content and metadata in accordance with the DEA.

9. CLARIN ERIC (CLARIN)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
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10. Deutsche Nationalbibliothek (DNB)

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11. Stichting Digitaal Erfgoed Nederland (DEN)

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12. Deutsches Filminstitut - DIF e.V. (DIF)

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13. Europeana Fashion International Association (EFASHION)

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The europeanafashion.eu domain name	Registered domain name	eFashion
The eFashion MINT software, databases, source code and licences	Licenses, database rights and copyright	National Technical University of Athens
The metadata databases, digital object databases and source code; software licences; computers and usage rights over leased computers and computer storage, hosting and connectivity agreements;	Licenses, database rights and copyright	eFashion

14. EUN Partnership AISBL (EUN)

EUN Partnership will develop, under the Europeana DSI-3 project, a set of teaching and training materials using an already established activity template, the Learning Scenario (template belonging to the Future Classroom Lab, developed in the iTEC project 2010-2014) and, using these materials, will create a Massive Online Open Course (MOOC), to be hosted on the European Schoolnet Academy. The European Schoolnet Academy is a private initiative of EUN Partnership, in the form of a professional development platform focusing on innovation in the school and classroom, which offers free massive open online courses (MOOCs) for teachers in primary and secondary schools. All the teaching and training materials, and the MOOC will be made available under Creative Commons, allowing derivatives. As the work of European Schoolnet, in DSI-3, is a work in progress, this declaration of pre-existing rights will be updated regularly, together with the project reports, and might be subject to changes.

Pre-existing material	Rights to pre-existing material	Identification of rights holder
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FCL Learning Scenario template and toolkit	Copyright	EUN Partnership aisbl
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15. Euroclio European Association of History Educators (EUROCLIO)

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The source code of the Historiana website.	Open Licenses	EUROCLIO and Webtic
The domain names www.euroclio.eu www.historiana.eu www.historiana.org		EUROCLIO
The Historiana Trademark	Trademark	EUROCLIO

16. Facts & Files Historisches Forschungsinstitut Berlin Drauschke Schreiber Partnerschaftsgesellschaft Archiv-, Geschichts- und Literaturwissenschaftler (F&F)

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The transcribathon software, databases, source code and licences	Copyright	Facts & Files / Stichting Europeana

17. INESC-ID, Instituto de Engenharia de Sistemas e Computadores - Investigação e Desenvolvimento em Lisboa (INESC-ID)

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Outofcopyright.eu	Copyright	Kennisland

19. James Lovegrove SPRL (LOVEGROVE)

No pre-existing rights exist

20. Michael Culture AISBL (MCA)

MUSEU aggregation tool is based on MINT software developed by partner NTUA and made available under the GPL licence. MCA is a European association, and the content providers who are members of MCA and are willing to cooperate in the DS13 activities all signed the DEA.

Pre-existing material	Rights to pre-existing material	Identification of rights holder
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The MUSEU.eu domain name	Registered domain name	Michael Culture AISBL
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21. Stichting Nederlands Instituut voor Beeld en Geluid (NISV)

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22. National Technical University of Athens (NTUA)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
MINT aggregation platform		National Technical University of Athens

23. International Consortium for Photographic Heritage Photoconsortium (PHOTOCONS)

Photoconsortium's aggregation tool is based on MINT software developed by partner NTUA is made available under the GPL licence. Photoconsortium is an association, and the content providers who are members of Photoconsortium and are willing to cooperate in the DSI3 activities all signed the DEA.

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The Photoconsortium domain name: Photoconsortium.net Photoconsortium.com Photoconsortium.eu Photoconsortium.org Photoconsortium.it Photoconsortium.info	Registered domain name	Photoconsortium

24. Instytut Chemii Bioorganicznej Polskiej Akademii Nauk - Poznańskie Centrum Superkomputerowo-Sieciowe (PSNC)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Source code contributed to Europeana software systems	License / IPR to source code	Instytut Chemii Bioorganicznej Polskiej Akademii Nauk - Poznańskie Centrum Superkomputerowo-Sieciowe (PSNC)
Source code of LoCloud Collections service	License / IPR to source code	Instytut Chemii Bioorganicznej Polskiej Akademii Nauk - Poznańskie Centrum Superkomputerowo-Sieciowe (PSNC)

25. Stiftung Preussischer Kulturbesitz (SPK)

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The domain name www.europeana -newspapers.eu	License	Stiftung Preussischer Kulturbesitz
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26. Semantika, informacijske tehnologije, d.o.o. (SEMANTIKA)

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27. University Court of the University of Glasgow (UGLA)

No pre-existing rights exist

28. The University of Sheffield (USFD)

No pre-existing rights exist