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### **DSI-3 third periodic report**

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

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**DELIVERABLE**

## B.2 Periodic report 3

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## Revision History

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### Statement of originality:

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

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# 1. Introduction

The third report follows up on the Deliverables B.2 of M2 and M4<sup>1</sup> and describes the work carried out in Europeana DSI-3 from 1 January 2018 until 28 February 2018. It states activities in all tasks described in the Tender, progress on KPIs, derivations and adjustments from the work plan, as well as major changes in staff (if applicable), and a risk assessment registry. The report includes an overview of the balance of efforts until the end of January 2018. 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

In addition, the report states the progress on handover as part of the objectives under Europeana DSI-3.

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<sup>1</sup> Periodic report M2 and M4. Please view project documentation on the Europeana DSI-3 project page at <https://pro.europeana.eu/project/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. A functionality as delivered to collect user generated content (UGC) on migrant stories for the Europeana Migration Campaign under active development (Europeana Contribute).
  - b. The Newspapers API (including metadata and full-text to EDM patterns, IIF Manifests) for the upcoming Newspaper thematic collection due in July 2018 under active development.
  - c. 93% of users surveyed rated Europeana Collections three (out of five)<sup>2</sup> or higher. Europeana Collections received a Net Promoter Score rating of 69. A NPS that is positive (e.g. higher than zero) is felt to be good while an NPS of +50 is excellent.
- B. **Optimise data and aggregation infrastructure** - work under this objective is on track, no major deviations. Highlights are:
- a. The development of Metis as a Minimum Viable Product (MVP) is to be operationable at the end of May 2018. For now, the MVP implements Europeana's requirements and therefore targets primarily the Europeana Data Officer's users.
  - b. The draft white paper 'A new landscape for Aggregation' is almost ready and will be finalised for publication. The paper is agreed on between the aggregating partners.
  - c. The task force to develop a standardised training programme for CHIs and national aggregators concluded its work in this reporting period.
  - d. A major highlight is the Finnish National Gallery's (FNG) adoption of open CC0 rights statement for its collections - a major shift from its previous 'In Copyright' licensing policy. The entire 10,000+ dataset from the FNG was updated to CC0 and with larger images.
- C. **Improve content distribution mechanisms** - work under this objective is on track, no major deviations. Highlights are:
- a. Social Media activities reaching out to our end-users continue to be successful with almost 10,5 million impressions on social media in January 2018.
  - b. Work to increase participation via transcriptions is progressing well with several activities undertaken and about 600 documents transcribed in the reporting period.

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<sup>2</sup> Three= satisfied, Four=very satisfied. Five=totally satisfied

- c. Preparations on Europeana's Migration Campaign (under EYCH) are progressing well with a Migration Collection Day as a kick-off event, planned in Brussels for 15-17 March 2018.
- D. Improve/widen distribution channels through partnerships** - Good progress was made in all market areas and in particular the market of education. Highlights include:
- a. Education: collaboration with the eTwinning community flourishes with a webinar held in February 2018, registering nearly 300 teachers from 22 countries. It was positively received: over 97% rated the webinar quite useful and very useful and over 90% rated the information received very good and excellent (with over 60% for excellent). The average rating for Europeana as an educational resource was 8.9 (in the scale from 1 to 10), with Net Promoter Score of 62<sup>3</sup> on 'would you recommend Europeana to a colleague?'
  - b. Education: We built up a new collaboration with the Ministry of Education, Culture and Sport in Spain to raise awareness about Europeana among Spanish educators.
  - c. Research Grants Program: The three funded projects started work on January 2018 and will produce a progress reports by Q2 2018.
  - d. Creative Industries: On 15 January 2018 EF and EUN launched the Europeana #edTech challenge<sup>4</sup>, with €30,000 prize fund for the best products, services or businesses that bring together digital cultural heritage and educational technology. Our blog on the #edTech challenge launch was by far the most popular blog post on Europeana Pro<sup>5</sup> during the reporting period (4,778 page views as of 21 Feb).
  - e. European Citizens: For the Valentine's Day (14 February 2018) Europeana had a guest blog post on the DailyArt Magazine<sup>6</sup> (which was promoted by Creative Europe<sup>7</sup>), an artwork in the app and featured love GIFs on GIPHY<sup>8</sup> (over 3,5 million views).
- E. Coordinate, sustain and grow the network of data partners and experts** - The Europeana Network Association continues to operate with a dedicated Management Board and renewed Members Council. Highlights include:

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<sup>3</sup> A NPS higher than zero is felt to be good while an NPS of +50 is excellent. View at [https://en.wikipedia.org/wiki/Net\\_Promoter](https://en.wikipedia.org/wiki/Net_Promoter)

<sup>4</sup> Europeana #edTech Challenge 2018 - Terms and Conditions. View at

<https://pro.europeana.eu/page/europeana-edtech-challenge-2018-terms-and-conditions>

<sup>5</sup> Europeana #edTech Challenge. View at <https://pro.europeana.eu/post/europeana-edtech-challenge>

<sup>6</sup> Five Ideas For Valentine's Day Inspired By Art History. View at <http://www.dailyartmagazine.com/valentines-day-inspired-by-art/>

<sup>7</sup> Tweet by Creative Europe on Twitter. View at [https://twitter.com/europe\\_creative/status/963746701503881217](https://twitter.com/europe_creative/status/963746701503881217)

<sup>8</sup> GIFs on GIPHY. View at <https://giphy.com/search/@europeana-valentines?channel=europeana>

- a. Organization for the EuropeanaTech 2018<sup>9</sup> conference started, scheduled for May 15-16 2018 at the SS Rotterdam in Rotterdam, the Netherlands. We already received 49 submissions for a call for presentations and Wikimedia is planning for a strong presence at the conference.
- F. **Maintain an international interoperable licensing framework** - work under this objective is on track, no major deviations. Highlights are:
- a. The Rightsstatements.org Business plan for 2018 was completed and will be published in March 2018, setting in place four goals for the Consortium to reach in order to further the embedding of rights statements in cultural heritage institutions globally.
  - b. The Archaeology Data Service is the first institution to use the new InC-EDU statement (from RightsStatement.org) for its content provided via CARARE, published in January 2018.
- G. **Implement and develop new strategies, services and business models** - work under this objective is on track, no major deviations. Highlights are:
- a. EF published the Europeana Business Plan 2018<sup>10</sup> titled 'Democratizing Culture' which outlines the achievements we're planning for the year 2018 (e.g. participatory campaigns in the context of the European Year of Cultural Heritage, Europeana Tech conference, deployment of the aggregation tool Metis).
- H. **Make necessary dispositions to host the results of the Europeana Generic Services Projects** work under this objective is on track, no major deviations. Highlights are:
- a. Good progress was made with each of the three generic services projects of 2016, including the launch of Europeana Migration thematic collection and preparations for the thematic collections Europeana Newspapers and Europeana Manuscripts.
  - b. BYZART chose an internal aggregator, AlmaDL, that has already cooperated with Europeana in other projects as ingestion route to Europeana.

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<sup>9</sup> Europeana Tech conference. View at <https://pro.europeana.eu/event/europeanatech-conference-2018>

<sup>10</sup> Europeana Business Plan 2018. View at <https://pro.europeana.eu/post/europeana-business-plan-2018-democratizing-culture>



## 3. Progress against objectives

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

#### Market approach

The revised Europeana 2020 Strategy<sup>11</sup> 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 Collections<sup>12</sup> and Europeana thematic collections<sup>13</sup> for European Citizens; Europeana Pro<sup>14</sup> for Cultural Heritage Institutions (CHIs); Europeana Labs<sup>15</sup> (as part of Europeana Pro) for Creative Industries; Europeana Research<sup>16</sup> (as part of Europeana Pro) for Academic Research; and Europeana Education<sup>17</sup> (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. The current roadmap can be viewed following the link in the footnote<sup>18</sup>. (Tender, task 1.1 Product Roadmap agreement on prioritisation and re-prioritisation) To maintain and develop the Europeana platform EF maintains several

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<sup>11</sup> Europeana Strategy 2015-2020. View at <http://strategy2020.europeana.eu/update/>

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

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

<sup>14</sup> Europeana Pro. View at <https://pro.europeana.eu/>

<sup>15</sup> Europeana Labs. View at <https://pro.europeana.eu/what-we-do/creative-industries>

<sup>16</sup> Europeana Research. View at <https://pro.europeana.eu/what-we-do/academic-research>

<sup>17</sup> Europeana Education. View at <https://pro.europeana.eu/what-we-do/education>

<sup>18</sup> Europeana product roadmap. View at [https://docs.google.com/spreadsheets/d/15vCztlf0qH8hjNSIMzhxI9GiuSBO\\_twF8ZUxjYU4R8/edit?usp=sharing](https://docs.google.com/spreadsheets/d/15vCztlf0qH8hjNSIMzhxI9GiuSBO_twF8ZUxjYU4R8/edit?usp=sharing)

product teams. A description of activities performed in the reporting period related to the individual products can be found on the next pages.

### **Europeana Collections<sup>19</sup> and Europeana thematic collections<sup>20</sup>**

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)

In the reporting period, the Europeana Collections scrum team focused on delivering a solution for collecting user generated content (UGC) to collect migrant user stories for the migration campaign (Europeana Contribute). EF tested the UGC component during a small scale internal collection day.

EF postponed the release of the new item page till the release of the Newspapers Collection in July 2018 since this work is interconnected. EF also started a coordinated effort to enhance the visibility of Europeana Collections on the web, extending on recent work (reported in deliverable C.2 Usage pattern report)<sup>21</sup>.

### **Europeana Newspapers**

EF and INESC-ID started work on the Newspapers API which is expected to be released in March 2018. The Newspapers API will adopt the IIIF specifications for the display and search of newspapers items with full text content, a differentiating aspect from the existing Europeana APIs. (Tender, task 1.8. Maintenance of Scrum teams to deliver the product roadmap) INESC-ID and EF worked on the acquisition and conversion of legacy newspapers data (metadata and full-text) into EDM, as well as on the generation of IIIF Manifests. EF has started the design and configuration of the search engine that will be deployed on top of the Newspapers full-text.

The Europeana Collections scrum team created all stories for the Europeana Newspapers Collection in preparation for the backlog estimated session beginning in March 2018. (Tender, task 1.2. Maintenance of the backlog)

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<sup>19</sup> Europeana Collections. View at <https://www.europeana.eu/portal/en>

<sup>20</sup> Europeana thematic collections. View at <https://pro.europeana.eu/services/discovery/thematic-collections>

<sup>21</sup> Deliverable C.2 Usage pattern report. Please view project documentation on the project page at <https://pro.europeana.eu/project/europeana-dsi-3>

## **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 CHIs. (Tender, task 1.8. Maintenance of Scrum teams to deliver the product roadmap)

In the reporting period EF fixed bugs and enriched the site with small functionalities. For example, we added sharing options for all content, fixed how content is rendered when shared on social media, added custom messaging on the 404 and zero search results pages. We also explored and created a brief for how to automate the reuse of Europeana Collections images on Europeana Pro and third party websites. In the next period we will create a work plan for this and a timeline for implementation.

### **APIs development and maintenance**

Under Europeana DSI-1/DSI-2, EF developed two 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, task 1.8. Maintenance of Scrum teams to deliver the product roadmap).

In the reporting period, the APIs scrum team worked on delivering the Newspapers API which will provide the data for the Newspapers Collection. The API scrum team also made a new release of the Annotations API including support for annotating images and transcriptions. Their focus is now on developing the Entities API to display profile pages for all our data providing organisations on Europeana Collections and the functionality to support entity based entry points. Besides these, the OAI-PMH will be given significant attention to improve performance and fix outstanding issues, given the fact that it will be used for the Metis migration (Tender, task 1.2. Maintenance of the backlog).

### **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).

The regular, planned quarterly user satisfaction survey for Europeana Collections began on 12 February 2018. The first phase of this was completed on 19 February, with the second phase completed on 26 February. 93% of users surveyed rated Europeana Collections three<sup>22</sup> (out of five) or higher. Europeana Collections received a Net Promoter Score rating of 69.

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<sup>22</sup> Three= satisfied, Four=very satisfied. Five=totally satisfied

A NPS that is positive (e.g. higher than zero) is felt to be good while an NPS of +50 is excellent<sup>23</sup>.

After each exhibition is published, Net Promoter Scores (NPS) and comments are gathered via an online survey until at least fifty responses have been received. The two recently published exhibitions received an excellent NPS.

Online exhibition	Net Promoter Score (07.12.17)	Number of respondents (01.2.18)
Music and the Mechanics <sup>24</sup>	53	100
An Ecstasy of Beauty <sup>25</sup>	55	71

All our user research activities are described in more detail in deliverables C.2 Usage pattern report (M4) and C.5 Reports on suggestions for improvements received (M5).<sup>26</sup>

### Search engine development and maintenance

EF has refined the mechanism for the thematic collections' search filter, rationalized the schema for the Entity API, and worked on a new way to handle languages in the search within the Entity Collection. EF has provided feedback on a consultancy proposal from the CEF Automatic Translation DSI, which aimed at contributing to Europeana's goals following previous discussions. (Tender, task 1.8. Maintenance of Scrum teams to deliver the product roadmap)

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 (EC) 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) In this reporting period we performed following activities:

**(B) Getting logs into queryable form for benchmarking and reporting:** IP addresses are now being logged by the ELK-stack<sup>27</sup>, allowing much-improved filtration of internal traffic (i.e., traffic derived from Europeana staff) from our logs.

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<sup>23</sup> Net Promoter. View at [https://en.wikipedia.org/wiki/Net\\_Promoter](https://en.wikipedia.org/wiki/Net_Promoter)

<sup>24</sup> Music and the Mechanics. View at <https://www.europeana.eu/portal/en/exhibitions/music-and-mechanics>

<sup>25</sup> An Ecstasy of Beauty. View at <https://www.europeana.eu/portal/en/exhibitions/an-ecstasy-of-beauty>

<sup>26</sup> Deliverables C.2 and C.5. Please view project documentation on the project page at <https://pro.europeana.eu/project/europeana-dsi-3>

<sup>27</sup> Elasticsearch, Logstash, Kibana. View at <https://www.elastic.co/elk-stack>

**(C) Logging of Entity Collection searches:** Work here remains on hold pending decisions from the Collections team about the query strategy to be used in relation to the Entity Collection and front-end categorisation of autosuggested entities. However, on-going work has both identified and fixed problems with the logging infrastructure dropping requests. In addition, options for ensuring redundancy and the availability of log archives are being explored.

**(E) Evaluation of knowledge graphs in Europeana:** We finalised the list of metrics for evaluating the Entity Collection (EC) in Europeana. These proposed metrics evaluate the intrinsic quality of the EC, the entitification process, and the Europeana functionalities that the EC supports (i.e. the auto-complete features, entity-based knowledge card and pages, and exploratory search tasks). We also reported some initial results on the coverage and multilinguality of the EC<sup>28</sup> (as part of the intrinsic quality evaluation metrics). The report is currently under final 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) EF and INESC-ID progressed on the modeling for newspapers, finalizing the patterns for the metadata and full-text and worked on refinements for the first iteration. EF and NISV started to discuss the task force on EDM Governance and is planning to organize a workshop next to the EuropeanaTech conference.

### **Europeana Infrastructure**

Upon the migration to a new hosting provider, IBM Cloud, we monitored the stabilization of the service. Majority of Europeana production servers are now being monitored in one single monitoring application called Grafana. This tool is capable of receiving multiple metrics from the environment and presenting them in different types of charts, enabling us to monitor disk usage, memory usage, etc. In this way we can act earlier in case systems are experiencing difficulties. In addition, we worked on creating one single truth for our infrastructure. In one single web application (DCIM) the whole Europeana server park is to be found. Adding/removing will be done in the same tool to provide one overview. In the coming period, the focus will be on automating the back-up scripts and all other scripts in one centralized server capable of running the scripts and monitor the behaviour. Supporting activities with regards to the Metis infrastructure in PANC was also a major activity during this period. Plus setting up an acceptance environment for Metis by

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<sup>28</sup> Evaluation of the Europeana Entity Collection knowledge graph. View at [https://docs.google.com/document/d/1-swW\\_Y6KRcGx\\_XbvMVxfet4eKBzKgPmTzW9w3PVaK1Y/](https://docs.google.com/document/d/1-swW_Y6KRcGx_XbvMVxfet4eKBzKgPmTzW9w3PVaK1Y/)

Europeana. (Tender, task 1.8. Maintenance of Scrum teams to deliver the product roadmap)

### **Europeana Cloud Infrastructure and IIF Image service**

Within the Europeana Cloud Infrastructure, PSNC worked on the Data Processing service (DPS) and the integration of it with Metis. As part of the DPS, PSNC progressed with OAI-PMH, to enable triggering of an OAI harvest process from the Metis User Interface. PSNC is also testing eCloud using OAI topology. During the reporting period we also improved the validation topology and monitoring validation process to the Metis user interface. In addition, we worked on having the back-end services (Metis infrastructure) hosted by PSNC and preparation work started. Work on Media service was prioritized and went through performance testing. Upon this result new targets will be set to improve this service. We also improved the monitoring service for IIF-image service to notify system administrators of PSNC to act in case this service is experiencing difficulties. (Tender, task 1.8. Maintenance of Scrum teams to deliver the product roadmap)

## **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 Strategy<sup>29</sup> and Europeana Publishing Framework<sup>30</sup>).

### **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 'Metis', for greater automation of data publication flows and incremental harvesting and publication. The work focuses on delivering Metis as a Minimum Viable Product (MVP) for the end of May 2018. For now, the MVP implements Europeana requirements and therefore targets primarily a Europeana Data Officer user. (Tender, task 1.7. Improve the aggregation tools, task 1.8. Maintenance of Scrum teams to deliver the product roadmap)

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<sup>29</sup> Europeana Content Strategy. View at <https://pro.europeana.eu/post/europeana-content-strategy>

<sup>30</sup> Europeana Publishing Framework. View at <https://pro.europeana.eu/post/publishing-framework>

The work on Metis is currently happening at four levels: Metis front-end, orchestration REST API and Metis Europeana specific and shared services. The Metis front-end design follows a modular approach, and is therefore implemented module per module. As of January 2018 the orchestrator is ready. Few calls will need to be added once all the Metis services are in place.

As of January 2018, it is possible to harvest datasets via OAI-PMH<sup>31</sup>, and extract statistics in Metis. However, some issues were found when trying to harvest current data providers endpoints. The team is now running additional tests to make sure it can harvest most of the Europeana data providers endpoints. Some limitations may be due to the implementation of the OAI-PMH standard on the data provider side and not on the Metis side. To be able to complete a full workflow we still need to work on the data transformation and publication workflow. Additional work will also be required to support operations such as cancellation of operations, deactivation of datasets.

As of January 2018, it is possible to validate data using the validation service. The work on enrichment is also close to finish. The Preview service is now being updated to benefit from the modifications done on the validation service. Each of these services provide reports on the progression of a task, logs as well as a final report. It is also possible for Metis users to preview a sample of raw data after each service is applied. In addition, the team is working on defining a migration plan to transition from the current Unified Ingestion Manager (UIM) system to Metis. The migration from a system to another also involves the migration of the Europeana databases into Europeana Cloud.

The Metis scrum team also estimated their backlog for the Metis MVP and calculated developer availability during this period which resulted in an accurate release roadmap. (Tender, task 1.2. Maintenance of the backlog)

## **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 ResourceSync<sup>32</sup> or Schema.org<sup>33</sup> markup and content publication channels IIIF or APIs). (Tender, task 1.4 Research and Development of innovative aggregation and data acquisition technologies)

INESC-ID and EF provided feedback on the ongoing specification for the ActivityStream-based solution developed in the context of the IIIF Discovery group. We also discussed and defined two experiments/case studies for harvesting, which we will carry out

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<sup>31</sup> The Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH) is a low-barrier mechanism for repository interoperability: <https://www.openarchives.org/pmh/>

<sup>32</sup> ResourceSync Framework Specification. View at <http://www.openarchives.org/rs/toc>

<sup>33</sup> Schema.org. View at <http://schema.org/>

before the end of the project: (1) IIF harvesting from the Europeana Newspapers API, (2) Harvesting Schema.org from the National Library of the Netherlands.

INESC-ID and EF also submitted several papers for publication:

- 'Evaluation of Schema.org for Aggregation of Cultural Heritage Metadata' to the Semantic Web Conference
- 'Cultural Heritage Metadata Aggregation using Web Technologies: IIF, Sitemaps and Schema.org' to the International Journal on Digital Libraries, based on an earlier paper presented at the TPD conference
- 'Provision of cultural heritage metadata for Internet search engines: current practices and survey of technology', abstract for the EIPUB2018 conference

### **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' is almost ready and will be finalised for publication. The Future Access to Cultural Heritage Task Force (incl EF, eFashion, MCA, DNB, PSNC representatives) rewrote the white paper considering the feedback from the Aggregator Forum meeting in Zagreb (November 2017). 2Culture, ACE, AIT-Graz, APEF, AthenaRC, BL, DIF, eFashion, MCA, NISV, NTUA, Photocons, and PSNC gave feedback during this meeting and in writing afterwards.

### **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)

eFashion is maintaining a Basecamp ingestion and metadata support group for fashion institutions. eFashion is also debugging the newly deployed MINT4ALL platform used by the eFashion content providers, in collaboration with NTUA.

NISV, AIT-Graz, DIF, MCA have performed general help desk activities (e.g. providing access to documentation, online training, coordination of data cleaning and data ingestion activities).

AIT-Graz is preparing the second OpenUp! Data package for Europeana with about 14.5 Mio. raw records and transformation, supporting about 40 content archives. An update of the OpenUp! Website with additional expert information for the natural heritage domain was provided. AIT-Graz also tested the Metis Preview Service and gave feedback.



2Culture supported CARARE data providers in the aggregation process offering advice and guidance on best practices, metadata and content quality improvements, and the delivery of content relating to the theme of archaeology and architecture to Europeana. 2Culture is planning and organising upcoming CARARE events on 3D digitisation (Ename, April 2018) and 'Archaeology and Architecture in Europeana' (Lund, June 2018).

MCA is participating in the Stakeholders Committee for EYCH2018 and to the Communication on DCH as a key issue for Cultural Heritage. It is disseminating Europeana Pro news toward MCA members and network.

NTUA is progressing with the work on MINT4ALL and the migration of MINT<sup>34</sup> instances, while still maintaining and updating the MINT code (e.g. new libraries) and the MINT instances used by the aggregating partners. This includes schema updates (e.g. EDM, LIDO, CARARE). NTUA has performed updates of datasets for various aggregating partners (or supported the partners to do the updates). Common reasons for such updates are broken links to digital media or low quality of the digital media. Data has to be imported again into MINT and then a new mapping has to be created (including conditional or structural mapping, if needed) to create new URL values to high quality digital media in the metadata. In this process also the new rs.org rights statements were implemented, when appropriate.

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**

The task force to develop a standardised training programme concluded its work in this reporting period. Representatives from eFashion, BL, MCA, Photocons, AIT-Graz are all members of the task force, which is chaired by a representative from NISV. The training programme aims 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)

Three virtual and one physical meeting were held to develop the training playbook and collect the training resources. 2Culture, ACE and DIF contributed to the agenda and resources for training workshops.

EF continued the preparation of workshops to be held in 2018. The first of these workshops took place on 15 February 2018 in Finland, in collaboration with the National Library of

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<sup>34</sup> MINT services compose a web based platform that was designed and developed to facilitate aggregation initiatives for cultural heritage content and metadata in Europe. View at [http://mint.image.ece.ntua.gr/redmine/projects/mint/wiki/Introduction\\_to\\_MINT](http://mint.image.ece.ntua.gr/redmine/projects/mint/wiki/Introduction_to_MINT)

Finland. Workshops are scheduled in Lithuania (25 April 2018), Bulgaria (30 May 2018) and Hungary (1 June 2018).

## **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 end of Europeana DSI-2, there are ca. 2,1 million records fewer in Europeana Collections (August 2017 - 53,629,175; 12 February 2018 - 51,528,117). This reduction is due to significant clean-up work in the database, e.g. removal of collections with broken links. EF published updates and new data from national aggregators in Austria, Germany, Greece, Hungary, Lithuania, the Netherlands, Poland, Portugal, Romania, Slovenia, Spain, and Sweden. EF also published datasets recently updated by the Europeana DSI-3 partners APEF, 2Culture, ACE/DIF, NISV, MCA on Europeana Collections.

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) By the end of Europeana DSI-3 (August 2018) we aim to have 21% of all content in tier 3 or 4 quality of the Europeana Publishing Framework. After the first four months (September - December 2017) of Europeana DSI-3, about 18% of the total complied to tier 3 and 4. Due to technical problems in our backend (Mongo DB, Solr), we are currently not able to extract the up to date numbers to report on the progress against the tiers of the Europeana Publishing Framework. We will include the figures again in the next report after the technical problem is fixed.

The Archaeology Data Service is the first institution to use the new InC-EDU statement (from RightsStatement.org) for its content provided via CARARE, published in January 2018<sup>35</sup>.

2Culture and AthenaRC invested in the development of version 3 of the CARARE metadata schema to improve support for Linked Data and interoperability. In addition, they developed and tested a new enrichment micro-service for high level concept thematic enrichment. AIT-Graz enhanced the DwCA automated transformation process in order to meet requirements of a new content provider.

All Europeana DSI-3 aggregating partners are working towards the targets agreed in the data quality plans for each partner. We can report good progress against the objectives. DIF has already started to provide data with improved language description and richer and

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<sup>35</sup> Archaeology Data Service content on Europeana Collections. View at <https://www.europeana.eu/portal/en/search?f%5B%5B%5D=Archaeology+Data+Service&f%5B%5B%5D=restricted&f%5B%5B%5D=http%2A%3A%2F%2Frightsstatements.org%2Fvocab%2FInC-EDU%2F%2A&view=grid>

standardised values that is helping Europeana to enrich its data. BL has improved the language description, spatial and agent information. AthenaRC and 2Culture have started to deliver data with links to top level Getty AAT concepts that will help to standardise the data and improve the multilingual retrieval of the content. eFashion has also worked in this direction adding language tags and also providing standardised chronological information. All Europeana DSI-3 partners are working on updating their records to match current quality criteria or solving technical or maintenance issues like NISV who is working on increasing the size of thumbnails and solving broken links issues.

A detailed overview on the progress of implementation so far is provided in [Annex II: Data quality improvements](#).

### **Europeana Publishing Framework<sup>36</sup> and Publishing Guide<sup>37</sup>**

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)

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. In this reporting period, we prepared a first proposal for the metadata component. This proposal was discussed and refined with members of the Data Quality Committee, including 2Culture, APEF, BL, and MCA.

### **Europeana's content strategy<sup>38</sup>**

With an emphasis on quality over quantity, EF together with aggregators, identified new collections of high quality and partners for publication in Europeana to support the current and upcoming thematic collections. (Tender, task 2.4 Implement Europeana's content strategy)

2Culture is continuously advocating for the Europeana Publishing Framework and discussing with Europeana the representation of 3D content in the Europeana Publishing Framework. The creation of a thematic collection for archaeology is being explored and 2Culture is working with Europeana specifying metadata facets.

A detailed overview of activities performed by aggregating partners so far can be found in [Annex III: Implementation of content strategy](#).

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<sup>36</sup> Europeana Publishing Framework. View at <https://pro.europeana.eu/post/publishing-framework>

<sup>37</sup> Europeana Publishing Guide. View at <https://pro.europeana.eu/post/publication-policy>

<sup>38</sup> Europeana Content Strategy. View at <https://pro.europeana.eu/post/europeana-content-strategy>

## 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

#### Education market

EF promoted our five free APIs in all conversations with educational publishers, learning solutions providers and edtech startups at the renowned educational event BETT 2018<sup>39</sup>. In addition, the API was featured in the Europeana #edTech challenge postcards which we distributed at the BETT venue and in meetings. See more about our efforts at BETT under objective D. Improve/widen distribution channels through partnerships.

#### Academic Research market

EF contributed resources to a new training module geared towards digital humanities researchers developed by the PARTHENOS project (in collaboration with research infrastructures such as CLARIN, DARIAH and EUDAT). The module is a useful resource for digital humanities and other researchers working with digital cultural heritage and is a good way to learn about working with research data and how Europeana can be used for research. Included in the training module are Europeana resources on Linked Open Data, rights statements and the Europeana Data Model. EF promoted the new module in a blog on Europeana Pro<sup>40</sup> and via @EurResearch twitter.

#### Creative Industries market

Our APIs were promoted as critical resources for the development of the products and services within our edTech challenge campaign. We included the relevant API information in the challenge terms and conditions and highlighted the API resources once again in a special blog<sup>41</sup> on Europeana Pro.

### Europeana REST API Usage Statistics

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

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<sup>39</sup> BETT 2018. View at <https://www.bettshow.com/about-bett#/>

<sup>40</sup> PARTHENOS releases new training module for digital humanities researchers. View at <https://pro.europeana.eu/post/parthenos-releases-new-training-module-for-digital-humanities-researchers>

<sup>41</sup> Get started with our APIs for a successful Europeana #edTech Challenge application. View at <https://pro.europeana.eu/post/get-started-with-our-apis-for-a-successful-europeana-edtech-challenge-application>

average of 5 calls a day; 2) Number of API keys that were active for more than 5 days in each month.

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 2017	75	83
October 2017	76	74
November 2017	Not available (due to technical problems resulting from the migration to the new hosting provider)	
December 2017		
January 2018	71	68

## Curation and Marketing of Europeana content to end-users

EF makes use of social media to reach out to end-users and to share cultural heritage material with end-users (European citizens market). (Tender, task 3.2 Reach out to markets and audiences) 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 #MuseumSelfieDay). Latest posts can be seen on Europeana's Facebook<sup>42</sup>, Twitter<sup>43</sup>, and Pinterest<sup>44</sup> accounts. Below is a short overview, illustrating the increase of social media followers/fans on these channels.

Social Media channel	July 2017	October 2017	December 2017	January 2017
Facebook	101,6K fans	104,3K fans	104,8K fans	106K fans
Twitter	29,1K followers	29,9K followers	30,6K followers	31,4K followers
Pinterest	11,1K followers	11,4K followers	11,5K followers	11,7K followers

Activities that aimed to curate and market Europeana content to end-users included (Tender, task 3.2.1 Publish Europeana Collections to end-users):

<sup>42</sup> Europeana on Facebook. View at <https://www.facebook.com/Europeana/>

<sup>43</sup> Europeana on Twitter. View at <https://twitter.com/Europeanaeu>

<sup>44</sup> Europeana on Pinterest. View at <https://nl.pinterest.com/europeana/pins/>

- Monthly newsletter<sup>45</sup> in two languages (French, English) reaching about 52,000 subscribers (e.g. January 2018 newsletter<sup>46</sup>);
- Monthly, cover image voting following social media voting polls 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 (e.g. #MuseumSelfieDay);
- Regular blog posts to raise awareness of high quality content published in Europeana (e.g. #ColorOurCollections and Europeana EYCH Colouring Book, February 2018<sup>47</sup>), or other themes (e.g. 2017: Top 20 searches on Europeana<sup>48</sup>). All blogs can be viewed on Europeana<sup>49</sup>.
- Regular galleries published to highlight and promote content from Europeana Collections and thematic collections (e.g. Jazz in concert<sup>50</sup>). All galleries can be viewed on Europeana Collections<sup>51</sup>.

EF placed Europeana content in a wider social media and cultural context to extend reach and encourage engagement. In January, EF tweeted with the hashtag #MuseumSelfieDay<sup>52</sup> specifically encouraging participants in this event to explore artworks from Europeana Collections. We also promoted winter sport related cultural heritage<sup>53</sup> to coincide with the 2018 Winter Olympics in PyeongChang.

In February, Europeana's ongoing participation in the international #ColorOurCollections campaign continued with a colouring book<sup>54</sup> dedicated to the European Year of Cultural Heritage #EYCH2018. The book was labelled and promoted as part of #EYCH including through Creative Europe channels. At the request of DG EAC the original draft was increased in size to include contributions from additional cultural institutions across Europe. The book was downloaded c. 1500 times.

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<sup>45</sup> Europeana newsletters. View at

<http://us3.campaign-archive.com/home/?u=ad318b7566f97ecc895e014e&id=1d4f51a117>

<sup>46</sup> January 2018 newsletter. View at

<https://us3.campaign-archive.com/?u=ad318b7566f97ecc895e014e&id=b9dcdc7b19>

<sup>47</sup> #ColorOurCollections and Europeana EYCH Colouring Book. View at

<http://blog.europeana.eu/2018/02/colorourcollections-and-europeana-eych-colouring-book/>

<sup>48</sup> 2017: Top 20 searches on Europeana. View at

<http://blog.europeana.eu/2017/10/small-screen-smiles-for-world-day-for-audiovisual-heritage/>

<sup>49</sup> Europeana blogs. View at <http://blog.europeana.eu/>

<sup>50</sup> Jazz in concert. View at: <https://www.europeana.eu/portal/en/explore/galleries/jazz-in-concert>

<sup>51</sup> Europeana galleries. View at <https://www.europeana.eu/portal/en/explore/galleries>

<sup>52</sup> Tweet with the hashtag #MuseumSelfieDay. View at

<https://twitter.com/Europeanaeu/status/953563042477953024>

<sup>53</sup> Tweet on Twitter on winter sports. View at <https://twitter.com/Europeanaeu/status/962990232663674880>

<sup>54</sup> #ColorOurCollections and Europeana EYCH Colouring Book. View at

<http://blog.europeana.eu/2018/02/colorourcollections-and-europeana-eych-colouring-book/>

## Europeana thematic collections

EF, F&F, eFashion, BL, Photocons, and SPK publish Europeana thematic collections (Tender, task 3.2.2 Publish Europeana thematic collections).

The second Europeana Collections Forum took place on 11 January 2018 in The Hague. Representatives from the thematic collections such as Fashion, Photography, Newspapers and Music were present as well as EF's collections managers. The meeting focused around the theme: 'Building on success', looking back at 2017, presenting guidelines for collections managers as well as effective marketing and planning. It was also a great opportunity for the partners to explore collaboration between collections also in relation to the overarching campaign around the theme of Migration. Europeana's major contribution to the European Year of Cultural Heritage. (Tender, task 3.2.3 Europeana thematic collections forum)

EF (Europeana Art, Europeana 1914-1918) and partners 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 Art<sup>55</sup> (EF)

- New galleries (e.g. on Helene Schjerfbeck, Albert Edelfelt<sup>56</sup>, and Masterpieces from the Finnish National Gallery) on Europeana Collections.<sup>57</sup>
- New blog post "Museums in the Digital Age: insights from the Pinakotheken, January 2018"<sup>58</sup> (focuses on collections online, copyright challenges and audience development for art museums).
- Publishing of new hero image for the Europeana Art homepage every month.

A major highlight for Europeana Art is the Finnish National Gallery's (FNG) adoption of open CC0 rights statement for its collections - a major shift from its previous 'In Copyright' licensing policy. The entire 10,000+ dataset<sup>59</sup> from the FNG was updated to CC0 and with larger images. Europeana conducted a Finnish national workshop on digital collections, on 15 February 2018 in Helsinki, in partnership with the National Library of Finland.

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<sup>55</sup> Europeana Art. View at <https://www.europeana.eu/portal/en/collections/art>

<sup>56</sup> Gallery on Albert Edelfelt. View at <https://www.europeana.eu/portal/en/explore/galleries/albert-edelfelt>

<sup>57</sup> Europeana Art galleries. View at <https://www.europeana.eu/portal/en/explore/galleries?theme=art>

<sup>58</sup> Museums in the Digital Age: insights from the Pinakotheken. View at <https://pro.europeana.eu/post/museums-in-the-digital-age-insights-from-the-pinakotheken>

<sup>59</sup> Finnish National Gallery on Europeana Collections. View at [https://www.europeana.eu/portal/en/search?q=europeana\\_collectionName%3A\(2021012\\_Ag\\_FI\\_NDL\\_fng-api\)&iew=grid](https://www.europeana.eu/portal/en/search?q=europeana_collectionName%3A(2021012_Ag_FI_NDL_fng-api)&iew=grid)

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

### **Europeana 1914-1918**<sup>60</sup> (EF and F&F)

- New Blog posts such as the 'World War One 'Living Memories' inspire generations in TuEuropeana Transcribathon', January 2018 <sup>61</sup>.
- Monthly, new hero image.
- EF finalised the new online exhibition "Visions of war", highlighting content from two thematic collections (Europeana Art & Europeana 1914-1918). Publication of the new exhibition is scheduled for the first week of March 2018.

From 20 December 2017 to 20 January 2018 EF and F&F organised the online Christmas Run 2017<sup>62</sup> on the Transcribathon website. Like the 2016 edition it was again very successful. The top three winners transcribed a total of 686,718 characters.

On 23 January 2018 Transcription Tuesday<sup>63</sup> was organised (online only), an initiative from Who Do You Think You are? Magazine, Britain's best-selling family history brand. The magazine helps its readers with practical advice to discover useful family history archives and to get the most out of online resources. In total 233,455 characters from 255 documents were transcribed by 244 users in 348 sessions. From 19 to 26 January 2018 F&F co-organised and provided support for the 7-Tage-Transcribathon Kieler Gelehrtenschule<sup>64</sup>. The event was hosted by the Kieler Gelehrtenschule, Kiel, Germany, supported by Kulturerben SH as part of the event series Tatort Kulturlandschaft: EMIL & Die Detektive. Preparations started for a Transcribathon campaign in Greece, in cooperation with National History Museum, Athens, scheduled for May and/or June 2018 as well as for a Transcribathon in Italy, in cooperation with [www.14-18.it](http://www.14-18.it)<sup>65</sup> and Istituto Centrale per il Catalogo Unico (ICCU) in Rome (October 2018).

F&F and EF continued to co-promote events and value of Transcribathon via social media (Twitter, Facebook). In the reporting period, F&F maintained and updated the Transcribathon website (news section, content selection, Runs preparations, communication with participants, etc.). In the table below you find some metrics related to the Transcribathon website.

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<sup>60</sup> Europeana 1914-1918. View at <http://www.europeana.eu/portal/en/collections/world-war-i>

<sup>61</sup> World War One 'Living Memories' inspire generations in TuEuropeana Transcribathon. View at <https://pro.europeana.eu/post/world-war-one-living-memories-inspire-generations-in-tueuropeana-transcribathon>

<sup>62</sup> Online Christmas run. View at <https://transcribathon.com/en/runs/christmas-run/>

<sup>63</sup> Transcribathon Tuesday. View at <https://transcribathon.com/en/runs/transcriptiontuesday/>

<sup>64</sup> Transcribathon Kiel. View at <https://transcribathon.com/en/runs/kiel/>

<sup>65</sup> 1418. View at <http://www.14-18.it/>



Metrics	December 2017	February 2018
Documents (pages available to be transcribed)	c. 30,4K	c. 36,2K
Transcriptions completed	c. 8,5K	c. 9,1K
Registered users	c. 1,3K	c. 1,4K

EF promoted activities on the Europeana 1914-1918 thematic collections page, on Transcribathon.eu, on dedicated social media channels (Europeana 1914-1918 on Facebook<sup>66</sup>, Europeana 1914-1918 on Twitter<sup>67</sup>). Below is a short overview, stating social media followers on Facebook and Twitter.

Social media channel	October 2017	December 2017	February 2018
Europeana 1914-1918 on Facebook	c. 24,5K followers	c. 24,5K followers	c. 24,5K followers
Europeana 1914-1918 on Twitter	c. 6,7K followers	c. 6,7K followers	c. 6,8K followers

### Europeana Fashion<sup>68</sup> (eFashion)

- Daily, new posts on Facebook<sup>69</sup>
- Daily, new posts published on Instagram<sup>70</sup>
- Daily, one to two new posts on Twitter<sup>71</sup>
- Weekly, two new blog posts<sup>72</sup> published, telling the interesting and unknown stories of designers (experimenting with the format of small biographies instead of historical posts) (e.g. In search of lost times: Callot Soeurs, January 2018<sup>73</sup>)
- Weekly, new column 'runway archive' published, themed on runway pictures linked to the designers presented with some background info (e.g. Runway Archive: Yves Saint Laurent Haute Couture Retrospective, 2002, January 2018<sup>74</sup>)

<sup>66</sup> Europeana 1914-1918 on Facebook. View at <https://www.facebook.com/Europeana19141918>

<sup>67</sup> Europeana 1914-1918 on Twitter. View at <https://twitter.com/Europeana1914>

<sup>68</sup> Europeana Fashion. View at <https://www.europeana.eu/portal/en/collections/fashion>

<sup>69</sup> Europeana Fashion on Facebook. View at <https://www.facebook.com/EuropeanaFashion>

<sup>70</sup> Europeana Fashion on Instagram. View at <https://www.instagram.com/europeanafashionofficial/>

<sup>71</sup> Europeana Fashion on Twitter. View at <https://twitter.com/eurfashion>

<sup>72</sup> Europeana Fashion blog posts. View at <https://www.europeana.eu/portal/en/blogs?theme=fashion>

<sup>73</sup> Blog on In search of lost times: Callot Soeurs. View at <https://www.europeana.eu/portal/en/blogs/callot-soeurs-1>

<sup>74</sup> Runway Archive: Yves Saint Laurent Haute Couture Retrospective, 2002. View at <https://www.europeana.eu/portal/en/blogs/runway-archive-yves-saint-laurent-haute-couture-retrospective-2002>

- Regularly, publishing of new galleries related to Fashion on Europeana Collections<sup>75</sup> (e.g. ‘Eccentric Fashion’<sup>76</sup>)
- Two newsletters<sup>77</sup> published per month (e.g. Newsletter January 2018<sup>78</sup>)
- Monthly, thematic exhibitions on Europeana Fashion on Tumblr<sup>79</sup> (e.g. January themed on ‘extraordinary fashion’, February dedicated to fashion ‘details’, end especially embroideries and intricate artisanal techniques. This exhibition is linked to all the images posted on other media, which have proven to be very successful.)

eFashion is currently planning for the upcoming months, which will ideally be dedicated to singular archives and institutions, starting with MoMu (March 2018) and Les Arts Decoratifs (April 2018).

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	February 2018
Europeana Fashion on Facebook	c. 8,0K followers	c. 8,1K followers	c. 8,3K followers
Europeana Fashion on Instagram	c. 7,1K followers	c. 7,1K followers	c. 7,4K followers
Europeana Fashion on Twitter	c. 2,9K followers	c. 3,0K followers	c. 3,8K followers

### Europeana Photography<sup>80</sup> (Photocons)

- Editorial work on the third instalment of the exhibition series ‘The Pleasure of Plenty’<sup>81</sup> - ‘Tricks of the trade’. The new exhibition ‘Window-shopping with early photographers’ was finalised and submitted to EF for review (expected publication April 2018).

<sup>75</sup> Galleries related to Fashion View at <https://www.europeana.eu/portal/en/explore/galleries?theme=fashion>

<sup>76</sup> Gallery on Eccentric Fashion <https://www.europeana.eu/portal/en/explore/galleries/eccentric-fashion>

<sup>77</sup> Europeana Fashion newsletters. View at <http://us5.campaign-archive.com/home/?u=08acbb4918e78ab1b8b1cb158&id=eeaec60e70>

<sup>78</sup> Europeana Fashion Newsletter (January 2018). View at <https://us5.campaign-archive.com/?u=08acbb4918e78ab1b8b1cb158&id=6f707a484e>

<sup>79</sup> Europeana Fashion on Tumblr. View at <http://europeanafashion.tumblr.com/>

<sup>80</sup> Europeana Photography. View at <https://www.europeana.eu/portal/en/collections/photography>

<sup>81</sup> Exhibition ‘The Pleasure of Plenty’. View at <https://www.europeana.eu/portal/en/exhibitions/power-to-the-people>

- 1 new blog post 'Pictures in Focus: Street view in Amsterdam by George Hendrik Breitner', February 2018<sup>82</sup>
- New gallery related to Photography on Europeana Collections<sup>83</sup> - The kiss<sup>84</sup>.
- New posts on Photoconsortium's Facebook<sup>85</sup> account.
- New posts on Photoconsortium's Twitter<sup>86</sup> account.

The photography timeline has received its final review and fitting images to illustrate the chronological run through photographic history were sourced. Next to be discussed is a workable format (in line with what has been developed for the Music Collection) to publish this content.

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 (917 followers), Photoconsortium on Twitter (300 followers)).

### **Europeana Music<sup>87</sup> (BL)**

- Two new exhibitions are being planned for 2018. One, focusing on European song, is being curated by the Friends of Music Society, based in Athens, Greece. The second will be a series of musical portraits, examining the experiences of various composers during WWI. To include Ravel, Butterworth, Vaughan-Williams, Debussy and others.
- The new Europeana Music landing page launched at the end of January, focusing on the theme Jazz.
- 3 new galleries related to Music<sup>88</sup> (e.g. Jazz Greats<sup>89</sup>).
- New blog post 'If you have to ask what jazz is...', January 2018<sup>90</sup>. Guest blogs are commissioned from well-known curators on music related subjects highlighting relevant material from Europeana Music.
- Regular posts on Europeana Music Twitter<sup>91</sup> account, e.g. highlighting content from Europeana Music using hashtags such as #TagDayThursday, #Jazz, etc.

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<sup>82</sup> Pictures in Focus: Street view in Amsterdam by George Hendrik Breitner. View at <http://blog.europeana.eu/2018/02/pictures-in-focus-street-view-in-amsterdam-by-george-hendrik-breitner/>

<sup>83</sup> Galleries related to Photography. View at <https://www.europeana.eu/portal/en/explore/galleries?theme=photography>

<sup>84</sup> Gallery on the Kiss. View at <https://www.europeana.eu/portal/en/explore/galleries/the-kiss>

<sup>85</sup> Photoconsortium on Facebook. <https://www.facebook.com/PhotoConsortium/>

<sup>86</sup> Photoconsortium on Twitter. View at <https://twitter.com/PhotoConsortium?lang=en>

<sup>87</sup> Europeana Music. View at <https://www.europeana.eu/portal/en/collections/music>

<sup>88</sup> Galleries on Music on Europeana Collections. View at <https://www.europeana.eu/portal/en/explore/galleries?theme=music>

<sup>89</sup> Gallery on Jazz Greats. View at <https://www.europeana.eu/portal/en/explore/galleries/jazz-greats>

<sup>90</sup> Blog post on If you have to ask what jazz is... View at <http://blog.europeana.eu/2018/01/if-you-have-to-ask-what-jazz-is/>

<sup>91</sup> Europeana Music on Twitter. View at <https://twitter.com/europeanamusic>

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.

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).

Social media channel	October 2017	December 2017	February 2018
Europeana Music on Twitter	c. 3,8 followers	c. 3,9K followers	c. 4,1K followers

### **Europeana Migration<sup>92</sup>** (EF and Generic Services project partners)

This period was dedicated to preparatory work for the launch of the Migration Campaign. In particular, development work was centred on preparing the online tool to be used to collect user-generated content. The landing page of Europeana Migration was updated in preparation for the campaign launch. Additional information towards Europeana Migration can be found under objective H. 'Make necessary dispositions to host the results of the Europeana Generic Services Projects and the Migration in the Arts and Sciences project.'

### **Upcoming thematic collections**

Europeana Newspapers and Europeana 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').

### **Europeana Newspapers** (SPK)

Europeana Newspapers will be launched as a thematic collection in 2018. SPK undertook following activities related to the upcoming thematic collection:

- Submission of a 'Roundtable on digitised newspapers' for DHBenelux 2018<sup>93</sup> in Amsterdam, jointly with Ghent Center for Digital Humanities and members of the Swiss-Luxembourgish impresso project<sup>94</sup>.
- Supporting researchers from Oceanic Exchanges<sup>95</sup>, Technical University Dortmund and University of Regensburg with data access questions and information about data standards and formats regarding Europeana Newspapers.

<sup>92</sup> Europeana Migration. View at <https://www.europeana.eu/portal/en/collections/migration>

<sup>93</sup> DHBenelux 2018. View at <http://2018.dhbenelux.org/>

<sup>94</sup> Impresso project. View at <http://impresso-project.ch/>

<sup>95</sup> Oceanic Exchanges. View at <http://oceanicexchanges.org/>

- Updated [www.europeana-newspapers.eu](http://www.europeana-newspapers.eu) to the latest Wordpress version (4.9.4)

SPK engaged in community building and updated dedicated social media accounts regularly (Europeana Newspapers on Twitter<sup>96</sup>, Europeana Newspapers on Facebook<sup>97</sup>).

Social media channel	October 2017	December 2017	February 2018
Europeana Newspaper on Twitter	c. 1,4K followers	c. 1,4K followers	c. 1,4K followers
Europeana Newspapers on Facebook	c. 1,5K followers	c. 1,5K followers	c. 1,5K followers

## Europeana automatic collections

Having evaluated the recent pilot of more automated thematic collections, EF has prepared a proposal<sup>98</sup> 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)<sup>99</sup> 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

<sup>96</sup> Europeana Newspaper on Twitter. View at <https://twitter.com/eurnews?lang=en>

<sup>97</sup> Europeana Newspaper on Facebook. View at <https://www.facebook.com/EuropeanaNewspapers/>

<sup>98</sup> Thematic collections expansion 2018-2020. View at <https://docs.google.com/document/d/1s4VwCag8DoZxX0v6Sp9p77POZLK6Lh4DHT1SiujHUZU/edit#heading=h.fw3ygukkybwo>

<sup>99</sup> 2018 European Year of Cultural Heritage. View at [https://ec.europa.eu/culture/news/20160830-commission-proposal-cultural-heritage-2018\\_en](https://ec.europa.eu/culture/news/20160830-commission-proposal-cultural-heritage-2018_en)

campaign. The latter aims to involve migration museums in a series of public engagement events (e.g. transcribathons).

In the reporting period, EF developed a communication and dissemination plan for the Migration campaign including key messaging and promotional texts for the migration project and collection days. EF organised a Migration Task Force meeting in The Hague with six migration museums to ensure their proactive contribution to the development and planning of the migration collection days. We also invited partner institutions to host events with volunteer Wikimedians in parallel to their 'collection day' activities.

EF hold two 'trial run' collection days to test the proposed UGC approach and communication: the first was undertaken internally with Europeana staff and the second in conjunction with an expat fair in The Hague. Useful findings and outputs from both have been fed into messaging, templates and the development of use cases.

EF also worked on preparations for the Migration Collection Days kick-off event. We developed a roadmap and liaised with the House of European History on the first Migration Collection Day, planned for Brussels in March 15-17. EF undertook following activities related to the event:

- Development of communication and dissemination plan for and around the kick-off event collection day in Brussels March 15-17, which can also be shared as a template with participating museums in future events.
- Reaching out to migrant communities, schools, and care homes for the elderly to promote attendance and participation in the Brussels event.
- Development of supporting information and collateral to explain and promote the Brussels event, including presentations of use cases, permission slips, postcards, banners and videos. This material is intended to also provide the basis for templates and a communications kit for museums participating in other countries.
- Engagement of a PR agency to support media work related to the Brussels event.

### **Campaign on Europeana 1914-1918**

EF and F&F finalised the Europeana 1914-1918 Centenary Tour promotion plan and overview of online activities (in relation to European Year of Cultural Heritage). Please see C. Improve content distribution mechanisms and Europeana 1914-1918 for more information.

## **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 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, GIPHY). (Tender, Task 3.2.5 Work with third party platforms, task 4.1.5 Cooperate with third party platforms)

For the Valentine's Day (14 February 2018) Europeana had a guest blog post on the DailyArt Magazine<sup>100</sup> (which was promoted by Creative Europe<sup>101</sup>), an artwork in the app and featured love GIFs on GIPHY<sup>102</sup> (over 3,5 million views).

### **Wiki community**

Preparation for the 'Migration' campaign continues - including inviting partner institutions to host events with volunteer Wikimedians in parallel to their 'collection day' activities.

### **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. (Tender, task 3.2.19 Build up the Europeana Education community, task 4.1.8 Communication to the educational sector)

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<sup>100</sup> Five Ideas For Valentine's Day Inspired By Art History. View at <http://www.dailyartmagazine.com/valentines-day-inspired-by-art/>

<sup>101</sup> Tweet by Creative Europe on Twitter. View at [https://twitter.com/europe\\_creative/status/963746701503881217](https://twitter.com/europe_creative/status/963746701503881217)

<sup>102</sup> GIFs on GIPHY. View at <https://giphy.com/search/@europeana-valentines?channel=europeana>

EF provides a dedicated space on Europeana Pro for the Education community<sup>103</sup> with information and quick access to ready-to-use resources. During the reporting period, we published six blog posts<sup>104</sup> on educational topics (of which four on our #edTech challenge and two on other educational updates), which were respectively promoted on the Europeana Twitter account. Europeana Education LinkedIn group kept growing and registered 65 new members (total 187 members). We also enriched our educational resources gallery on Europeana Pro with the Spanish version of the Europeana guide for educators. It is worth noting that the guide is now available in English, French and Spanish.

## **Work with eTwinning**

EF 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)

EF held a webinar on 'Europeana: how to inspire learners with digital culture' on 8 February 2018. The seminar aimed to inspire educators to explore Europeana's rich and diverse digital resources - from thematic collections and virtual exhibitions to educational apps and tools - and help them create new and engaging learning experiences for their classrooms. The webinar was very successful, registering nearly 300 teachers from 22 countries. It was very positively received: over 97% rated the webinar quite useful and very useful and over 90% rated the information received very good & excellent (with over 60% for excellent). The average rating for Europeana as an educational resource was 8.9 (in the scale from 1 to 10), with Net Promoter Score of 62 on 'would you recommend Europeana to a colleague!'

Europeana and eTwinning progressed with the planning of the next steps. An eTwinning team will film an interview with Milena Popova, Business Development Manager at EF, in March 2018 as a resource for digital learning and will promote it on the eTwinning platform. Furthermore, EF will contribute an expert article on cultural heritage for education to the annual eTwinning book (to be distributed online as well as in a print version at the eTwinning annual conference in Warsaw in October 2018). Europeana will also participate in the eTwinning Spring campaign, eTwinning weeks in September and at the annual conference (with a workshop and a panel).

## **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).<sup>105</sup>

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<sup>103</sup> Europeana Education community. View at

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

<sup>104</sup> Europeana blog posts related to Education. View at

<https://pro.europeana.eu/pages/blog/blog/markets/education>

<sup>105</sup> Europeana space on Edutheque. View at <http://www.edutheque.fr/utiliser/partenaire/europeana.html>



The Ministry of Education also connected Europeana to Réseau Canopé<sup>106</sup> which will coordinate a collaboration with selected French teachers to develop new educational learning resources with Europeana content. The second of the three planned one-day workshops with fourteen selected French teachers took place on 31 January in the offices of Réseau Canope in Poitiers. The teachers worked alone or in groups to complete their pedagogical scenarios developed during the first workshop. Many helped each other in finding useful tools for their class, being more precise about competencies and learning activities. At the end, teachers received instructions how to fill in their log book and are now ready to test their scenario in their class. They will come back to the last workshop on 16 May 2018 to share their experiences.

We built up further our relationship with the Ministry of Education, Culture and Sport in Spain to raise awareness about Europeana among Spanish educators. The partner translated our guide for educators in Spanish<sup>107</sup> and published it under the Learning Resource section on their educational platform Procomun<sup>108</sup>. We also posted relevant articles (for example, on our digital learning webinars and Europeana edTech challenge) in their social network section. (Tender, task 3.2.10 Build partnerships with commercial and noncommercial partners in education)

### **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)

EF attended BETT 2018<sup>109</sup>, the global educational event between 24 - 27 January in London. The event welcomed 850 leading companies, 103 edtech startups and over 34,700 attendees (131 countries represented) from the global education community. We made good contacts with educational publishers (Hodder Education, Britannica Digital Learning, etc.), learning software providers (Avantis VR solutions, SmartBoard, etc.) and educational networks (edTech Global, Educate). We are currently following up on these leads.

### **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

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<sup>106</sup> Réseau Canope. View at <https://www.reseau-canope.fr/>

<sup>107</sup> ¿Qué es EUROPEANA? ¿Cómo usarla? View at <http://procomun.educalab.es/es/ode/view/1513678598307>

<sup>108</sup> Learning Resource section on educational platform Procomun. View at <https://procomun.educalab.es/es/comunidades/europeana-patrimonio-digital-de-la-cultura-europea>

<sup>109</sup> BETT 2018. View at <https://www.bettshow.com/whats-on/bett-show-2018-highlights/#/>

development materials for teachers in several languages. (Tender, task 3.2.11 Organise a developer group of teachers)

In the reporting period, the Developer Group of teachers finalized their learning activities with support from EUN's pedagogical expert, and some of them have already implemented and tested them in the classroom with their students. The Developer Group of teachers was informed via an online call of the upcoming tasks they need to perform in Europeana DSI-3, which are to finalize their learning activities and datasets and start their work on the professional development materials for teachers.

### **Development of a MOOC**

EUN will use the resources delivered by the Teacher Developer Group and create some additional content (including videos and MOOC modules for teachers). (Tender, Subtask 3.2.12 Develop a MOOC)

Work on the development of a MOOC started with preparing an outline, which contains the overarching learning objectives of the MOOC, of each module and the envisioned content to be featured (interviews, learning activities, quizzes, etc.). The learning activities and professional development materials that the Developer Group of teachers is preparing will be a core part of the MOOC. Based on these, EUN, together with the Developer Group, will produce a series of interviews, guides, and training materials that will be featured in the course.

### **Community and online support for Europeana Education User Group**

EUN will identify and provide community and online support to up to 60 teachers (approximately ten teachers from Europeana's six target countries) who will form a Europeana Education User Group. (Tender, task 3.2.13 Community and online support for the Europeana Education user Group) In the reporting period, the call for the Europeana Education User Group has been prepared, launched and the teachers are in the process of being informed of their selection. The evaluation framework is undergoing discussions and will be fully defined once the User Group is set-up and launched.

### **Historiana eLearning Environment**

EUROCLIO worked on the development of the Historiana eLearning Environment<sup>110</sup> and on a teacher training package using Europeana content. (Tender, task 3.2.14 Work with Historiana)

EUROCLIO is continuing with the testing of the Historiana eLearning Environment (e.g. monitor the progress, agree on the priority setting, bugs and feature requests). At the moment, work focuses on 1) the development of a new admin that will enable EUROCLIO

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<sup>110</sup> Historiana. View at <https://www.beta.historiana.eu/#/>

to edit all the resources in one integrated site, and 2) improving the workflow in which teachers work with their students and review their answers. This is being prioritised because when fixed, EUROCLIO can do further testing of the Historiana eLearning Environment.

### **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) EUROCLIO recruited a lead trainer who is now working on the teacher training package, and started the work on the development of the source collections that will be used during the workshops (to challenge and support educators to make their own eLearning Activities).

### **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) The communication strategy has been finalised and will move to the implementation stage.

## **Creative Industries**

EF continued building the community for Creative Industries (i.e. cultural heritage developers and digital innovators) by enriching the content on Europeana Labs<sup>111</sup>. During the reporting period, we published 1 new dataset (Finnish National Gallery open collection<sup>112</sup>) and one new application (MoMU's winning project from our match funding call "Capturing Fashion in the 20th Century with Frieda Dauphin-Verhees' Study Collection"<sup>113</sup>).

Monthly, EF publishes a newsletter<sup>114</sup> (e.g. Europeana Labs News, February 2018<sup>115</sup>) for the Europeana Labs community (2,728 subscribers). We also regularly published new blog posts<sup>116</sup> on Europeana Labs (e.g. Get started with our APIs for a successful Europeana #edTech Challenge application, February 2018<sup>117</sup>) and posted updates on a dedicated Twitter<sup>118</sup> account (c. 1.054 followers). (Tender, task 3.2.20 Continue building up the Europeana Labs community, task 4.1.9 Communication to creative industries)

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<sup>111</sup> Europeana Labs. View at <https://pro.europeana.eu/what-we-do/creative-industries>

<sup>112</sup> Curated dataset on Europeana Labs. View at <https://pro.europeana.eu/resources/datasets>

<sup>113</sup> Europeana Labs. View at <https://pro.europeana.eu/resources/apps>

<sup>114</sup> Europeana Labs newsletters. View at <http://us3.campaign-archive.com/home/?u=ad318b7566f97eccc895e014e&id=935d4e98eb>

<sup>115</sup> Europeana Labs News, February 2018. View at <https://us3.campaign-archive.com/?u=ad318b7566f97eccc895e014e&id=075eaabf9f>

<sup>116</sup> Blogs on Europeana Labs. View at <https://pro.europeana.eu/pages/blog/blog/markets/creative-industries>

<sup>117</sup> Blog on Get started with our APIs for a successful Europeana #edTech Challenge application. View at <https://pro.europeana.eu/post/get-started-with-our-apis-for-a-successful-europeana-edtech-challenge-application>

<sup>118</sup> Europeana Labs on Twitter. View at <https://twitter.com/europeanalabs?lang=en>

## 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 January 2018, we announced our partnership with the MashUp festival<sup>119</sup> which calls for creation of the best mashup short films with archival content from Europeana, French National Centre of Cinematography, the Moving Image (CNC) and LaCinéTek. Selected Europeana openly licensed film content was submitted and featured<sup>120</sup> on the festival website. The call for proposal closes on 28 February 2018 and the festival with screenings of the selected mashups will run between 15 March and 15 April 2018. A EF representative will be a member of the jury which will decide on and announce the winners mid-April. A joint press release was issued by Europeana and Mashup and the competition has been promoted on Europeana social media channels<sup>121</sup>.

Our partnership with the Italian startup Art Stories and winner of the Europeana Challenge 2016 continues to yield positive results. Art Stories released on 11 January 2018 a new and significantly improved version<sup>122</sup> of the educational game Art FACES. Since then the app registered over 31,000 downloads, mostly from the USA and Canada, followed by Europe, Asia Pacific and Latin America.

## 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)

On 15 January 2018 we launched the Europeana #edTech challenge<sup>123</sup>, with €30,000 prize fund for the best products, services or businesses that bring together digital cultural heritage and educational technology. We invited applications from individuals or teams of creatives from around the world before 28 February. Eligible proposals included but were not limited to digital applications, games, web services, learning software, etc. We accepted proposals at various stages of maturity, including those for existing applications and educational platforms that the creator would like to develop further with Europeana

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<sup>119</sup> MashUp festival. View at <http://mashup-film-festival.com/en/>

<sup>120</sup> Europeana content on Mashup. View at [http://mashup-film-festival.com/portfolio\\_page/films-europeana/](http://mashup-film-festival.com/portfolio_page/films-europeana/)

<sup>121</sup> MashUp Film Festival: 1,000+ films available for new creations. View at <https://pro.europeana.eu/post/mashup-film-festival-1-000-films-available-for-new-creations>

<sup>122</sup> Art Stories FACES new release: more art, more fun, better learning. View at <https://pro.europeana.eu/post/art-stories-faces-new-release-more-art-more-fun-better-learning>

<sup>123</sup> Europeana #edTech Challenge 2018 - Terms and Conditions. View at <https://pro.europeana.eu/page/europeana-edtech-challenge-2018-terms-and-conditions>

content. Europeana #edTech challenge winners will be selected by a jury panel of experts from education, cultural heritage and creative industries and will be announced in the last week of March 2018. The challenge was under the patronage of the European Year of Cultural Heritage.

It is worth noting that our extensive communication campaign on promoting the Europeana #edTech Challenge during the reporting period increased Labs' visibility and Europeana Labs Twitter followers notably. Our blog on the #edTech challenge launch was by far the most popular blog post on Europeana Pro<sup>124</sup> for the reporting period (4,778 page views as of 21 Feb).

### **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 finalised and published the Makers market pilot report<sup>125</sup> during the reporting period. The report documents our makers research and field findings throughout 2017, and proposes recommendations about the next steps for Europeana on the makers market. In brief, we will not pursue the maker market for the time being and will consider re-evaluation of this decision in two years. Meanwhile, we will monitor the maker market developments, focus on improving our 3D content offer and explore the link between makers and two other key markets for Europeana - education and cultural heritage institutions. More in our blog<sup>126</sup>.

### **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.<sup>127</sup> The space promotes material (over 170 open datasets, e.g. dataset on The Antun Gustav Matoš collection<sup>128</sup>), issues call to actions (i.e. Grants programme) 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)

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<sup>124</sup> Europeana #edTech Challenge. View at <https://pro.europeana.eu/post/europeana-edtech-challenge>

<sup>125</sup> Makers market pilot report. View at <https://pro.europeana.eu/files/labs.europeana.eu/labs/blog/Europeana%20Makers%20Market%20Pilot%20Report%202018.pdf>

<sup>126</sup> #MakeWithEuropeana: Makers market pilot report. View at <https://pro.europeana.eu/post/makewitheuropeana-makers-market-pilot-report>

<sup>127</sup> Europeana Research. View at <https://pro.europeana.eu/what-we-do/academic-research>

<sup>128</sup> Digitising our literary heritage: The Antun Gustav Matoš collection (1873-1914). View at <https://pro.europeana.eu/post/the-antun-gustav-matos-literary-bequest>.

Europeana Research contributed resources to a new training module geared towards digital humanities researchers developed by PARTHENOS. Europeana promoted their value to digital humanities research by including resources on Linked Open Data, rights statements, the Europeana Data Model, and more to the training module. Europeana Research promoted this collaboration in a blog announcing the new module<sup>129</sup>. Europeana Research also continued to support research projects involving Europeana by promoting collaborations on Europeana Pro, for instance Europeana’s presence at the European Open Science Cloud conference, January 2018<sup>130</sup>.

Activities and updates were published via EF’s general communication and dissemination channels and dedicated channels such as Europeana Research on Twitter<sup>131</sup> (ca. 1,9K followers). The work of Europeana Research is supported by the Europeana Research Advisory Board chaired by Professor Lorna Hughes (UoG).<sup>132</sup>

Social media channel	December 2017	February 2018
Europeana Research on Twitter	c. 1,9K followers	c. 2K followers

## Research Grants Programme

UoG, AthenaRC and EF developed in close collaboration with the Board, the Europeana Research Grants Programme for the academic year 2017-2018<sup>133</sup>. The programme was launched in September 2017 and in November successfully concluded with over 60 submissions from 21 countries and 45 different research institutions. Three proposals were chosen to become funded projects under the Europeana Research Grants Programme. These projects were announced in December 2017. The funded projects started work on January 2018 and will produce a first progress reports by Q2 2018.

## Connect to Research Infrastructures

EF an CLARIN continued to connect to Research Infrastructures (e.g. EUDAT conference, Porto, January 2018<sup>134</sup>) (Tender, task 3.2.7 Connect to Research Infrastructures).

<sup>129</sup> PARTHENOS releases new training module for digital humanities researchers. View at <https://pro.europeana.eu/post/parthenos-releases-new-training-module-for-digital-humanities-researchers>

<sup>130</sup> Europeana and partners to showcase big data collaboration at European Open Science Cloud conference. View at

<https://pro.europeana.eu/post/europeana-and-partners-to-showcase-big-data-collaboration-at-european-open-science-cloud-conference>

<sup>131</sup> Europeana Research on Twitter. View at <https://twitter.com/EurResearch>

<sup>132</sup> Europeana Research Advisory Board. <https://pro.europeana.eu/page/europeana-research-advisory-board>

<sup>133</sup> 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>

<sup>134</sup> EUDAT conference, Porto, January 2018. View at <https://eudat.eu/events/conferences/save-the-date-eudat-conference-putting-the-eosc-vision-into-practice>

CLARIN and EF presented a poster at the EUDAT Conference, with the title 'Bringing Europeana and CLARIN together: Dissemination and exploitation of cultural heritage data in a research infrastructure'<sup>135</sup>. A blog post promoting the presentation at the EUDAT conference was written and promoted via Europeana Pro research blog<sup>136</sup>. CLARIN also started co-organising a metadata hackathon (March 2018) involving VLO metadata including converted Europeana metadata (see RDA P11 side meeting webpage<sup>137</sup>).

UoG co-organized Europeana Board member activities and consulted with them on Europeana Research dissemination through other infrastructures (DESIR, etc). UoG and AthenaRC also worked on potential publication on work conducted within other initiatives (Living Legacies AHRC project) and Europeana Research. UoG actively disseminated Europeana Research and its potential for researchers to workshops and conferences within the UK.

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

EF coordinates the Europeana Network Association (ENA)'s 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**

To support and engage with the Europeana Network Association EF uses various tools for communication while the Europeana Pro site is instrumental in our dissemination efforts. (Tender, task 3.1 User community engagement and support, task 4.5 Animate and further enlarge the Europeana Network Association, 4.5.1 Europeana Network Association secretariat).

The secretariat continued coordinating the Network Association governance, Task Forces, Working Groups, their campaigns, and Europeana's and Network's involvement in 2018 European Year of Cultural Heritage. We built up relations and engaged our audiences by enriching the content on the Europeana Pro website with new blogs<sup>138</sup> (e.g. on Serbia's

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<sup>135</sup> Bringing Europeana and CLARIN together: Dissemination and exploitation of cultural heritage data in a research infrastructure. View at <https://eudat.eu/eudat-conference-posters-0#6>

<sup>136</sup> Europeana and partners to showcase big data collaboration at European Open Science Cloud conference. View at

<https://pro.europeana.eu/post/europeana-and-partners-to-showcase-big-data-collaboration-at-european-open-science-cloud-conference>

<sup>137</sup> 11th RDA Plenary. View at

<https://rd-alliance.org/11th-rda-plenary-industry-side-meeting-towards-flourishing-data-economy-19-20-march-2018-berlin>

<sup>138</sup> Blogs on Europeana Pro. View at <https://pro.europeana.eu/blog>

cooperation with Europeana under the European Year of Cultural Heritage, January 2018<sup>139</sup>, launch of a new international think tank on audiovisual archiving, January 2018<sup>140</sup>, and introducing newly-elected Councillors in 'Meet the Members Council'<sup>141</sup> series). They are relayed through various communication channels such as LinkedIn, Twitter and Facebook.

Monthly, EF publishes a newsletter referred to as monthly Network Update<sup>142</sup> reaching 2,117 subscribers (e.g. Network Update of January 2018<sup>143</sup>). This includes the latest developments within the professional community. The newsletters are endorsed by the Members Council with each Councillor taking their turn as Editor-in-Chief (e.g. Ellen Euler, Professor of University of Applied Sciences Potsdam, Germany in January 2018). EF also manages the Europeana LinkedIn Group<sup>144</sup> (3878 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.

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 2,117<sup>145</sup>. The number includes around 450 unconfirmed members left from the 2017 Membership campaign<sup>146</sup> that were approached again in January and February 2018 with a request to confirm their interest to remain in the Network Association.

### **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.

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<sup>139</sup> Serbian 2018 calendar created in cooperation with Europeana for the European Year of Cultural Heritage . View at

<https://pro.europeana.eu/post/serbian-2018-calendar-created-in-cooperation-with-europeana-for-the-europeana-year-of-cultural-heritage>

<sup>140</sup> Shaping the future of audiovisual archiving: New international think tank identifies strategic priorities. View at

<https://pro.europeana.eu/post/shaping-the-future-of-audiovisual-archiving-new-international-think-tank-identifies-strategic-priorities>

<sup>141</sup> Meet the Members Council: Sara di Giorgio. View at

<https://pro.europeana.eu/post/meet-the-members-council-sara-di-giorgio>

<sup>142</sup> Newsletters and Updates - December 2017. View at

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

<sup>143</sup> Network Update - January 2018. View at

<https://us3.campaign-archive.com/?u=ad318b7566f97ecc895e014e&id=a1ccc991f3>

<sup>144</sup> Europeana LinkedIn group. View at

[https://www.linkedin.com/start/join?session\\_redirect=https%3A%2F%2Fwww.linkedin.com%2Fgroup/s%2F134927&trk=login\\_reg\\_redirect](https://www.linkedin.com/start/join?session_redirect=https%3A%2F%2Fwww.linkedin.com%2Fgroup/s%2F134927&trk=login_reg_redirect)

<sup>145</sup> Network Association Members. View at

<https://pro.europeana.eu/network-association/network-members>

<sup>146</sup> Let's make next key decisions together: renew your membership! View at

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



(Tender, task 4.5.3 Europeana Network General Assembly) The 2018 AGM and General Assembly will most likely take place in early December 2018 in Vienna, Austria.

## **Governance, Members' Council and Management Board**

EF organises Members Council meetings and Management Board meetings (e.g. 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). Members were elected for 2 year (since 2018 for 3 years) which resulted in eight open seats in the Members Council (MC) in 2017. 634 Network members participated in the elections for the MC in December 2017, which is a 44.0% participation. The #EuropeanaElects hashtag was used 28 times, reaching a total audience of 28,703 people. Together with choosing their new representatives, the Network members voted in favour of all the key Association documents such as the activity plan 2018<sup>147</sup>, annual<sup>148</sup> and financial report 2016<sup>149</sup>, and provisional budget 2018<sup>150</sup>, new Joint Europeana Aspiration and Network Association Approach<sup>151</sup> and modification of the Association Statutes<sup>152</sup>.

The preparations of the first 2018 Members Council meeting have started. The meeting is planned for 5 March in The Hague, Netherlands.

The ENA Management Board (six members) is composed of members of the Members Council. In the reporting period, the Management Board met three times. During those meetings, the Management Board discussed the Association Budget, governance-related matters, Association membership, work of Task Forces and Working Groups, agenda of Members Council meetings and priorities for 2018, and Association's involvement in the

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<sup>147</sup> Europeana Network Association Activity Plan 2018. View at [https://pro.europeana.eu/files/Europeana\\_Professional/Europeana\\_Network/Association\\_Updates/General\\_Assembly\\_Meeting\\_2017/Activity-plan-2018.pdf](https://pro.europeana.eu/files/Europeana_Professional/Europeana_Network/Association_Updates/General_Assembly_Meeting_2017/Activity-plan-2018.pdf)

<sup>148</sup> Europeana Network Association Annual Report 2017. View at [https://pro.europeana.eu/files/Europeana\\_Professional/Europeana\\_Network/Association\\_Updates/General\\_Assembly\\_Meeting\\_2017/Annual-report-2017.pdf](https://pro.europeana.eu/files/Europeana_Professional/Europeana_Network/Association_Updates/General_Assembly_Meeting_2017/Annual-report-2017.pdf)

<sup>149</sup> Joint Europeana Aspiration and Europeana Network Association Approach . View at [https://pro.europeana.eu/files/Europeana\\_Professional/Europeana\\_Network/Association\\_Updates/General\\_Assembly\\_Meeting\\_2017/Europeana-Joint-Aspiration-and-Association-Approach-2017.pdf](https://pro.europeana.eu/files/Europeana_Professional/Europeana_Network/Association_Updates/General_Assembly_Meeting_2017/Europeana-Joint-Aspiration-and-Association-Approach-2017.pdf)

<sup>150</sup> Europeana Network Association Budget 2018. View at [https://pro.europeana.eu/files/Europeana\\_Professional/Europeana\\_Network/Association\\_Updates/General\\_Assembly\\_Meeting\\_2017/Budget-2018.pdf](https://pro.europeana.eu/files/Europeana_Professional/Europeana_Network/Association_Updates/General_Assembly_Meeting_2017/Budget-2018.pdf)

<sup>151</sup> Europeana Network Association Financial Report 2016. View at [https://pro.europeana.eu/files/Europeana\\_Professional/Europeana\\_Network/Association\\_Updates/General\\_Assembly\\_Meeting\\_2017/Finacial-Report-2016.pdf](https://pro.europeana.eu/files/Europeana_Professional/Europeana_Network/Association_Updates/General_Assembly_Meeting_2017/Finacial-Report-2016.pdf)

<sup>152</sup> Introduction to the amended Association Statutes. View at [https://pro.europeana.eu/files/Europeana\\_Professional/Europeana\\_Network/Association\\_Updates/General\\_Assembly\\_Meeting\\_2017/Association-Statutes-changes-2017.pdf](https://pro.europeana.eu/files/Europeana_Professional/Europeana_Network/Association_Updates/General_Assembly_Meeting_2017/Association-Statutes-changes-2017.pdf)

European Year of Cultural Heritage. Minutes and actions of those meetings are regularly updated following their review on Europeana Pro page<sup>153</sup>.

## Task Forces and Working Groups

The Network Association members take on specific subjects or areas of common interest by participating in the Task Forces<sup>154</sup> and Working Groups<sup>155</sup>. 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 four active task forces:

1. TF Impact Assessment<sup>156</sup>
2. TF Europeana Resource Citation and Object Identity Standardization<sup>157</sup>
3. TF Creation and Governance of EDM mappings, profiles and extensions<sup>158</sup>
4. TF Europeana Migration<sup>159</sup> (new)

Two task forces recently ended and are currently in the final review process: Advanced documentation of 3D Digital Assets<sup>160</sup> and Network Participation Framework<sup>161</sup>.

Working Groups (WGs)<sup>162</sup> 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. Currently EF supports five active WG (WG Copyright Policy<sup>163</sup>, WG Library<sup>164</sup>, WG #AllezCulture<sup>165</sup>, WG Data Quality<sup>166</sup>, and WG Governance<sup>167</sup>). The new 2018 Governance Working Group and AGM Working Group will be appointed by the Members Council in March 2018.

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<sup>153</sup> Newsletters and Updates. View at <https://pro.europeana.eu/resources/document-archive/newsletters-and-updates#network-association-updates>

<sup>154</sup> Europeana Task forces. View at <https://pro.europeana.eu/network-association/task-forces>

<sup>155</sup> Europeana Working Groups. View at <https://pro.europeana.eu/network-association/working-groups>

<sup>156</sup> TF Impact Assessment. View at <https://pro.europeana.eu/project/impact-assessment>

<sup>157</sup> TF Europeana Resource Citation and Object Identity Standardization. View at <https://pro.europeana.eu/get-involved/task-forces/resource-citation-object-identity-standardization>

<sup>158</sup> TF Creation and Governance of EDM mappings, profiles and extensions. View at <https://docs.google.com/document/d/18Csr68hcWVH4md-xpGbHbiXZbeFluDsQPdDxP6Yg/edit>

<sup>159</sup> TF Europeana Migration. View at [https://docs.google.com/document/d/13leil\\_dY-IFFA0whyU3TxFzsk1\\_TVxasRwZ4Oh-epQI/edit](https://docs.google.com/document/d/13leil_dY-IFFA0whyU3TxFzsk1_TVxasRwZ4Oh-epQI/edit)

<sup>160</sup> TF Advanced documentation of 3D Digital Assets. View at <https://pro.europeana.eu/get-involved/task-forces/advanced-documentation-of-3d-digital-assets-1>

<sup>161</sup> TF Network Participation Framework. View at <https://pro.europeana.eu/get-involved/task-forces/network-participation-framework-task-force>

<sup>162</sup> WGs on Europeana Pro. View at <https://pro.europeana.eu/network-association/working-groups>

<sup>163</sup> Copyright Policy Working Group. View at <https://pro.europeana.eu/project/copyright-policy-working-group>

<sup>164</sup> WG Library. View at <https://pro.europeana.eu/project/library-wg>

<sup>165</sup> WG #AllezCulture. View at <https://pro.europeana.eu/project/allezculture-working-group>

<sup>166</sup> WG Data Quality. View at <https://pro.europeana.eu/project/data-quality-committee>

<sup>167</sup> WG Governance. View at <https://pro.europeana.eu/project/governance-working-group>

## 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 communicate regularly to resolve or work on issues: EuropeanaTech community and Europeana Copyright community<sup>168</sup>.

### EuropeanaTech community

NISV coordinates the EuropeanaTech community together with EF, focusing on digital engagement and 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.<sup>169</sup> NISV coordinated the publication of a newsletter as well as publishing a EuropeanaTech Insight on the TPD Conference and coordinated the call for contributions for another EuropeanaTech Insight article on the SWIB conference. NISV also continued its ongoing research into FLOSS communities and their dynamics by conducting interviews and desk research.

EF and NISV started organisation of the EuropeanaTech 2018<sup>170</sup> conference, scheduled for May 15-16 2018 at the SS Rotterdam in Rotterdam, the Netherlands. This third EuropeanaTech Conference aims to put Tech at the centre of the Year of European Cultural Heritage. The conference will bring together an international network of technical and R&D specialists from world GLAM organisations, research institutions and creative industries to share innovative progress, transfer knowledge, and forecast the technical future of Europeana and digital cultural heritage. They will discuss topics of major interest to the Europeana community, and advise on data, discovery and delivery. The event will target 250 developers, researchers, technologists and data specialists with cultural heritage interests, and will be sponsored by the EuropeanaTech community. The programme of the conference will be supervised by a voluntary programme committee, derived from the Europeana DSI-3 consortium, the Europeana Network and invited experts. In particular, we have assembled an advisory board and received 49 submissions for a call for presentations.

Wikimedia is planning for a strong presence at the 'EuropeanaTech' conference. The Wikimedia Foundation recognise the significance of the event as a forum for meeting key technical people in European cultural heritage and are investing sending a large contingent.

A communications and dissemination plan was developed and agreed for the promotion of the 2018 EuropeanaTech event. Initial activities in this period included: promotion of a 'save

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<sup>168</sup> A dedicated space on Europeana pro will be created throughout the Europeana DSI-3 project.

<sup>169</sup> EuropeanaTech newsletters. View at <https://pro.europeana.eu/page/europeanatech-insight>

<sup>170</sup> Europeana Tech conference. View at <https://pro.europeana.eu/event/europeanatech-conference-2018>

the date' via social media and other channels – generating over 75 interested registrants in direct response; promotion of a call for papers via social media and other channels; publication of a blog promoting the first release of keynote speakers for the event.

### **Europeana Copyright community**

EF and Lovegrove, supported by KL, will further develop the Europeana Copyright community. (Tender, task 4.7.2 Europeana IPR community). A dedicated space for the copyright community<sup>171</sup> on Europeana Pro was developed and published. The copyright community space will aggregate information on our advocacy efforts, copyright news from the community and highlight resources to support the correct labelling of digital object with rights statements as well as case studies showcasing best practices. This was reviewed by a small group of aggregators with a view to refining the information presented before the first newsletter is circulated (expected in March 2018).

### **Cultural heritage institutions and stakeholders**

EF communicates with CHIs and other stakeholders via Europeana Pro<sup>172</sup>. (Tender, task 4.1.1 Communication to cultural heritage institutions and stakeholders) Communication activities are reported in the sections related to the target market and/or subject of communication. A list of additional communication activities is provided in [Annex IV: Communication and dissemination activities](#) (such as events, meetings and conferences attended along with online and offline publications).

### **Europeana Communications group**

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 newsletter<sup>173</sup>, which includes campaign news from Europeana, as well as PR, social media and communications tools and resources (e.g. Digital culture news from Europeana and beyond, February 2018<sup>174</sup>). The open rate is still high with 61,4% and a click rate of 28,1%. This has gone up slightly since the 2<sup>nd</sup> periodic report. EF continued to build up the Basecamp membership as a means of sharing information and best practice.

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<sup>171</sup> Copyright on Europeana Pro. View at <https://pro.europeana.eu/network-association/special-interest-groups/europeana-copyright>

<sup>172</sup> Europeana Pro. View at <https://pro.europeana.eu/>

<sup>173</sup> Communications update from Europeana. View at <http://us3.campaign-archive.com/home/?u=ad318b7566f97ecc895e014e&id=6741190c56>

<sup>174</sup> Digital culture news from Europeana and beyond, February 2018. View at <https://us3.campaign-archive.com/?u=ad318b7566f97ecc895e014e&id=30bdef20f3>

The contribution and publication of a news blog<sup>175</sup> by the Bibliotheque national de France about Gallica Studio was a direct result of being a member of the communicators' group.

## **Europeana Aggregator Forum**

EF maintains and develops the Europeana aggregator community by organising 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)

EF maintained the Aggregator Forum Basecamp. EF and several partners in Germany are in preparation for the Spring edition of the Aggregator Forum meeting in Berlin, 22-23 March 2018. In this context we are also investigating with ACE and Photocons how to reboot the Aggregator Forum.

## **Statistic Reporting**

EF continues to provide usage statistics of Europeana on the Europeana Pro Page. We provide quarterly reports<sup>176</sup> on the Europeana end-user products, social media and third-party platforms. We published the latest report in January 2018<sup>177</sup> which illustrates the developments over time in 2017 and Q4 of 2017. EF also provides the reports for Members States<sup>178</sup> of which we increased the frequency from once to two per year. (Tender, task 4.2. Improved statistics reporting on use of Europeana) EF also reported on the use of Europeana in the deliverable C.3 Data Access patterns<sup>179</sup> in January 2018.

## **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 the reporting period, no meeting was held involving the Europeana Foundation Board, Steering Group, or DCHE.

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<sup>175</sup> Towards new uses of cultural heritage online: Gallica Studio. View at

<https://pro.europeana.eu/post/towards-new-uses-of-cultural-heritage-online-gallica-studio>

<sup>176</sup> Usage statistics of Europeana data. View at

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

<sup>177</sup> Usage Statistics Q4 2017. View at <https://pro.europeana.eu/page/usage-statistics-q-4-2017>

<sup>178</sup> Member states page on Europeana Pro. View at <https://pro.europeana.eu/what-we-do/member-states>

<sup>179</sup> Report can be viewed in the project documentation section of the project page of Europeana DSI-3. View at <https://pro.europeana.eu/project/europeana-dsi-3>

## F. Maintain an international interoperable licensing framework

EF and KL continued to maintain the Europeana Licensing Framework<sup>180</sup> 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.org<sup>181</sup> 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)<sup>182</sup> of the Europeana Licensing Framework. The agreement structures the relationship between EF and data providers. A paper delineating the changes needed was approved by the Board (November 2017) and the Commission was requested to comment prior to commencing consultation with data partners. The paper has been circulated to a group of data partners (Photocons, MCA, ACE, AIT Graz) for their preliminary review by end of February 2018. Responding to the feedback will take place in March-April 2018.

EF chairs the Steering Committee for the Rightsstatements.org consortium<sup>183</sup>. Its members are continental or national digital libraries or platforms (including EF, Digital Public Library of America (DPLA)<sup>184</sup>, Library & Archives Canada (LAC), National Digital Library of India (NDL), and National Library of Australia (Trove)). The Rightsstatements.org Business plan for 2018 is completed and will be published in March 2018, setting in place four goals for the consortium to reach in order to further the embedding of rights statements in cultural heritage institutions globally.

Translations of the rights statements are continuing to be developed, with German, Estonian and Finnish expected to be published for public feedback in March 2018. RightsStatements.org statements was also integrated in Wikidata and will begin being modelled alongside the Creative Commons suite of terms.

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<sup>180</sup> Europeana Licensing Framework. View at <https://pro.europeana.eu/post/the-europeana-licensing-framework>

<sup>181</sup> Rightsstatements.org. View at <http://rightsstatements.org/en/>

<sup>182</sup> Data Exchange Agreement. View at <https://pro.europeana.eu/page/the-data-exchange-agreement>

<sup>183</sup> Rightsstatements.org. View at <http://rightsstatements.org/en/>

<sup>184</sup> Digital Public Library of America (DPLA). View at <https://dp.la/>

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

EF published the Europeana Business Plan 2018<sup>185</sup> titled 'Democratizing Culture' which outlines the achievements we're planning for the year 2018 (e.g. participatory campaigns in the context of the European Year of Cultural Heritage, EuropeanaTech conference, deployment of the aggregation tool Metis).

### 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 Taskforce<sup>186</sup> towards the publication of the components of the impact toolkit in 2017. The components developed consisted of a guide for cultural heritage organisations to assess their impact - the Europeana Impact Playbook<sup>187</sup>. The impact work is supported by a video explainer<sup>188</sup>, a website<sup>189</sup>, blogs and a community of impact professionals (on LinkedIn<sup>190</sup>, 167 followers).

EF created a communications and dissemination plan for Impact for 2018 including key objectives such as: awareness and uptake of the Impact playbook, developing an engaged community, as well as positioning Europeana as an innovator and leader in this area. The activities focus on online and social media platforms and actions. Related activity in this period included promotion and discussion via blogs, newsletter and external articles (e.g. published blog on Impact plans for 2018<sup>191</sup>, published showcase blog on the first of our 5 2018 Impact Assessments – National Library of Wales<sup>192</sup>). All outputs were promoted via Europeana's social media channels.

EF commenced work on developing ten case studies demonstrating economic impact by working with DEN, National Library of Wales, SMK, Transcribathon, SmartSquare and the

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<sup>185</sup> Europeana Business Plan 2018. View at

<https://pro.europeana.eu/post/europeana-business-plan-2018-democratizing-culture>

<sup>186</sup> Impact Assessment Taskforce. View at <https://pro.europeana.eu/project/impact-assessment>

<sup>187</sup> Europeana Impact Playbook. View at

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

<sup>188</sup> Impact video. View at <https://vimeo.com/238533045>

<sup>189</sup> Impact website. View at <https://pro.europeana.eu/what-we-do/impact>

<sup>190</sup> Impact of Cultural Heritage Institutions on LinkedIn. View at <https://www.linkedin.com/groups/13528017>

<sup>191</sup> Published blog on Impact plans for 2018. View at

<https://pro.europeana.eu/post/looking-ahead-at-impact-what-s-in-store-for-2018>

<sup>192</sup> Published showcase blog on the first of our 5 2018 Impact Assessments – National Library of Wales. View at <https://pro.europeana.eu/post/exploring-our-impact-at-the-national-library-of-wales>

Europeana Migration project. We also started the work of the Impact Taskforce 2.0 whose work in 2018 will continue the work of the previous 2017 taskforce by supporting the development of the next phase of the playbook. Training on economic impact assessment was undertaken and the first impact assessment workshop for the migration campaign held.

## **Work with Member States and EU Parliament**

EF and Lovegrove 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 States<sup>193</sup>. We regularly publish a newsletter specifically targeted towards Member States (i.e. Europeana Quarterly Update - Winter 2017<sup>194</sup>). There were no Member States or EU Parliament related events organised during this reporting period. 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) operate during Europeana DSI-3. EF made 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.

### **Migration in the Arts and Sciences<sup>195</sup>**

EF and consortium partners meet regularly to discuss content selection, ingestion and curation. Basecamp is being used effectively as a communication tool. In the reporting period, work has continued on the selection and digitization plans for this project. Partners are in the process of digitisation of their content that will be ingested to Europeana. Browse Entry Points for the Europeana Migration thematic collection have been identified. The landing page for Europeana Migration<sup>196</sup> was updated in preparation for the launch of the Europeana Migration campaign launch.

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<sup>193</sup> Members State page. View at <https://pro.europeana.eu/what-we-do/member-states>

<sup>194</sup> Europeana Quarterly Update - Winter 2017. View at <https://us3.campaign-archive.com/?u=ad318b7566f97eccc895e014e&id=33159eb858>

<sup>195</sup> Project page Migration in the arts and Sciences on Europeana Pro. View at <https://pro.europeana.eu/project/migration-in-the-arts-and-science>

<sup>196</sup> Europeana Migration. View at <https://www.europeana.eu/portal/en/collections/migration>



## **Rise of Literacy<sup>197</sup>**

EF and consortium partners meet regularly to discuss content selection, ingestion and curation. Basecamp is being used effectively as a communication tool. Groups are dedicated to the two thematic collections that will be delivered (Europeana Manuscripts and Europeana Newspapers). In the reporting period, all partners actively contributed to the project. The partners prepared the digitisation of the content that they will bring to Europeana and data improvements were discussed with EF's Data Ingestion team. Editorial planning started and a sustainability plan is being planned. The manuscript query is still being developed and is on track for launch in March 2018.

## **Byzantine Arts and Archaeology (BYZART)<sup>198</sup>**

The BYZART project will deliver about 75,000 objects to Europeana Collections. BYZART chose an internal aggregator, AlmaDL, that has already cooperated with Europeana in other projects as ingestion route to Europeana. In this reporting period, the ingestion team gave advice for the BYZART project in regard to data quality, metadata standards and ingestion.

## **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 deliverables E.1 Transfer of assets and liabilities and E.3 Employed staff report. The documents were submitted to the Commission in October 2017 and updated upon the Commission's request, during this reporting period. EF developed a process to technically handover the infrastructure. This is reported on in deliverable E.2 Transfer process report and the infrastructure is described in deliverable A.1 Europeana Infrastructure version 1.0, submitted to the Commission in February 2018.

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<sup>197</sup> Project page Rise of Literacy on Europeana Pro. View at <https://pro.europeana.eu/project/rise-of-literacy>

<sup>198</sup> Project page Byzantine Arts and Archeology on Europeana Pro. View at <https://pro.europeana.eu/project/byzantine-art-and-archaeology>

## 2. Key Performance Indicators (KPI)

As specified in the Tender the KPIs have been updated based on the Business plan 2018.

Description	Actual 31 January 2018	Proposed target end of 2018
<b>Cultural Heritage Institutions</b>		
CHI satisfaction: 60% rate relationship with aggregator as 4+ on a Likert scale of 1-5	Not measured	60%: 4+
Aggregator satisfaction: 60% rate relationship with aggregator as 4+ on a Likert scale of 1-5	Not measured	60%: 4+
Tier 2+ data: 40% of the total	Not measured, due to technical problems in our backend we are currently not able to extract the up to date numbers to report on the tiers of the Europeana Publishing Framework	40% of the total
Tier 3+ data: 20% of the total		20% of the total
<b>European Citizens</b>		
Net Promoter Score for thematic collections, exhibition and blog > 30	Not measured	> 30
Reach of Europeana data: total impressions 3rd parties (Wiki, DailyArt ect.): 150 million	13,057832	150,000,000
Reach of Europeana data: Total impressions social media: 82 million	10,488,309	82,000,000
Reach of Europeana data: Total engagement social media (shares/likes): 350 thousand	42,979	350,000
Reach of Europeana data: Traffic overall: 6 million visits	390,054	6,000,000
Engagement on Europeana products: Returning visitors >30% average on all thematic collections	23,22 (Google Analytics changed the way of showing new and returning visitors in January 2018, which lowered our previous percentage of returning visitors <sup>199</sup> )	>30%
Engagement on Europeana products Downloads: 180 thousand	25,043	180,000
Engagement on Europeana products Click-throughs: 800 thousand	66,870	800,000

<sup>199</sup> Google Analytics: Reports, Change in New vs Returning Users. View at <https://www.en.advertisercommunity.com/t5/Google-Analytics-Reports/Change-in-New-vs-Returning-Users/td-p/1611296#>

<b>Research</b>		
3 case studies of using Europeana resources in research infrastructures	0	3
3 case studies about grant fund winners published	0	3
Business Plan developed and published	In progress	Published
Set baseline Net Promoter Score for researchers	-	NPS
<b>Education</b>		
> 40 learning resources using Europeana data (e.g. MOOCs and learning scenarios)	In progress	> 40
> Five integrations of Europeana data in dynamic learning environments (e.g. apps, publishing platforms)	0	> 5
Net Promoter Score for teachers using Europeana > 20	62 (eTwinning webinar survey)	>20
<b>Creative Industries</b>		
20 cases of new works, products or services created using Europeana content	1	20
At least two new projects with high social and economic impact potential	0	2
<b>Europeana Network</b>		
Net Promoter Score for Network Association members >30	Not measured	>30
> 2,000 members	2,117	> 2,000
Five active Task Forces	4	5
Community-based organisation implemented	In progress	Implemented
<b>Policy and Frameworks</b>		
>25% of active Europeana aggregators have integrated rightsstatements.org in their infrastructure	0% (work has not started yet)	>25%
Economic impact case study published	-	Published
Playbook part 2 published	-	Published
<b>Research and Development</b>		
Contribution to 10 reference papers or presentations	2	10
Roadmap for improving visibility and indexing by search engines ready and approved	Just started	Ready
Net Promoter Score > 30 for EuropeanaTech	Not measured	> 30

## 4. Deviations and adjustments

There are no major deviations from the work plan in this period.

## 5. Major changes in staff if applicable

As from 1st February DEN has a new general manager: Maaïke Verberk (maaïke.verberk@den.nl), replacing Marco de Niet.

## 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"><li>- training on the Europeana Publishing Framework</li><li>- showcasing the value of high-quality data for reuse, social media etc.</li><li>- continuous update of statistics of data with regards to EPF-tiers</li><li>- withholding of payment until task is completed if considered technically, organisationally and financially feasible.</li></ul>
R2	Legal issues with the transfer of assets to a possible successor supplier	medium	high	<ul style="list-style-type: none"><li>- early start of the handover-task</li><li>- early information and advice on possible legal issues</li></ul>
R3	Technical issues with a transfer of the IT-platform	low	high	<ul style="list-style-type: none"><li>- test of the process in M6</li><li>- develop complete and full documentation</li></ul>
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"><li>- create a consortium agreement with a clause on liability</li></ul>

R5	Partners or subcontractors are not aware of all pre-existing rights; IP and copyright status of existing material used under this tender is not completely clear	high	medium	- every participant and subcontractor will be asked to create a list of pre-existing rights, which will be delivered to the Commission
R6	The IT-platform will not be as robust as expected	medium	high	- 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	- 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	- 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	- 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 31 January 2018)

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 January figures reflect the time frame 1 September 2017 until 31 January 2018.

Category of activity	Foreseen Percentage of the full contract value in the tender	September 2017	November 2017	January 2018
1. Platform maintenance and development	38%	40.6%	40.7%	40.1%
2. Fostering content supply	18%	19.6%	18.7%	18.0%
3. Fostering content reuse	19%	17.3%	16.8%	16.4%
4. Communication and dissemination	14%	8.6%	9.2%	11.6%
5. Studying the impact of digital cultural heritage	2%	1.8%	2.8%	2.8%
6. Governance	1%	2.6%	2.1%	1.8%
7. Handover	3%	0.5%	0.5%	0.7%
8. Project management	5%	9.0%	9.2%	8.6%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

## 9. Progress on deliverables

Deliverables	Type	Due end of month	Status
A.1 Europeana infrastructure version 1.0	Report	M6	M6 Delivered to EC
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, M6 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	M4 Delivered to EC, M8 in preparation
C.3 Data access pattern reports	Report	M4, M8, M12	M4 Delivered to EC, M8 in preparation
C.4 Stress and disaster recovery test reports	Report	M9	
C.5 Reports on suggestions for improvements received	Report	M5, M10	M5 Delivered to EC
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	M6 Delivered to EC
E.3 Employed staff report	Report	M1, M6, M9, M12	M1, M6 Delivered to EC

# Annex I: Helpdesk services and expertise

The annex states activities from 1 September 2017 until 28 February 2018.

CHI that received support	Kind of support received (one-on-one, workshop, specific training,...)
<b>2Culture</b>	
CARARE membership	2Culture and AthenaRC: domain helpdesk services provided for MINT, MORE and pro.carare.eu.
Basel Landschaft museums consortium	One-to-one: Provision of data update to Europeana
KNAW Dans	One-to-one: Advice concerning rights licencing
Hispana + FEDAC (Calibo de Gran Canaria)	One-to-one: Advice concerning data update
CIMEC	One-to-one: Advice concerning data update + metadata enrichment with AAT top subject concepts
Byzart project and the University of Bologna	One-to-one: liaison concerning metadata provision
University of Jaen	One-to-one: advice concerning data update and metadata enrichment
University of Vilnius Faculty of Communication	One-to-one: advice concerning metadata enrichment with AAT top subject concepts
Skagafjörður Heritage Museum	One-to-one: liaison
Kulturarvstyrelson	One-to-one: advice concerning Europeana publishing framework + data update
RCE	One-to-one: advice concerning data update and metadata enrichment with AAT top subject concepts
INCEPTION project + Nemoris S.r.l.	One-to-one: liaison concerning the use of the CARARE metadata schema
Archaeology Data Service	One-to-one: advice concerning the use of the new Rights Statement.org licence for education + provision of metadata update to Europeana
Visual Dimension bvma	One-to-one: liaison concerning the publication of a new 3D collection



Ministry of Brussels Capital Region	One-to-one: liaison concerning publication of an update to their collection
Cyprus University of Technology	One-to-one: liaison concerning provision of data to Europeana
National Archaeological Institute with Museum at the Bulgarian Academy of Sciences	One-to-one: liaison concerning publication of an update to their collection
St Paul's, London	One-to-one: advice concerning the provision of data to Europeana
Swedish National Heritage Board	Support on preparation of high quality datasets, advice concerning metadata enrichment with AAT top subject concepts + publication of an update to their collection.
Deutsches Archäologische Institut	Support on preparation of high quality datasets, one-on-one support on EDM mapping for ARACHNE data and metadata enrichment with AAT top subject concepts
Netherlands Architecture Institute/Het Nieuwe Instituut	Liaison with Rijksdienst voor het Cultureel Erfgoed, Netherlands and advice on aggregation channels
Heritage Malta	Support on preparation of high quality datasets, one-on-one support on EDM mapping
Rijke Industrial Heritage	Advice on aggregation channels
Visual Dimension	One-on-one advice on metadata
University of York, Archaeology Data Service	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	One-on-one advice on republishing a collection to address a rights issue.
Ministry of the Brussels Capital Region	Liaison concerning an update of their collection
Archive de la Gironde	Support on preparation of high quality datasets
Royal Society of Antiquaries of Ireland	Support on preparation of high quality datasets
<b>AIT Graz</b>	
Naturalis Biodiversity Center	One-on-one advice and individual Support (New Data Provision, support for source metadata provision)

Royal Botanical Garden Kew	Individual Support (Change of Data input, support for source metadata provision)
MNHN	Individual Support (Change of Data input, support for source metadata provision)
NKM Potsdam, Leipzig, Grant Museum	One-on-one contact
DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH	One-on-one advice on image access
NHMV - Natural History Museum Vienna	Support on preparation of high quality datasets, One-on-one advice on image quality
FOTO_AM - Department of Life Sciences, University of Trieste	One-on-one advice on data access
GBIF France	One-on-one taking up communication for joining Europeana
ZFMK	One-on-one contact concerning quality improvement
Jena/Halle herbarium	One-on-one taking up communication for joining Europeana
Herbarium Gatersleben	Support on preparation of high quality datasets, One-on-one communication on finalizing the connection, Support for source metadata provision
Natural history museum Luxembourg	Support on preparation of high quality datasets
Herbarium Hamburgense	Support on preparation of high quality datasets
<b>APEF</b>	
Archives de l'Université de Louvain	Discussed possibilities for contributing content via APE to Europeana, using the still to be implemented Omeka + IIIF protocol (deadline: summer of 2018); to be continued
Croatian State Archives	Help in producing Europeana content for the #AllezDemocracy campaign
Estonian State Archives	Help in producing Europeana content for the #AllezDemocracy campaign
International Institute for Social History / Amsterdam	Help in producing Europeana content for the #AllezDemocracy campaign
Romanian National Historical Archives	Help in producing Europeana content for the #AllezDemocracy campaign

Slovakian State Archives	Help in producing Europeana content for the #AllezDemocracy campaign
Archives Hub/UK	Support on preparation of high quality datasets
National Archives of Portugal and Sweden	Support on preparation of high quality datasets
<b>AthenaRC</b>	
Basel Landschaft museums consortium	One-to-one: Provision of data update to Europeana
Archaeology Data Service	One-to-one: Provision of data update to Europeana
<b>BL</b>	
Kist o Riches / Tobar An Duchuis	One-on-one email contact outlining potential improvements that could be made to datasets, including link to instructions on Basecamp. Outcome: agreement that revision over next six months is achievable
FMS (Friends of Music Society)	One-on-one email contact outlining potential improvements that could be made to datasets, including link to instructions on Basecamp. Outcome: agreement that revision over next six months is achievable
ITMA	One-on-one email contact outlining potential improvements that could be made to datasets, including link to instructions on Basecamp. Outcome: pending
CNRS (CREM, MMSH, CRESSON, LARHRA)	One-on-one email contact outlining potential improvements that could be made to datasets, including link to instructions on Basecamp. Outcome: under consideration
ICCU (Internet Culturale)	One-on-one email contact outlining potential improvements that could be made to datasets, including link to instructions on Basecamp. Outcome: confirmation that xml:lang has been done in as much detail as possible; willing to make other revisions to datasets over next six months if necessary
OEM (Austrian Mediatheque)	One-on-one email contact outlining potential improvements that could be made to datasets, including link to instructions on Basecamp. Outcome: agreement that revision over next six months is achievable
ONB (Austrian National Library)	One-on-one email contact outlining potential improvements that could be made to datasets, including link to instructions on Basecamp. Outcome: pending
National Technical Library, Czech Republic (considering setting up a sounds repository in Czech)	One-to-one demonstration of MINT showing how raw metadata can be transformed into EDM format

Republic with other institutions)	
Biblioteca Catalunya	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	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	A training workshop on MINT was delivered at the IASA conference in Berlin in September (provided by BL/eSounds partner DIZI)
<b>DIF</b>	
Svenska Filminstitutet (SFI)	Provider contact, 100 new video items to be delivered
Cineteca di Bologna (CCB)	Provider contact regarding update of provider set and bug fixes
Filmoteka Narodowa (FN)	Provider contact about NonAV multilingual description & AV English titles, descriptions
Nasjonalbiblioteket (NNB)	Provider contact about new items, metadata quality
Cinémathèque Royale de Belgique (CRB)	Provider contact regarding update of provider set and bug fixes
Tainiothiki tis Ellados	Feedback on preparation of XML exports and plannings for legacy data improvement (ongoing process)
Museo Nazionale del Cinema	Feedback on metadata quality and support on application of rights statements
Filmoteca de Catalunya	Feedback on metadata quality for new contribution
Austrian Film Museum	Feedback on metadata quality and XML structure issues for new contribution
<b>EFashion</b>	
ModeMuseum Hasselt (Belgium)	One-on-one support for the mapping improvement of the ingested datasets in the eFashion aggregator.
NISV (Netherlands)	One-on-one contact for the fixing of broken links of a video dataset
Israel Museum (Israel)	One-on-one support for improving of metadata mapping of their ingested datasets
Muzealne Mody (Poland)	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)	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
<b>MCA</b>	
Ukrainian National Contact Point (Olga Barkova at BALI)	One-on-one support to try to fix old datasets (Maksymovych Scientific Library of the Taras Shevchenko Kyiv National University, Research Library, National Pedagogical University after M.P. Dragomanov, The State Scientific and Pedagogical Library of Ukraine after V. Sukhomlynskyi). Preliminary information on the aggregation of new datasets with multilingual issues.
SPK (Germany)	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)	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)	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)	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)	Planning the aggregation of new collections.
<b>NISV</b>	
AQSHF (Arkivi Qendror Shteteror i Filmit)	Contact on resolving the broken links issue
CTV (Czech Television)	Contact on resolving the broken links issue
ERT (Hellenic Broadcasting Corporation)	Contact on resolving the broken links issue
FINA (Filmoteka Narodowa - Instytut Audiowizualny)	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-televizie Voivvodina)	New partner. Support on general workflow and guidelines in EUscreen, extensive advice on first mapping to EDM in MINT
RTVE (Radiotelevisión Española)	New partner. Support on general workflow and guidelines in

	EUScreen, access to MINT.
<b>Photocons</b>	
TopFoto (UK)	Under discussion the terms of support to be provided for aggregation of a new collection (metadata cleaning and mapping)
Israel Museum (Israel)	Under discussion the terms of support to be provided for aggregation of a new collection (mapping)
GENCAT (Spain)	Support in finalization of dataset update, according to the requirement/suggestions of the ingestion team
Promoter (Italy)	Support and liaison with EF and NTUA for dataset update + ingestion of a small new batch
Arbejdermuseet (Denmark)	Problem-solving support for broken links
Archivo Jalon Angel (Zaragoza)	Support on preparation of high quality datasets, One-on-one support for building the database from the scratch.
EUROPhoto/Ansa	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	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	Support on preparation of high quality datasets

## Annex II: Data quality improvements

The annex states activities from 1 September 2017 until 28 February 2018.

Objective from data quality plan	Progress as of December 2017
<b>2Culture</b>	
Objective 1: Address content with broken links	Contacting partners. Work in progress with DAI and Heritage Malta.
Objective 2: rights statements	No issues reported by Europeana. Update of Archaeology Data Service collection taking advantage of the new InC-EDU licence from Rights Statement.org
Objective 3: Add SKOS concepts for archaeology and architecture	29% of the CARARE records are populated in Europeana with high level subject concepts for archaeology and architecture (Riksantikvarieämbetet - 497,757 items, ADS 57,710 items). Work in progress with RCE, VUL, CIMEC, NAIM.
Objective 4: Improve the availability of contextual metadata	Work in progress to increase the number of records with detailed subject concepts for archaeology and architecture related to AAT.
Objective 5: Improve Multilinguality	Work in progress with partners to ensure the inclusion of language attributes (for dc: title, dc :description, dc:type and dc: subject) in their records.
<b>AIT Graz</b>	
skos:Concept and related children	Internal preparations for realisation of envisaged solution
<b>APEF</b>	
apeEAD to EDM conversion improvement	Agreed upon 'business rules' for fine-tuning the current apeEAD to EDM conversion in the APE's Dashboard during the face-to-face meeting on the 24th and 25th of January in Europeana office
Data Quality Plan	Finalised the Data Quality Plan during and after the face-to-face meeting on the 24th and 25th of January in Europeana office
<b>BL</b>	
Objective 1: remove all snippets / provide access to full media	Activity not started yet

Objective 2: 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.
Objective 3: Improvement of geo-location metadata	All of the BL's metadata records have now been revised to include geo-location metadata..  Ongoing: Identifying main datasets on MINT from other data providers which require improvement.
Objective 4: Improvement of the edm:Agent data	BL datasets have been revised to include agent class data from VIAF.org. Ongoing: Identifying main datasets on MINT which require improvement.
Objective 5: Improvement of date values	Ongoing: Identifying main datasets on MINT from other data providers which require improvement.
<b>DIF</b>	
Objective 1: Improve multilinguality	Three updated sets: added lang@ for dc:type for NonAV objects and/or provided dc:type with lang@ for AV objects
Objective 2: Improve geolocation	Five updated sets: dcterms:spatial enriched with literal instead of ISO code
Objective 3: Increase skos: concept class	Two updated data sets: NonAV objects enriched with dc:type containing values from Europeana vocabulary
Objective 4: Improve chronological information of NonAV material	Two updated data sets: enriched with dcterms:created
Objective 5: Improve dc:type for AV records	Two updated data sets: enriched with dc:type
Additional data quality improvement not listed in the DQP	Increase of dc:subject for one updated set; increase of dc:title for three sets; provision of edm:WebResource dc:format for six sets; provision of correctly implemented edm:hasView for one set with multiple instances of edm.Webresource connected to one edm:providedCHO.
<b>eFashion</b>	
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)	Missing language tags were added to all relevant fields in all sets were updated to match the ISO 639-2 format (i.e. 3 character code)



100% of the records have at least one instance of dc:type	Normalisation completed
Provide edm:isShownBy that is a video for edm:type VIDEO	Normalisation 55% done Just started work with NISV to restore broken links
99% of all records with date information element (dc:date or dcterms:created)	Status: completed: Mappings were updated, resulting in 5610 (85%) additional values for dcterms:created (the remaining records contained s value that couldn't be interpreted as a date, e.g. 'March 10')  All records with 'impossible' dates were removed, e.g.: ('2066'), ('1999/1990'), ('1075/1976')  "Accidental" improvements were made to mappings, resulting in more and more adequate dates or date ranges in the dcterms:created element.
Expand and exploit the Europeana Fashion Thesaurus	The Getty Research Institute (GRI) will incorporate Dutch, Hebrew, French, Italian translations from our vocabulary in the AAT thesaurus.  Study the possibility of publishing an online version of the fashion SKOS vocabulary.
<b>MCA</b>	
Task 2: All Museu data sets should have a 75% of their records meaningfully geolocated.	Analysis of the concerned datasets completed: geolocation is present in over 26% of the total records.
Task 3: all MUSEU datasets should have meaningful conceptual entities in at least 60% of their records.	Ongoing checks.
Task 5.1 dataset 2048087 Portable Antiquities Scheme (Collections Trust)	Further investigation on how to improve the records. Ongoing discussion with Gordon McKenna at Collections Trust. Action probably moved to DSI4.
Task 5.3.1 2048099 SAN	November 2017: contact with the data partner (ICAR, Central Institute for Archives) who does not have resources to improve image quality and is considering delivering via APEF.

Task 5.3.3 various CulturalItalia (2048011)	CulturalItalia is under total reengineering and will supply Europeana with updated datasets as soon as the new portal is live (springtime).
<b>NISV</b>	
General	Continued discussions with NTUA on possible MINT improvements in order to carry out all objectives of the EUscreen data quality plan
Objective 6: edm:object size	Thumbnails of the EUscreen core collection have been made Tier 2 compliant (not published to Europeana yet)
Objective 5: Remove broken links	Contact with all data providers with known broken links issues
<b>Photocons</b>	
Objective 1 - Re-engineering of the Photoconsortium vocabulary	On-going: mapping the existing EP vocabulary against Getty terms (where available), reorganization of thesaurus with possible addition of new terms; Telco 12/2 on the development of the "Photoconsortium metadata roadmap" in cooperation with Europeana DPS
Objective 2 - Data preparation and mapping training	Metadata training as foreseen in the DQP held in Leuven
Objective 3 - Technical metadata improvement	The work will start when objectives 1 and 2 are completed.
Objective 4 - Agents metadata improvement	The work will start when objectives 1 and 2 are completed.
Objective 5 - Contextual and informational metadata improvement	ISO-compliant date format and metadata enrichment (dcterms:medium, dcterms:extent) completed for Promoter dataset
Objective 6 - General metadata improvement	Languages attributes implemented for Promoter dataset
Objective 7 - Content improvement	isShownAt added to Promoter dataset; content analysis to identify thumbnail issues in Photoconsortium's datasets and other aggregators' datasets
Objective 8 - Licensing improvement	No status update
Objective 9 - A Photoconsortium Europeana metadata strategy document	Work in progress to have a preliminary document ready by end of DSI-3.

## Annex III: Implementation of content strategy

The annex states activities from 1 September 2017 until 28 February 2018.

Partner	Activity
<b>2Culture</b>	
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.
<b>ACE</b>	
ACE	ACE has contacted the Croatian Film Archive to become a data partner and publish in Europeana.
<b>AIT-Graz</b>	
AIT-Graz	AIT-Graz identified new partners to use the LIDO workflow of OpenUp!
<b>APEF</b>	
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 ( <a href="http://www.archivesportaleuropefoundation.eu/images/docs/New_ArchivesPortalEurope_Europeana_Content_Policy_20170426.pdf">http://www.archivesportaleuropefoundation.eu/images/docs/New_ArchivesPortalEurope_Europeana_Content_Policy_20170426.pdf</a> ) 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.
<b>DIF</b>	
DIF	Negotiations with Swedish Film Institute about contribution of AV collection (adding to their nonAV collection provided earlier)
<b>eFashion</b>	

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.
<b>MCA</b>	
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.
<b>NISV</b>	
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.
<b>Photocons</b>	
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 1 September 2017 until 28 February 2018.

Partner	Name of event	Activity	Location	Date	Website/ Resource
F&F	Special Europeana Crowdsourcing Workshop of Japan Digital Archive Society	Presentation of Europeana 1914-1918 and Transcribathon.eu	Tokyo University, Japan	23/02/2018	<a href="http://digitalarc.hivejapan.org/bukai/gijutsu">http://digitalarc.hivejapan.org/bukai/gijutsu</a>
EF	Structural and Financial Barriers in the Access to Culture	Participated as Expert in the public hearing	Brussels, Belgium	21/2/2018	
EFG	DIF reception at the Berlinale	Presentation of EFG (website, trailer)	Berlin, Germany	20/02/2018	
EF	Consultation on European Agenda for Culture	Stakeholder consultation meeting	Brussels, Belgium	19/2/2018	<a href="https://ec.europa.eu/culture/policy/strategic-framework_en">https://ec.europa.eu/culture/policy/strategic-framework_en</a>
F&F	Colloquium of Georg Eckert Institute, Leibniz-Institute for International Textbook Research	Presentation of Europeana 1914-1918 and Transcribathon.eu	Braunschweig, Germany	14/02/2018	<a href="http://www.gei.de/fileadmin/gei.de/pdf/press/Drauschke_GEI_Kolloquium_2018.pdf">http://www.gei.de/fileadmin/gei.de/pdf/press/Drauschke_GEI_Kolloquium_2018.pdf</a>
INESC-ID, CLARIN	EUDAT conference	Poster presentation: "Bringing Europeana and CLARIN together: Dissemination and exploitation of cultural heritage data in a research infrastructure"	Porto, Portugal	22-25/01/2018	<a href="https://eudat.eu/eudat-conference-posters-0#6">https://eudat.eu/eudat-conference-posters-0#6</a>
INESC-ID	EUDAT conference	Poster presentation: "The	Porto, Portugal	22-25/01/2018	<a href="https://eudat.eu/eudat-confer">https://eudat.eu/eudat-confer</a>

		Europeana Data Pilot: outcomes and conclusions"			<a href="#">ence-posters-0#5</a>
INESC-ID	Semantic services in EOSC workshop - EUDAT conference	Presenting Europeana requirements for semantic services in the context of (research) data infrastructures	Porto, Portugal	22-25/01/2018	<a href="https://eudat.eu/semantic-services-in-eosc">https://eudat.eu/semantic-services-in-eosc</a>
F&F	Transcribathon Kieler Gelehrtenschule	Presentation of Europeana 1914-1918 and Transcribathon.eu	Kiel, Germany	19/01/2018	<a href="https://transcribathon.com/en/runs/kiel/">https://transcribathon.com/en/runs/kiel/</a>
EUN	Europeana Education: bringing Europe's cultural and scientific heritage to teachers, students and lifelong learners	News article on the School Education Gateway	Online	10/01/2018	<a href="https://www.schooleducationgateway.eu/en/pub/latest/news/europeana-education.htm#.Wm406p3-sjU.linkedin">https://www.schooleducationgateway.eu/en/pub/latest/news/europeana-education.htm#.Wm406p3-sjU.linkedin</a>
INESC-ID, EF	Published article in: Information Services & Use Journal	Article: "Web technologies: a survey of their applicability to metadata aggregation in cultural heritage"	Online	08/01/2018	<a href="https://content.iospress.com/articles/information-services-and-use/isu859">https://content.iospress.com/articles/information-services-and-use/isu859</a>
EF	PeriodO workshop	Representing Europeana, discussing interoperability of time periods	Chapel Hill, USA	18-19/12/2017	<a href="http://perio.do/">http://perio.do/</a>
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	<a href="http://dcicblog.umd.edu/cas/ieee-big-data-2017-cas-workshop/">http://dcicblog.umd.edu/cas/ieee-big-data-2017-cas-workshop/</a>

EF	Les lundis numériques de l'INHA en 2017-2018	Presenting Europeana	Paris, France	11/12/2017	<a href="https://www.inha.fr/fr/agenda/parcourir-par-annee/en-2017/decembre-2017/des-nouvelles-d-europeana.html">https://www.inha.fr/fr/agenda/parcourir-par-annee/en-2017/decembre-2017/des-nouvelles-d-europeana.html</a>
EF	European Culture Forum	Representing Europeana	Milan, Italy	07-08/12/2017	<a href="https://ec.europa.eu/programmes/creative-europe/events/20171207-european-culture-forum-2017_en">https://ec.europa.eu/programmes/creative-europe/events/20171207-european-culture-forum-2017_en</a>
EF	Linked Pasts III: New Voices, Old Places	Contribution on coordinating the Linked Pasts community	Stanford, USA	04-06/12/2017	<a href="https://www.eventbrite.com/e/linked-pasts-iii-new-voices-old-places-registration-35950529000">https://www.eventbrite.com/e/linked-pasts-iii-new-voices-old-places-registration-35950529000</a>
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	<a href="http://swib.org/swib17/">http://swib.org/swib17/</a>
FINA (Generic Services project partner), EF	Game Jam with History	Presenting & Representing Europeana	Warsaw, Poland	01-03/12/2017	<a href="http://tueuropeana.pl/">http://tueuropeana.pl/</a>
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	<a href="http://www.digitalmeetsculture.net/article/reach-kick-off/">http://www.digitalmeetsculture.net/article/reach-kick-off/</a>
CLARIN, INESC-ID	Digital Infrastructures for Research 2017	Presentation: "Bringing Europeana and CLARIN together:	Brussels, Belgium	30/11 - 01/12 2017	<a href="https://indico.eui.eu/indico/event/3455/session">https://indico.eui.eu/indico/event/3455/session</a>

		Dissemination and exploitation of cultural heritage data in a research infrastructure "			<a href="#">on/1/contribution/14</a>
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	<a href="https://www.c2dh.uni.lu/events/personal-sources-wwi-and-citizen-science-opportunities-research-and-education-project">https://www.c2dh.uni.lu/events/personal-sources-wwi-and-citizen-science-opportunities-research-and-education-project</a>
EF	Sharing is Caring	Presenting Impact	Aarhus, Denmark	19-21/11/2017	<a href="http://sharecare.nu/aarhus-2017/">http://sharecare.nu/aarhus-2017/</a>
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	<a href="http://www.photoconsortium.net/iceri-conference-for-educational-innovations/">http://www.photoconsortium.net/iceri-conference-for-educational-innovations/</a>
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	<a href="http://connected-data.london/programme-2017/">http://connected-data.london/programme-2017/</a>



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	<a href="http://www.photoconsortium.net/photoconsortium-at-eva-minerva-2017/">http://www.photoconsortium.net/photoconsortium-at-eva-minerva-2017/</a>
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	<a href="http://dh.org.ee/category/events/dhe2017/">http://dh.org.ee/category/events/dhe2017/</a>
EF	WikidataCon	Coordinating session "How can GLAMs grab the low hanging fruit?"	Berlin, Germany	28-29/10/2017	<a href="https://www.wikidata.org/wiki/Wikidata:WikidataCon_2017">https://www.wikidata.org/wiki/Wikidata:WikidataCon_2017</a>
EUROCLIO	eTwinning Conference	Presentation of Europeana and activities	Malta	26-27/10/2017	<a href="http://www.anefore.lu/events/conference-etwinning-a-malte/">http://www.anefore.lu/events/conference-etwinning-a-malte/</a>
EF	UNESCO-NDL International Workshop on Knowledge Engineering for Digital Library Design!	Presenting and Representing Europeana	New Delhi, India	24-28/10/2017	<a href="http://www.conf.ndl.iitkgp.ac.in/#">http://www.conf.ndl.iitkgp.ac.in/#</a>
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	<a href="http://impresso-project.ch/">http://impresso-project.ch/</a>
EF	Smithsonian Impact Conference	Launching European Impact Playbook	Washington DC, USA	17-21/10/2017	<a href="https://dpo.si.edu/2017-smithsonian-digitization-fair-welcome-0">https://dpo.si.edu/2017-smithsonian-digitization-fair-welcome-0</a>

eFashion	Brandy17	Presentation of the Europeana Fashion collection at an international conference	Milan, Italy	17-18/10/2017	<a href="http://www.brandyspace.com/">http://www.brandyspace.com/</a>
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	<a href="https://theartsplus.com/">https://theartsplus.com/</a>
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	<a href="https://www.pinaothek.de/musmuc17">https://www.pinaothek.de/musmuc17</a>
EF	DIDACTA 2017	Presentation in the workshop "Digital content for education & OER"	Florence, Italy	27-29/09/2017	<a href="http://fieradidacta.indire.it/en/">http://fieradidacta.indire.it/en/</a>
EF	API World conference	Received API Award: Data API for the Europeana REST API and opportunity to connect to various (mainly commercial) developers.	San Jose, USA	23-28/09/2017	<a href="http://apiworld.co/">http://apiworld.co/</a>
EF, CLARIN	CLARIN Annual Conference 2017	Representing Europeana Research and its activities	Budapest, Hungary	18-20/09/2017	<a href="https://www.clarin.eu/content/programme-clarin-annual-conference-2017">https://www.clarin.eu/content/programme-clarin-annual-conference-2017</a>
EF, INESC-ID	TPDL 2017	Presentation of paper "Metadata aggregation: assessing the application of IIIF and Sitemaps	Thessaloniki, Greece	19/09/2017	<a href="http://www.tpdil.eu/tpdl2017/">http://www.tpdil.eu/tpdl2017/</a>

		within cultural heritage"			
EF, USFD	TPDL 2017	Presentation of paper "What Information Users Search for Using Europeana and Why"	Thessaloniki, Greece	19/09/2017	<a href="http://www.tpd.l.eu/tpdl2017/">http://www.tpd.l.eu/tpdl2017/</a>
EF, INESC-ID	TPDL 2017	Presentation of paper "Data Quality Assessment in Europeana: Metrics for Multilinguality"	Thessaloniki, Greece	19/09/2017	<a href="http://www.tpd.l.eu/tpdl2017/">http://www.tpd.l.eu/tpdl2017/</a>
EF	Forum Europe Ruhr / Culture 360	Panel participation "International funding environments - programmes for prosperity"	Essen, Germany	06-07/09/2017	<a href="http://www.e-c-e.de/en/forum-europe-ruhr.html">http://www.e-c-e.de/en/forum-europe-ruhr.html</a>

## 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 was reviewed in February 2018 by all partners.

### 1. Europeana Foundation (EF)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
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

### 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

## 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	Copyright	APEF

profiles, reports, creation/edition, etc.), XSLT-s, schema files, etc.		
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 domainname, 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 domainname, 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 domainname, hosting, CMS, design, texts (except for Articles section), shared documents (deliverables, minutes, presentations, other documents from project meetings and working groups, etc.)		
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

#### 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

### 8. The British Library Board (BL)

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.

<b>Pre-existing material</b>	<b>Rights to pre-existing material</b>	<b>Identification of rights holder</b>
Any document or digital object, created by The British Library, before 31 August 2017, whether published or not;	Copyright	The British Library
Any document or digital object, created by Europeana Sounds before 31 August 2017, whether published or not;	Copyright	Europeana Sounds Partners

### 9. CLARIN ERIC (CLARIN)

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

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	CLARIN ERIC
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#### 10. Deutsche Nationalbibliothek (DNB)

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

#### 11. Stichting Digitaal Erfgoed Nederland (DEN)

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

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

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Any document or digital object created by DIF before 31 August 2017, whether published or not	Copyright	DIF
The europeanfilmgateway.eu domain name	Registered Trademark(s)	DIF

#### 13. Europeana Fashion International Association (EFASHION)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Any document or digital object created by Europeana Fashion International Association before 31 August 2017, whether published or not	Copyright	eFashion

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
FCL Learning Scenario template and toolkit	Copyright	EUN Partnership aisbl

#### 15. Euroclio European Association of History Educators (EUROCLIO)

Pre-existing material	Rights to pre-existing material	Identification of rights holder
Any document or digital object, created by EUROCLIO or granted to EUROCLIO by third parties, before 31 August 2017, whether published or not;	Copyright	EUROCLIO
The source code of the Historiana website.	Open Licenses	EUROCLIO and Webtic
The domain names <a href="http://www.euroclio.eu">www.euroclio.eu</a> <a href="http://www.historiana.eu">www.historiana.eu</a> <a href="http://www.historiana.org">www.historiana.org</a>		EUROCLIO

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

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