



**Deployment and Maintenance of
Europeana DSI core services -
SMART 2017/1136**

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TABLE OF CONTENTS

Abbreviations	5
Introduction	6
Highlights	7
Work package 1: Operating, maintaining and developing Europeana DSI as the pan-European online cultural platform	8
Work package 2: Quality assured content supply	11
Work Package 3: Fostering reuse of digital cultural heritage resources	17
Work Package 4: Communication and Dissemination	26
Work Package 5: Animate and further enlarge the Europeana Network Association	31
Work Package 6: Studying the impact of digitisation and reuse of cultural heritage	35
Work Package 7: Governance	36
Work Package 8: Phasing-in and phasing-out periods	36
Work Package 9: Project and Programme Management	36

Abbreviations

Consortium participants

EF	Europeana Foundation (Coordinator), The Netherlands
AIT-Graz	AIT Angewandte Informationstechnik Forschungsgesellschaft mbH, Austria
AIT-Vienna	AIT Austrian Institute of Technology GmbH, Austria
APEF	Archives Portal Europe Foundation, The Netherlands
AthenaRC	Athena Research and Innovation Center in Information Communication and Knowledge Technologies, Greece
BL	The British Library Board, United Kingdom
CARARE	Connecting Archaeology and Architecture in Europe, Ireland
CLARIN CLARIN ERIC	The Netherlands
DEN	Stichting Digitaal Erfgoed Nederland, The Netherlands
DIF	Deutsches Filminstitut - DIF e.V., Germany
DNB	Deutsche Nationalbibliothek, Germany
eFashion	European Fashion Heritage Association, Italy
EUN	EUN Partnership AISBL, Belgium
Euroclio	Euroclio European Association of History Educators, The Netherlands
F&F	Facts & Files Historisches Forschungsinstitut Berlin Drauschke Schreiber Partnerschaftsgesellschaft Archiv-, Geschichts- und Literaturwissenschaftler, Germany
INESC-ID	INESC-ID, Instituto de Engenharia de Sistemas e Computadores - Investigação e Desenvolvimento em Lisboa, Portugal
KL	Stichting Nederland Kennisland, The Netherlands
Lovegrove	James Lovegrove SPRL, Belgium
MCA	Michael Culture AISBL, Belgium
NISV	Stichting Nederlands Instituut voor Beeld en Geluid, The Netherlands
NTUA	National Technical University of Athens, Greece
Photocons	International Consortium for Photographic Heritage Photoconsortium, Italy
PSNC	Instytut Chemii Bioorganicznej Polskiej Akademii Nauk - Poznańskie Centrum Superkomputerowo-Sieciowe, Poland
SPK	Stiftung Preussischer Kulturbesitz, Germany

Other

CHIs	Cultural Heritage Institutions
CH	Cultural Heritage
DC	Dublin Core
DPS	Data Partner Services
EDM	Europeana Data Model
ELF	Europeana Licensing Framework
ENA	Europeana Network Association
EPF	Europeana Publishing Framework
IIIF	International Image Interoperability Framework
R&D	Research & Development

Introduction

The periodic report describes the work carried out under Europeana DSI-4 from 1 March 2019 until 31 March 2019, according to the implementation plan (B.1 deliverable, M6). The work is organised in nine work packages (WP):

- WP 1: Operating, maintaining and developing Europeana DSI as the pan-European online cultural platform
- WP 2: Quality assured content supply
- WP 3: Fostering reuse of digital cultural heritage resources
- WP 4: Communication and Dissemination
- WP 5: Animate and further enlarge the Europeana Network Association
- WP 6: Studying the impact of digitisation and reuse of cultural heritage
- WP 7: Governance
- WP 8: Phasing-in and phasing-out periods
- WP 9: Project and Programme Management

Highlights

Metis 1.2 and eCloud V1.3 was released on 27 March. It includes the redesigned version of the Link Checking service on the data ingestion side, as part of other efforts towards resolving broken links. To evaluate the use of eTranslation for multilingual support a report was delivered about the experiment on applying eTranslation to translate selected exhibitions from the Rise of Literacy and Migration in the Arts and Sciences projects. To make Europeana Collections more discoverable by Google we worked on updating our existing Schema.org mapping, including full support for organisation entities.

In March 2019 we published almost 1 million records in Europeana Collections. The majority of the data was contributions for the Generic Services projects Rise of Literacy and Migration in the Arts and Sciences. Work on the metadata component of the Europeana Publishing Framework continued and we concluded the refined definition of the metadata tiers. On 15 March 2019, EUscreen partners met at the Annual EUscreen Network Meeting in Luxembourg where the value of being part of the Europeana Initiative was part of several of the presentations given. A few (new) EUscreen partners expressed interest in aggregation for Europeana (Kosovo, Luxembourg, UK), and some to update their data already on Europeana. EF created a persona for aggregators to understand their needs, motivations and behaviors for delivering data to Europeana.

Over the course of March 2019, 131 User Group teachers from 15 countries were accepted to work with the 13 Europeana Teachers Ambassadors on the publication of Europeana learning scenarios and stories of implementation. The 'Europeana in your classroom: building 21st-century competencies with digital cultural heritage (Rerun)¹ run in January/February 2019. In March, EUN carried out an evaluation including these results: all 98% rated the overall value of the course as "Good" or "Very good"; all 95% would recommend the course to a colleague or a friend; all 93% agreed that they now know how copyright works and how to use digital cultural heritage. The MOOC was translated to Portuguese and Spanish. The translated courses started on the 18 March and will run until the beginning of May. On 25 March we launched the Europeana STEM Challenge² which offers 20.000 EUR for the best educational videos using Europeana openly licensed content to teach STEM (science/technology/engineering/math) topics.

In March we ran the Women's Season and featured on our social media a snippet of a story concerning women everyday. We told these stories using cultural heritage content from 80 institutions from over 20 countries around the world. With over 27,000 visits to our Women's History Month blogs, the traffic on the Europeana Collections blog was 138%

¹

<https://www.europeanschoolnetacademy.eu/web/europeana-in-your-classroom-building-21st-century-competences-with-digital-cultural-heritage-rerun->

² <https://pro.europeana.eu/post/europeana-stem-challenge>

higher in March than in February. On International Women's Day (March 8) we published the final chapter (the story of Dora Gabe³) of Pioneers: Trailblazing women in the arts, sciences and society⁴. On Europeana Pro we published a series of professionally focused interviews and profiles around 'Women in culture and technology' - designed to complement the Women's History month series. Our Women's Season also received significant press coverage with 19 news publications from 10 different countries.

The first 2019 meeting of the Members Council took place on 5-6 March 2019 in The Hague with 30 attending Councillors. The meeting welcomed many new Councillors (16 present).

³ <https://www.europeana.eu/portal/en/exhibitions/pioneers/dora-gabe>

⁴ <https://www.europeana.eu/portal/en/exhibitions/pioneers>

Work package 1: Operating, maintaining and developing Europeana DSI as the pan-European online cultural platform

WP1 maintains and continuously improves Europeana DSI's main services and functionality. WP1 is focused on an easy and rewarding data publishing process, a satisfying collections experience for our users, and a sustainable and high performing platform infrastructure.

Task 1.1. Easy and rewarding data publishing

Partners: EF, PSNC, and INESC-ID

Europeana DSI-4 offers a fully functional data and aggregation infrastructure through Metis, which allows EF to import, transform, validate and enrich metadata for aggregators.

Data publishing with Metis is extended [Metis V1.2 and eCloud V1.3]

Metis 1.2 and eCloud V1.3 was released on 27 March. It includes the redesigned version of the Link Checking service. This service allows the checking of links in the EDM data during the aggregation process (when the data is imported the first time but also after it has been published). This service is activated manually by an Data officer in Metis.

The service was redeveloped following the same architecture design than the new media service. Some additional features are added such as the possibility to run the service on a full dataset or only a sample of records. Support for more color spaces e.g. CMYK was added in the media service.

Data publishing speed and reliability is enhanced [Metis V2.0]

Progress are made in the consolidation of the infrastructure behind Metis (including the Europeana Cloud (eCloud) component):

- Back-ups procedure for main databases were defined and are now implemented in production.
- A second IIIF image server is being set-up to ensure the high availability of the Newspapers images upon the official launch of the new thematic collection.
- Activities on the scalability of the Metis architecture are needed earlier than expected. We will focus on consolidation activities (planned anyway for 2019) including the amendments of the structure and upgrade of the Cassandra database (which is at the core of Metis) and a better management of data volume of data (routines to clean the system from unnecessary data).

The current features of the Metis user interface continue to be improved: improvements of the error messaging or report mechanisms within the system, usability features such as the choice of a white or black background for data samples viewing.

In the context of prototyping new ingestion components for Metis, we further polished the mappings previously done for the experiments with the Rise of Literacy project data. We also resumed experiments identifying relevant IIF datasets in Wikidata, which could complement the IIF collections Europeana already gathered. We have worked on defining an experiment for metadata aggregation together with partners of the Common Culture project, adapting our earlier ideas on using Linked Open Data to their case.

Task 1.2. Collections experience

Partners: EF

This year we aim to see Europeana Collections reach 500,000 visits a month with a 30% user return rate. To achieve this we are focusing on making the site more interesting to browse, more accessible through language, faster and more accurate to search, and more discoverable by Google.

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 1.1	Number of visits to Europeana Collections per month	476,048 (per month)	500,000
KPI 1.2	Returning visitors on Europeana Collections	13,20% (per month)	30%
KPI 1.3	Total number of downloads on Europeana Collections	173,827 (since Sep 18)	180,000
KPI 1.4	Total number of click-throughs	160,446 (since Sep 18)	800,000

Transform browse experience across collections

The browsing experience is based on entities. References to contextual entities may be shared across several items and therefore offer a way to navigate between them. Besides this, contextual entities also offer a way to group items together (entity pages).

A model for representing groups of entities was created and is now being developed within the Entity API. A preliminary assessment of the use of entities for the browse experience was made indicating that the existing entities would be enough for the MVP and therefore the update for the Entity Collection has been postponed to the next quarter.

Establish the newspaper's full text search experience

The newspaper full-text service was enhanced by presenting the user on the Collections search page with a text snippet with the highlighted search terms, and improved search and sorting on dates. The download of newspaper pages is also now possible.

Transform multilingual collections experience

To evaluate the use of eTranslation⁵ for multilingual support a report was delivered about the experiment on applying eTranslation to translate selected exhibitions from the Rise of Literacy and Migration in the Arts and Sciences projects.

To support multilingual browsing normalisation of dc:language (language of the content provided to Europeana) was added as part of the Metis normalisation processing step. Work is now ongoing to perform the normalisation of xml:lang attributes in the metadata (language of the metadata itself).

Search improvements make Europeana Collections more useful

To evaluate the performance of search activity we documented and streamlined evaluation procedures in order to make them reproducible by others.

EF also addressed a couple of issues with Newspapers search (phrase queries, hit highlighting) and laid plans for search improvements, new features and testing requirements for the rest of 2019. We began work on these plans, mostly to include organisations in the Entity API, upgrading to Solr 7.7 in both the Search and Entity APIs, optimise and test (re-) indexing in Solr.

Europeana Collections are more discoverable by Google

EF worked on updating our existing Schema.org⁶ mapping, including full support for organisation entities. A sitemap for entity pages is now available together with Schema.org output for entities on the Entity API and is only waiting for it to be linked from Collections Entity Pages. In the next quarter, the Schema.org output for Item Pages will be improved and published.

Task 1.3. Infrastructure

Partners: EF and PSNC

Infrastructure is sustainable and high performing

Auditing of the infrastructure is still ongoing. The old infrastructure replaced by Metis was completely decommissioned. One part of the infrastructure hosted at PSNC, that was

⁵ <https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eTranslation>

⁶ 'Schema.org: Webmasters use this shared vocabulary to structure metadata on their websites and to help search engines understand the published content, a technique known as search engine optimization.' Source: <https://en.wikipedia.org/wiki/Schema.org>

supposed to host the new Metis production, was shut down since the Metis production servers were relocated to Hetzner.

EF made progress on deploying an authentication and authorisation service for client applications and users that meets Europeana's requirements and is now being integrated with the Europeana APIs. This service is being built primarily looking at the Generic Services projects, such as EnrichEuropeana, EuropeanaMedia, but also other internal products such as Metis.

Work package 2: Quality assured content supply

WP2 is about making sure that the collections flowing through the DSI are of the best quality possible. This year our strategy revolves around providing better information to aggregators and CHIs, driving data quality plans, taking direct action on broken links and low quality content (tier 0), and establishing the foundations for third party enrichments and corrections.

Task 2.1. Aggregators and providers are motivated to raise the quality of collections

Partners: EF, APEF, BL, CARARE, AthenaRC, MCA, eFashion, DIF, NISV, AIT-Graz, PhotoCons, and NTUA

Communicate the value of being part of Europeana Initiative

EF and aggregating partners supported and assisted content providers and aggregators to ingest content to the Europeana DSI Platform via outreach events and workshops (directly and via aggregators), and by one-to-one support.

During Europeana DSI-4 the aggregating partners worked to date with a total of 114 different institutions from more than 24 countries eventually affecting more than 9.7 million records in Europeana Collections. Support activities include assistance in preparing data, working on IPR related questions, advise on metadata mapping (incl XSLT transformations), advise on use of vocabularies, processing/ingesting of data, etc⁷.

BL sent out a survey requesting information from institutions interested in sharing their content with Europeana and also offering training in MINT so that institutions can publish their collections. As a result of this, four institutions with highly relevant audio content have expressed an interest in becoming data providers. Work is in progress to prepare their tier 2+ collections for publication in Europeana.

7

<https://docs.google.com/spreadsheets/d/1WAEW1RJCdmdfdgiR5D9QLIXIbWfFQ5ooQpdx0mi-hDyQ/edit?ts=5cb70250#gid=1158063986>

CARARE continues to send out a monthly briefing to members and associates on digital archaeology and architecture and developments in Europeana. A new task force on 3D content in Europeana began work in February. The involvement of CARARE members in both the Europeana Archaeology project⁸ and the 3D task force help to build appreciation of being part of the Europeana Initiative, and complement the work done by CARARE in Europeana DSI-4 to support and enable data partners to deliver high-quality datasets.

DIF collaborates with the Association des Cinémathèques Européennes to encourage EFG data partners to raise quality of their collections on EFG, e.g. improving the rights statements, and to support DIF in connecting new archives to EFG. For this purpose an agreement between both institutions will be concluded in May.

The eFashion editorial team has continued engaging the audience, publishing on a daily basis on blog and social media channels, highlighting the rich content aggregated and published by eFashion on Europeana, and stimulating in this way the content holders to continue sharing new and better content. In particular, two galleries have been curated for the 'Women in history' season on Europeana Collections and a blog post was published on the Europeana blog about the famous woman designer Elsa Schiaparelli⁹.

On 15 March 2019, EUscreen partners met at the Annual EUscreen Network Meeting in Luxembourg where the value of being part of the Europeana Initiative was part of several of the presentations given. A few (new) EUscreen partners expressed interest in aggregation for Europeana (Kosovo, Luxembourg, UK), and some to update their data already on Europeana.

The spring meeting of the Europeana Aggregators' Forum happens for 3-4 April. A train the trainer event is included in the programme. The list of aggregator specific events and the schedule of content data support events is kept up to date, including planned national workshops and networking or annual events of Europeana DSI-4 aggregating partners¹⁰.

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 2.3	Number of national workshops run	2 (since Sep 18)	3

⁸ <https://pro.europeana.eu/project/europeana-archaeology>

⁹ <http://blog.europeana.eu/2019/03/elsa-schiaparelli-declaring-feminine-willpower-through-fashion/>

¹⁰

<https://docs.google.com/spreadsheets/d/1WAEW1RJCdmfdgiR5D9QLIXIbWfFQ5ooQpdx0mi-hDyQ/edit#gid=1613890381>

Europeana Pro

In this period Europeana Foundation worked on a new styling for Europeana Pro. We also started looking at the structure of our information on the website and its labelling. To understand our partners better we organized a customer journey workshop with a manageable group of aggregators to gain more insight into their needs and the challenges they are facing when working with the CHIs to deliver data to Europeana. This workshop highlighted some interesting points which will not only advise how the information should be presented to the CHIs and the aggregators on Europeana Pro but also how we can cater to their needs at various other interaction touchpoints. In the coming period, we will also organise a customer journey workshop with the network association members. In parallel we are also rewriting the narrative of the website using active language and concise phrasing.

Statistics dashboard

We created a persona¹¹ for data provider groups and aggregators to understand their needs, motivations and behaviors for delivering data to Europeana.

Task 2.2. Raise quality of aggregated data

Partners: EF, APEF, BL, CARARE, AthenaRC, MCA, eFashion, DIF, NISV, AIT-Graz, PhotoCons, and NTUA

In March 2019 we published almost 1 million records in Europeana Collections. The majority of the data was contributions for the Generic Services projects Rise of Literacy and Migration in the Arts and Sciences. We also published high quality contributions from Europeana DSI-4 aggregating partners (AIT-Graz (OpenUp!), CARARE, AthenaRC, NISV (EUscreen) and eFashion).

As reported earlier, it is still a challenge to measure tier progress automatically. Therefore, the impact on the recent publications on our tier statistics can not be shown. Our previous media service has not created a full set of technical metadata for all 58 million records, which is a necessary prerequisite to measure tier progress. The new media service of Metis is working fine to create technical metadata and thumbnails for all datasets that we process now. A solution has been developed by the Metis team to facilitate and support the reprocessing of datasets that lack technical metadata and/or thumbnails. With this in place we have now started to reprocess datasets to close the gap of technical metadata, to report tier progress in a more systematic way from August onwards.

¹¹ https://drive.google.com/file/d/1vB2s_kelk6Tnj5sZ0tFVYQBx6H-oSrHf/view

Achievements were made in the reporting period towards the objectives in the data quality work plans. For more details on achievements per individual institutions by aggregating partner, see the Data quality & content supply sheet¹².

AIT Graz (OpenUp!) has agreed a solution for the display of uninhabited places on a map in the Europeana portal with Europeana office, the transformation routine was adapted accordingly and data is now re-transformed on this basis.

APEF continued to collaborate with EF based on datasets from two data providers, used as test cases to investigate and implement data quality and mapping improvements that will contribute specifically to the objectives 2, 4 and 5 in the APEF data quality plan.

CARARE has continued to offer advice and support to its data partners on metadata mapping, harvesting and enrichment. During the period, with support from NTUA and Athena RC, CARARE migrated to MINT-for-all. Work with the German Archaeological Institute on configuring an EDM export from their ARACHNE database was completed by CARARE and AthenaRC. Updates in Europeana were completed for the University of Jaen and the Baselland museums group.

Work within BL (Europeana Sounds) is still taking place obtaining permission to make audio collections embeddable and, where appropriate, downloadable. This will add tier 2 material to Europeana and move existing content from tier 1 to tier 2.

DIF (EFG) finalised the EDM mapping adaptations that will improve the tier of a majority of EFG records on Europeana and sent first transformed sets to the EF ingestion team. A new tool was implemented in the EFG infrastructure that makes it easier to edit the metadata for single records without having to reingest the complete set.

eFashion prepared a new full republication of all datasets that will be realised in the next period. The newly published datasets will offer a substantial improvement over the previous one since we will add semantic enrichment for contributors/creators names and places, linking to open data vocabularies (Wikidata for names and Geonames for places).

MCA (MUSEU) improved the LIDO to EDM mapping, to properly manage contextual resources for places and concepts. Several datasets with skos:concept were prepared and are foreseen to be published in Europeana Collections in the next reporting period.

NISV published the EUscreen core content (a curated subset of EUscreen data), this time including the new FINA dataset in the context of the Migration in the Arts and Sciences Generic Services Project.

¹²

<https://docs.google.com/spreadsheets/d/1WAEW1RJCdmdfdgiR5D9QLIXIbWfFQ5ooQpdx0mi-hDyQ/edit#gid=1158063986>

Photocons and NTUA updated the photography-MINT instance so that it will be possible to apply the metadata improvement (e.g. dc:type, xml:lang) in automatic way.

Europeana Publishing Framework

Work on the metadata component of the Europeana Publishing Framework¹³ continued as part of the work of the Data Quality Committee¹⁴, with most aggregating partners participating (AIT Graz, BL, CARARE, DIF, Europeana Fashion, NISV, Photoconsortium). In this reporting period we have concluded the refined definition of the metadata tiers.

Task 2.3. Published data is further enriched for end users

Partners: EF

The EuropeanaTech task force on annotations and user sets was launched and is planning to start concrete work (use case gathering) in April. The objective of this task force is to foster interoperability across the applications and projects in the Europeana context that produce, publish and/or consume annotations and user sets, by maturing the specifications that are used in the process, notably in terms of data models and APIs.¹⁵

Task 2.4. Influence and organise global interoperability efforts to benefit CHIs

Partners: EF

EF progressed on writing the report for the task force on governance of EDM, and updating the EDM roadmap with past and coming work. We came up with a small extension on how to model grouping of entities, based on the SKOS ontology, for the Entity Collection. Lastly, efforts on data modeling and interoperability continued with: 1) (invited) participation to a workshop of the editorial board for the data model of the Linked Art initiative; 2) presentations on interoperability and semantics made to the conference for the World Digital Library, and 3) continued engagement in the IIF community (with a presentation submitted and accepted to the coming IIF conference).

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 2.13	Total number of reference papers or presentations	10 (since Sep 18)	10

¹³ <https://pro.europeana.eu/post/publishing-framework>

¹⁴ <https://pro.europeana.eu/project/data-quality-committee>

¹⁵ <https://pro.europeana.eu/project/interoperability-of-annotations-and-user-sets>

Task 2.5. Maintain Europeana Licensing Framework and Rightsstatements.org

Partners: EF

The rights campaign, commenced in February, continues. In the first instance we work with data partners to query data sets identified in the report on the accuracy of rights statements¹⁶ as inaccurate or probably inaccurate. The report highlighted a range of issues, some relatively easy to address - such as a large Rijksmuseum collection labelled as inaccurate due to the incorrect labelling of a small proportion of objects within that collection. Through to collections which will take substantially longer to address such as those from Sweden where we have worked with representatives to understand that there is a knowledge gap in applying statements - in this instance we are looking to address the knowledge gap as a first step towards correcting inaccuracies.

The second phase of the campaign addresses raising awareness of copyright rules - through for example the symposium to explore the new EU copyright rules (DSM Directive) being planned by the Copyright Community. This will be accompanied by the development or updating of training resources.

The implementation of the RightsStatements.org rights statements - which make up half of the available rights statements¹⁷ data partners can use - continues to grow organically. This growth is driven primarily by translation efforts by partners within the Europeana Network. The number of translations covering Member State languages has risen to 11 in total (English, Polish, Estonian, Finnish, German and Spanish are operational, French, Finland-Swedish, Swedish, Lithuanian and Portuguese are in development).

Since the last periodic report, the Polish translation was concluded and published online for use. We have also seen some positive steps in international cooperation; the Finnish and Swedish ministries are working together to try to develop a common Swedish translation. The French translation is a tripartite effort of french speaking nations led by the National Library of Luxembourg, with the French National Library and the Canadian Digital Library and Archives.

EF is working with translation partners to understand and support the implementation plans once the translations are complete. Preliminary research was conducted with Polish, Lithuanian and Finnish partners, and we intend to publish their approaches to implementation to help other partners learn from their experiences both within the Europeana Network but also to members and potential members of the RightsStatements.org consortium.

¹⁶

<https://www.kl.nl/publicaties/research-paper-a-look-at-the-accuracy-of-edmrights-in-the-europeana-database/>

¹⁷ <https://pro.europeana.eu/page/available-rights-statements>

The RightsStatements.org consortium has developed a draft business plan for 2019 identifying its core activities (scheduled to be signed off by the Steering Committee meeting 7th May).

Work Package 3: Fostering reuse of digital cultural heritage resources

WP 3 fosters reuse of digital cultural heritage by community engagement and markets and audiences outreach. We build up market-specific communities to bring together various stakeholders on the three reuser markets: education, academic research, and creative industries. For even stronger engagement, we work with selected market partners on cross-promotion and joint community outreach campaigns.

Task 3.1. Engage with educational communities

Partners: EF, EUN, EUROCLIO

Following communication and dissemination activities were undertaken in the reporting period:

Partner	Name of event	Activity	Location	Date
EF	All Digital Week ¹⁸ A series of online events with over 80.000 participants and 1.395 events across Europe	Europeana was featured as event partner with full portfolio ¹⁹ (our collections, guide to educators and Teaching with Europeana blog). All Digital Week participants were invited to the 'Critical thinking with Europeana' webinar on 6 March and the Spanish version of the same course on 28 March. 37 people attended the course.	Online	25 - 31 March
EF	Blog	Europeana STEM Challenge blog '€20,000 available for STEM videos with cultural content' ²⁰	Europeana Pro	25 March
EF	Blog	Discover free and innovative learning resources using digital culture in the new 'Teaching with Europeana' blog ²¹	Europeana Pro	14 March

¹⁸ <https://alldigitalweek.eu/useful-tools/>

¹⁹ <https://alldigitalweek.eu/useful-tools/>

²⁰ <https://pro.europeana.eu/post/europeana-stem-challenge>

²¹ <https://pro.europeana.eu/post/discover-free-and-innovative-learning-resources-using-digital-culture-in-the-new-teaching-with-europeana-blog>

EF	Case study publication	Children's migration stories: How a school brought Europeana Migration alive in the classroom ²² . In this post we hear from Kimberley Harris, a teacher at The British School in The Netherlands about her experience using the unit 'every object tells a story' from Europeana Migration Collection in her classroom.	Europeana Pro	22 Feb
EF	Europeana Education LinkedIn group	Ongoing engagement resulting in 31 new members (total 496 members), or 6.3% increase in comparison to the previous reporting period	Online	Ongoing
EF	Facebook Group ²³ MOOCs	Ongoing engagement resulting in 80 new members (total 1,101 members), or 6.8% increase in comparison to the previous reporting period	Online	Ongoing

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 3.1	Total number of learning resources using Europeana data	16 (since Sep 18)	Min. 200
KPI 3.2	Total number of integrations of Europeana data in dynamic learning environments	1 (since Sep 18)	5
KPI 3.3	Net Promoter Score of teachers using Europeana	Not measured, (63, Dec 18)	20

Subtask 3.1.1. Maintain and develop governmental partnerships (Ministries of Education)

Partners: EF

We are pursuing a relationship with the Ministries of Education in Poland, Croatia and Greece.

Subtask 3.1.2. Maintain and develop non-commercial partnerships

Partners: EF, EUN, and EUROCLIO

²²

<https://pro.europeana.eu/post/children-s-migration-stories-how-a-school-brought-europeana-migration-alive-in-the-classroom>

²³

<https://www.facebook.com/login/?next=https%3A%2F%2Fwww.facebook.com%2Fgroups%2FEuropeanaMOOCrun%2Fmembers%2F>

EUN and EUROCLIO are our key noncommercial partners.

European Schoolnet (EUN)

Europeana Teacher Ambassador network

The 13 Europeana Teachers Ambassadors from Croatia, Finland, France, Greece, Hungary, Italy, Malta, Poland, Portugal, Romania, Spain, Turkey and the European Schools²⁴ continued to coordinate the publication of Europeana learning scenarios and stories of implementation from 'their' User Group to the 'Teaching with Europeana' blog. In March 2019, the blog²⁵ featured 23 scenarios and seven implementation stories.

Four Ambassadors (France, Finland, Turkey and Hungary) gave webinars to their national educational audiences in March 2019. The exact dates for the past and future webinars can be found in the FCL calendar²⁶.

Europeana Teacher User Group

Over the course of March 2019, 131 User Group teachers were accepted and introduced to the project. With this, the Europeana Education User Group is complete. The following table summarizes the number of teachers from each participating country:

Country	Number of UG teachers	Country	Number of UG teachers
Bulgaria	1	Malta	9
Croatia	10	North Macedonia	5
European Schools	10	Poland	11
Finland	5	Portugal	10
France	4	Romania	10
Greece	10	Serbia	6
Hungary	10	Spain	10
Italy	10	Turkey	10
Total	131		

²⁴ <https://www.eurisc.eu/en>

²⁵ <https://teachwitheuropeana.eun.org/>

²⁶ <http://fcl.eun.org/calendar>

Europeana MOOCs

The 'Europeana in your classroom: building 21st-century competencies with digital cultural heritage (Rerun)²⁷ MOOC launched on 14 January and finished on 28 February 2019. The course ran for five weeks, with a module opening every week. The MOOC was well received among teachers in Europe. In March, EUN carried out the evaluation with the following results:

- 3011 people from 55 countries registered to take part in the MOOC²⁸
- 1696 participants started following at least one course module which corresponds to 56% engagement rate²⁹
- 627 participants passed the MOOC and received the course certification which corresponds to a 37% completion rate³⁰. Note: the previous Europeana MOOC edition scored 25% completion rate and the average MOOC completion rate³¹ is 10%
- The top five countries (per number of registrations in descending order) are Turkey, Croatia, Italy, Greece and Romania
- According to data collected via the pre-course survey, the majority of course participants are secondary school teachers, female and 36 years old or older
- All 98% rated the overall value of the course as "Good" or "Very good"
- All 95% would recommend the course to a colleague or a friend
- All 93% agreed that they now know how copyright works and how to use digital cultural heritage

The MOOC was translated to Portuguese³² and Spanish³³. The translated courses started on 18 March and will run until the beginning of May.

Both the English and the translated versions of the MOOC will feed the creation of learning scenarios and promotion of the use of Europeana resources in classes. EUN expects a minimum of 50 new learning scenarios including Europeana resources to come out of each MOOC (e.g. about 150 per project year).

27

<https://www.europeanschoolnetacademy.eu/web/europeana-in-your-classroom-building-21st-century-competences-with-digital-cultural-heritage-rerun->

²⁸ Based on registration and participation data. The pre-course survey had 1055 responses and the post-course survey had 220 responses.

²⁹ The course engagement rate is calculated by dividing the total number of participants who at least started the first compulsory module of the MOOC by the total number of registrations.

³⁰ The course completion rate is calculated by dividing the total number of participants that completed the course (and were thus awarded a certificate for course completion) by the total number of participants who started at least the first compulsory module of the MOOC.

³¹ Jordan, K. (2014). Initial trends in enrolment and completion of massive open online courses. The International Review Of Research In Open And Distributed Learning, 15(1).

doi:<http://dx.doi.org/10.19173/irrodl.v15i1.1651>

³² <https://www.europeanschoolnetacademy.eu/web/europeana-pt>

³³ <https://www.europeanschoolnetacademy.eu/web/europeana-es>

Teach with Europeana blog

The Teaching with Europeana³⁴ blog launched on 4 March 2019. The blog aims to encourage teachers to share their experiences in incorporating Europeana resources in their classroom. Updated every week, the blog exhibits a catalogue of learning scenarios with Europeana content and stories of implementation on how resources are being implemented in classes. Ultimately, the blog serves as a meeting point for European teachers searching for resources and advice.

Dissemination activities

In the first project year, EUN will publish four dissemination videos. The first one³⁵ introduced the teacher ambassador network and was published in December 2018. EUN is currently working on the second and third dissemination videos. The second dissemination video will feature student testimonials from all of the countries involved in the project. The students will share their experiences about learning with and using Europeana resources. The third dissemination video will exhibit the 'Teaching with Europeana' blog.

Historiana (EUROCLIO)

EUROCLIO developed and published on Historiana one new source collection, Women at Work³⁶. The latter was used for a teacher training session on 'Women at Work: Analyzing and comparing visual sources from the Europeana Collections' on 11 March at the University of Groningen. A report of this training³⁷ is published on the EUROCLIO website.

The historical content team of Historiana developed outlines for source collections on three new topics: Ancient Greeks and Ancient Romans and the Reformation and Counterreformation.

In addition, EUROCLIO has made preparations for the following trainings:

- a workshop on Using Photographic Sources and Online Tools to Promote Historical Thinking as part of EUROCLIO's Annual Conference and Professional Development and Training Course, which will take place in Gdansk, Poland (7 April)
- a plenary presentation on Historiana as part of EUROCLIO's Annual Conference and Professional Development and Training Course, which will take place in Gdansk, Poland (6 April)
- A workshop at Fontys University of Applied Sciences, The Netherlands (24 April)
- An eTwinning Seminar 'Using Digitised History Sources to Promote Visual Literacy and Historical Thinking' (30 April) (online)

³⁴ <https://teachwitheuropeana.eun.org/>

³⁵ https://www.youtube.com/watch?v=Hx_1rdTiU5o&feature=youtu.be

³⁶ <https://historiana.eu/#/historical-content/source-collections/women-working>

³⁷ <https://euroclio.eu/2019/03/teacher-training-workshop-on-representations-of-women-at-work-in-groningen/>

Open Education Consortium

For a third consecutive year, we participated in the Open Education Week³⁸ from 5 to 9 March. The virtual event series registered ca. 6.500 participants from 123 countries. Europeana organized the webinar 'Critical thinking with Europeana'³⁹ on 6 March and featured the Europeana MOOCs⁴⁰ (all language versions) as a resource on the OEW website. The course had 10 participants.

Subtask 3.1.3. Maintain and develop commercial partnerships

Partners: EF

No updates for March 2019.

Task 3.2. Engage with academic research communities

Partners: EF, ATHENARC, and CLARIN

Following communication and dissemination activities were undertaken in the reporting period:

Partner	Name of event	Activity	Location	Date
EF	Computer Vision in Book History ⁴¹ organised by the Consortium of European Research Libraries (CERL)	Attendance at workshop and preliminary session.	The Hague, The Netherlands	27 March
EF	SSHOC first Kick-off ⁴²	Europeana Research kept investigating possibilities to join the European Open Science Cloud (EOSC), where the Social Sciences and Humanities Open Cloud (SSHOC) represents the main fields potentially linked to the reuse of cultural heritage. Europeana Research	Utrecht, The Netherlands	11-12 March

³⁸ <https://www.openeducationweek.org/>

³⁹ <https://www.eventbrite.co.uk/e/critical-thinking-with-europeana-webinar-the-use-of-primary-sources-as-an-effective-technique-to-tickets-56477549872>

⁴⁰ <https://www.openeducationweek.org/resources/europeana-in-your-classroom-building-21st-century-competencies-with-digital-cultural-heritage-spanish-and-portuguese-versions-available>

⁴¹ <https://www.cerl.org/services/seminars/cvinbookhistory>

⁴² <https://www.sshopencloud.eu/news/where-social-sciences-and-humanities-meet-european-open-science-cloud>

		therefore attended this meeting as an external institution.		
EF	Building Library labs event ⁴³	The event brought together around 40 representatives of GLAMS, universities and research infrastructures from across the world. We presented the Impact Playbook as a tool for emerging and fully functional labs and led a session on collaborations across borders.	Copenhagen, Denmark	4-5 March
EF	@Eurresearch Twitter	Europeana Research launched the 'Tip of the Day' initiative on Twitter in order to promote events organised by other institutions and pertinent to its area of expertise. The Twitter account gained 64 new followers (2668 in total), registering an increase of 2,5% in March. The tweet impressions were 18.6 K.	Ongoing	

Europeana Research submitted a workshop proposal for the DARIAH Annual Event⁴⁴ on 15-17 May 2019 in Warsaw, aimed at relaunching the activities of the DARIAH Reuse Charter, in which it takes part. The proposal was successful. The workshop will bring together two researchers and two heritage professionals who will discuss data reuse case studies from their respective perspectives. The two heritage professionals are members of the Europeana Research Community.

Europeana Research also started working on the organisation of a workshop that will take place during the Digital Humanities Conference 2019⁴⁵ on 9-12 July 2019 in Utrecht. Its proposal was accepted at the beginning of March and foresees 1) a panel with representatives of the Research Advisory Board and of the Europeana grant recipients, and 2) a technical session with representatives of the Europeana R&D team and the Product APIs team.

In March 2019, ATHENA RC liaised with Europeana Research and DARIAH-EU with regard to the forthcoming DARIAH Annual meeting, and worked on a research publication on the digital legacy of WW1, focusing on Europeana 1914-1918.

CLARIN continued technical preparations and evaluations towards inclusion of a new

⁴³ <https://docs.google.com/document/d/1TVzq5FZJjcEbwj9d2oDcPEfNoL02gLMp33vuj-w1T1/edit>

⁴⁴ <https://dariah-ae-2019.sciencesconf.org/>

⁴⁵ <https://dh2019.adho.org/>

selection of Europeana datasets. As part of this, the Europeana OAI-PMH provider was further tested. CLARIN prepared a final harvest set covering about 135,000 high quality records as well as a blog post describing the approach, illustrating the outcome and laying out plans and expectations for the future. Both the blog and final data set inclusion are scheduled for early April. Several non-blocking technical issues in relation to the OAI-PMH provider were reported to EF. Workarounds have been implemented by CLARIN.

CLARIN prepared demonstrations and presentations of its discovery, processing and collection creation services for the EOSC-hub week 2019 (to take place early April), which will partially employ and highlight the (newly imported) Europeana records.

Subtask 3.2.1. Organise Europeana Research grants programme

Partners: EF and AthenaRC

One of the Europeana grant recipients, Dr Elizabeth Benjamin, participated in the American Comparative Literature Association (ACLA)'s 2019 Annual Meeting⁴⁶, Digital Production(s): The Artistic Praxis of Digital Space on 7-10 March 2019 at the Georgetown University in Washington DC. She gave the paper '(Web)sites of Memory: digital representations and pedagogical innovations', which discussed her Europeana research project's goals and first results. One of her collaborators published an article on her project blog under the title First Swim in the Archival Pool⁴⁷.

Europeana Research organised a meeting between Dr Berber Hagedoorn and Europeana Service Design team at the Europeana office on 13 March to discuss her research project and consult on how best to design the planned user questionnaires and test sessions from user design experiences perspective. Europeana Research also helped Dr Hagedoorn in disseminating one of the questionnaires foreseen within this project 'Your Europeana 1914-1918 requirements for creative reuse'⁴⁸.

The University of Bologna's Magazine published the article 'Lettere e diari dalla Grande Guerra: un grant Europeana per un progetto Unibo'⁴⁹ about Dr Saverio Vita's project (third research grant winner).

Europeana Research started the evaluation of the progress reports submitted by the three grant recipients by 15 March.

⁴⁶ <https://www.acla.org/annual-meeting>

⁴⁷ <https://returntosendermap.eu/blog/2019/03/05/first-swim-in-the-archival-pool/>

⁴⁸

https://docs.google.com/forms/d/e/1FAIpQLScPCgHQqjwn1fZKvMjBND2rZpAW-_20hhTNyll-j-7yolowTA/viewform

⁴⁹

<https://magazine.unibo.it/archivio/2019/03/01/lettere-e-diari-dalla-grande-guerra-un-grant-europeana-per-un-progetto-unibo>

Task 3.3. Engage with creative industries communities

Partners: EF

Following communication and dissemination activities were undertaken in the reporting period:

Partner	Name of event	Activity	Location	Date
EF	Labs newsletter	March edition: 560 subscribers 31.3 % opening rate	Online	02/03/19
EF	Labs Twitter	Ongoing updates 1,255 followers, 1.67% growth vs previous reporting period	Online	Ongoing

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 3.6	Total number of cases of new works, products or services using Europeana content	1 (since Sep 18)	20

Subtask 3.3.2. Organise Europeana Challenges and Match funding

Partners: EF

On 25 March we launched the Europeana STEM Challenge⁵⁰ which offers 20.000 EUR for the best educational videos using Europeana openly licensed content to teach STEM (science/technology/engineering/math) topics. The application submission will be open till 15 May on Europeana Pro. Winners will be announced on 25 June and will deliver their educational video projects by latest 1 October. We supported the application outreach via an extensive promotional campaign on social media, Europeana newsletters, and market-specific communities and partners.

⁵⁰ <https://pro.europeana.eu/post/europeana-stem-challenge>

Work Package 4: Communication and Dissemination

Under this work package EF will undertake communications and dissemination activities to raise awareness of and promote Europeana and its services to cultural heritage institutions and aggregators as well as end-users (European Citizens).

Note: Communication and dissemination activities towards our markets education, creative industries, and academic research are described under the tasks related to the market under Work Package 3: Fostering reuse of digital cultural heritage resources.

Task 4.1. Communication and dissemination to CHIs and expert communities

Partners: EF, and Lovegrove

In March EF published 19 news items⁵¹ on Europeana Pro. The main focus of the month was a series of professionally focused interviews and profiles 'Women in culture and technology' - designed to complement the Women's History month series. This Pro interview series provided 'behind the scenes' insights into the work of and issues important to high-profile women in the culture and technology sectors today. Each profile linked back to and encouraged readers to visit the related Collections exhibition of women innovators in history. The majority of items in this series were supported and promoted by 'Twitter' take-overs by those profiled, and the issues discussed fed into a 'Twitter chat' open to sector professionals at the end of the series. Undertaking a strategic approach to press, complimented by a press release, key female journalists from across Europe were identified and contacted with the offer of exclusive information and access to the interviewees (innovators and leaders in culture and technology). This tailored approach lead to the publication of 6 news articles (in March; 19 for the Season in its entirety) promoting the Season, including an exclusive interview. The most popular items are listed in the table below.

Most popular Europeana Pro News in March

Title	Theme	Date of publication	Traffic
Women in culture and tech: Mariya Gabriel, European Commissioner for Digital Economy and Society ⁵²	#WomensHistory Month	29/03/2019	1,523
Women in culture and tech: Nora Al-Badri, media artist and activist ⁵³	#WomensHistory Month	13/03/2019	1,111

⁵¹ <https://pro.europeana.eu/blog>

⁵²

<https://pro.europeana.eu/post/women-in-culture-and-tech-mariya-gabriel-european-commissioner-for-digital-economy-and-society>

⁵³ <https://pro.europeana.eu/post/women-in-culture-and-tech-nora-al-badri>

Women in culture: Silvia Gutiérrez, digital humanities librarian ⁵⁴	#WomensHistory Month	26/03/2019	983
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Media Mentionings in March 2019

In March EF was mentioned internationally, mostly related to our efforts for the Women's history month which included specifically targeting female journalists covering relevant subjects or publications.

Title	Publisher	Theme	Date of publication
Out of the Classroom and Into the World: 70-Plus Places to Publish Teenage Writing and Art ⁵⁵	The New York Times, United States of America	GIF IT UP	01/03/2019
Ocho pioneras que transformaron la sociedad europea ⁵⁶	EUROEFE	#WomensHistoryMonth	08/03/2019
Las pioneras que transformaron la sociedad europea cuando nadie les escuchaba ⁵⁷	La Vanguardia, Spain	#WomensHistoryMonth	08/03/2019
Las pioneras que transformaron la sociedad europea cuando nadie las escuchaba ⁵⁸	El Espectador, Colombia	#WomensHistoryMonth	08/03/2019
Las pioneras que transformaron la sociedad europea cuando nadie les escuchaba ⁵⁹	Conexión +, Colombia	#WomensHistoryMonth	08/03/2019
Как идти за мечтой: 5 удивительных женщин в европейской истории	Euro-Pulse + Russia	#WomensHistoryMonth	06/03/2019

⁵⁴ <https://pro.europeana.eu/post/women-in-culture-silvia-gutierrez>

⁵⁵ <https://www.nytimes.com/2018/11/15/learning/out-of-the-classroom-and-into-the-world-70-plus-places-to-publish-teenage-writing-and-art.html>

⁵⁶ http://euroefe.euractiv.es/3799_asuntos-sociales/6005707_ocho-pioneras-que-transformaron-la-sociedad-europea.html

⁵⁷ <https://www.lavanguardia.com/cultura/20190308/4691487746/las-pioneras-que-transformaron-la-sociedad-europea-cuando-nadie-les-escuchaba.html>

⁵⁸ <https://www.elespectador.com/noticias/cultura/las-pioneras-que-transformaron-la-sociedad-europea-cuando-nadie-les-escuchaba-articulo-843843>

⁵⁹ <https://conexionmas.com/2019/03/08/las-pioneras-que-transformaron-la-sociedad-europea-cuando-nadie-les-escuchaba/>

Task 4.2. Communication and dissemination to European citizens

Partners: EF

Subtask 4.2.1. Engage users with Europeana Collections

Partners: EF, F&F, and SPK

In this reporting period, our editorial activities were focused around the Women's Season that we ran throughout March. Everyday we featured on our social media a snippet of a story concerning women. We told these stories using cultural heritage content from 80 institutions from over 20 countries around the world.

During the reporting period we published 13 new blogs⁶⁰ (e.g. Carving a place for women on statues⁶¹) and 5 new galleries (e.g. Art of Olga Boznańska⁶²) – the overwhelming majority highlighting the lives and achievements of remarkable women. Some of these features were guest contributions from partners (e.g. The Trailblazer - Jelena Dimitrijević, Serbia's first feminist author⁶³). With over 27,000 visits to our Women's History Month blogs, the traffic on the Europeana Collections blog was 138% higher in March than in February.

On International Women's Day (March 8) we published the final chapter (the story of Dora Gabe⁶⁴) of Pioneers: Trailblazing women in the arts, sciences and society⁶⁵, an online exhibition launched by Mariya Gabriel, European Commissioner for Digital Economy and Society, on January 18.

This exhibition performed extremely well with over 27,000 visitors and excellent audience reviews. Readers praised the topic (*'I love the idea of rescuing the history of women who have made important contributions and thus set an example for the new generations'*), choice of the protagonists (*'You are representing women from all over the Europe'*), the opportunity to learn (*'It's important to learn about women of whom I had never heard'*) and the quality of materials (*'[I like the most] the range and quality of the images with the detailed background information, presented in an interesting way'*), as well as the interface and the presentation (*'Esthetic ergonomy for mobile screen, good choice of illustrations according to the text, fluidity of reading and looking'*). Multiple users also expressed the wish to view more female-oriented editorial (*'It would be great to see the profiles continue and further female-focussed exhibitions.'*) and underlined the importance of featuring stories of women (*'It's a great start to make these women become well known actors of our history; It makes me hope that even more women will be regularly included in the reconstruction of the past.'*)

⁶⁰ <http://blog.europeana.eu/>

⁶¹ <http://blog.europeana.eu/2019/03/carving-a-place-for-women-on-statues/>

⁶² <https://www.europeana.eu/portal/en/explore/galleries/olga-boznanska>

⁶³ <http://blog.europeana.eu/2019/03/the-trailblazer-jelena-dimitrijevic-serbias-first-feminist-author/>

⁶⁴ <https://www.europeana.eu/portal/en/exhibitions/pioneers/dora-gabe>

⁶⁵ <https://www.europeana.eu/portal/en/exhibitions/pioneers>

Our Women's Season also received significant press coverage with 19 news publications from 10 different countries (6 of which were published in March, as listed above).

Most popular Europeana Collections blogs in March

Title	Theme	Date of publication	Traffic
The story of Monopoly: how Charles stole Lizzie's idea and made his fortune	Women's History Month	14/3/19	5,629
#5WomenArtists: celebrating female artists from across Europe	Women's History Month	8/3/19	4,166
Marie Jeanette de Lange and the Dutch reform dress movement	Women's History Month	9/3/19	2,584

Most popular Galleries in March

Title	Theme	Date of publication	Traffic
Helene Schjerfbeck	Women's History Month	13/3/19	2,064
Silhouettes: a century of female fashion	Women's History Month	25/3/19	1,185
Corsets	Women's History Month	16/3/19	610

Exhibitions

The recent online exhibition *Pioneers: Trailblazing women in the arts, sciences and society*⁶⁶ consists of 8 separate stories of 8 different women. Because of its irregular format, the exhibition was published and promoted chapter by chapter. Every week, between January 18 and March 8, a new chapter was published and promoted independently.

Title	Theme	Date of publication	Traffic
Pioneers - chapter 7: Elisa Leonida Zamfirescu ⁶⁷	#WomensHistory Month	01/03/2019	1,640
Pioneers - chapter 8: Dora Gabe ⁶⁸	#WomensHistory Month	08/03/2019	1,048

EF measures NPS on each of the newly published online exhibitions until the number of respondents reaches at least 100 in order to provide a comparable sample of users. Because of the unusually long publication and promotional period of *Pioneers* exhibition, its NPS poll has collected opinions from over 1k respondents.

⁶⁶ <https://www.europeana.eu/portal/en/exhibitions/pioneers>

⁶⁷ <https://www.europeana.eu/portal/en/exhibitions/pioneers/elisa-leonida-zamfirescu>

⁶⁸ <https://www.europeana.eu/portal/en/exhibitions/pioneers/dora-gabe>

Thanks to a different promotional approach Pioneers reached one of the highest NPS score so far (67) and was our most popular online exhibition since publishing Faces of Europe in 2016. The average NPS score for exhibitions published in Europeana DSI-4 is still 49 at the moment.

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 4.1	Satisfaction rate for Europeana Collections	Not measured, expected Apr 19 (36, Dec 18)	30
KPI 4.2	Satisfaction rate for exhibitions ⁶⁹	49 ⁷⁰	30

Subtask 4.2.2. Work with third party platforms and social media

Partners: EF

During Women’s History month, we daily posted content on social media related to women in history, both to generate traffic to Europeana Collections and to engage users. As a result, over 44% of traffic to the Pioneers exhibition and over 51% to other season editorials came from social media.

On March 19th, we did an Instagram Stories takeover of the National Museum of Women in the Arts’ (NMWA) Instagram account (over 55 000 followers) to promote #5Women Artists from cultural institutions across Europe and to raise awareness of our new Instagram account.

Throughout the month of March, we also published 4 paintings by women artists in the DailyArt app (over 700 000 users) and wrote 4 guest article for the DailyArt Magazine featuring women in the arts.

Wikimedia

Preparations launched for several Europeana-led training events for partner institutions and aggregators, on the nature and impact of *Wikidata* for cultural heritage metadata. The ‘sister-project’ to *Wikipedia* is increasingly prominent in open-access and interoperable data harvesting, querying, and crowdsourcing.

⁶⁹ EF measures NPS for each of the newly published online exhibitions until the number of respondents reaches at least 100 in order to provide a comparable sample of users. The figure provided presents the average NPS score for exhibitions published in Europeana DSI-4.

⁷⁰ A NPS that is positive (e.g. higher than zero) is felt to be good while an NPS of +50 is excellent.

EF is investing in training smaller network partners and groups with special technical needs. Notably, this includes three coordinated ‘side’ actions at forthcoming global Wikimedia conference in Stockholm in August to leverage economies of scale.

EF’s Wikimedia liaison now forms part of the RightsStatements.org working group, and RS.org statements are now included as a metadata option within *Wikidata* to describe cultural heritage works.

EF blog posts - especially those written by network partners - are being consistently mined for references to improve *Wikipedia* articles. This increases the re-use of the information, its visibility, and its referral rate.

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 4.3	Total number of impressions from third parties	91,947,515 (since Sep 18)	150 million
KPI 4.4	Total number of impressions on social media (Facebook, Twitter, Pinterest, GIPHY)	90,304,354 (since Sep 18)	82 million

Work Package 5: Animate and further enlarge the Europeana Network Association

Under WP5 EF supports the Europeana Network, instituted and organised in the Europeana Network Association (ENA), its Members Council and Management board, ENA task forces and working groups, as well as ENA communities. EF also connects to various stakeholders via its EU presidency events.

In the end of March, the ENA membership stood at 2,384 members⁷¹.

EF engaged with ENA members through Europeana Pro blogs⁷² (e.g. on Members Council meeting in March 2019⁷³, or series ‘Professionals in focus’ introducing the new Councillors⁷⁴) and the March’s newsletter referred to as monthly Network Update⁷⁵ (1337⁷⁶ subscribers). The blogs and newsletters are relayed through various communication channels such as LinkedIn, Twitter and Facebook.

⁷¹ <https://pro.europeana.eu/network-association/network-members>

⁷² <https://pro.europeana.eu/blog>

⁷³ <https://pro.europeana.eu/post/fresh-vision-new-councillors-and-a-new-board-convene-for-first-2019-members-council-meeting>

⁷⁴ <https://pro.europeana.eu/post/professionals-in-focus-henk-alkemade-lead-enterprise-architect-at-the-netherlands-cultural-heritage-agency>

⁷⁵ <https://us3.campaign-archive.com/?u=ad318b7566f97eccc895e014e&id=fd425b4e47>

⁷⁶ <https://pro.europeana.eu/network-association/network-members>

EF also managed the Europeana LinkedIn Group⁷⁷ (4207 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 EF.

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 5.2	Number of members in the ENA	2,398	2,000

Task 5.1. ENA governance

Partners: EF

The Management Board held a physical meeting on 5 March in The Hague. The meeting focused on practical preparation of the Members Council meeting, and discussion of outstanding issues related to the ENA communities, task forces, and ENA budget.

The first 2019 meeting of the Members Council took place on 5-6 March 2019 in The Hague with 30 attending Councillors. With an aim to onboard the new Councillors (16 present), the first day focused on discussing the vision and strategy for the ENA and its role in shaping the Europeana ecosystem in 2019-2020. The second day was dedicated to community development work: finalizing 2019 work plans and steps toward their implementation, and preparing grounds for re-appointment of Steering Groups for the six communities. The Council also addressed Association business such as governance issues, budget, and preparation of 2019 AGM/Europeana event.

Task 5.2. ENA task forces and working groups

Partners: EF

ENA members take on specific subjects or areas of common interest by participating in task forces and working groups.

Three task forces are currently active: EuropeanaTech task force on 'Interoperability of annotations and user sets'⁷⁸ and the '3D content in Europeana'⁷⁹ task force, and the Europeana Research community task force on 'Research requirements'⁸⁰.

⁷⁷

https://www.linkedin.com/groups?gid=134927&trk=vsrp_groups_res_name&trkInfo=VSRPsearchId%3A1260728031426260127839%2CVSRPtargetId%3A134927%2CVSRPcmpt%3APrimary

⁷⁸ <https://pro.europeana.eu/project/interoperability-of-annotations-and-user-sets>

⁷⁹ <https://pro.europeana.eu/project/3d-content-in-europeana>

⁸⁰ <https://pro.europeana.eu/project/research-requirements>

The EuropeanaTech Data Quality Committee⁸¹ Working Group defined its roadmap for 2019. Due to continuous lack of work progress, the Members Council decided to abolish the Library Working Group. #AllezCulture and Copyright Working Groups are no longer active as such and therefore will be incorporated into the Communicators and Copyright community. 2019 Governance and 2019 AGM/Europeana event Working Groups were launched at the Members Council meeting and will start working shortly.

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 5.3	Number of active task forces	2	5

Task 5.3. ENA communities

Partners: EF

Communities help ENA members to cultivate and share knowledge, expertise and best practices around a specific topic or area of common interest. The members can sign up to receive the newsletters, join various communication channels and social media groups, and attend community-related events and meetings. There are currently six active Europeana Network communities⁸²: Europeana Tech, Europeana Impact, Europeana Copyright, Europeana Research, Europeana Education, and Europeana Communicators group.

In March, the major focus of communities was on finalising their work plans for 2019, and re-appointment of their community steering group.

EuropeanaTech⁸³ is a community of experts, developers and researchers from the R&D sector making sure Europeana leads the way with technological innovation. In March, the EuropeanaTech steering group finalised its activity plan. A new task force was launched on annotations and user sets, and published a new issue of EuropeanaTech Insight on LOD-related developments from the Pelagios community⁸⁴.

Europeana Research⁸⁵ community promotes digital cultural heritage for use in research and represents the needs of professionals working in research and cultural heritage across all the sectors. In March, the community steering group worked on and successfully submitted the second version of the task force proposal on research requirements⁸⁶, taking

⁸¹ <https://pro.europeana.eu/project/data-quality-committee>

⁸² <https://pro.europeana.eu/network-association/special-interest-groups>

⁸³ <https://pro.europeana.eu/network-association/special-interest-groups/europeanatech>

⁸⁴ <https://pro.europeana.eu/page/issue-12-pelagios>

⁸⁵ <https://pro.europeana.eu/network-association/special-interest-groups/research-community>

⁸⁶ <https://pro.europeana.eu/project/research-requirements>

into account the MB's suggestions. It also started working on the first general survey for the community.

Europeana Education⁸⁷ community embeds Europe's digital cultural heritage in formal and informal education and learning in innovative ways by working with professionals in education and cultural heritage fields. In March, the community steering group designed a survey to understand better the composition of our community members and their interests (to be sent in April), and started collecting best practices of reuse of digital cultural data in education.

Europeana Communicators⁸⁸ is a community of communications professionals, bloggers and social media influencers helping to put digital cultural heritage at the heart of Europe's future. In March the community put forward its Quarter 2 action plan⁸⁹, which was presented on 6 March at the Members Council Meeting. Actions for Q2 include: electing a new steering group, hold first solve it sessions (an online workshop for communications professionals), explore creating a Twitter account for ENA activities, create a toolbox log reviewing current communications tools. The steering group held two meetings in March, and the community sent out its monthly newsletter (63.6% open rate, 19.2% click rate) and a steering group nominee notice (68.8% open rate and 4.6% click rate).

Europeana Impact⁹⁰ community aims at collaborating to maximise the impact of cultural heritage professionals' and impact professionals' work in the sector and beyond. The chair and vice chair of the steering group have been appointed and a draft work plan is prepared. The next phase of communication with the community is also being prepared.

Europeana Copyright⁹¹ community supports collaboration, offers representation and provides information and consultation on copyright in the cultural heritage sector. A number of newsletters have been shared with the community providing updates regarding the progress of the new eu copyright rules. And to support the community, a meeting of the community is planned coupled together with a symposium to explore the new eu copyright rules (DSM Directive).

Key Performance Indicators

No.	Description	March 2019	August 2019 (Target)
KPI 5.4	Number of active communities in the ENA	6	3

⁸⁷ <https://pro.europeana.eu/network-association/special-interest-groups/europeana-education>

⁸⁸ <https://pro.europeana.eu/network-association/special-interest-groups/europeana-communicators-group>

⁸⁹ https://docs.google.com/presentation/d/1fTW4YzHhvboHVMeQjZjzTMiUHOx_K8zyF_kZpa3JWjU/edit?usp=sharing

⁹⁰ <https://pro.europeana.eu/what-we-do/impact>

⁹¹ <https://pro.europeana.eu/network-association/special-interest-groups/europeana-copyright#>

Task 5.4. Europeana EU presidency events

Partners: EF

There was no presidency event in the reporting period; the next one would take place in April 2019 in Romania.

Work Package 6: Studying the impact of digitisation and reuse of cultural heritage

WP6 contributes to the study of impact of digitisation and reuse of cultural heritage by investigating the status of digitisation in Europe, and by researching the added economic value of opening up cultural heritage resources for reuse.

Task 6.1. Statistics on digitisation of cultural heritage in Europe and study on the cost and funding (per MS) of digitisation of cultural heritage

Partners: DEN and EF

In order to develop a successful new ENUMERATE core survey as well as new ways to present sound statistical data on the economics, the process of the survey is being evaluated. Initial issues detected include but are not limited to the representativity of the data set and how to improve it, as well as developing a better understanding of which data is most valuable to the stakeholders of the ENUMERATE data. The inventory of topics is underway, and DEN is in the process of connecting with its' network of national coordinators and inviting them to participate in a series of short sets of questions (Q2 and Q3 2019).

Insights on the costs and funding of digitisation are expected for the second year of the contract (M20).

Task 6.2. Develop a report on 10 cases on the impact of opening up high quality cultural heritage in terms of reuse and economic benefits

Partners: DEN and EF

To bring more depth to the analysis of the statistics of ENUMERATE, DEN and EF are developing a methodology to select ten examples or case studies which demonstrate the economic impact of digital heritage.

A feasibility study is underway for the case studies, and two further areas for impact assessment were identified as possible focuses for an impact assessment. Firstly, it is

considered useful to show the value of Europeana's role as a convener and consensus builder. We have many examples of where this role is deployed - such as through EU presidency events, and feel this is a natural fit with the unique role that EF fills in the cultural heritage sector. Secondly, along with the investigation into the development of the ENUMERATE survey we are considering an impact assessment on the value of the survey - using the appraisal process to both refine the next survey, as well as provide tangible examples of where the data is used and the value of having access to that data.

Outcomes of these work are expected for the second year of the contract (M22).

Task 6.3. Cost-benefit analysis

Partners: EF

As part of this contract, EF will subcontract an expert to develop a costs-benefit analysis on Europeana. Procurement for the subcontract is expected to start in June 2019.

Work Package 7: Governance

Partners: EF

Under WP7 EF reports to the European Commission, the Expert Group on Digital Cultural Heritage and Europeana (DCHE) and its sub-groups the status of the Europeana DSI platform, activities and developments as well as re-prioritise developments of the platform based on received feedback and validation with users.

Work Package 8: Phasing-in and phasing-out periods

The objectives of this WP are to provide correct and up-to-date information to the European Commission on assets and liabilities related to Europeana DSI and to test phasing-out and transfer processes to a successor supplier.

No updates for this reporting period.

Work Package 9: Project and Programme Management

Task 9.1. Project management of Europeana DSI-4

Partners: EF

EF met with the Europeana DSI-4 project officer of the European Union on March 11 for the monthly operational management board meeting. During the meeting we mainly discussed

periodic reports (B.2 and B.3 deliverables) delivered in February (M6) as well as the updated implementation plan (B.1 deliverable, M6).

Task 9.2. Relations with Europeana DSI Generic Services projects

Partners: EF

EF maintained contact with the funded Europeana DSI Generic Services (GS) projects (e.g. via Basecamp groups) and makes sure that the Core Service Platform will be able to deliver the required services for these projects. EF will report on activities and developments towards the Europeana DSI GS projects in more detail in the Platform reports (A.1 deliverables).