



Europeana

Europe's platform for digitised cultural heritage

Presentation Digital Access to Cultural Heritage, 8 March 2018
Marjolein de Vos

Mountainous Landscape with Saint Jerome, 1592
Paul Bril
Mauritshuis, Public Domain

What and who is Europeana?



*The Anatomy Lesson of Dr.
Nicolaes Tulp*, 1632
Rembrandt van Rijn
Mauritshuis
Public Domain



A non-profit foundation based in The Hague
ca. 60 employees



A community of 1700+ digital heritage and tech experts



Our mission:

We transform the world with culture. We build on Europe's rich cultural heritage and make it easier for people to use for work, learning or pleasure.
Our work contributes to an open, knowledgeable and creative society.

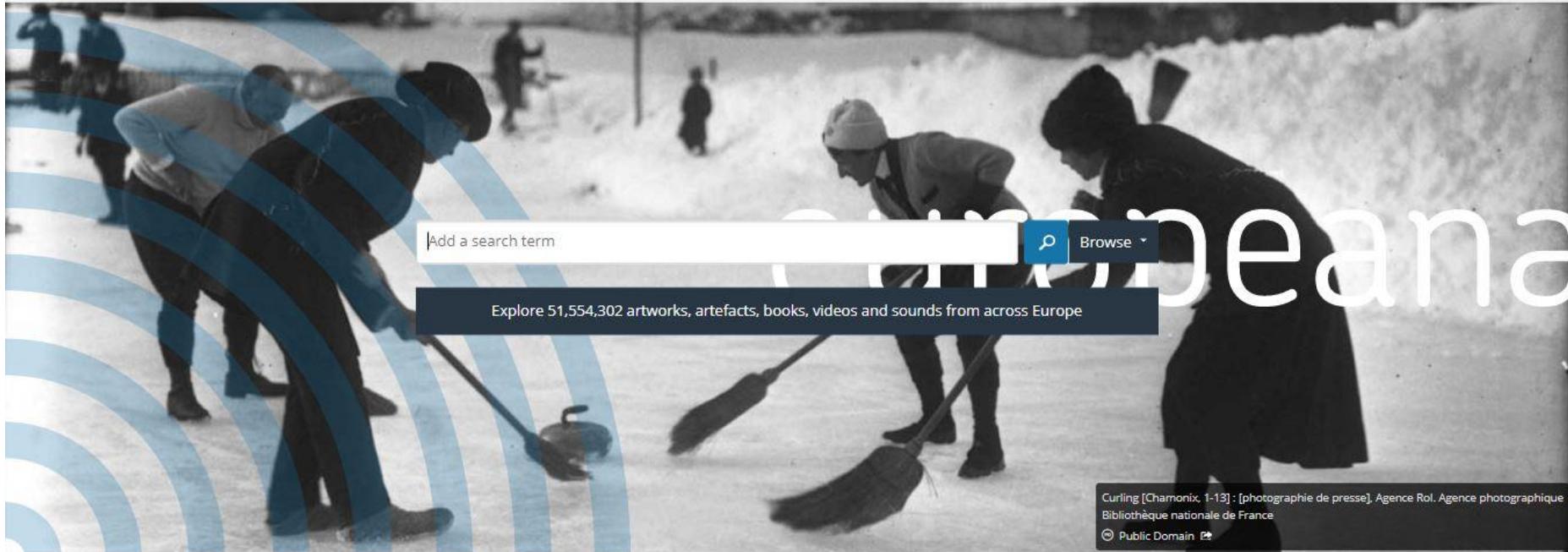
Europeana Collections



Collections ▾ Explore ▾ Exhibitions ▾ Blog ▾

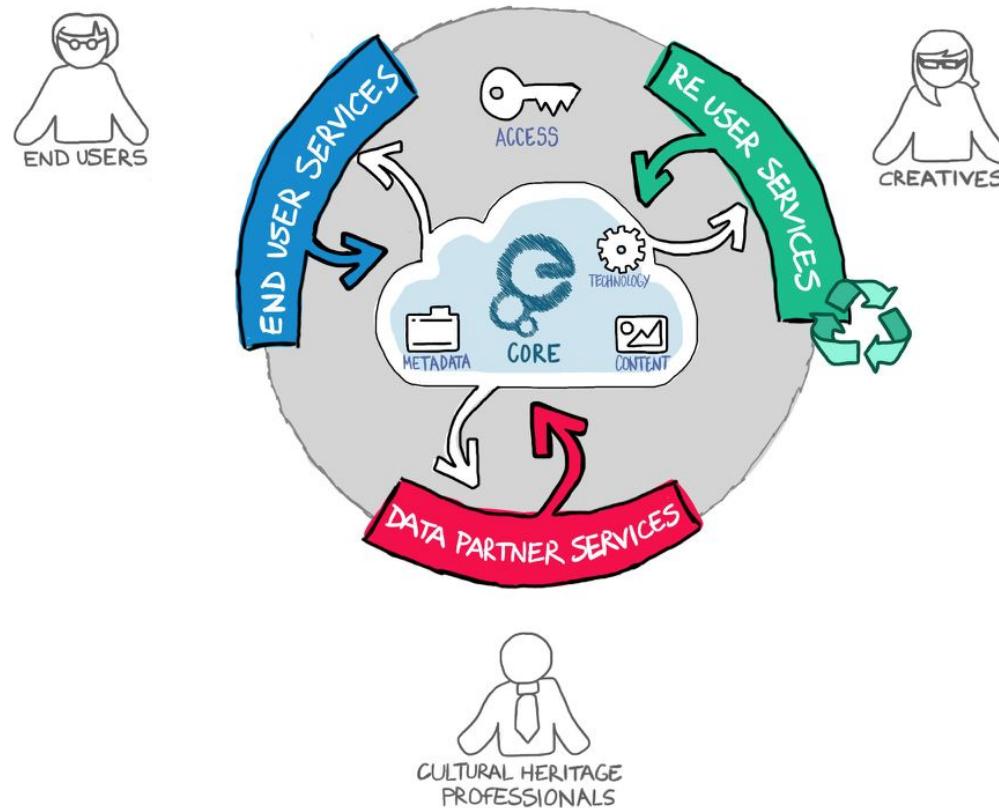
OUR SITES

LANGUAGE ▾



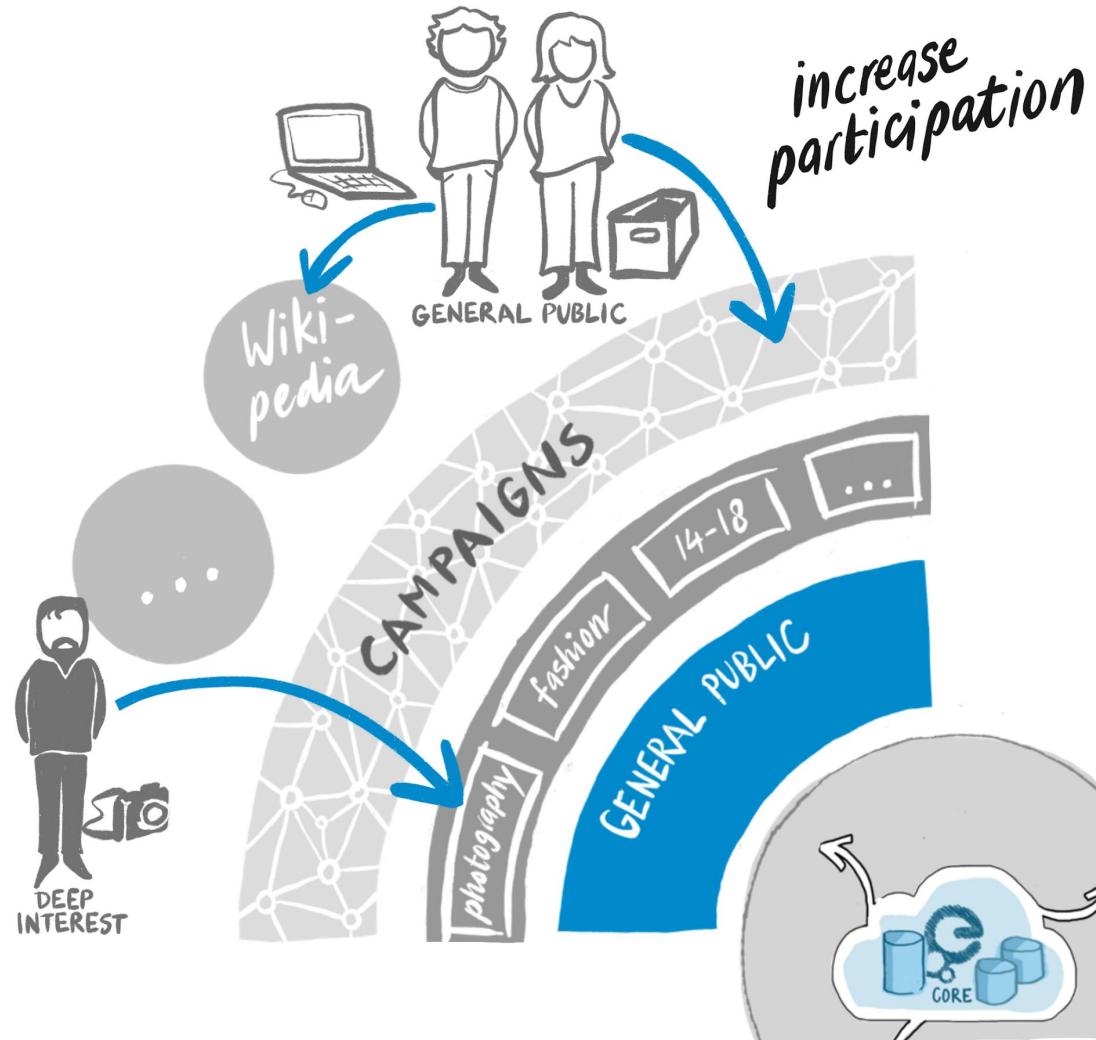
Europeana Collections is Europe's digital library, museum, gallery and archive. From books, photos and paintings to television broadcasts and 3D objects, Europeana Collections provides online access to a vast store of cultural heritage material from across Europe.

Target markets



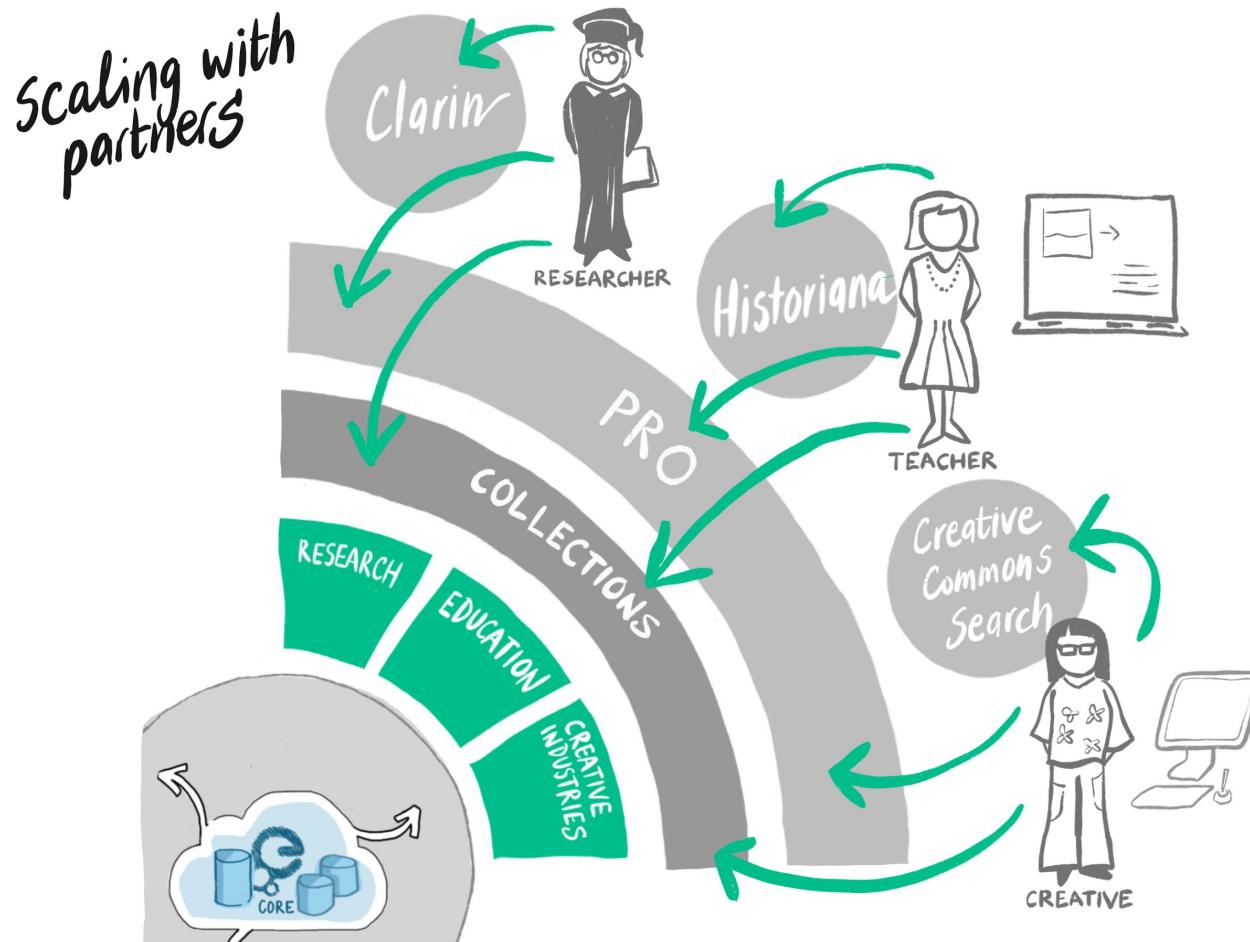
Europeana's services for three different audiences
Europeana | CC BY-SA

End-user services



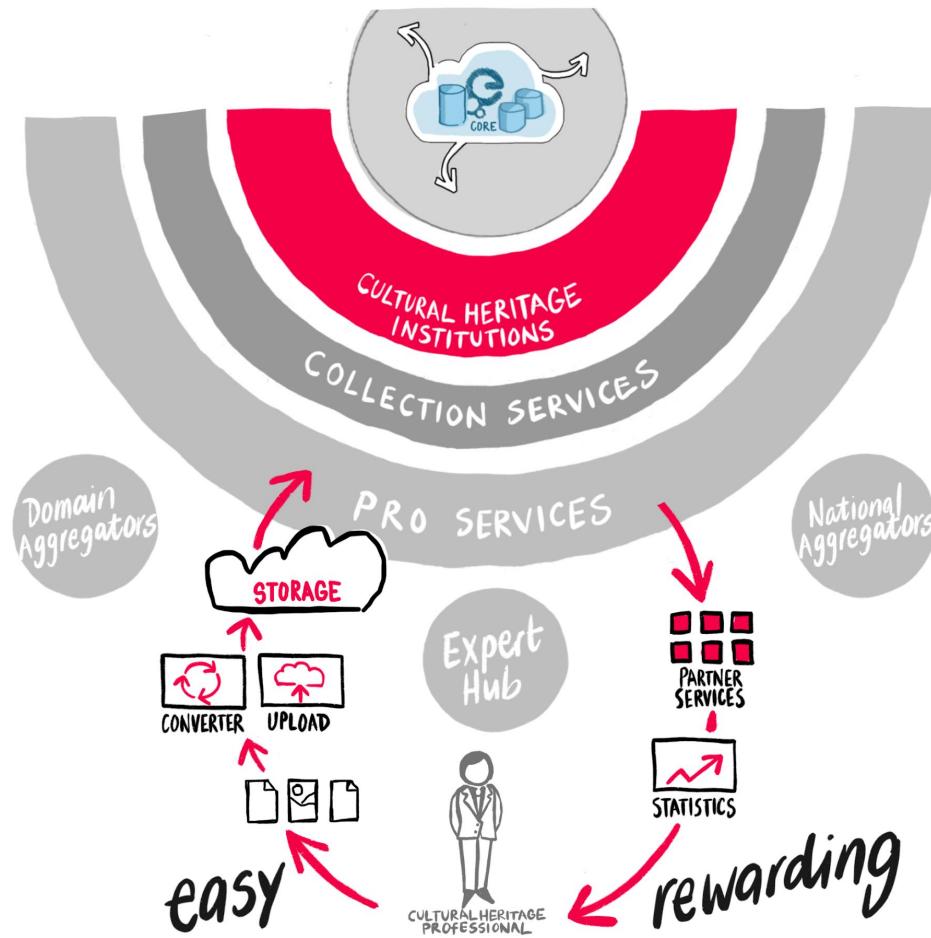
Europeana end-user services
Europeana | CC BY-SA

Professional re-user services



Europeana professional re-user services
Europeana | CC BY-SA

Services for data partners



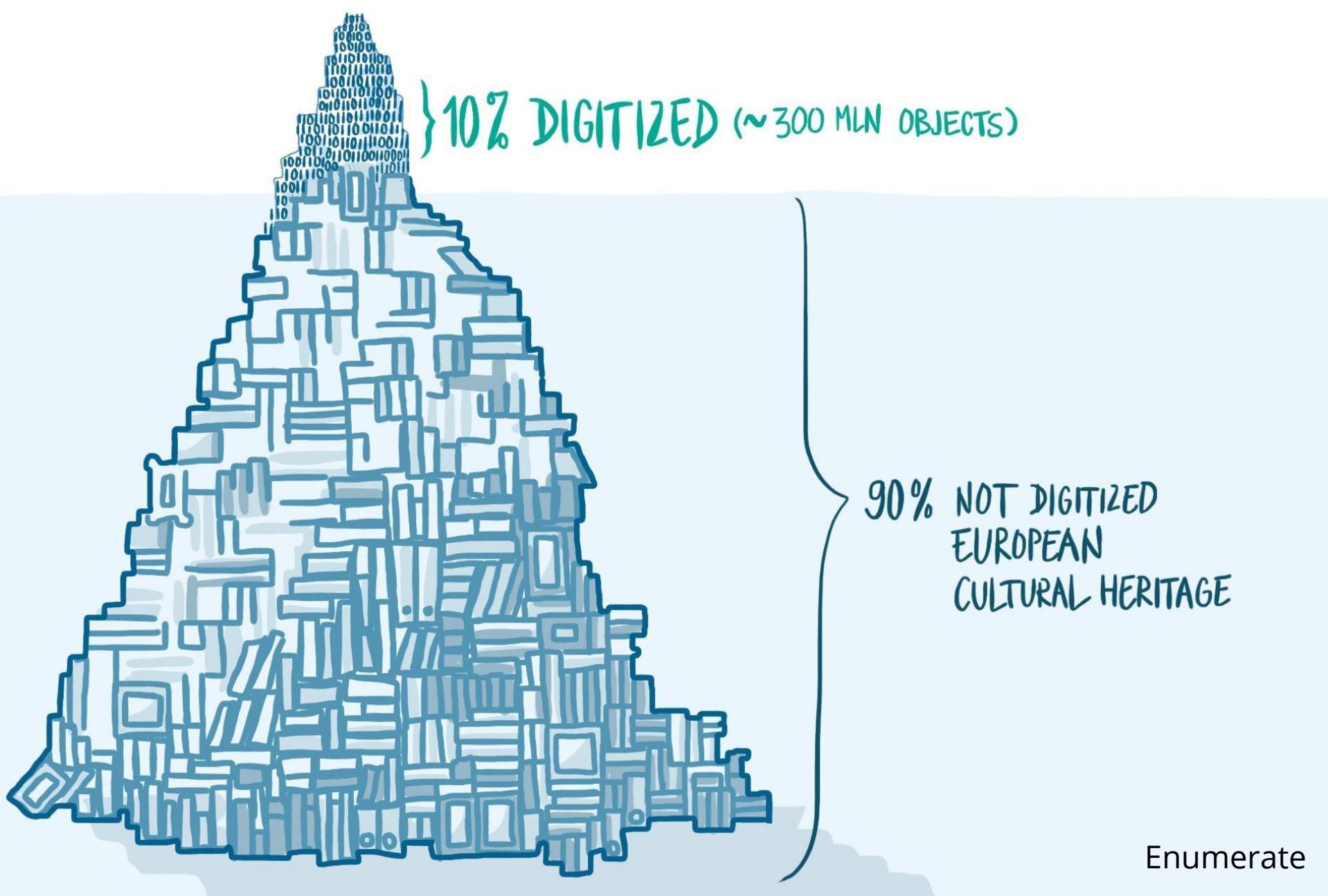
Europeana data partner services
Europeana | CC BY-SA

How do we aggregate data?



Sigurdsristningen
Faith-Ell, Harald
1928

Riksantikvarieämbetet
Public Domain Marked



Enumerate

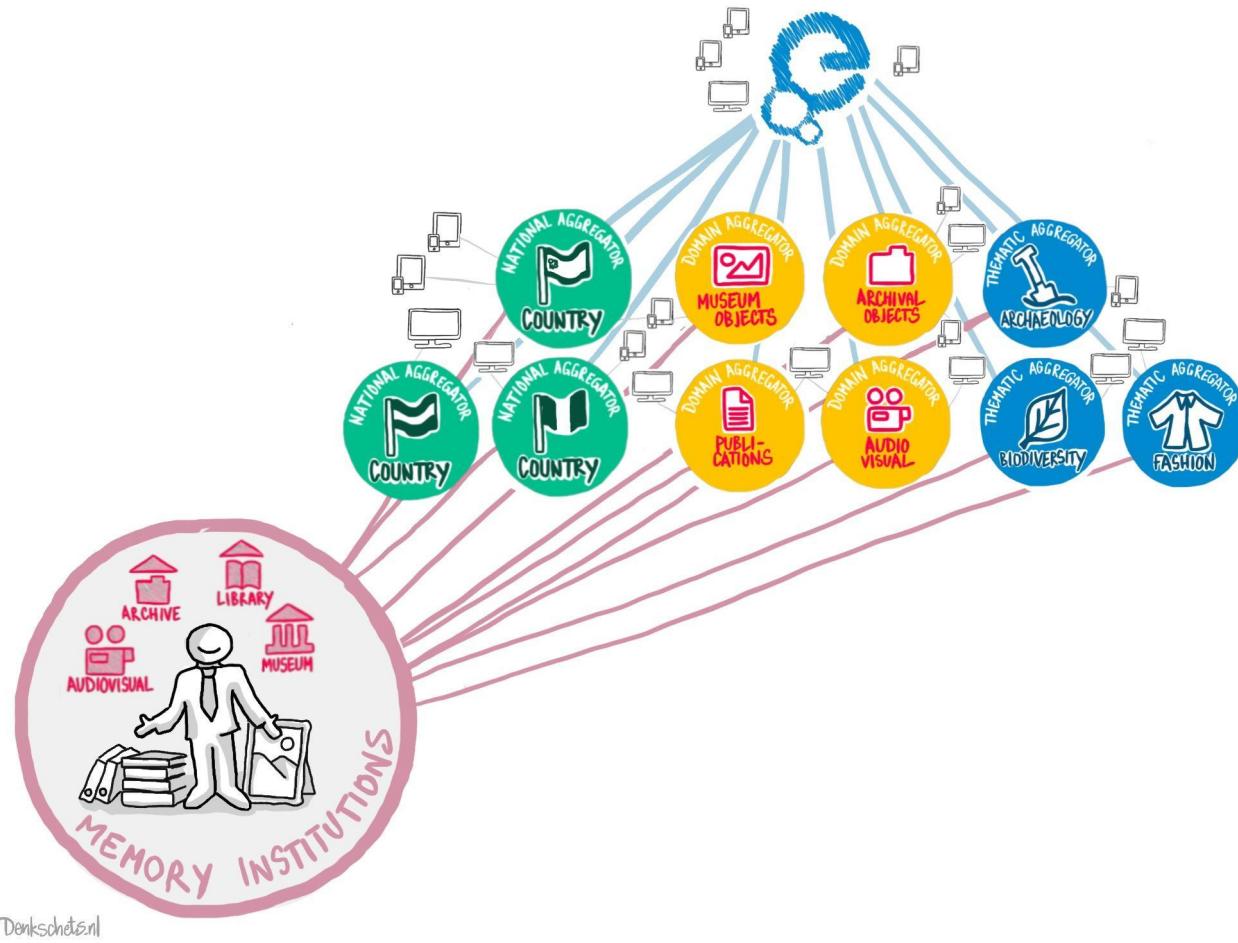


THERE IS MORE DATA OUT THERE THAN WE COULD POSSIBLY HANDLE IN A MEANINGFUL WAY

The birth of Adonis and
the transformation of Myrrha
Luigi Garzi

The Wellcome Library
United Kingdom, CC BY

Aggregation



[Europeana aggregation infrastructure](#)
Europeana | CC BY-SA

Guidelines & Strategy

- Content Strategy
- Publishing Framework
- Licensing Framework
 - Data Exchange Agreement (DEA)
- Publishing Guide
- EDM documentation

Mummy mask
Medelhavsmuseet
CC BY





EUROPEANA CONTENT STRATEGY: “GET THE RIGHT CONTENT TO THE RIGHT USER AT THE RIGHT TIME”

(Content Strategy Alliance definition of content strategy)

Twee monsters bereden door apen en
Groteske figuren omgeven door een kaderlijn

Arent van Bolten

c.1604-c.1616, Rijksmuseum
Netherlands, Public Domain

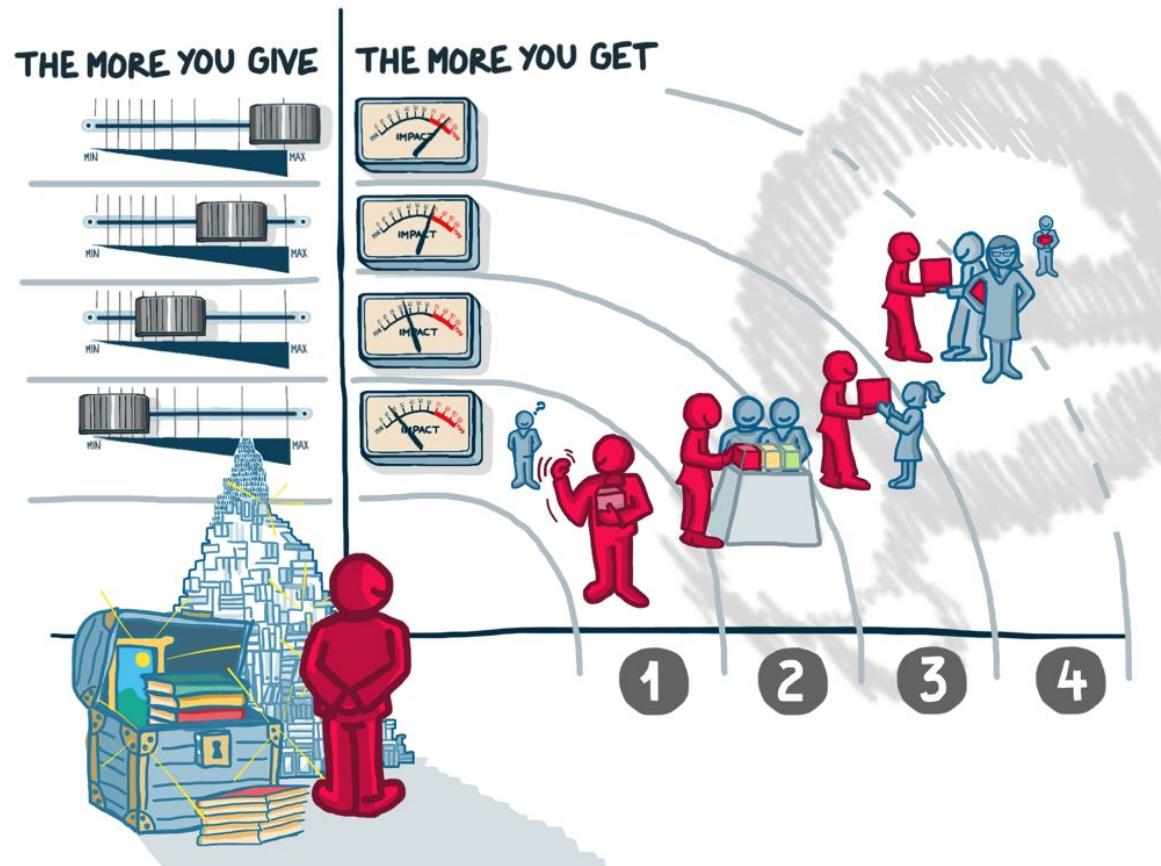
Content Strategy

The principles

- Quality instead of quantity
- Demand driven content acquisition and publication



Publishing Framework



[Europeana Publishing Framework](#)
Europeana | CC BY-SA

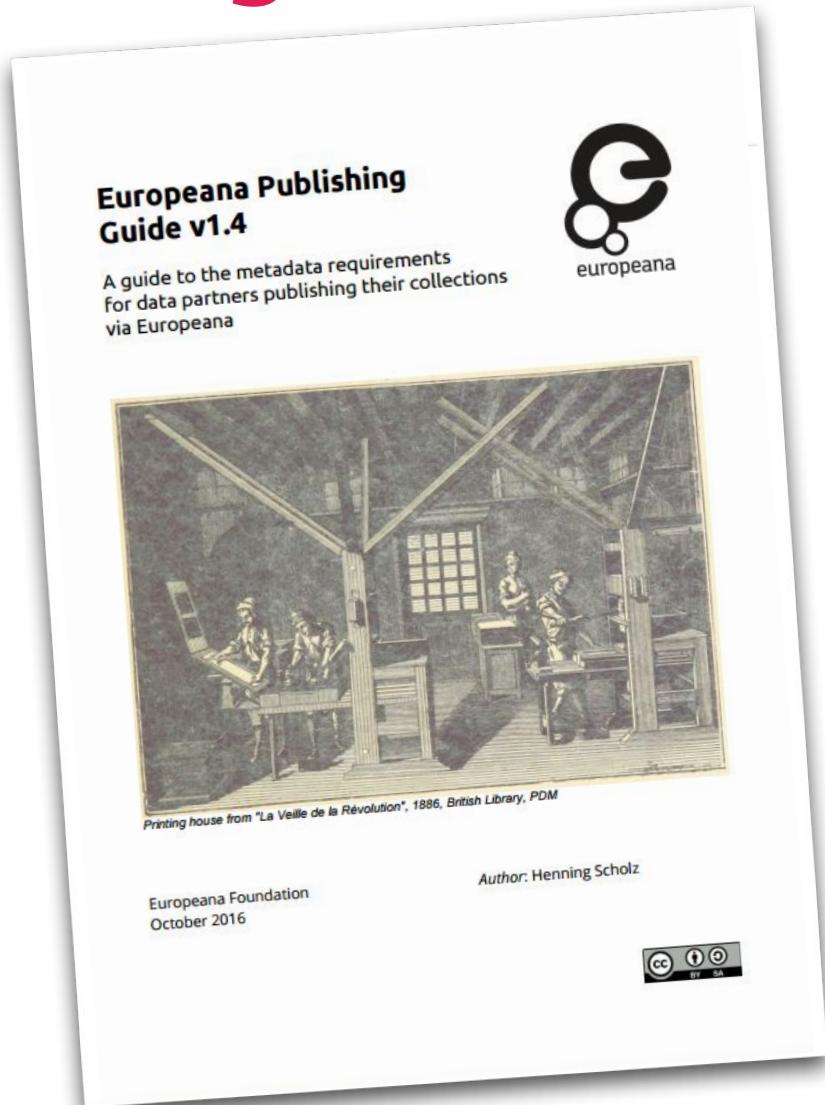
Europeana Publishing Framework

TIER	DIRECT LINK TO OBJECT PROVIDED	RIGHTS STATEMENTS	EUROPEANA API DISPLAYS	BENEFITS (CUMULATIVE)
1 Europeana as a search engine. <i>'I want people to find my collections'</i>	No	Any	Metadata, no direct link to object	Findability - indexed by search engines, linked data technology Web traffic - click-throughs to your site Analytics - from our statistics dashboard
2 Europeana as a showcase. <i>'I want people to find and view my collections on Europeana'</i>	Yes. 800+ pixels wide*	Any	Metadata plus direct link to object	Use in thematic channels - providing context and relation to other collections on Europeana More marketing through Europeana
3 Europeana as a distribution platform for non-commercial re-use. <i>'I want people to find, view and use my collections - but not for commercial gain'</i>	Yes. 1200+ pixels wide*	Must allow some re-use	Metadata plus direct link to object and can filter to show only re-usable objects	Impressions - collections viewed on platforms outside of Europeana Use in Europeana's existing partnerships and projects in e.g. education and research Use in apps and services by third parties
4 Europeana as a free re-use platform. <i>'I want people to find, view and use my content - however they want'</i>	Yes. 1200+ pixels wide*	Must allow free and open access	Metadata plus direct link to object and can filter to show only re-usable	Use on open platforms like Wikimedia Use by creative industry and tourism sectors Use in commercial apps and services

* Applies to objects that are images. For video, audio, text and 3D, please see the Europeana Publishing Framework Appendix.

Europeana Publishing Guide

- How to provide data to Europeana?
- What are the minimal technical criteria?
- How digital objects should be labelled?

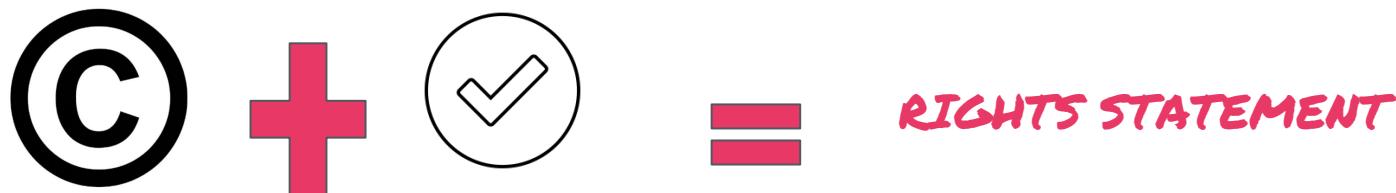


Europeana Licensing Framework

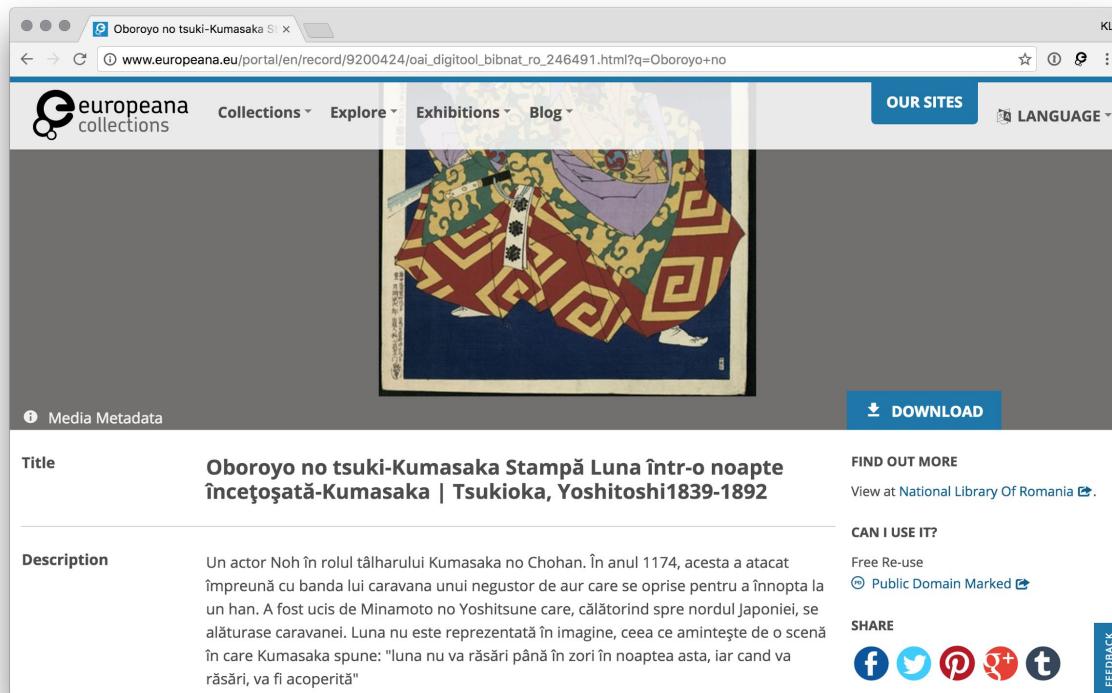
Set of policies and **contracts** that **deal with copyright licensing**

Ensures that **users** of Europeana **are provided with clear information** on what they **can and cannot do** with:

- **metadata** (CC0)
- **digital objects** (14 standardised rights statements)



edm:rights



The screenshot shows a web browser displaying a digital object from the Europeana Collections. The object is a Japanese woodblock print titled "Oboroyo no tsuki-Kumasaka Stampă Luna într-o noapte înceoșată-Kumasaka | Tsukioka, Yoshitoshi 1839-1892". The image depicts a figure in traditional Noh costume, specifically Kumasaka, standing under a full moon. Below the image is a "Media Metadata" section. To the right of the image is a "DOWNLOAD" button. Further down are sections for "FIND OUT MORE" (link to National Library Of Romania) and "CAN I USE IT?" (links for Free Re-use and Public Domain Marked). At the bottom are sharing icons for Facebook, Twitter, Pinterest, Google+, and Tumblr, along with a "FEEDBACK" link.

The **edm:rights** value allows Europeana to display a **rights statement** alongside each digital object that is available via Europeana Collections.

Europeana Data Model (EDM)



OAI-ORE



OWL

- Data model re-uses existing semantic web-based models
- Adopt Semantic Web representation principles (RDF)
- Re-use and mix different vocabularies together
- Allows development of a multilingual data environment

Aggregating the data

```
<dc:title>
    Centralbibliotekarernes vandrebog Spredte træk af de danske folkebibliotekers historie
    1919-24
</dc:title>
<dc:creator>Daugaard, Poul</dc:creator>
<dc:description>
    Article published in: Bibliotekshistorie; BIBLIOTEKSHISTORIE 2
</dc:description>
<dc:description>
    Det var på landsudstillingen i Århus 1909, at overbibliotekar H. O. Lange holdt sit i
    bibliotekskredse berømte foredrag om Bibliotekssagen udenfor København} Han
    hævdede heri, at biblioteksvæsenet i Danmark burde være et organisk
    sammenhængende hele, og han sagde bl.a.: »Bibliotekssagen trænger til Organisation,
    og dette vil sige, at der maa skabes en Række aktive Centra, hver med sit Opland, i
    fast organiseret Samarbejde med de lokale Folkebogsamlinger til den ene og med de
    videnskabelige Biblioteker til den anden Side. Det vil være baade naturligt og
    formaalstjenligt at holde sig til en i det daglige Liv saa velkendt administrativ Inddeling
    som Amterne, saa at hvert af vore 18 Amter faar sit offentlige Centralbibliotek.
</dc:description>
<dc:type xml:lang="en">text</dc:type>
<dc:publisher>Dansk Bibliotekshistorisk Selskab</dc:publisher>
<dc:date>2011</dc:date>
<dc:identifier xsi:type="dcterms:URI">
    https://tidsskrift.dk/index.php/bibliotekshistorie/article/view/318
</dc:identifier>
<dc:language xmlns="http://www.w3.org/1999/xhtml"
xsi:type="dcterms:ISO639-2">dan</dc:language>
<dc:rights>CC BY-NC-ND</dc:rights>
<europeana:object>
    https://tidsskrift.dk/public/journals/10/pageHeaderLogoImage_da_DK.jpg
</europeana:object>
<europeana:provider>DK-National Aggregation Service</europeana:provider>
<europeana:rights>http://creativecommons.org/licenses/by-nc-nd/2.0/</europeana:rig
hts>
<europeana:dataProvider>
    The Royal Library: The National Library of Denmark and Copenhagen University Library
</europeana:dataProvider>
<europeana:isShownBy>
    https://tidsskrift.dk/index.php/bibliotekshistorie/article/view/318
</europeana:isShownBy>
</record>
```





Media Metadata

Titel	Die Malkunst Johannes Vermeer van Delft
Omschrijving	With his depiction of the painter in his studio, Vermeer turns this genre painting into an allegory of the art of painting. His model is posing as Clio, the Muse of history, who inspires the painter and proclaims the glory of painting in the old Netherlands, which she has immortalised in the book of history. The unity of the arts is reflected in the sculpture model, sketchbook and the work in progress on the easel. The map with the 17 provinces of the Netherlands before they were divided into north and south is a reference to a land that had always owed its fame to the art of painting.
Personen	Van: Johannes Vermeer van Delft
Categorieën	Type: Gemälde Medium: Leinwand

MEER
De bron van ([Museum](#))
Informatie

KAN IK HET
No Re-use
In Copyright

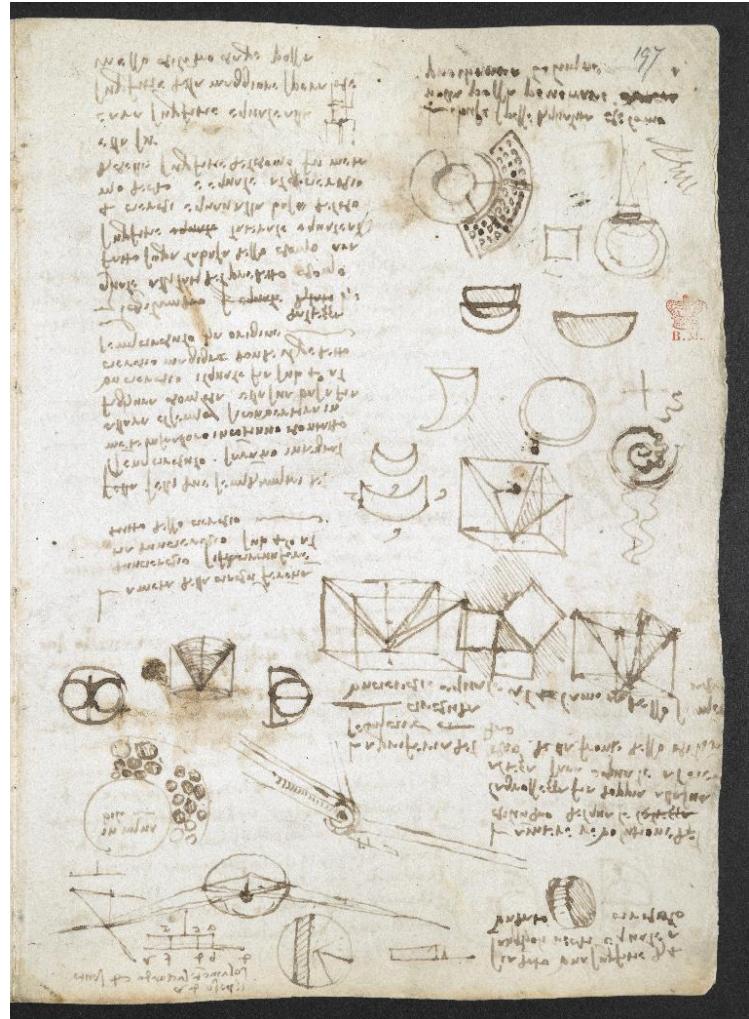
DEEL

Enriching the data

- Fetching of information from links to external resources (Getty AAT, Iconclass, etc.)
- Enrichment with (among others) DBpedia, Geonames entities based on named entity recognition

f. 198v, displayed as an open bifolium with f. 197:
diagrams from BL Arundel 263

Leonardo da Vinci
1478 - 1518, British Library
Public Domain Marked





ⓘ Technical metadata

Title

A man building a wig on to the head of a woman on a kind of

Entities

SUBJECTS, RESOURCE TYPES, GENRES AND FORMS (CONCEPTS) ▾

CONCEPT TERM

<http://dbpedia.org/resource/Costume>

CONCEPT LABEL

["Kostyum"] (az); ["Janzkera"] (eu); ["Kostyme"] (no); [زنی] (ar); ["Kostiumas"] (lt); [תלבושת] (he); ["Traje"] (pt); ["Kostium"] (pl); ["Costume"] (fr); ["Носия"] (bg); ["Dräkt"] (sv); ["Costume"] (en); ["衣装"] (ja); ["Kostuum"] (nl);

CONCEPT TERM

<http://dbpedia.org/resource/Fashion>

CONCEPT LABEL

["Mode"] (de); ["時裝"] (zh); ["Moda"] (it); ["Moda (styl)"] (pl); ["Moda"] (pt); ["Mode (habillement)"] (fr); ["Mode"] (sv); ["Fashion"] (en); ["Мода"] (ru); ["Moda"] (es); ["ファッション"] (ja); ["Mode"] (nl);

Metadata quality



Media Metadata



Title

Unknown and Unknown | Unknown

FIND OUT MORE

[View at University Of E](#)

Unknown

CAN I USE IT?

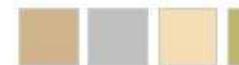
Free Re-use

CC BY

Description

Call Number - 0013012

EXPLORE BY COLOUR

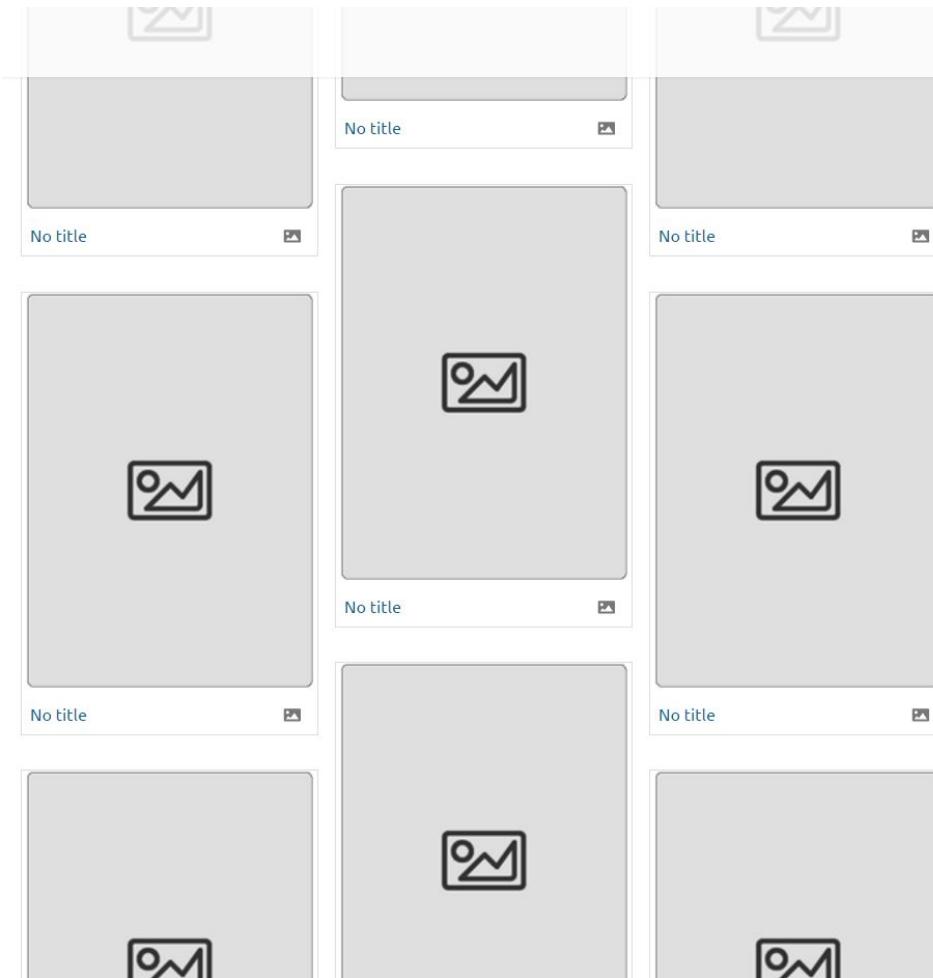


People

Creator: Unknown

SHARE

Metadata quality - broken links



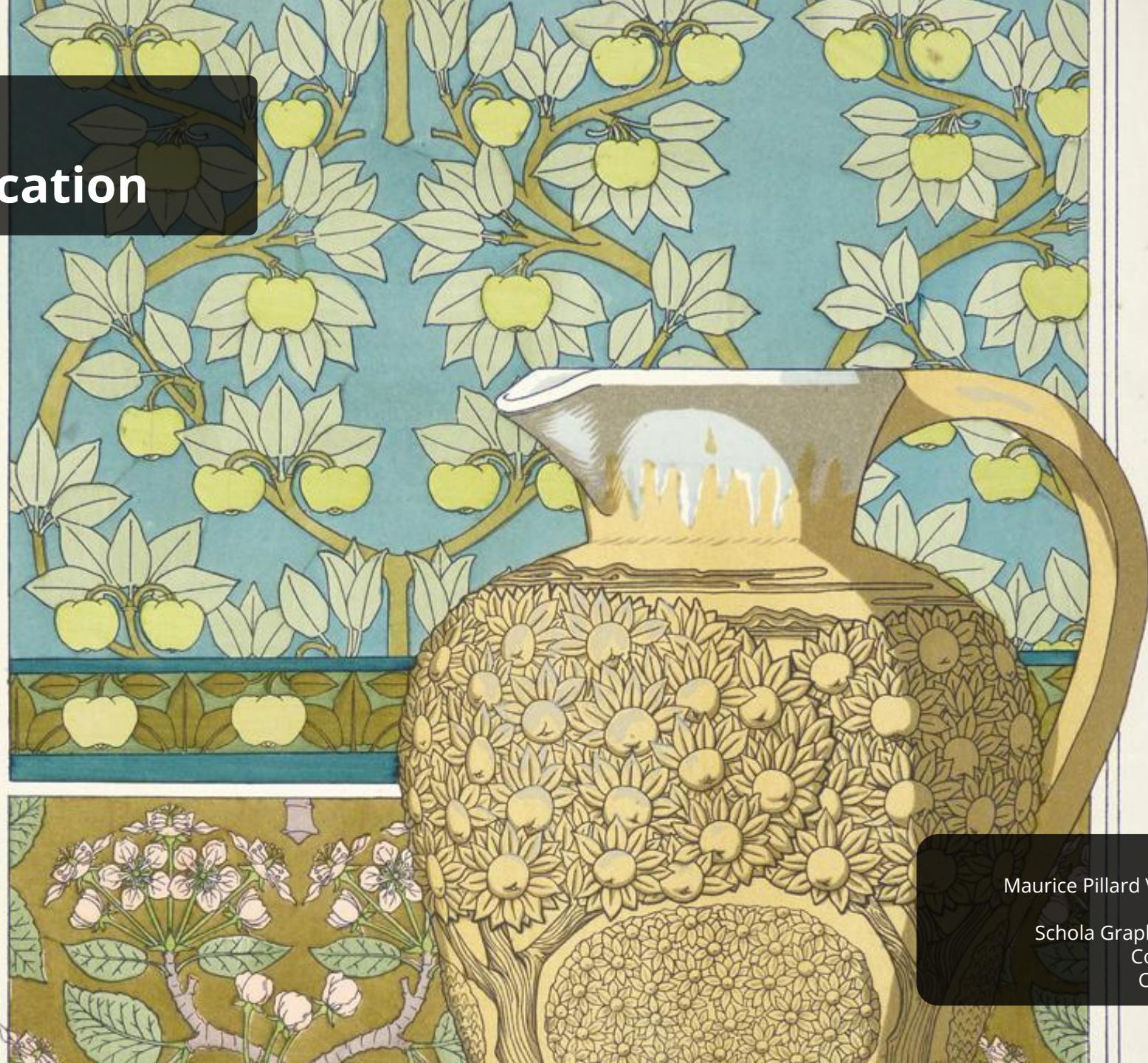
Improvements

- More meaningful metadata (either from the source or cleaning)
- Increased amount of conceptual entities and agents
- More use of dereferenceable LOD vocabularies (f.e. Getty AAT)
- Use of language attributes for literal values
- More spatial information
- Normalisation of dates

Paar gouden 'wisselbellen', Noord-Beveland, 1880-1890
1880/1890, Nederlands Openluchtmuseum
Netherlands, CC BY

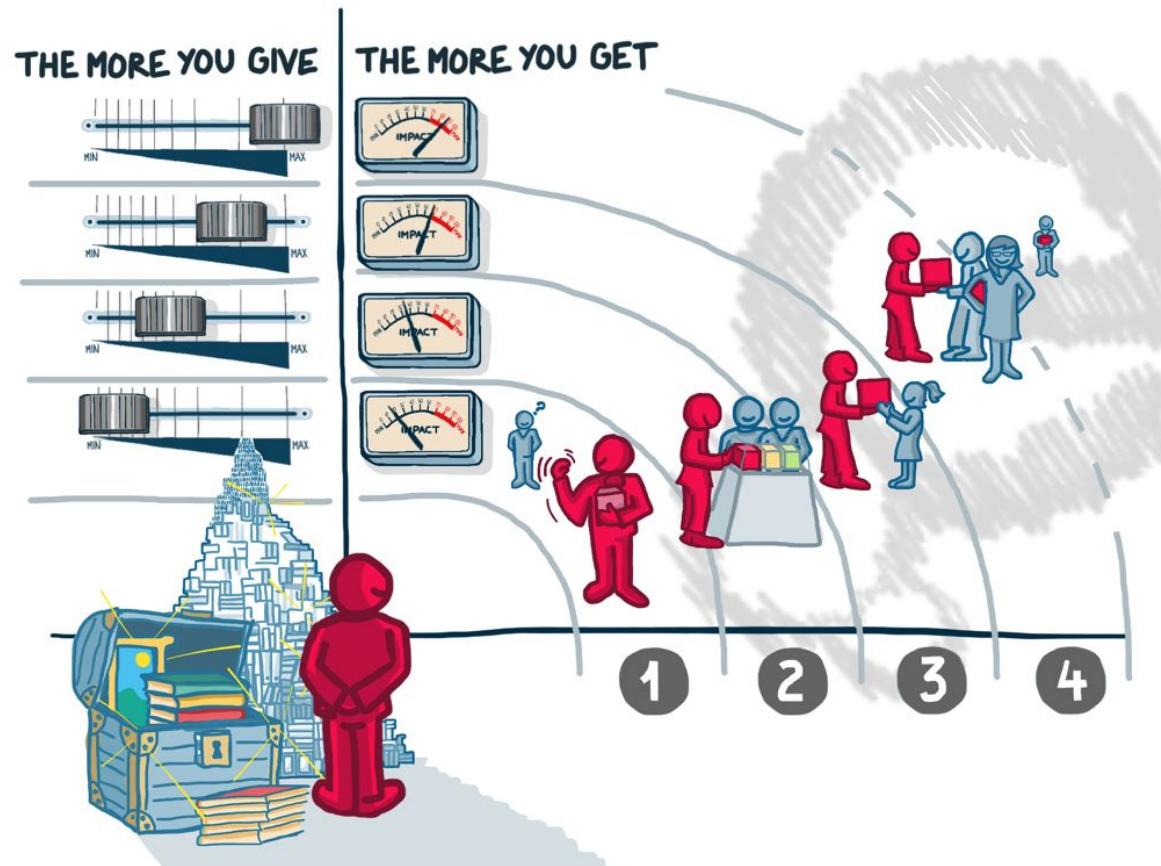


After
publication



Apple
Maurice Pillard Verneuil
1896
Schola Graphidis Art
Collection
CC BY-SA

Publishing Framework



[Europeana Publishing Framework](#)
Europeana | CC BY-SA

Thematic collections



[Sammlungen](#) [Durchsuchen](#) [Ausstellungen](#) [Blog](#)

test.npc.eanadev.org/portal/search?q=%2A%3A%2A EN

SPRACHE ▾

[Zurück zur Startseite](#) / [Europeana Art](#)

The background of the page features a large, ornate painting by Alphonse Mucha titled 'Aurora and Twilight'. The painting depicts a woman with long, flowing hair in profile, looking towards a setting sun. The scene is filled with soft, warm colors and intricate patterns, typical of Mucha's Art Nouveau style.

EUROPEANA ART

Fügen Sie einen Suchbegriff ein Erkunden

Durchsuchen Sie 1,395,231 Gemälde, Zeichnungen, Drucke und andere Kunstwerke aus ganz Europa .

Aurora and Twilight, Alphonse Mucha
Bibliothèque nationale de France
© Public Domain

[Europeana Art Collections](#)
Europeana | CC BY-SA

Thematic collections



Collections ▾ Explore ▾ Exhibitions ▾ Blog ▾

OUR SITES

LANGUAGE ▾

Return to Home / Europeana Music

The search interface includes:

- A search bar with placeholder text "Add a search term".
- A blue search button with a magnifying glass icon.
- A black "Browse" button with a dropdown arrow.
- A text overlay: "Explore 364,668 music recordings, pieces of sheet music and other music items from across Europe."
- A small box in the bottom right corner: "Extract from page 47 of Berg's Lyric Suite manuscript, Austrian National Library, Public Domain".



Alban Berg



Arnold Schoenberg



Anton Webern

Thematic collections

BETA

collections

Collections Explore Exhibitions Blog

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Return to Home / Europeana Fashion

EUROPEANA FASHION

Add a search term

Browse

Discover 815,943 historical dresses, accessories and catwalk photographs from across Europe.

Penelope: Nyaste journal för damer 1850,
Stiftelsen Nordiska Museet
Public Domain

Paul Poiret

Balenciaga

Madeleine Vionnet

FEEDBACK

Exhibitions & Galleries

BETA  europeana collections Collections Explore Exhibitions Blog OUR SITES LANGUAGE

[Return to Home](#) / Exhibitions

FAACES OF EUROPE
Europe's favorite artworks combined into one exhibition!



RUDOLPH II AS VERTUMNUS (c. 1590-1591), GIUSEPPE ARCIIMBOLDO
SKOKLOSTERS SLOTT
© PUBLIC DOMAIN

EUROPEANA280
Scroll down to view all our exhibitions!

ART HISTORY
FAACES OF EUROPE: 6. PAINTING MODERN LIVES

ART HISTORY
FAACES OF EUROPE: 5. ACADEMIC ART AND NEW DIRECTIONS

ART HISTORY
FAACES OF EUROPE: 4. THE INSPIRATION OF NATURE

ART HISTORY
FAACES OF EUROPE: 3. REVOLUTION AND WAR

[Europeana exhibitions homepage](#)
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Our reuse audiences



- Education
- Creative industries
- Research - Digital humanities research
 - APIs
 - Curated datasets
 - Challenges
 - Matchfunding
 - Research Grants
 - Partnerships with networks



Surprenante amitié : Minnie Chat et Mike
souris blanche dans une tendre attitude
Acme Newspicture (Agence de presse). Agence
photographique
1932, National Library of France
France, Public Domain



europeana

#AllezCulture

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8 March 2018