



europeana

EUROPEANA

FROM PORTAL TO PLATFORM TO
THE DATA SPACE FOR CULTURAL
HERITAGE

Henning Scholz



A blue-toned engraving of a coastal landscape. In the foreground on the left, a large, detailed tree stands on a rocky outcrop. In the middle ground, a body of water reflects the sky, with a small boat visible on the right. In the background, a range of mountains with jagged peaks is visible under a sky with horizontal hatching. The overall style is that of a 19th-century engraving.

WHO WE ARE

BRIEF HISTORY

- In 2005, a letter signed by French President Jacques Chirac and five other heads of state asked European Union officials to support the development of a European digital library
- Europeana prototype went live on 20 Nov 2008 (4.5 million objects)
- In January 2011, the European Commission released its 'New Renaissance' report which endorsed Europeana as 'the central reference point for Europe's online cultural heritage'.
- In September 2012 Europeana metadata was released under the terms of the Creative Commons CC0 1.0 Universal Public Domain Dedication
- In May 2015, Europeana became one of the European Commission's Digital Service Infrastructures (DSI)

RECOMMENDATIONS

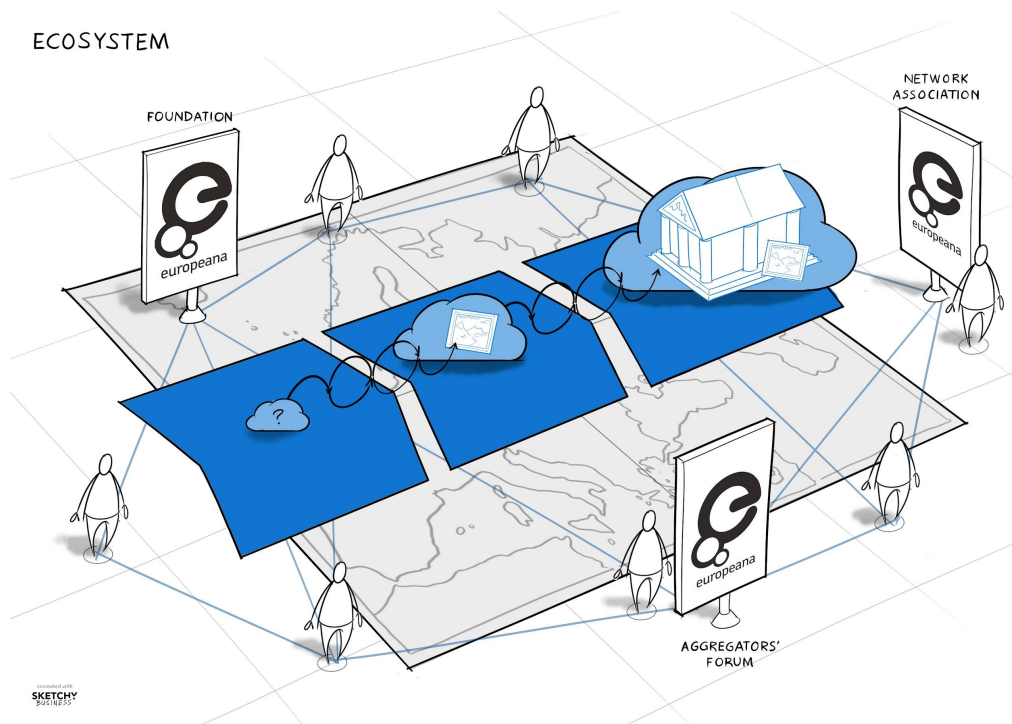
"Digitise in 3D all monuments and sites (at risk) and 50% of all monuments and sites that are most visited"

"Member States should ...support and raise awareness of Europeana among the general public and particularly in the education sector and schools"

"All public funding for future digitisation ...should be made conditional upon making digitised content available in Europeana and the data space"

EUROPEANA INITIATIVE

Three organisations with different experts and experience make up the Europeana Initiative.



60+ staff

3,500 members
from all countries
of Europe

40 regional,
national, domain
and thematic
aggregators

c.4,000 museums,
libraries and
archives

27 Member States
(CEDCHE)

European
Commission

AGGREGATION

AGGREGATION

- the act of putting together different items, amounts, etc. into a single group or total (Oxford)
- the collecting of units or parts into a mass or whole (Mirriam-Webster)

AGGREGATION...

...IN A NUTSHELL



AGGREGATION

Since 2008 we put together more than 62 million different items across all data quality layers into a single database (europeana.eu)

The screenshot displays the Europeana website interface. At the top right, navigation links include HOME, COLLECTIONS, STORIES, and LOG IN / JOIN. A search icon is also present. Below the navigation, the page shows a grid of 8 items, each with a thumbnail image, a title, a brief description, and the source institution (The Hunt Museum). The items are:

- The Antrim Cross**: The Hunt Museum, as part of the Art of Reading in the Middle Ages project.
- Cockerel signifying St Peter- Staff-head**: The Hunt Museum as part of the Art of Reading in the Middle Ages project.
- Madonna staff-mount**: The Hunt Museum as part of the Art of Reading in the Middle Ages project.
- Figure Sculpture (Sedes Sapentia)**: The Hunt Museum, as part of the Art of Reading in the Middle Ages project.
- Earthenware Oil Lamp**: The Hunt Museum as part of the Art of Reading in the Middle Ages project.
- Stone Inkwell**: The Hunt Museum, as part of the Art of Reading in the Middle Ages project.
- Bronze Corpus**: The Hunt Museum, as part of the Art of Reading in the Middle Ages project.
- Ivory Gyldesteen reliquary cross**: The Hunt Museum, as part of the Art of Reading in the Middle Ages project.

On the right side of the page, there is a search filter sidebar. It shows a total of 62,599,176 items and a RESET button. The filters include:

- THEME**: Select a theme
- TYPE OF MEDIA**: Select types of media
- CAN I USE THIS?**: Select whether you can use this
- PROVIDING COUNTRY**: Select providing countries
- LANGUAGE**: Select languages
- AGGREGATOR**: Select aggregators
- INSTITUTION**: Select institutions
- COLOUR**: Select colours

Digital transformation is both the process and the result of using digital technology to transform how an organisation operates and delivers value. It helps an organisation to thrive, fulfil its mission and meet the needs of its stakeholders. It enables cultural heritage institutions to contribute to the transformation of a sector powered by digital and a Europe powered by culture.

HOW DOES THIS WORK?

DIGITISATION

METADATA & CONTENT

- Digital cataloguing to capture metadata
- Digitising objects

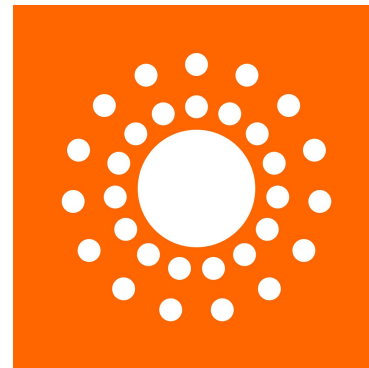


Digitize - Museum für Naturkunde - (c) Thomas Rosenthal

METADATA

OUR LIFEBLOOD

- Dublin Core
- Marc21
- LIDO
- EAD
- EFG data model
- ABCDE
- Darwin Core
- ...



METADATA

Europeana Data Model
(EDM) ...

... connecting the data
about an object with
the object



METADATA

MAPPING...

... transforming metadata from one schema to another (EDM) requires tools, expertise & support.



TRUSTED PARTNER



Culture in
the digital public space















Ο πολιτισμός στον
ψηφιακό δημόσιο χώρο

AGGREGATOR

13 DOMAIN & THEMATIC AGGREGATORS



Europeana
aggregators
forum

 <p>CARARE</p> <p>ARCHAEOLOGY</p> LEARN MORE	 <p>Archives Portal Europe</p> <p>ARCHIVAL FINDING AIDS AND INVENTORIES</p> LEARN MORE	 <p>Europeana Sounds</p> <p>AUDIO HERITAGE</p> LEARN MORE	 <p>EUscreen</p> <p>AUDIOVISUAL HERITAGE</p> LEARN MORE
 <p>European Fashion Heritage Association</p> <p>FASHION HERITAGE</p> LEARN MORE	 <p>The European Film Gateway</p> <p>FILM HERITAGE</p> LEARN MORE	 <p>Jewish Heritage Network</p> <p>JEWISH HERITAGE</p> LEARN MORE	 <p>Manuscriptorium</p> <p>MANUSCRIPTS</p> LEARN MORE
 <p>MUSEU</p> <p>MUSEUM COLLECTIONS</p> LEARN MORE	 <p>MIMO - Musical Instrument Museums Online</p> <p>MUSICAL HERITAGE</p> LEARN MORE	 <p>OpenUp!</p> <p>NATURAL HISTORY</p> LEARN MORE	 <p>PHOTO CONSORTIUM</p> <p>PHOTOGRAPHY</p> LEARN MORE

AGGREGATOR

27 NATIONAL AGGREGATORS



Europeana Local Austria

AUSTRIA

[LEARN MORE](#)



Kulturpool

AUSTRIA

[LEARN MORE](#)



Erfgoedplus.be

BELGIUM

[LEARN MORE](#)



Public Library Pencho
Slaveykov, Varna

BULGARIA

[LEARN MORE](#)



Ministry of Culture of the
Republic of Croatia

CROATIA

[LEARN MORE](#)



Cyprus Ministry of
Education, Culture, Sport
and Youth

CYPRUS

[LEARN MORE](#)



Czech Digital Library

CZECH REPUBLIC

[LEARN MORE](#)



Estonian e-Repository and
Conservation of Collections

ESTONIA

[LEARN MORE](#)



National Library of Finland

FINLAND

[LEARN MORE](#)



Gallica

FRANCE

[LEARN MORE](#)



Moteur Collections

FRANCE

[LEARN MORE](#)



German Digital Library

GERMANY

[LEARN MORE](#)

AGGREGATOR

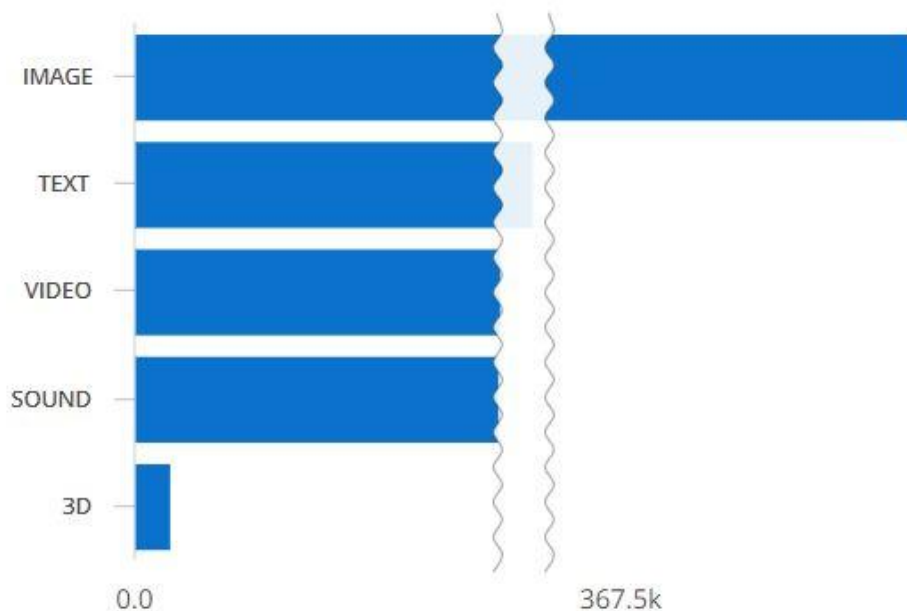
8 AGGREGATORS IN
DEVELOPMENT



europæana
aggregators
forum



GREEK CONTENT IN EUROPEANA



Top Type

IMAGE

Top Type percentage

57.61%

Top Type records count

367,836

Total Types

5

Total records in Types

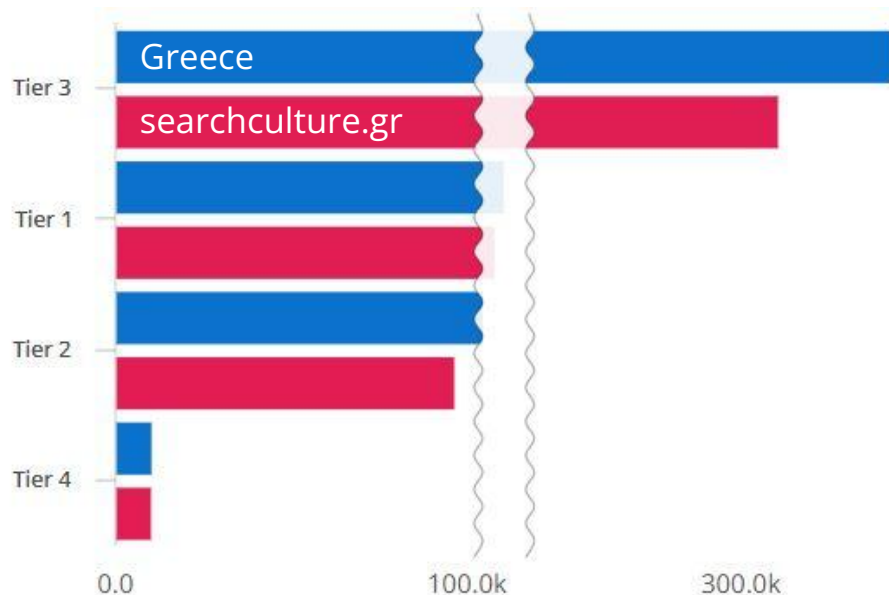
638,446

<https://metis-statistics.europeana.eu/en/data/type?country=Greece>



data statistics
dashboard

GREEK CONTENT IN EUROPEANA



Top Tier

3

Top Tier percentage

53.66%

Top Tier records count

342,611

Total Tiers

4

Total records in Tiers

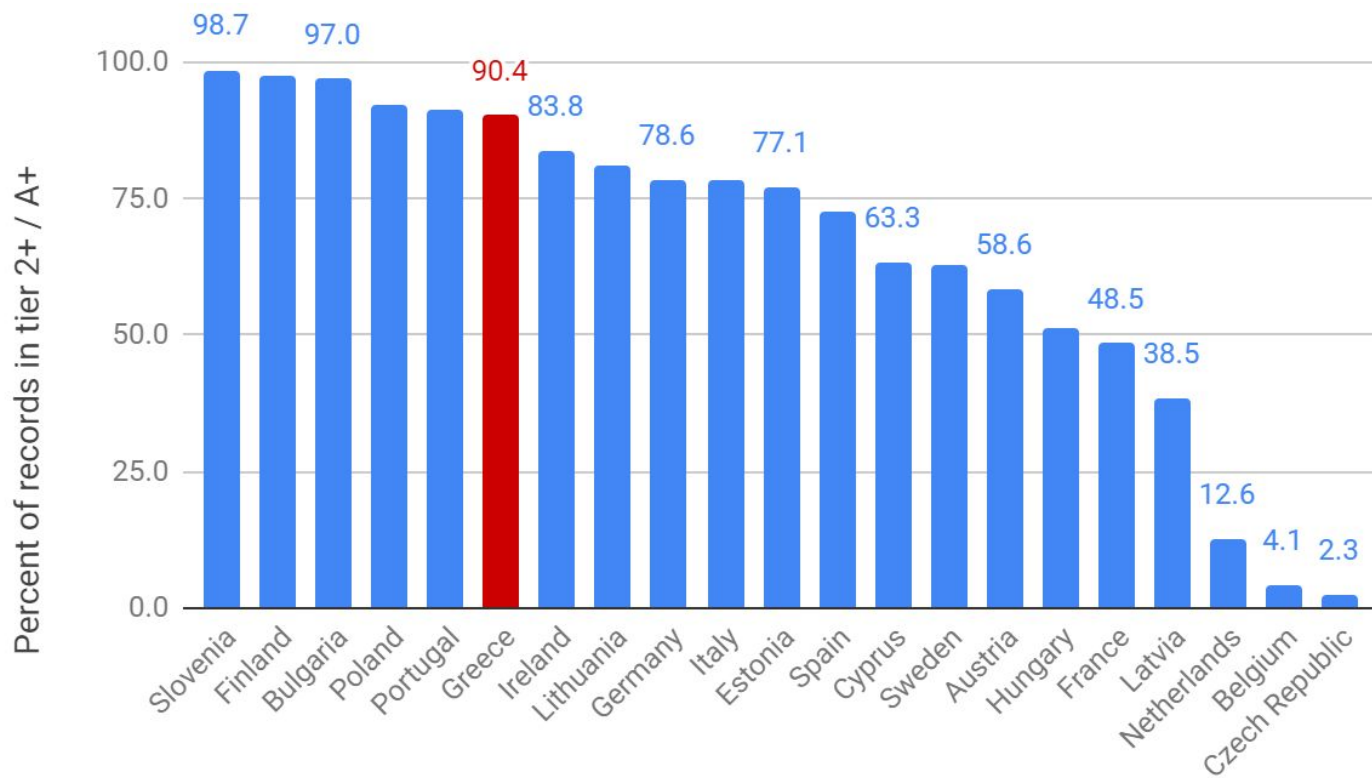
638,446

<https://metis-statistics.europeana.eu/en/data/contentTier?country=Greece>



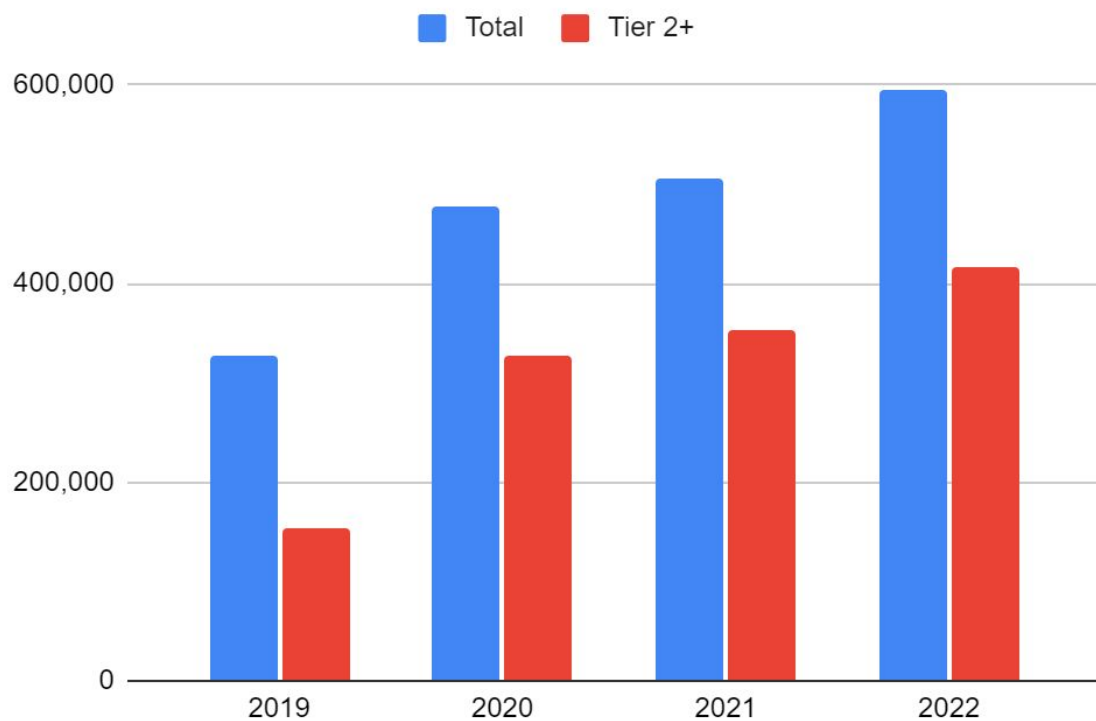
data statistics
dashboard

GREEK CONTENT IN EUROPEANA

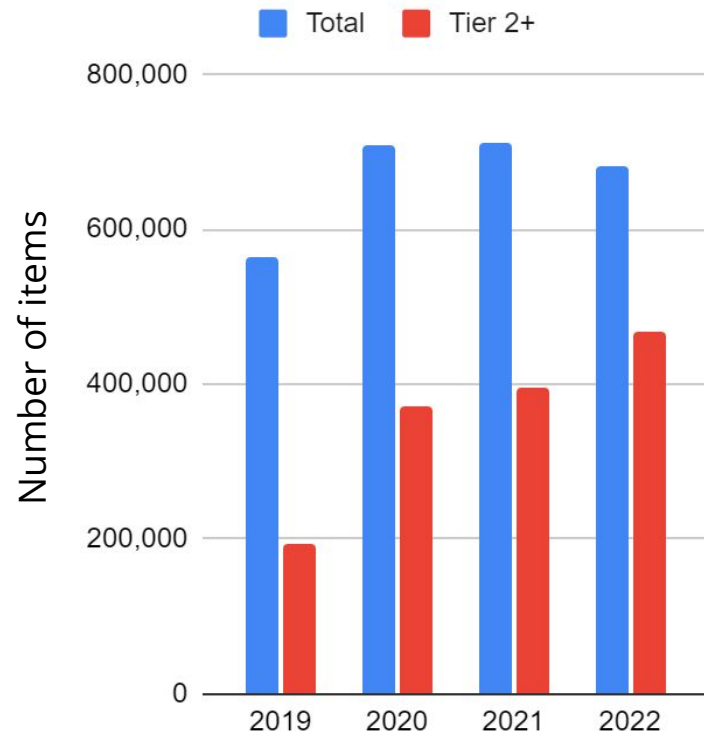


National aggregators in the following countries

GREEK CONTENT IN EUROPEANA



Greek Aggregator SearchCulture.gr | National Documentation Centre (EKT)

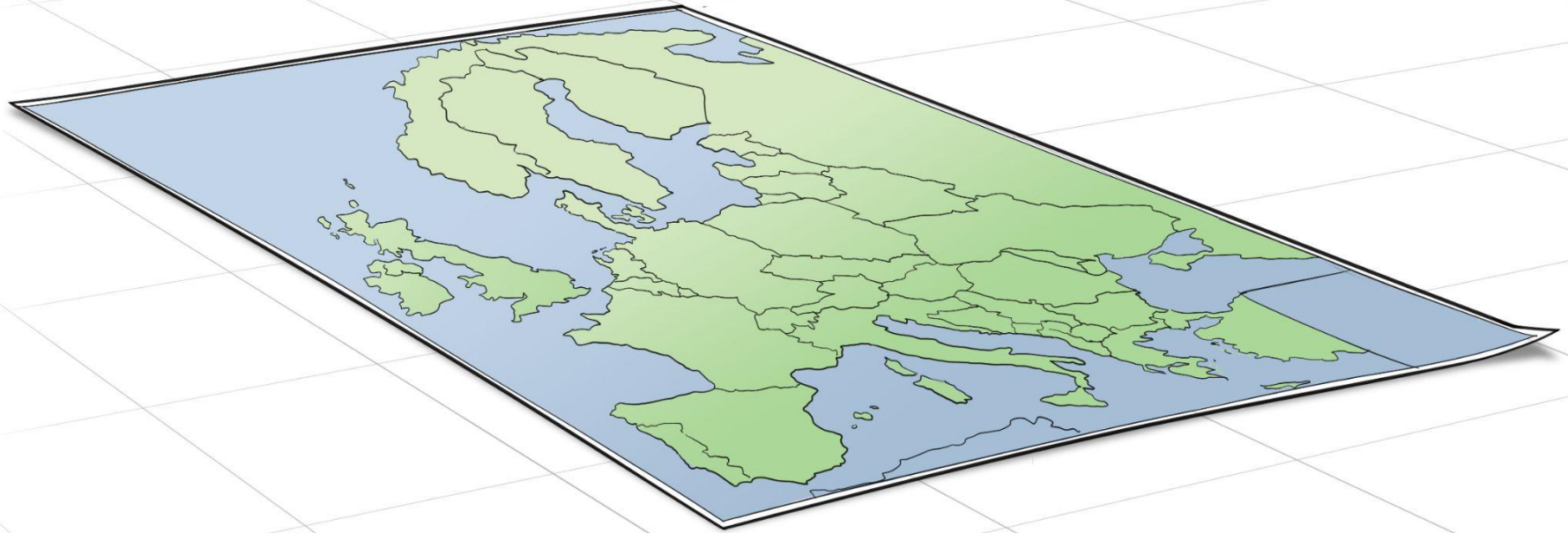


Greece



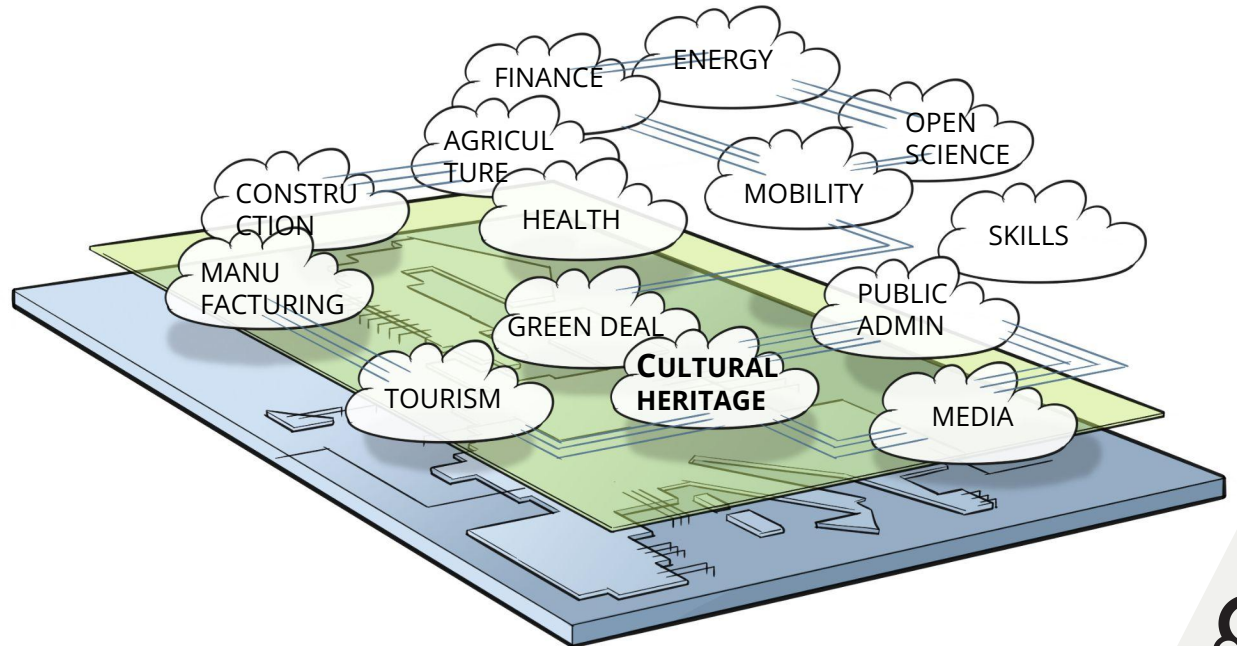
EUROPEANA IN THE DATA SPACE

PORTAL - PLATFORM (DSI) - DATA SPACE



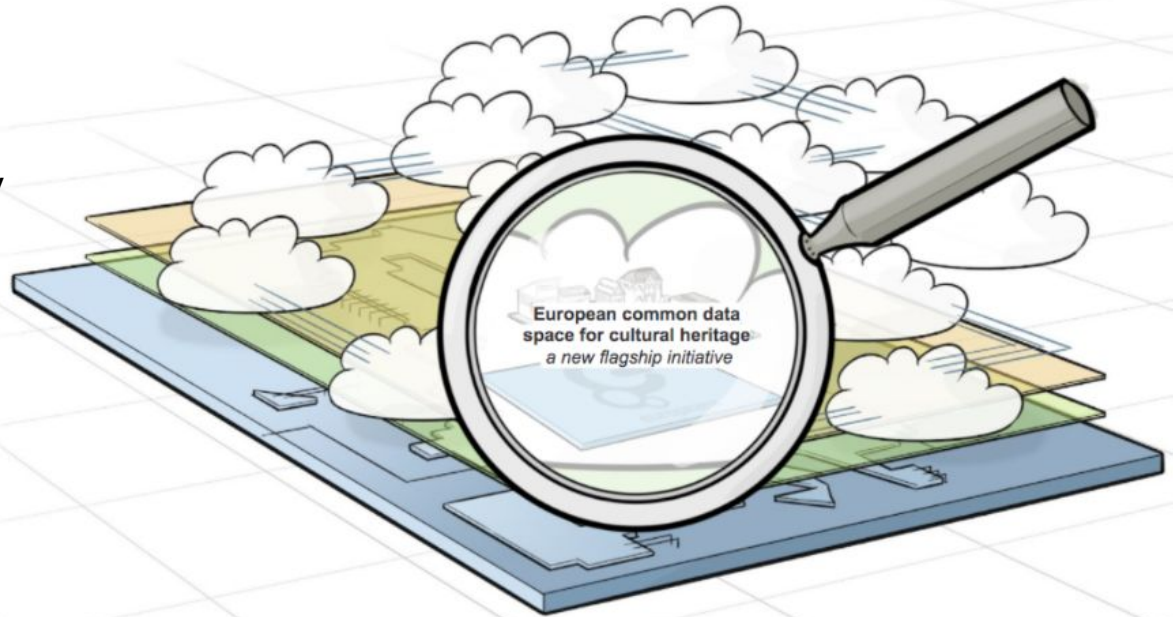
DATA SPACES FOR EUROPE

The European Commission envisions a series of interconnected and well-supported data spaces covering a range of sectors that will deliver new data-driven services, to benefit society and the economy.



DATA SPACE FOR CULTURAL HERITAGE

A common European data space for cultural heritage helps our content to be widely accessible to more individuals, businesses and other sectors, finding ever-increasing uses in creative industries, research, education, tourism and more.



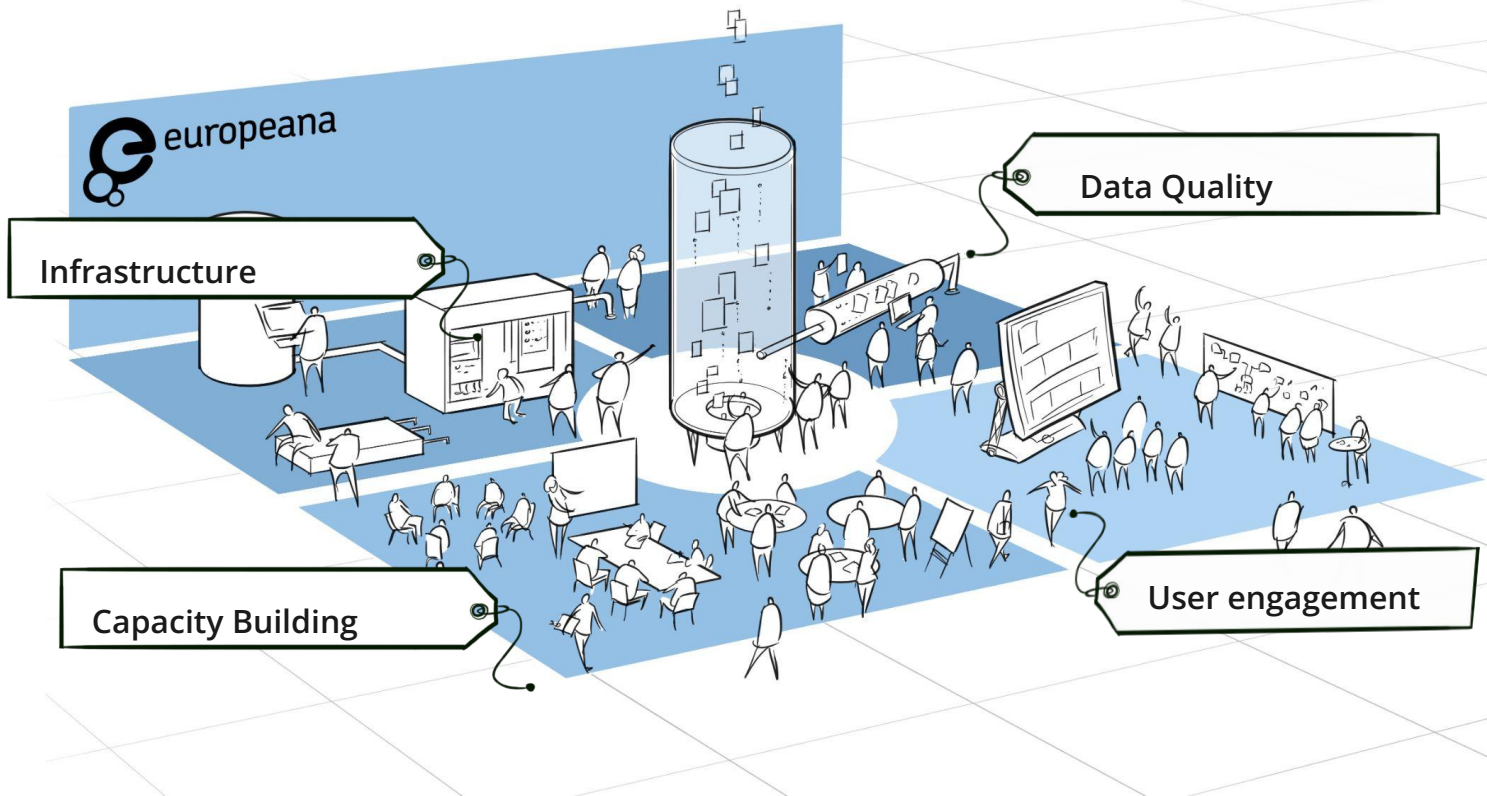
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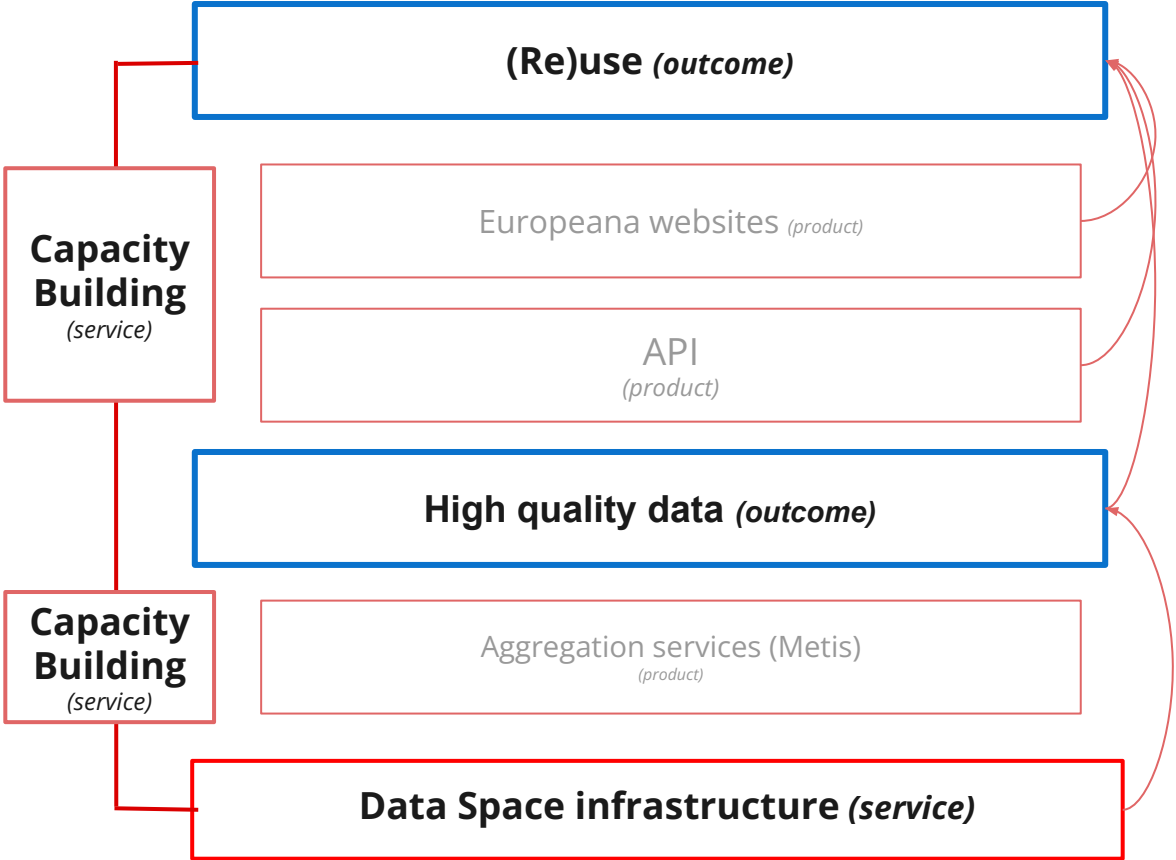
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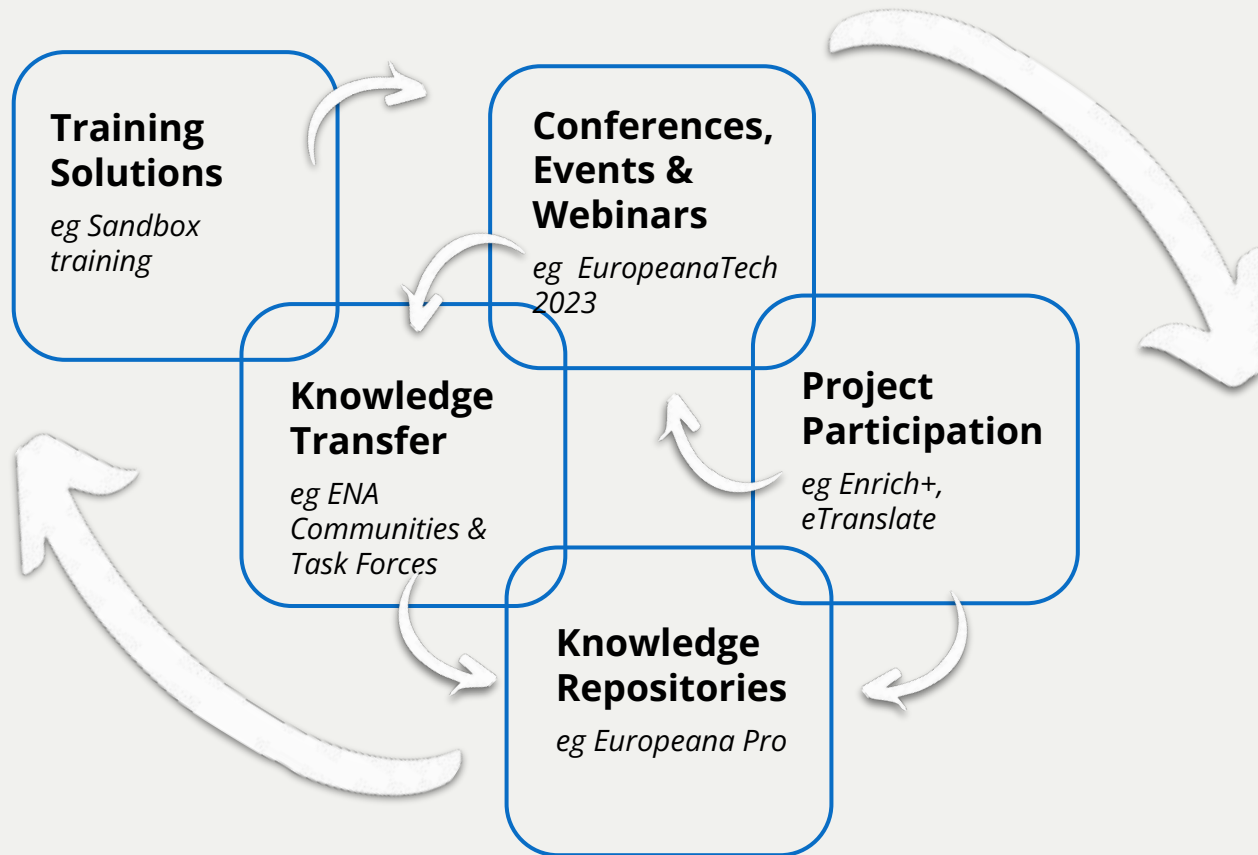
DATA SPACE FOR CULTURAL HERITAGE



SERVICE INFRASTRUCTURE & OUTCOMES



WHAT IS CAPACITY BUILDING



DEVELOP TRAINING COLLABORATIVELY

Training Solutions

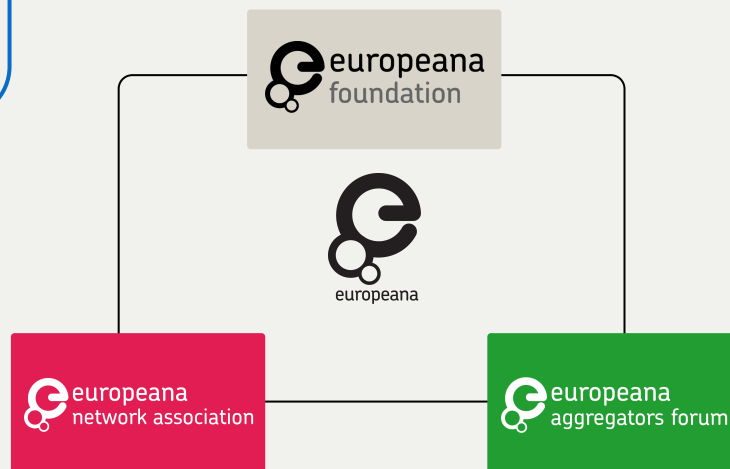
eg Sandbox training

Knowledge Transfer

eg ENA Communities & Task Forces

Knowledge Repositories

eg Europeana Pro



Conferences, Events & Webinars

eg EuropeanaTech 2023

Project Participation

eg Enrich+, eTranslate



<https://pro.europeanana.eu/event/eaf-outreach-event-december2022>

EAFF OUTREACH EVENT


15 DECEMBER 2022 | ONLINE CONFERENCE



europaena



 pro.europeana.eu

 [@EuropeanaEU](https://twitter.com/EuropeanaEU)



FRAMEWORKS