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# Europeana Publishing and Licensing Frameworks

Henning Scholz

Funded by the European Union

Carte des environs de Girone Indiquant la position que les troupes du 7eme. Corps ont occupée, du 9 au décembre 1808, dans leur marche pour faire lever le siége de Barcelonne by Michel , Grabador - 1821 - Virtual Library of Bibliographical Heritage, Spain - CC BY.

# What do you want?

“We would be very happy if you can think about some promotional activities. The publication on the Europeana Pro Blog sounds quite interesting, as well as the idea of a virtual exhibition.”

January 2014

# What do you give?

# What do you get?

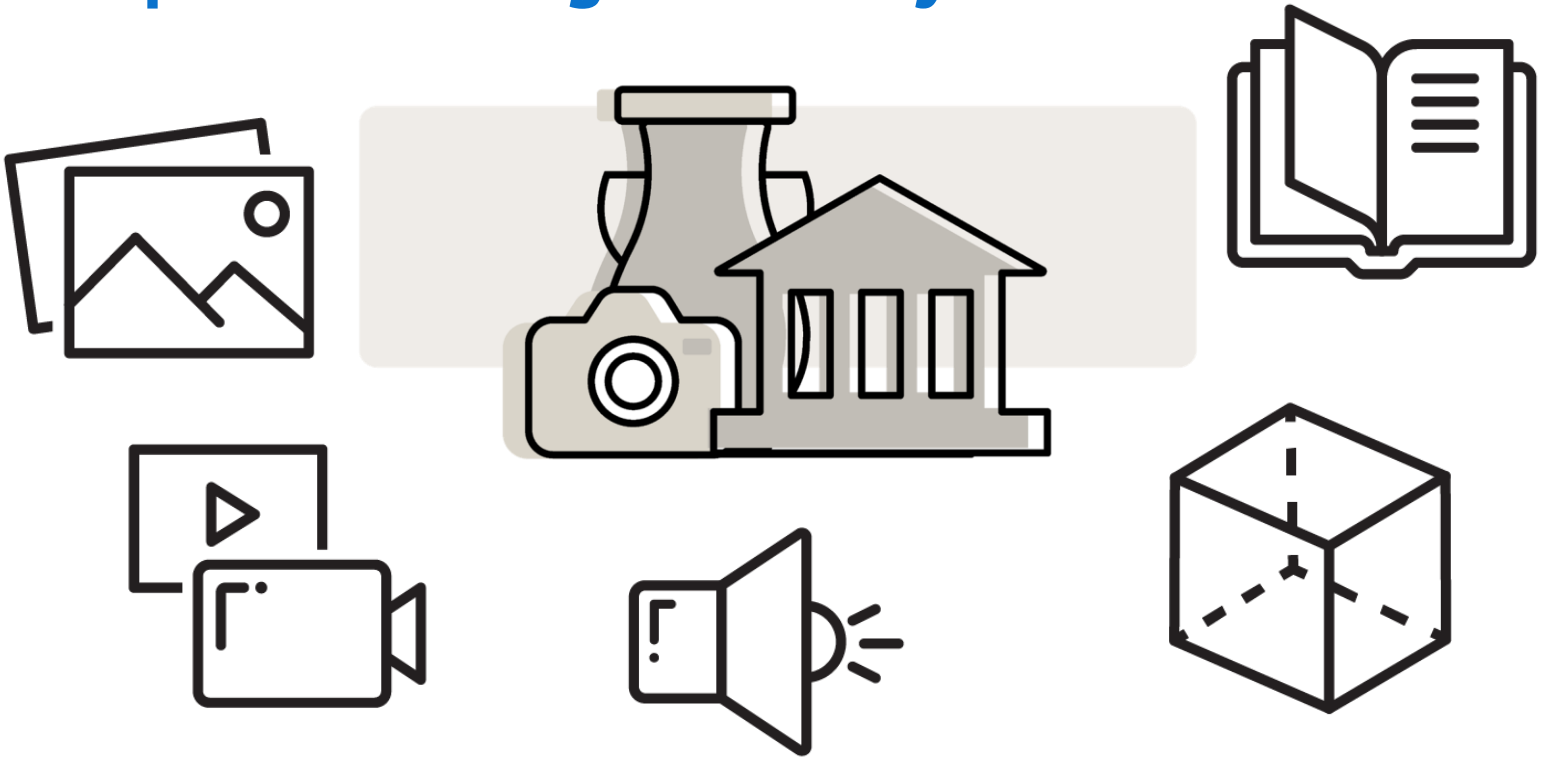
"We would be very happy ... about some
prome... on the
European ... ng, as well
a... ...tion."

January 2014

**SORRY!**

**CURRENTLY NOT POSSIBLE**

# Europeana as a digital library



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# Europeana as a digital library

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# Frameworks and standards

## The Europeana Data Model for Cultural Heritage

### What is the issue?

A vast number of Europe's cultural heritage objects are digitised by a wide range of data providers from the library, museum, archive and audio-visual sectors, and they all use different metadata standards. This data needs to appear in a meaningful way in a cross-cultural, multilingual context such as Europeana. Numerous cultural heritage resources such as thesauri exist worldwide and have the potential to add valuable content at low cost when re-used. Duplication of effort, however, needs to be avoided. The Linked Open Data environment lacks authoritative data from the cultural heritage community to contribute to the development of new knowledge.

### What is the solution?

The Europeana Data Model (EDM) aims to bridge these gaps in the Europeana context. EDM is a major improvement on ESE, Europeana's first data model.

- EDM transcends domain-specific metadata standards, yet accommodates the range and richness of community standards such as LIDO for museums, EAD for archives or METS for digital libraries.
- It facilitates Europeana's participation in the Semantic Web, basing itself on an open, cross-domain, semantic web-based framework.
- EDM is a more developed data model that brings more meaningful links to Europe's cultural heritage data. Data from partners or external information resources with references to persons, places, subjects, etc., will connect to other initiatives and institutions. This will result in sharing enriched content, adding to it and thereby generating more content in ways that no single provider could achieve alone.
- The EDM semantic approach will translate into the richer resource discovery and improved display of more complex data.

### How was EDM developed?

EDM has been developed together with technical experts from the library, museum, archive and audio-visual collection domains. It has been designed to accommodate standards such as DC, EAD and LIDO with the help of experts in these standards.

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think culture

The project is co-funded by the European Union, through the **eContentplus** programme

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# Content Reuse Task Force - Madrid 2014

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# Frameworks and standards

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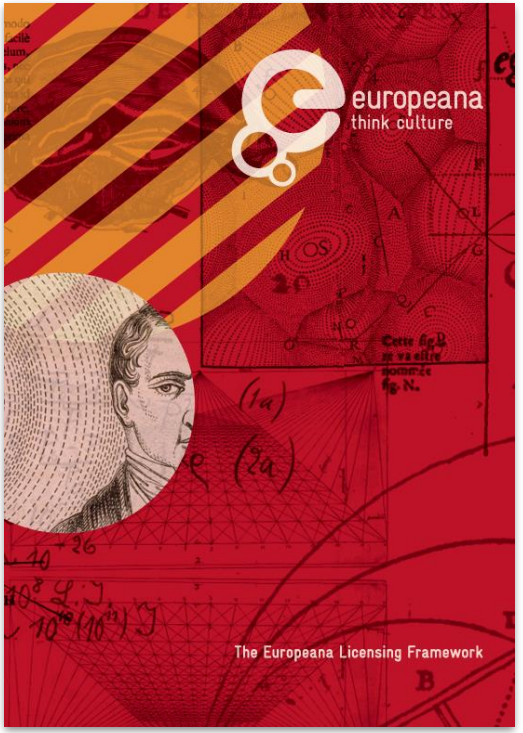


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# Frameworks and standards

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# The more you give the more you get

*Dissemination*

- Europeana website (visibility)
- Exhibitions, Galleries, Blogs (context)
- Education, Research
- Creative Industries
- Social media outreach
- Wikimedia
- ...

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# The more you give the more you get

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# Visibility (usage dashboards)

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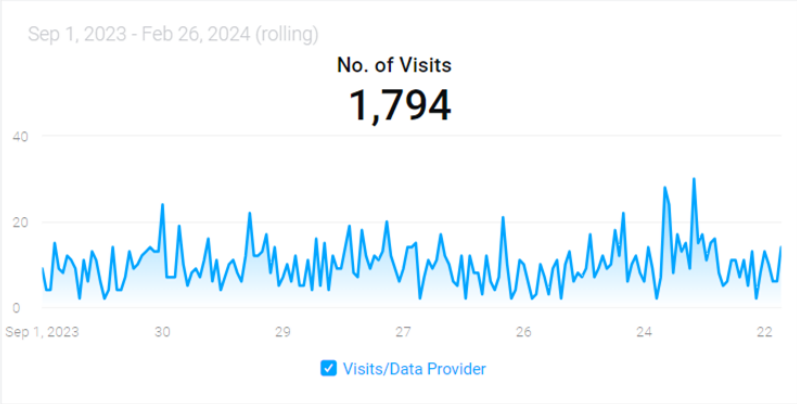
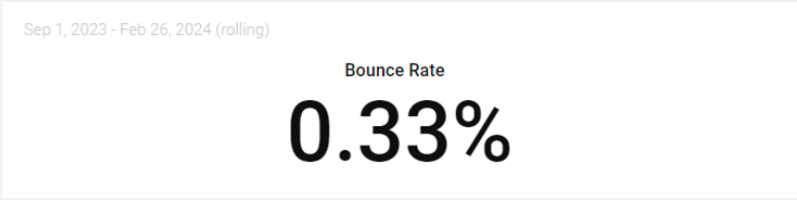
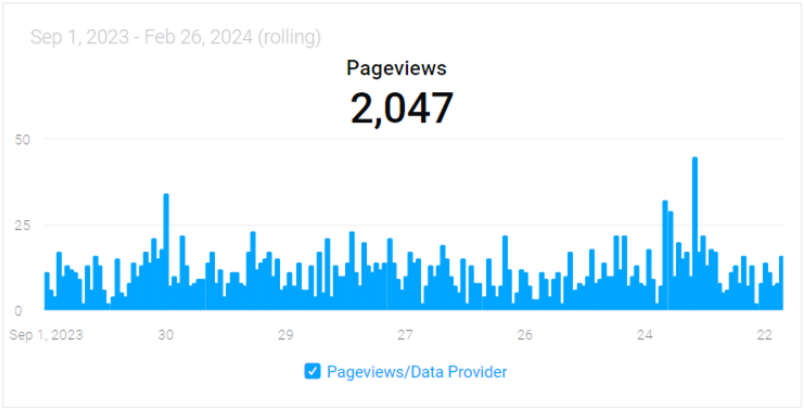
User Traffic Statistics on Europeana

Digital Library of Castilla y León



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# Visibility (usage dashboards)

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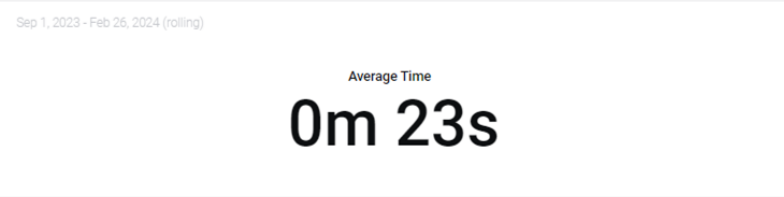
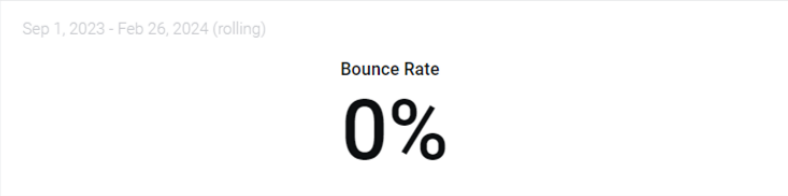
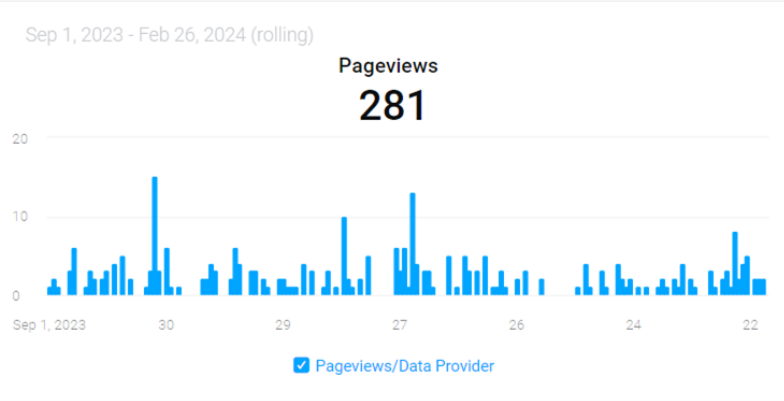
User Traffic Statistics on Europeana

Capuchin Central Library of Spain

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# Visibility (usage dashboards)

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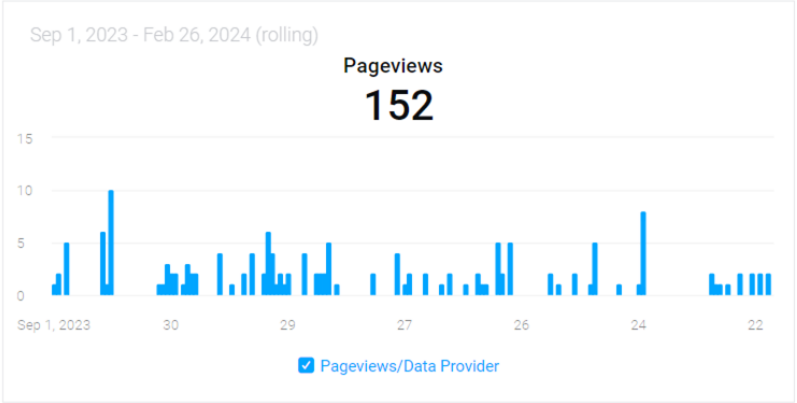
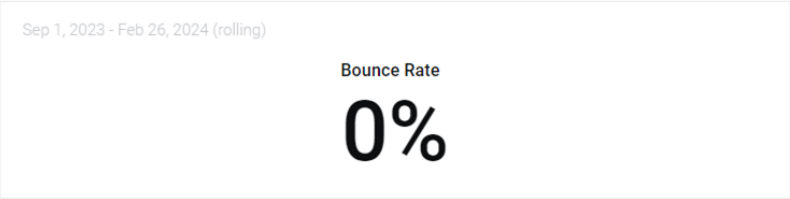
User Traffic Statistics on Europeana

Library of the University of Las Palmas

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# The more you give the more you get

**Digital Library of Castilla y León** - 1,794 visits / 2,047 pageviews

- 69,497 records
- 63,961 records tier 4; 51,460 records tier B, 6,142 records tier C

**Capuchin Central Library of Spain** - 246 visits/ 281 pageviews

- 3,124 records
- 2,971 records tier 4

**Library of the University of Las Palmas** - 124 visits / 152 pageviews

- 108,536 records
- 108,434 records tier 1

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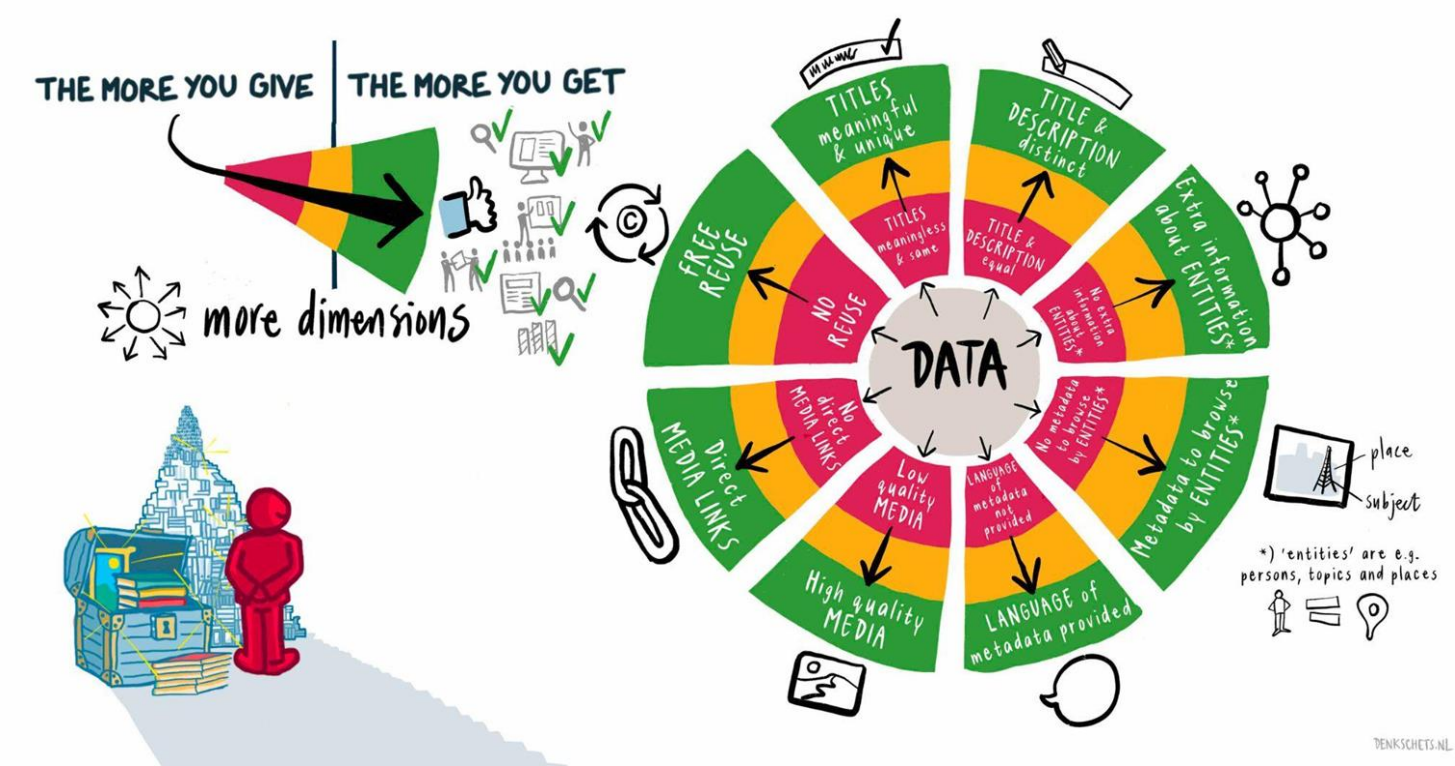
# Data Quality

And what it is for Europeana

# The more you give the more you get

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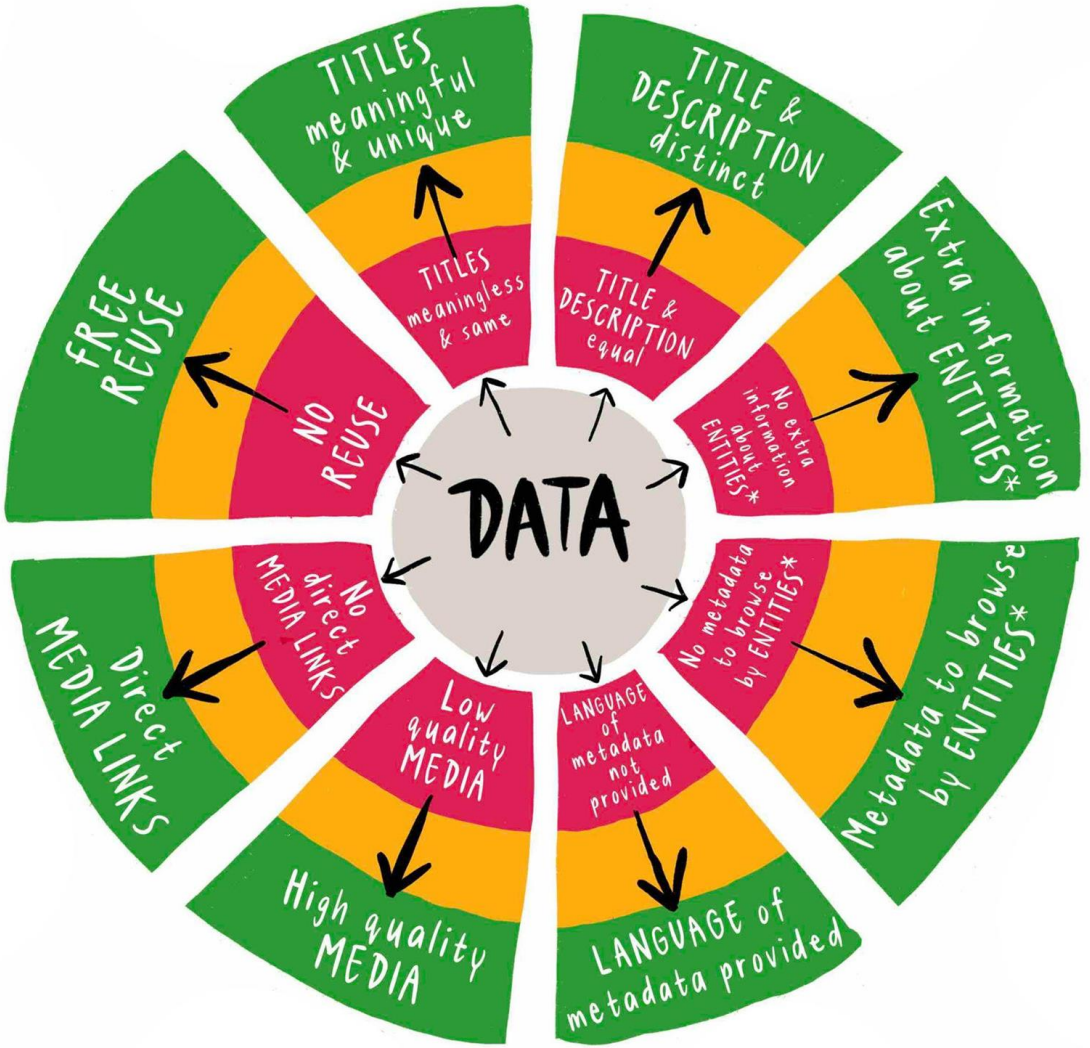
# Europeana Publishing Framework

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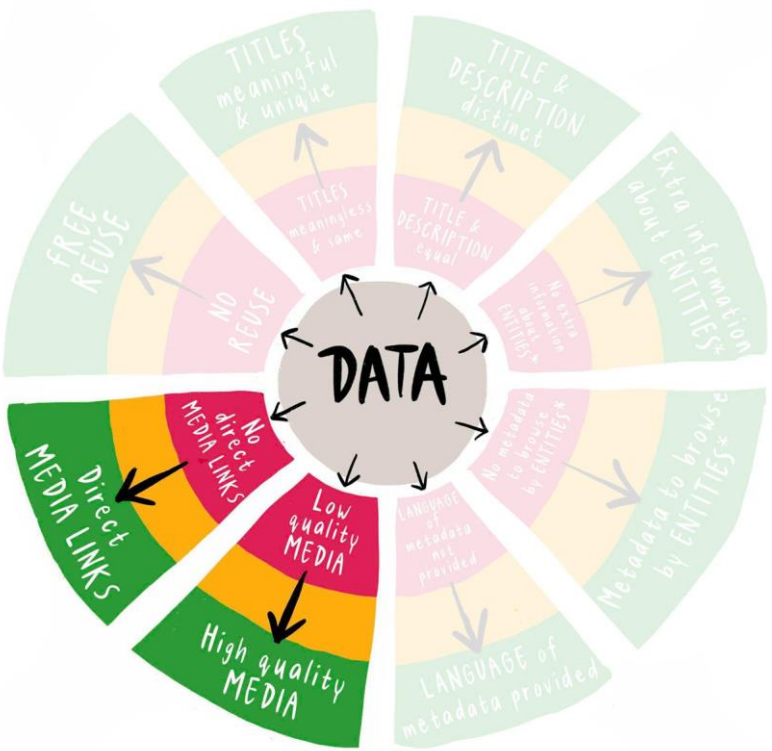
# Content quality and media links

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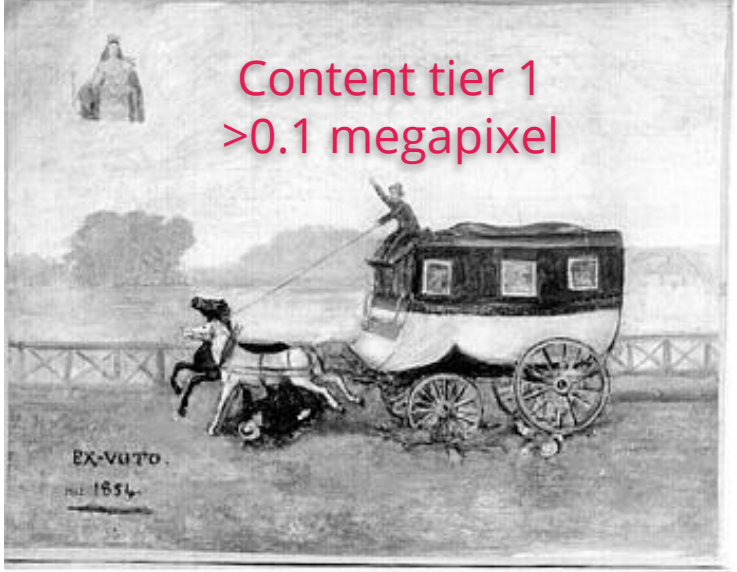
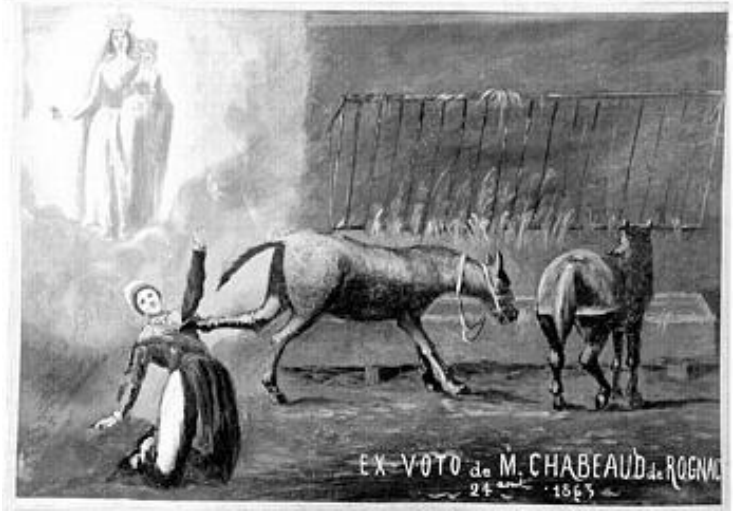
Content tier 0
<0.1 megapixel


Content tier 1
>0.1 megapixel
EX-VOTO
1854


EX-VOTO de M. CHABEAUD de ROGNAC
1863

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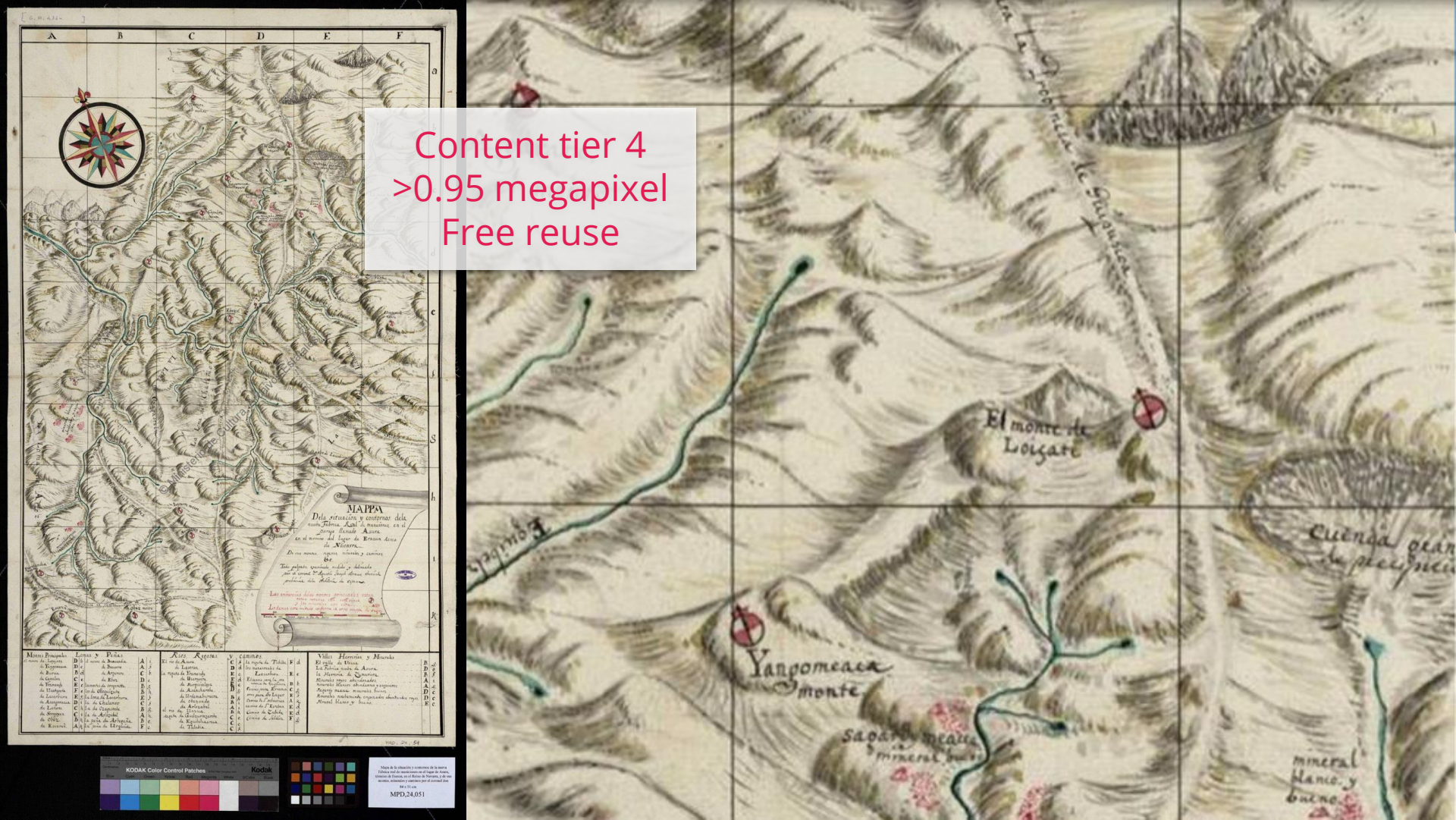


Content tier 4
>0.95 megapixel
Free reuse

Content tier 4
>0.95 megapixel
Free reuse

© Ministerio de Cultura

Content tier 4
>0.95 megapixel
Free reuse

Public Domain

# Content quality and media links (text)

Content tier 4
Direct link to PDF
Free reuse

EL TOREO

SE PUBLICA TODOS LOS LUNES

AÑO VI. Madrid 15 de Setiembre de 1879. NÚM. 202.

LAS CORRIDAS DE LA SEMANA.

CC0 SHARE DOWNLOAD

El Toreo : suplemento a "La Correspondencia teatral" : se publica al día siguiente de cada corrida de toros: El Toreo : suplemento a "La Correspondencia teatral" : se publica al día siguiente de cada corrida de toros - Año VI Número 202 - 1879 septiembre 15 (15/09/1879)

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# Content quality and media links (text)

Content tier 1
No direct link
Reuse with conditions

CC BY-NC-ND

SHARE

Boletín oficial de Canarias, 25/9/1844

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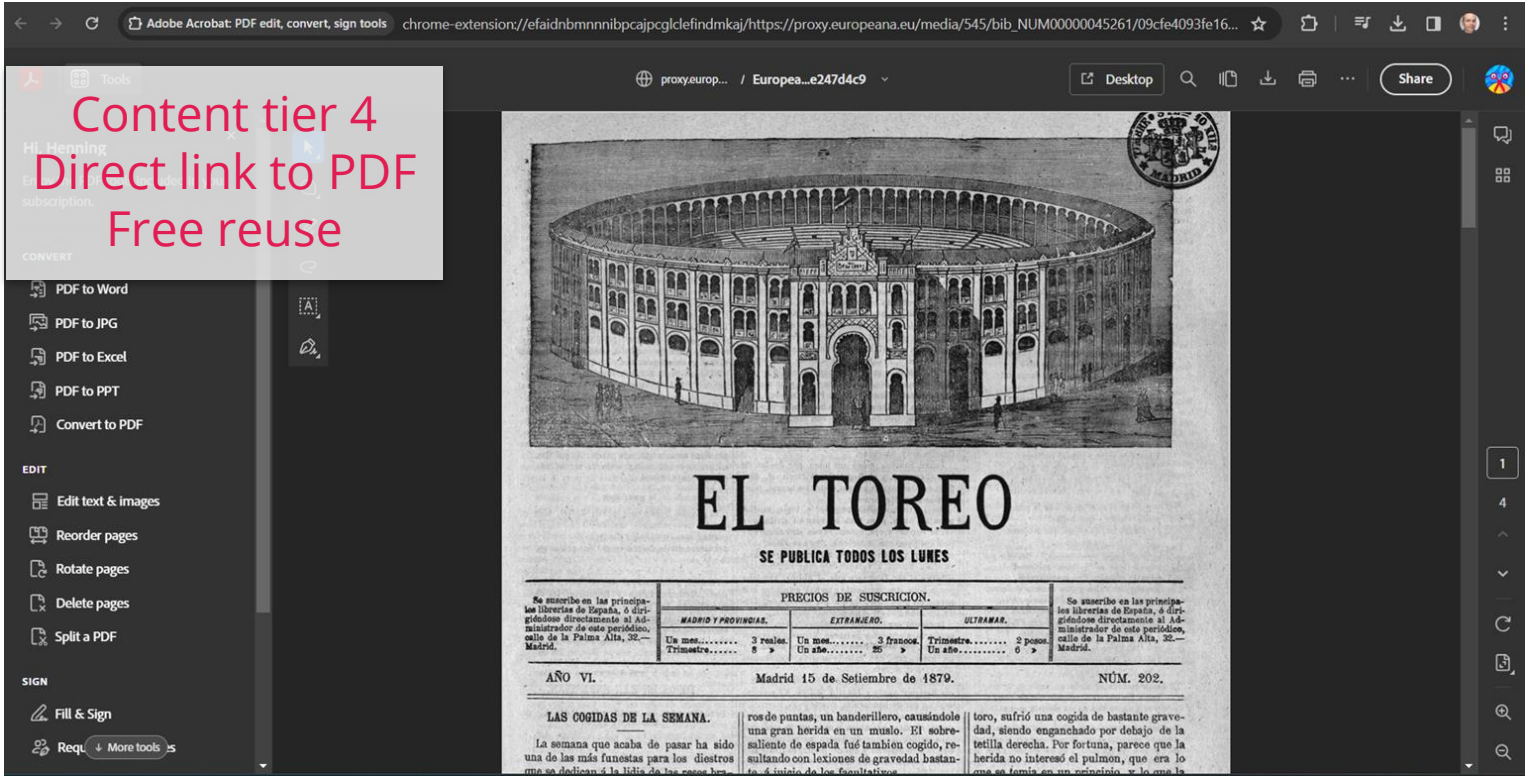
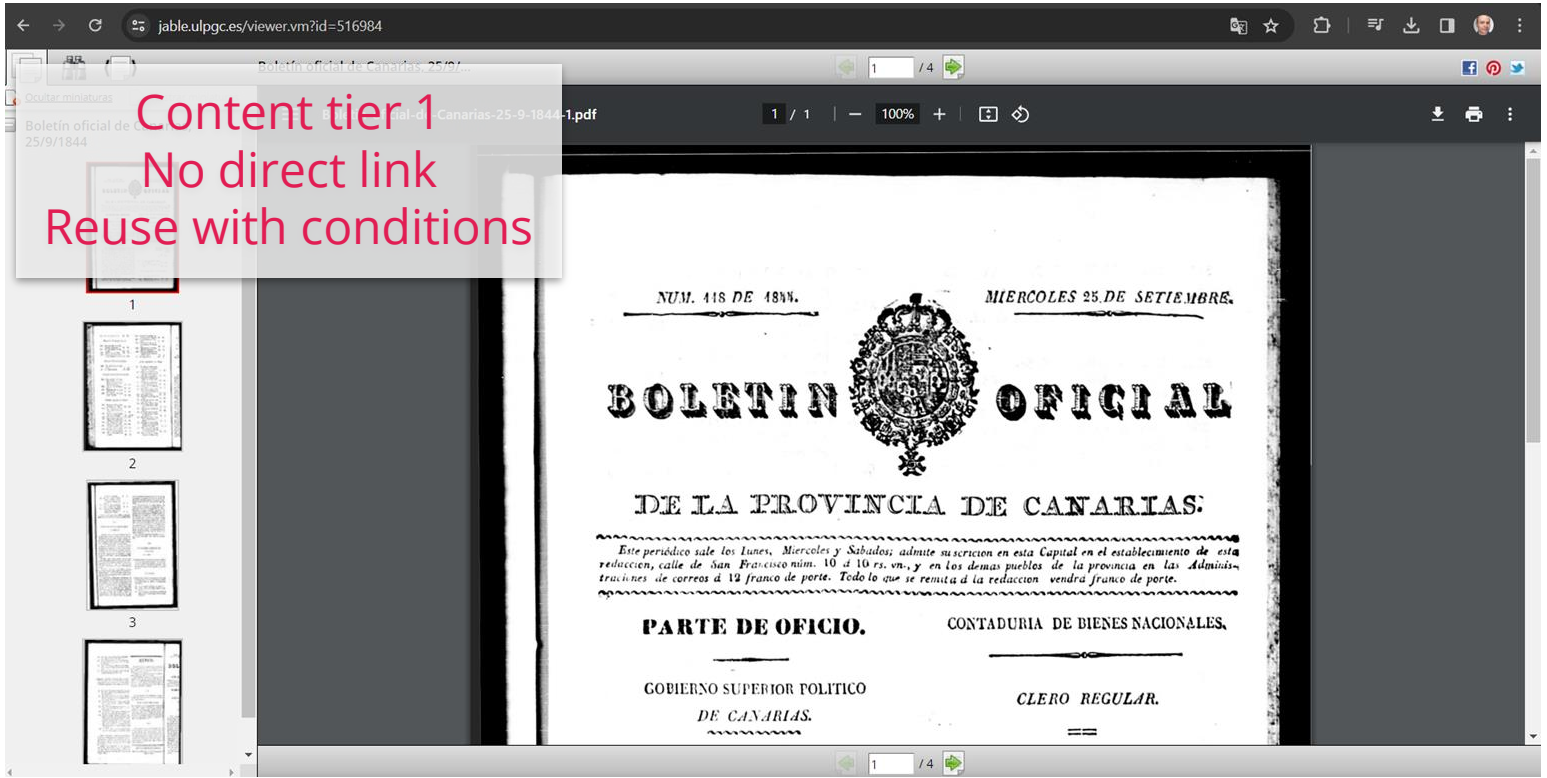
# Content quality and media links (text)



# Content quality and media links (text)



# Content quality and media links (text)

**El Toreo**

- 400x586 thumbnail/preview image
- Newspaper from 1879 - CC0
- Direct link to a pdf - edm:isShownBy
  → ebucoreHasMimeType: "application/pdf"
  ⇒ contentTier: 4

**Boletin Oficial**

- 210x300 thumbnail/preview image
- Newspaper from 1844 - CC BY-NC-ND
- Link to a pdf in the environment of the library - edm:isShownAt
  → ebucoreHasMimeType: "text/html"
  ⇒ contentTier: 1

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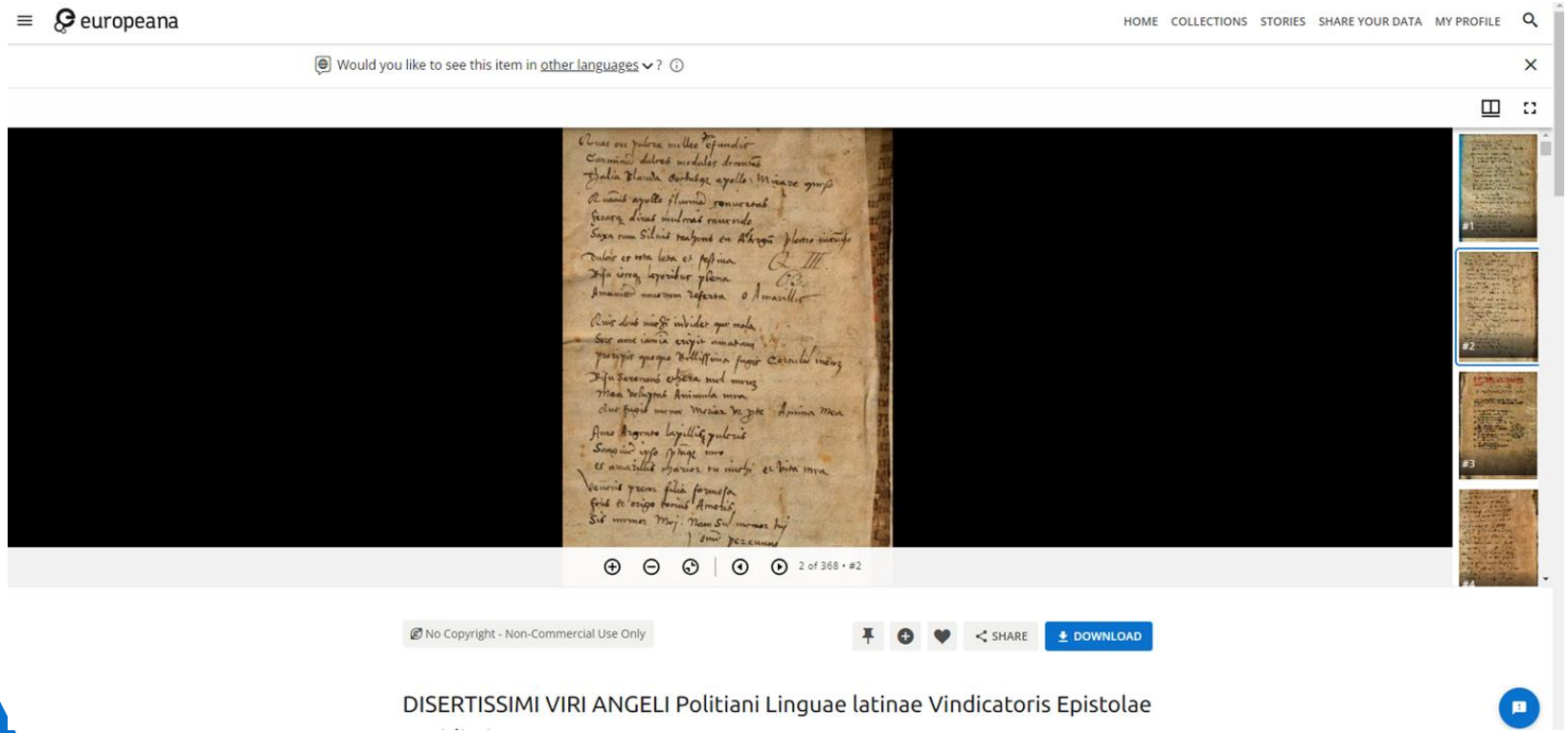
# International Image Interoperability Framework (IIIF)

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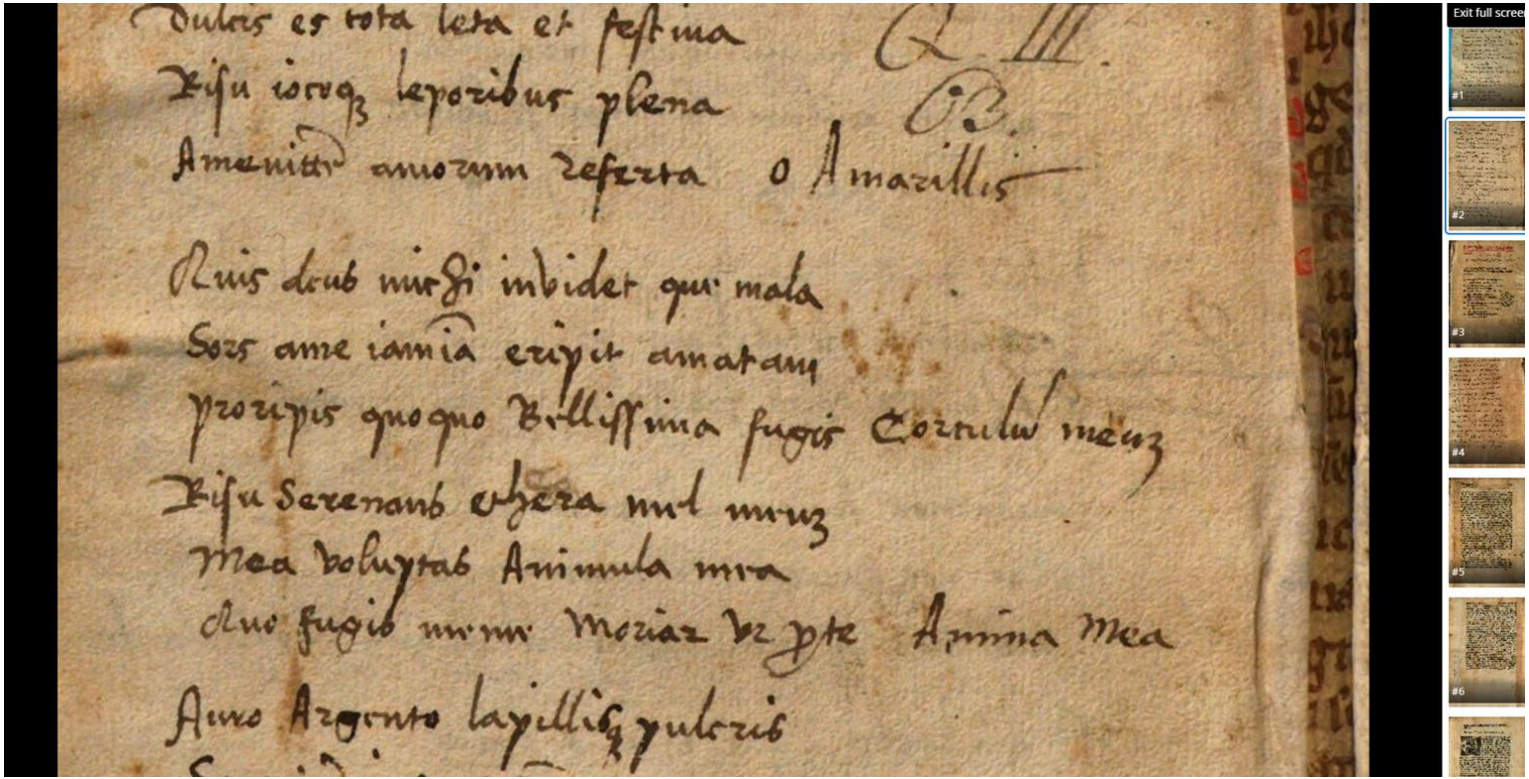
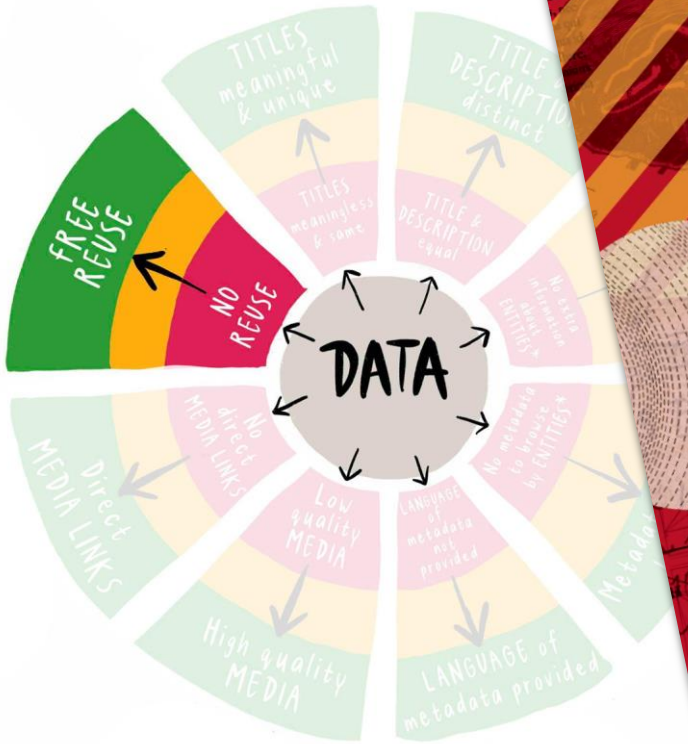


# Reusability (and copyright)



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# Licensing Framework

- set of policies and contracts that deal with the copyright and licensing aspects of Europeana.
- aims to ensure that users of Europeana are provided with clear and easy to understand information on what they can and cannot do with metadata and content that they encounter via Europeana.
- ensures that all metadata can be published by Europeana under the same terms and used by anyone for any purpose without any restrictions (CC0 Public Domain Dedication)
- provides a list of 14 standardised rights statements that must be used by data providers to describe the rights status of the digital objects that they make available via Europeana (edm:rights)

# Standardised rights statements

# Creative Commons

- Creative Commons licenses cannot be applied to digital objects that are in the Public Domain. They require an underlying copyright to be present.
- Creative Commons licenses (and the CC0 tool) can only be applied by (or with permission of) the rights holder.
- Europeana encourages data providers to use one of the two free CC licenses (CC BY or CC BY-SA) to enable maximum re-use .

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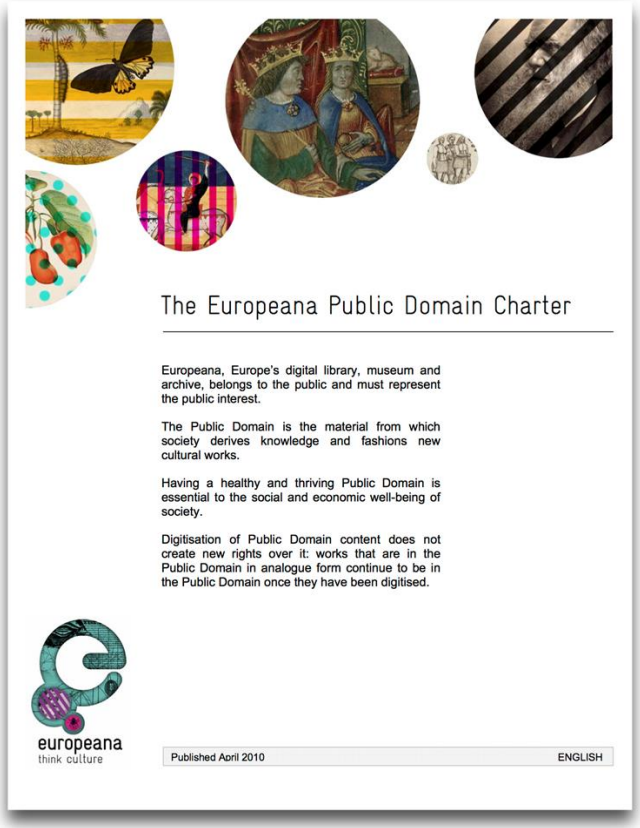
# Public Domain Charter

- works that are in the public domain in the analogue form should remain in the public domain in digital form.



The Europeana Public Domain Charter

Europeana, Europe's digital library, museum and archive, belongs to the public and must represent the public interest.

The Public Domain is the material from which society derives knowledge and fashions new cultural works.

Having a healthy and thriving Public Domain is essential to the social and economic well-being of society.

Digitisation of Public Domain content does not create new rights over it: works that are in the Public Domain in analogue form continue to be in the Public Domain once they have been digitised.

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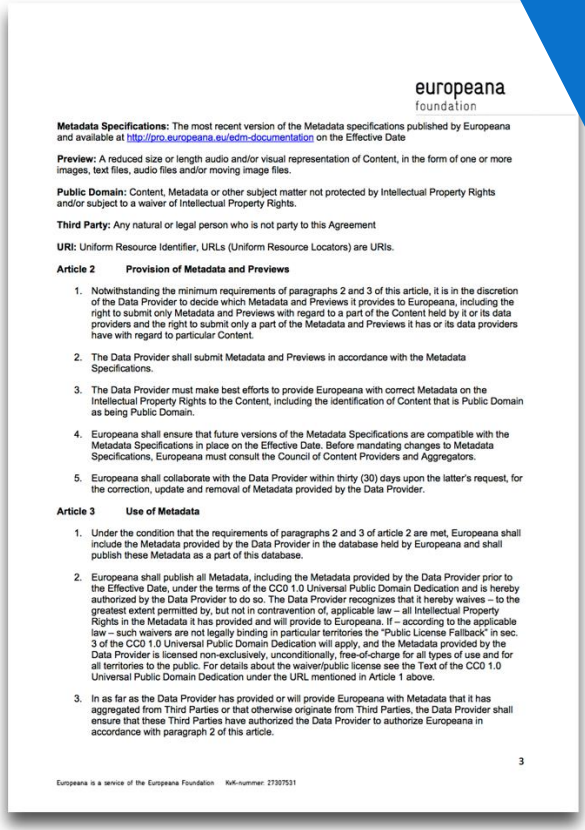
Published April 2010 ENGLISH



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foundation

**Metadata Specifications:** The most recent version of the Metadata specifications published by Europeana and available at http://pro.europeana.eu/edm-documentation on the Effective Date

**Preview:** A reduced size or length audio and/or visual representation of Content, in the form of one or more images, text files, audio files and/or moving image files.

**Public Domain:** Content, Metadata or other subject matter not protected by Intellectual Property Rights and/or subject to a waiver of Intellectual Property Rights.

**Third Party:** Any natural or legal person who is not party to this Agreement

**URI:** Uniform Resource Identifier, URLs (Uniform Resource Locators) are URIs.

**Article 2 Provision of Metadata and Previews**

1. Notwithstanding the minimum requirements of paragraphs 2 and 3 of this article, it is in the discretion of the Data Provider to decide which Metadata and Previews it provides to Europeana, including the right to submit only Metadata and Previews with regard to a part of the Content held by it or its data providers and the right to submit only a part of the Metadata and Previews it has or its data providers have with regard to particular Content.
2. The Data Provider shall submit Metadata and Previews in accordance with the Metadata Specifications.
3. The Data Provider must make best efforts to provide Europeana with correct Metadata on the Intellectual Property Rights to the Content, including the identification of Content that is Public Domain as being Public Domain.
4. Europeana shall ensure that future versions of the Metadata Specifications are compatible with the Metadata Specifications in place on the Effective Date. Before mandating changes to Metadata Specifications, Europeana must consult the Council of Content Providers and Aggregators.
5. Europeana shall collaborate with the Data Provider within thirty (30) days upon the latter's request, for the correction, update and removal of Metadata provided by the Data Provider.

**Article 3 Use of Metadata**

1. Under the condition that the requirements of paragraphs 2 and 3 of article 2 are met, Europeana shall include the Metadata provided by the Data Provider in the database held by Europeana and shall publish these Metadata as a part of this database.
2. Europeana shall publish all Metadata, including the Metadata provided by the Data Provider prior to the Effective Date, under the terms of the CC0 1.0 Universal Public Domain Dedication and is hereby authorized by the Data Provider to do so. The Data Provider recognizes that it hereby waives – to the greatest extent permitted by, but not in contravention of, applicable law – all Intellectual Property Rights in the Metadata it has provided and will provide to Europeana. If – according to the applicable law – such waivers are not legally binding in particular territories the "Public License Fallback" in sec. 3 of the CC0 1.0 Universal Public Domain Dedication will apply, and the Metadata provided by the Data Provider is licensed non-exclusively, unconditionally, free-of-charge for all types of use and for all territories to the public. For details about the waiver/public license see the Text of the CC0 1.0 Universal Public Domain Dedication under the URL mentioned in Article 1 above.
3. In as far as the Data Provider has provided or will provide Europeana with Metadata that it has aggregated from Third Parties or that otherwise originate from Third Parties, the Data Provider shall ensure that these Third Parties have authorized the Data Provider to authorize Europeana in accordance with paragraph 2 of this article.

3

Europeana is a service of the Europeana Foundation KvK-nummer: 27307531

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# Inaccuracy

Large collections (esp. 20th century works) with CC0:

- Data providers can sometimes get confused and think the Data Exchange Agreement requires them to specify CC0 as the value of edm:rights

Large collections of 20th century works with the Public Domain Mark

- Most 20th century material is still covered by copyright and permission from the rights holder is required for any use of a work(s).

# Inaccuracy

Collections of pre 20th century works with statements other than PDM, CC0 or NoC-NC

- These works are very likely to be in the Public Domain.

Large collections with Creative Commons licenses:

- It is not very common that data providers hold the rights in the works in their collection and therefore it is unlikely that they can apply CC licenses en masse.

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# https://europeana.moocit.fr/courses

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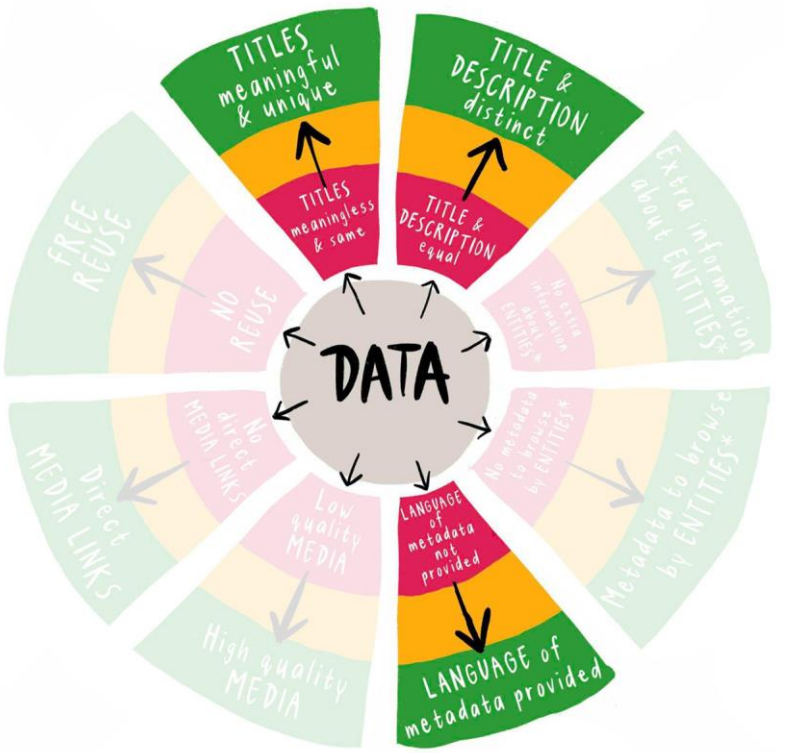
# Metadata quality and titles & descriptions

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# Metadata quality and titles & descriptions

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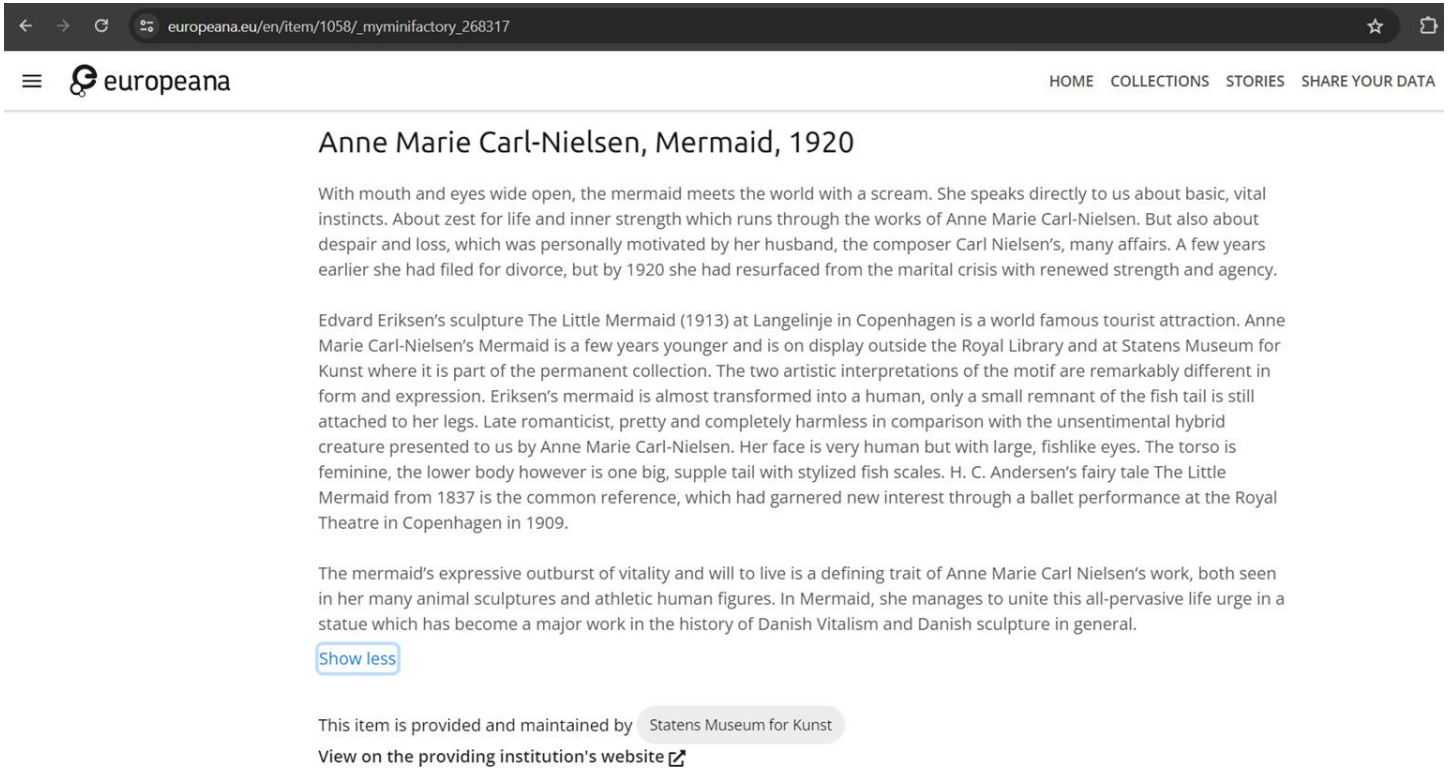


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# Metadata quality and titles & descriptions

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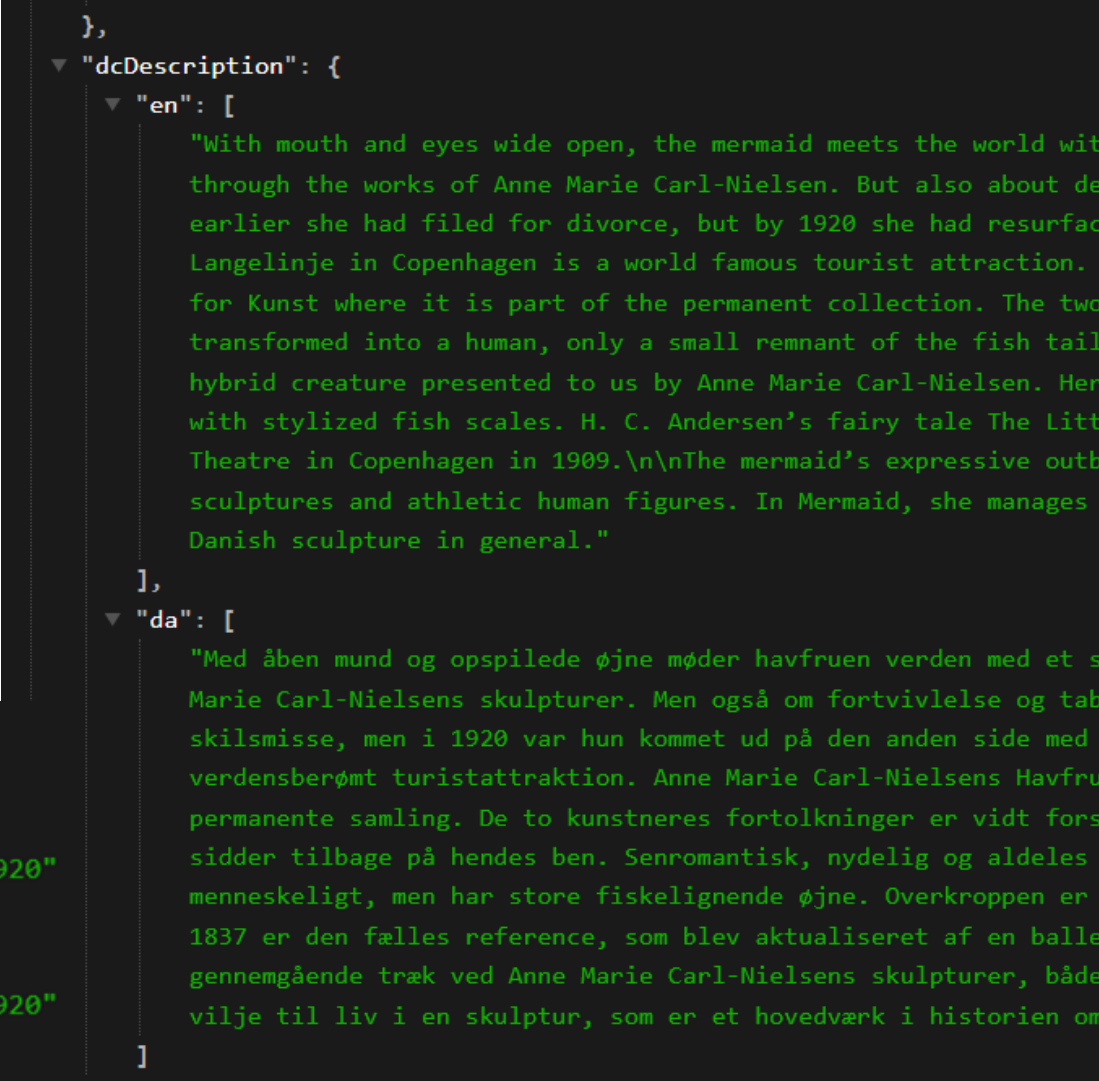
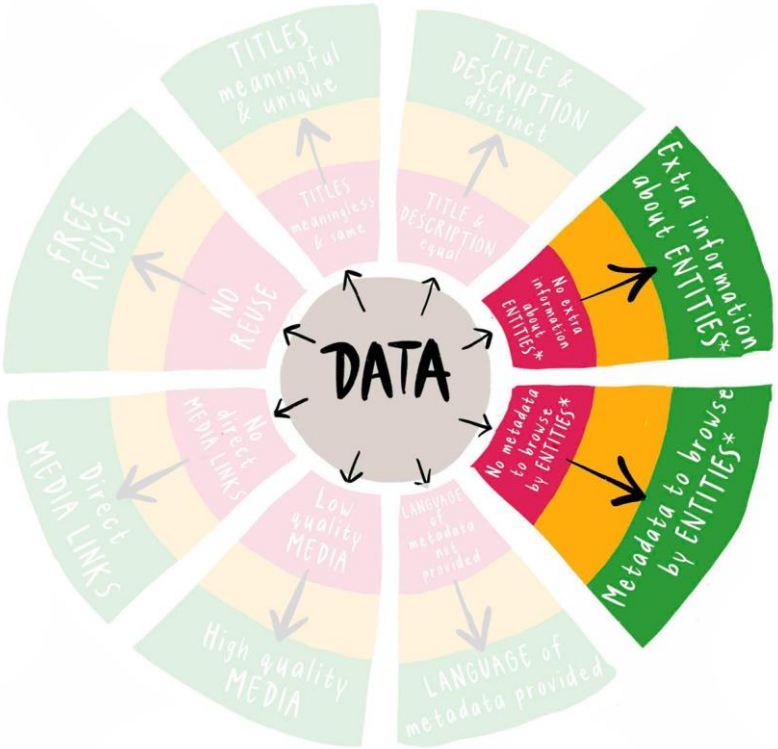


# Metadata quality and context

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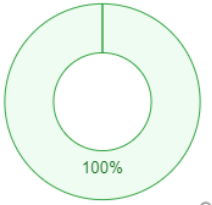
# Metadata quality and context

Good to know | All metadata

| | |
|---|---|
| Creator | Van-Halen, Francisco de Paula, 1814-1887 |
| Publisher | Lito. artª de F. Pérez y J. Donon |
| Subject | Segovia-Usos y costumbres-Grabados |
| Type of item | Ilustraciones y Fotos |
| Date | 1847 ; 1847 |
| Providing institution | BDCYL |
| Aggregator | BDCYL |
| Rights statement for the media in this item (unless otherwise specified) | http://creativecommons.org/publicdomain/zero/1.0/ |
| Rights | The Creative Commons CCO - http://creativecommons.org/publicdomain/zero/1.0/ |
| Issue date | [1847] ; 1847 |
| Places | España-Castilla y León-Segovia (Provincia)-Segovia |

**Dataset Tier Statistics**




*Showing 1 records by Content Tier*

4

search 1 record ids

| Record Id | Content Tier | | Metadata Tier | | | |
|---|---|---|---|---|---|---|
| | | | * | | | |
| ...s___bibliotecadigital_jcyl_es_bib_CYL20100027691 | 4 | | A | B | C | A |

< 1 of 1 >

Dataset Floor: 4 A B C A

# Metadata quality and context

Good to know | All metadata | Location

| | |
|---|---|
| Creator | Francisco de Paula Van Halen |
| Publisher | Lito. artª de F. Pérez y J. Donon |
| Subject | engraving |
| Type of item | Ilustraciones y Fotos |
| Date | 1847 ; 1847 |
| Providing institution | BDCYL |
| Aggregator | BDCYL |
| Rights statement for the media in this item (unless otherwise specified) | http://creativecommons.org/publicdomain/zero/1.0/ |
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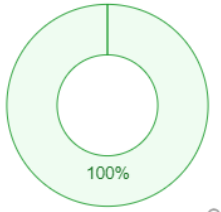
| Issue date | [1847] ; 1847 |
| Places | Segovia ; Spain ; Segovia |

**Dataset Tier Statistics**




*Showing 1 records by Content Tier*

4

search 1 record ids

| Record Id | Content Tier | Metadata Tier | | | | |
|---|---|---|---|---|---|---|
| …s___bibliotecadigital_jcyl_es_bib_CYL20100027691 | 4 | C | C | C | C | |

< 1 of 1 >

Dataset Floor: 4 C C C C

# Metadata quality and context

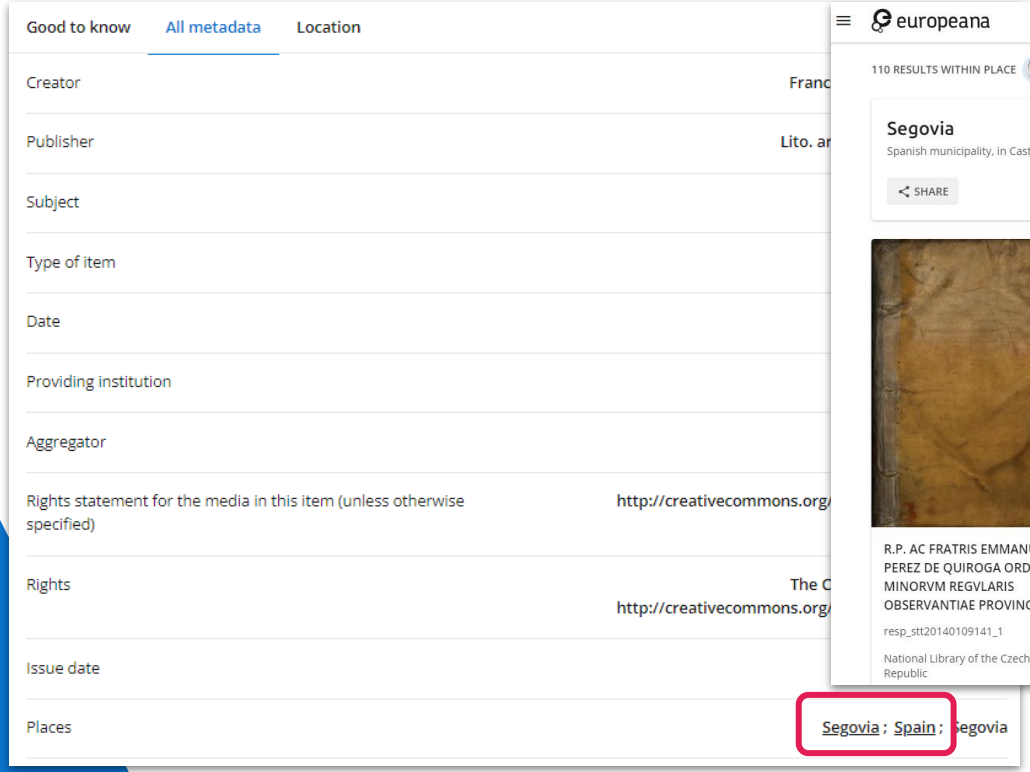
Good to know | All metadata | Location

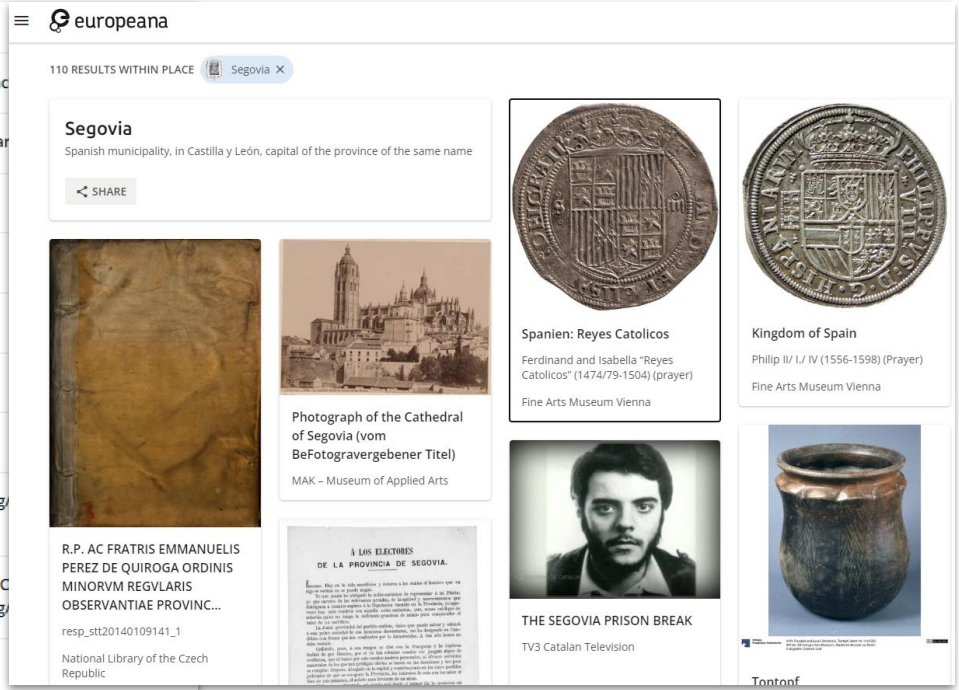
| | |
|---|---|
| Creator | Francisco de Paula Van Halen |
| Publisher | Lito. artª de F. Pérez y J. Donon |
| Subject | engraving |
| Type of item | Ilustraciones y Fotos |
| Date | 1847 ; 1847 |
| Providing institution | BDCYL |
| Aggregator | BDCYL |
| Rights statement for the media in this item (unless otherwise specified) | http://creativecommons.org/publicdomain/zero/1.0/ |
| Rights | The Creative Commons CCO - http://creativecommons.org/publicdomain/zero/1.0/ |
| Issue date | [1847] ; 1847 |
| Places | Segovia ; Spain ; Segovia |

ante | Todos los metadatos | Ubicación

| | |
|---|---|
| | Francisco de Paula Van Halen |
| | Lito. artª de F. Pérez y J. Donon |
| | grabado |
| | Ilustraciones y Fotos |
| | 1847 ; 1847 |
| | BDCYL |
| | BDCYL |
| hos de los medios en este Ítem (a menos que trario) | http://creativecommons.org/publicdomain/zero/1.0/ |
| | The Creative Commons CCO - http://creativecommons.org/publicdomain/zero/1.0/ |
| | [1847] ; 1847 |
| | Segovia ; España ; Segovia |

# Metadata quality and context

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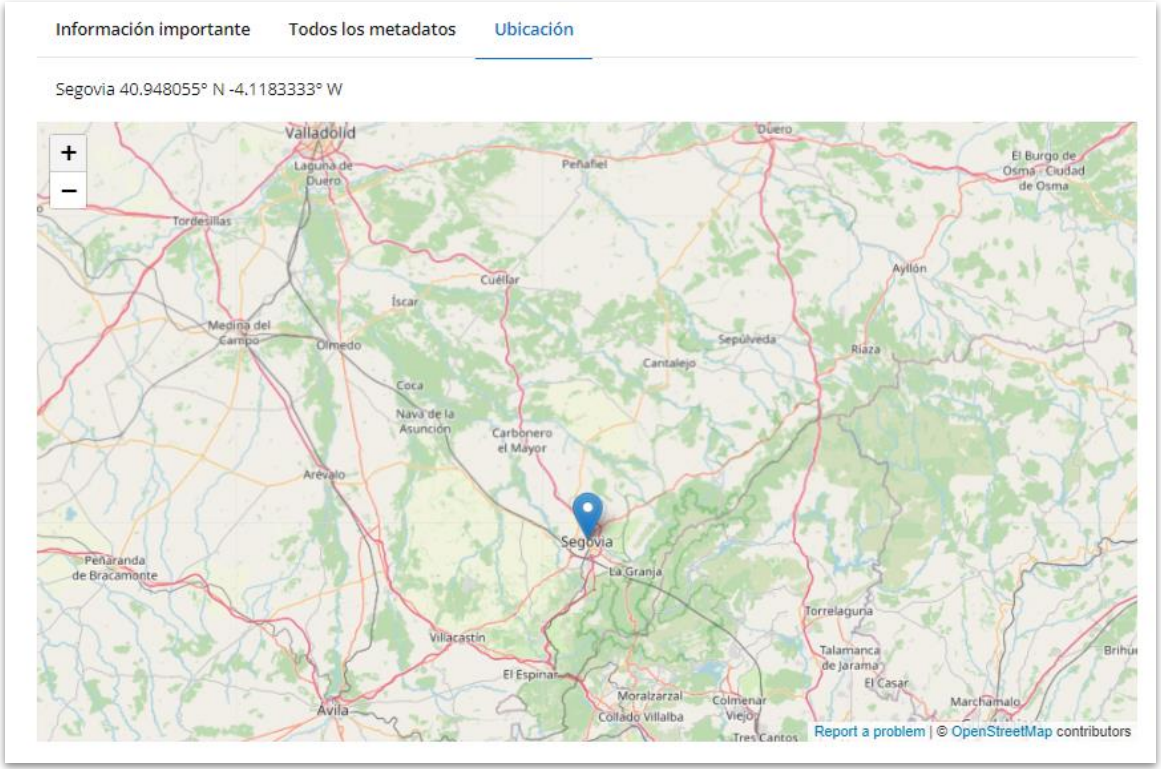
# Metadata quality and context




europeana

# Metadata quality and context

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        <skos:prefLabel>Van-Halen, Francisco de Paula, 1814-1887</skos:prefLabel>
</edm:Agent>
<skos:Concept rdf:about="https://bibliotecadigital.jcyl.es/aut/CYLA20100001103">
        <skos:prefLabel>Segovia-Usos y costumbres-Grabados</skos:prefLabel>
</skos:Concept>
<edm:Place rdf:about="https://bibliotecadigital.jcyl.es/aut/CYLA20180212147">
        <skos:prefLabel>España-Castilla y León-Segovia (Provincia)-Segovia</skos:prefLabel>
</edm:Place>
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<dc:subject rdf:resource="http://www.wikidata.org/entity/Q11835431"/>

<dcterms:spatial rdf:resource="http://www.wikidata.org/entity/Q15684"/>

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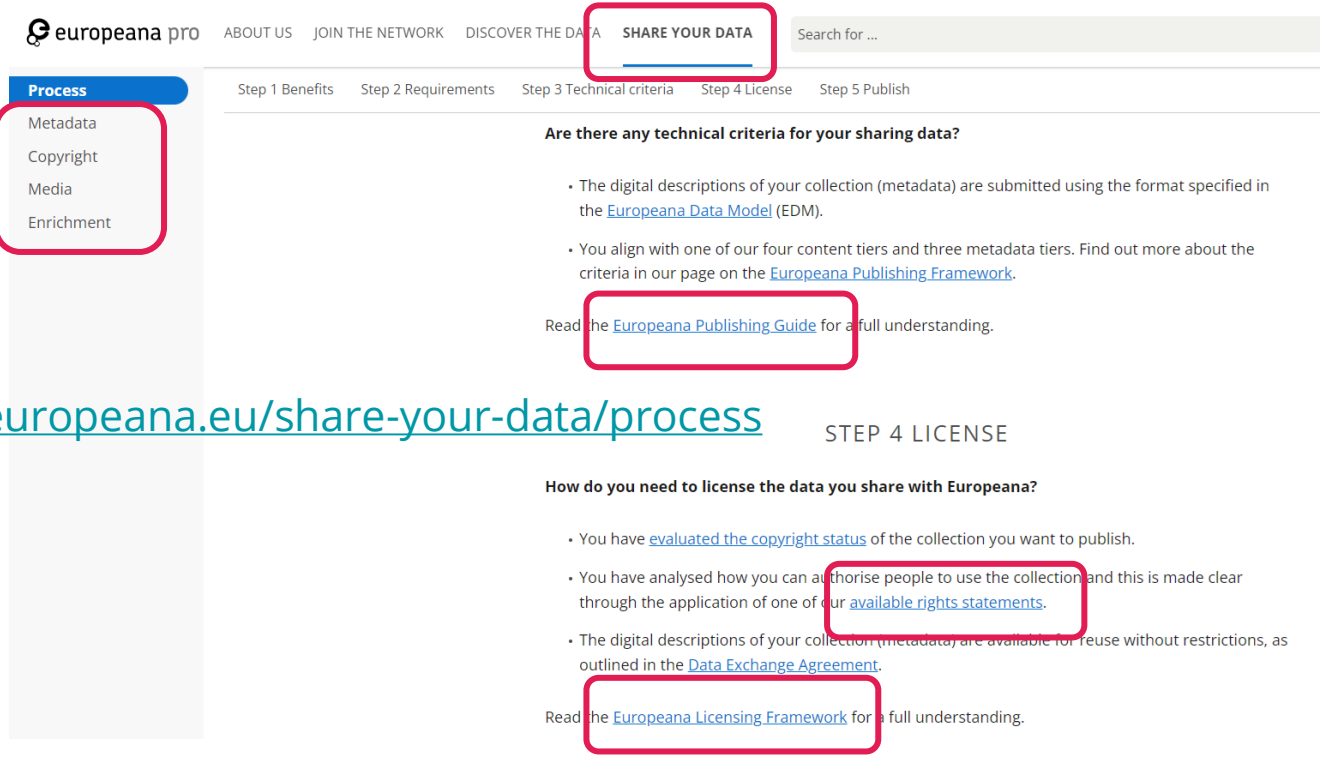
# All you need to know…




https://pro.europeana.eu/share-your-data/process

# Transitioning to the data space

La Emperatriz Marta de Constantinopla ante Alfonso X el Sabio. óleo sobre lienzo by Fernández, Luis - Ignacio Larramendi Foundation, Spain - CC BY-SA.

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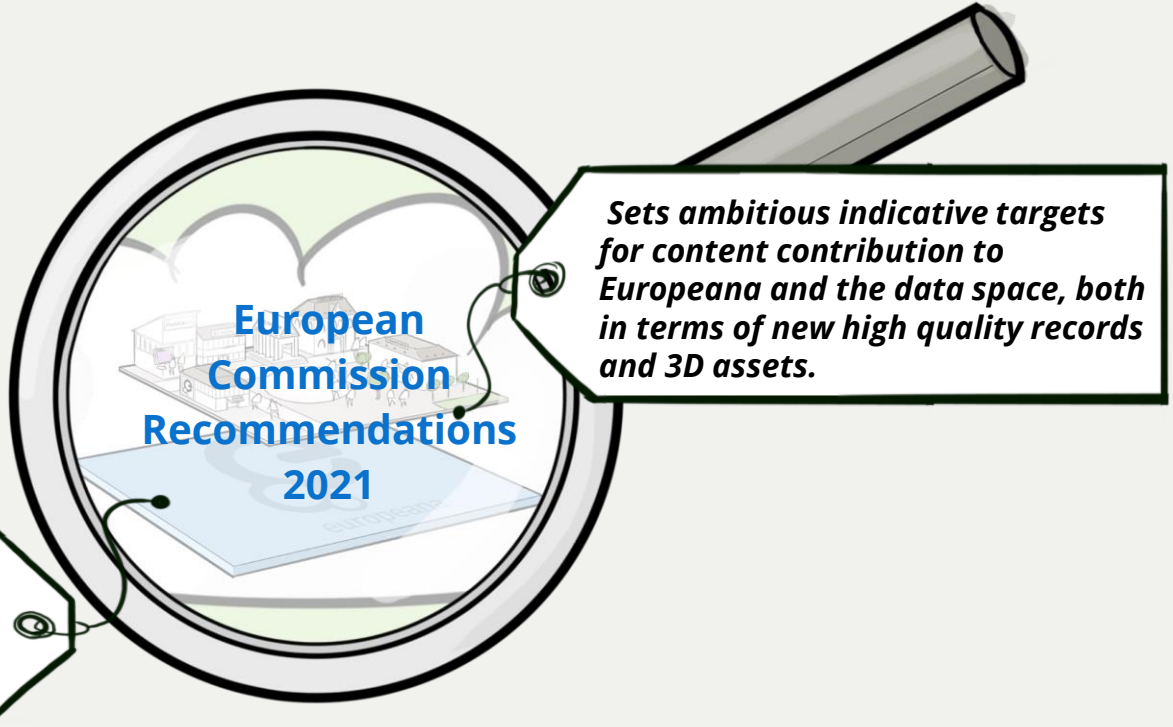
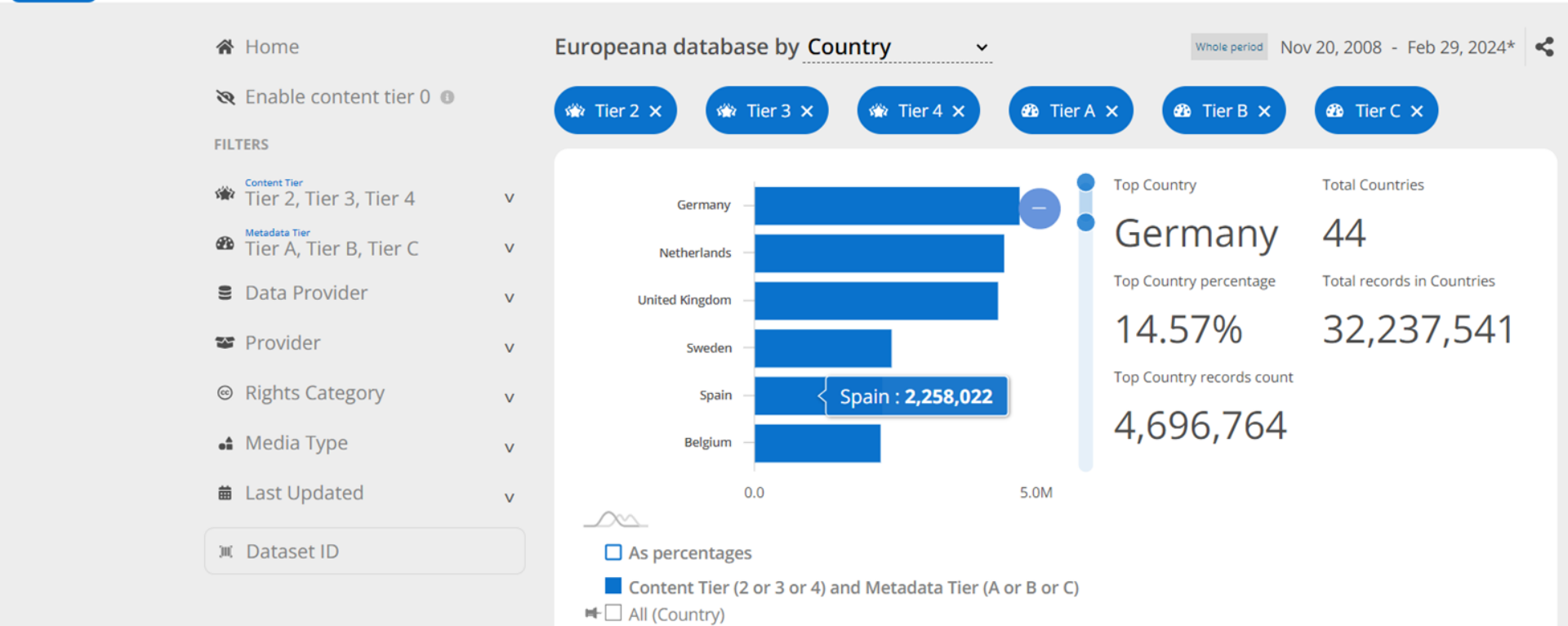
# Continuous strive for high quality metadata and content



# Continuous strive for high quality data

data statistics dashboard

https://metis-statistics.europeana.eu/en/



# 5,079,973

Number of high quality records (tier 2+/A+) from Spain in Dec 2030
(of which 1,540,649 records are 3D)

CALLE OBISPO CODINA Y CALLE MURO [Material gráfico] by Anonymous - 1940 - Canary Islands Historical Photography Archive, Spain - CC BY.

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