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ATHENA

Implementation plan for taking the content into Europeana

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eContentplus

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a multiannual Community programme to make digital content in Europe more accessible, usable and exploitable.

¹ OJ L 79, 24.3.2005, p. 1.

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Objective of the deliverable

As stated in the ATHENA Description of Work, the final step of the work to be carried on by WP5 is the definition of ‘the ways of taking the content into Europeana’ and the drawing up of an implementation plan to be defined in cooperation with Europeana.

Since the first project meetings, it became evident that the work to be outlined in deliverable 5.5 should have been anticipated, otherwise the objective of WP5, keeping under control the content contributed by partners for the implementation in Europeana, would have been unfeasible.

Deliverable 5.5 summarises the whole work carried out until the end of the project in cooperation with other WPs, WP7 in particular as far as the technical features for aggregating the content are concerned. For this reason, some information may look redundant since it was already provided in other deliverables produced by WP5 and other WPs; repetitions will be avoided as much as possible using cross-references (highlighted in grey colour).

By the way, WP7 has to supply at month 30 a deliverable with a similar name (D7.5 ‘Implementation plan and access to content of museums through Europeana’); the leaders of both WPs agreed the respective tables of content in order to avoid overlapping. Deliverable 5.5 is more focused on workflow and partner contribution management, deliverable 7.5 on how the ingestion happens by the technical point of view.

1. Introduction: ‘Houston, we have lift off!’

"Houston, we have lift off!" This was the enthusiastic expression of satisfaction of Susan Hazan of the Israel Museum of Jerusalem, when the content provided to ATHENA finally appeared in Europeana after months of work.

It was November 2010 when the first set of 1,800,000 data from Germany, Italy and Israel were published in the European portal and the Mask of Gu (FIG. 1) became the ATHENA lucky charm.

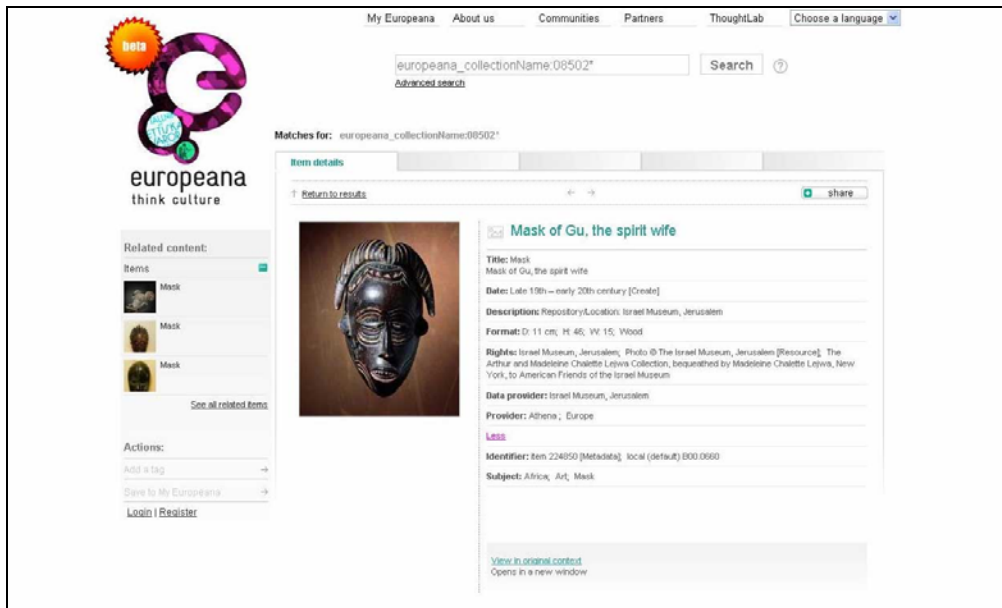


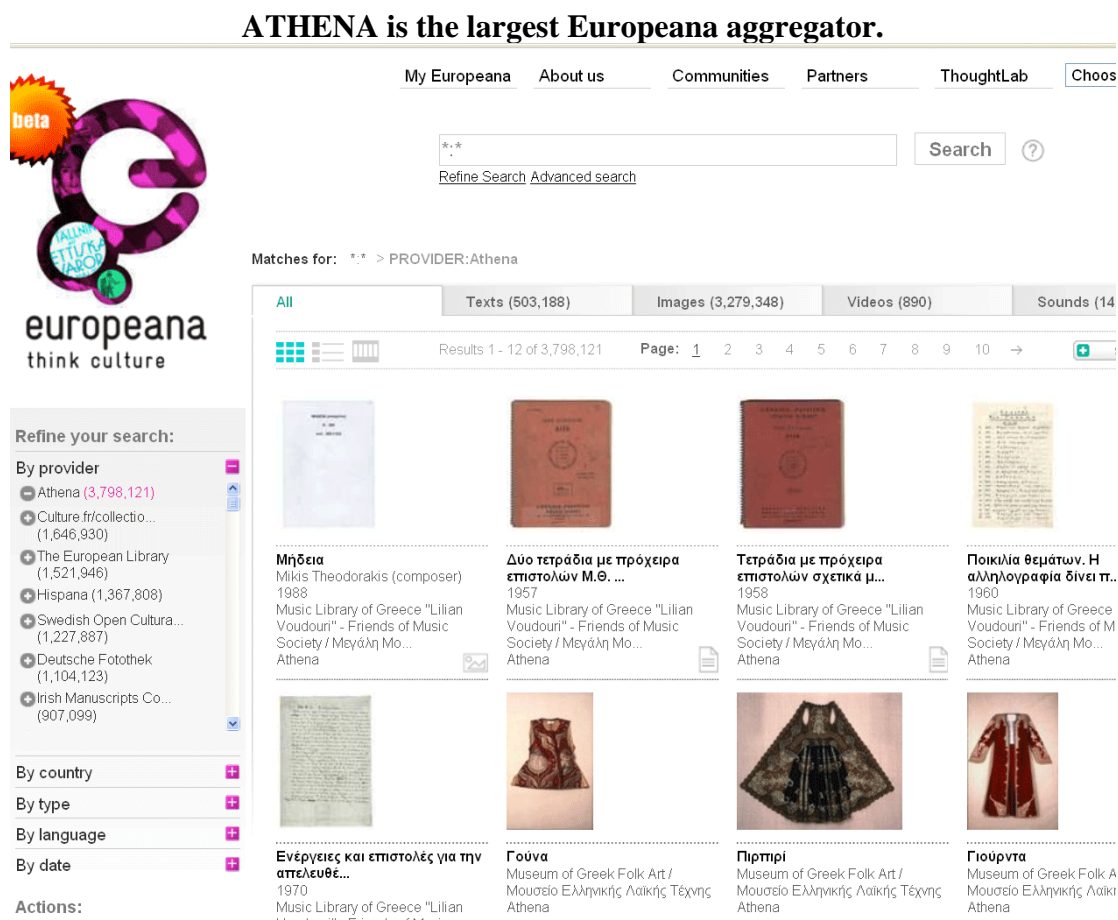
FIG. 1 - Mask of Gu, the spirit wife (Late 19th – early 20th century).
The Israel Museum, Jerusalem. This item was in the first set of data harvested by Europeana.

The enthusiasm for the success of this first stage did not come only from those who were personally involved with the publication of their metadata in Europeana. Numerous testimonials and congratulations arrived from other content providers, eager to see their online content soon: "What a thrill to see him live!", "Big news with the publication, congratulations and thanks for the hard work. The institutions that have participated will be the judges of the quality of results".



These results have been increased over time. Currently over 3.7 M data provided by the ATHENA consortium are in Europeana and other 700,000 about are waiting for the harvesting and publication (FIG. 2).

ATHENA is the largest Europeana aggregator.



The screenshot shows the Europeana website interface. At the top, there's a navigation menu with 'My Europeana', 'About us', 'Communities', 'Partners', 'ThoughtLab', and 'Choos'. A search bar is present with a search button and a help icon. Below the search bar, it says 'Matches for: *.* > PROVIDER:Athena'. The main content area displays a grid of search results, each with a thumbnail image and a title in Greek. The results are categorized by type: Texts (503,188), Images (3,279,348), Videos (890), and Sounds (14). The first row of results includes:

- Μήδεια** by Mikis Theodorakis (composer), 1938, Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο... Athens
- Δύο τετράδια με πρόχειρα επιστολών Μ.Θ. ...**, 1957, Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο... Athens
- Τετράδια με πρόχειρα επιστολών σχετικά μ...**, 1958, Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο... Athens
- Ποικιλία θεμάτων. Η αλληλογραφία δίνει π...**, 1960, Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο... Athens

 The second row includes:

- Ενέργειες και επιστολές για την απελευθε...**, 1970, Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο... Athens
- Γούνα**, Museum of Greek Folk Art / Μουσείο Ελληνικής Λαϊκής Τέχνης, Athens
- Πιρπτρι**, Museum of Greek Folk Art / Μουσείο Ελληνικής Λαϊκής Τέχνης, Athens
- Γιούρντα**, Museum of Greek Folk Art / Μουσείο Ελληνικής Λαϊκής Τέχνης, Athens

 On the left side, there's a 'Refine your search:' section with filters for 'By provider' (Athena: 3,798,121), 'By country', 'By type', 'By language', and 'By date'. There are also 'Actions:' buttons.

FIG. 2 – ATHENA content in Europeana: 3,798,121 million items.

Obviously there was a substantial back office work carried out by WP5, WP7 and all contributing partners. Managing over 120 cultural institutions belonging to 23 different countries is something serious: plenary conferences, technical meetings, training, daily contact with all partners in the project, over 1,600 emails, plus Skype or telephone conversations. Moreover, the technical solution for the content aggregation (i.e. the ingester) didn't exist at the beginning of the project and it was necessary thinking, building and testing it.

Workflow and aggregation procedures were agreed on the occasion of the first plenary meetings¹ and constantly refined as soon as Europeana developed its content strategy.

¹ 2008-12-10. Roma, Italy. ATHENA kick-off meeting; 2009-02-13. Roma, Italy; . ATHENA second plenary meeting.

2. Workflow Step-by-step

This section illustrates how the aggregation process was carried out within the ATHENA project and which cooperation mechanisms among the ATHENA WPs, content providers and Europeana was set up.

Step 1 – Creation of the ATHENA National Contact Points

The creation of a network referees, the National Contact Points (NCPs), was the first step for managing the consortium; the decision was announced during the second plenary meeting held in Rome on 13th February 2009.

The NCPs main tasks are:

- acting as a bridge between the WP5 coordination and the single national content providers;
- updating the list of the collections to be provided to ATHENA;
- managing the involvement of new content providers;
- disseminating the ATHENA activities at national level.

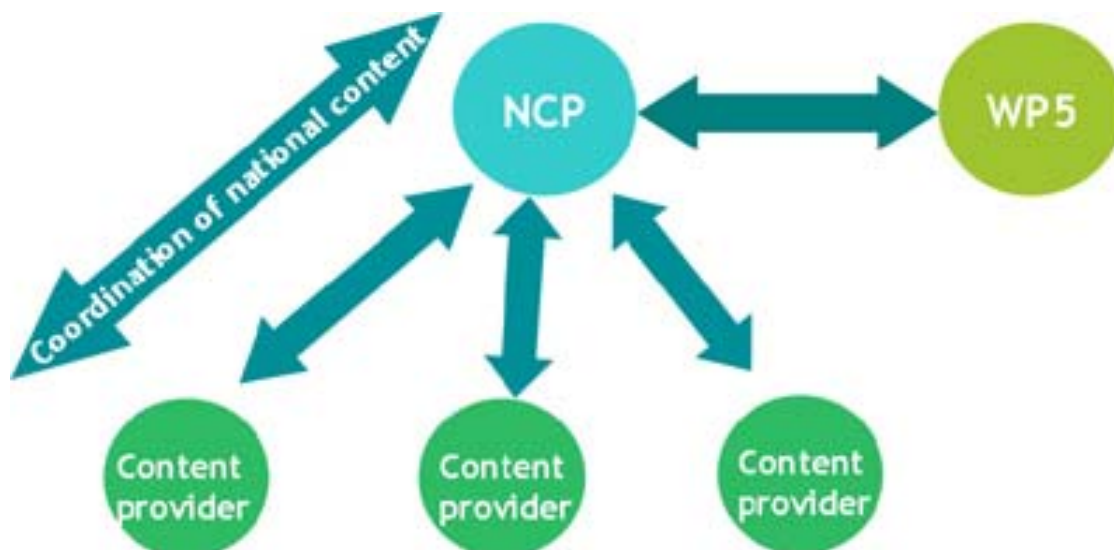


Figure 3 - ATHENA content coordination map

In this way it was possible for museums to have a contact person representing them in dealing with the ATHENA content coordination team. In turn, the WP5 content management team has the role of interacting with the technical groups both of ATHENA and Europeana that follow the ingestion procedures (FIG. 3).

The list of the National Contact Points is published on the ATHENA web site so to be easily reached by new content providers coming from their own state¹. For further information about the role of NCPs see D5.1 ‘First Report on the network of national Coordination’.

¹ <http://www.athenaeurope.org/index.php/en/132/national-contact-points>

Step 2 – Investigation of the digital collections

During the period March-April 2009 (months 5 and 6) the National Contact Points were urged to fulfil the first important tasks related to the WPs 3 and 5: the compilation of the standard questionnaire.

The need to further investigate the state of the art of the ATHENA digital collections for the definition of the ingestion plan (WP5 task) and the compilation of a report about the standards applied by the European museums (WP3 task, D3.1), as well as for retrieving information for the other WPs activities (IPR, multilingualism, geo-localisation) were the background of the online survey that was launched.

This action's aims were to have a clear overview on the standards applied by the participant museums and institutions so to build the ATHENA ingestion software, and verify the relevant information for the fields of the ingestion plan (e.g. the subject of the collection, the kind of digital object – text, image, audio, video - the quantity of thumbnails or samples to send to Europeana, if the metadata are aggregated by anyone else, etc.).

All NCPs filled the questionnaire in about their collections. The analysis of the technical standards is gathered in D3.1 'Report on existing standards applied by European museums'. Answers were online for a very long period and were used to retrieve information for the ingestion plan.

Step 3 – Ingestion plan

The ingestion plan was agreed with the Europeana representative within the ATHENA consortium with two main goals:

- trying to synchronise the ATHENA and Europeana ingestion and harvesting procedures;
- avoiding overlapping in content provision.

In fact, little by little that the overall Europeana content strategy was developed (final release in August 2009), it clearly appeared that the fact that the same institutions participate in different EU projects could cause some overlapping in content aggregation and delivery to Europeana (this problem is shared by many of the Europeana family projects).

ATHENA WP5 leaders got in touch very soon with the Europeana office to deal this matter and tried to find out the best possible solutions for both projects: it was decided that the ATHENA providers that had already sent their data to Europeana, would have cooperated with their records only to test the ATHENA technical features¹.

The ingestion plan was structured with the following fields agreed with Europeana (FIG. 4):

- country
- data provider
- collection name
- technical contact person
- email
- approximate amount of digital objects
- object type (image, text, audio, video)
- preview availability
- type of upload (ftp, http, OAI-PMH)

¹ D5.3 'Core Content Map for the Recognition of Digital Cultural Heritage Content'.

- used metadata
- technical information in standard questionnaire
- date delivery to ATHENA
- date delivery to Europeana
- comments
- remarks from Europeana
- harvesting authorisation¹

	A	B	C	D	E	F	G	H	
	COUNTRY	DATA PROVIDER (institution, aggregator)	COLLECTION NAME	TECHNICAL CONTACT PERSON	E-MAIL	APPROXIMATE NUMBER OF DIGITAL OBJECTS	OBJECT TYPES (image, text, sound, video)	PREVIEW AVAILABILITY (thumbnail, audio preview, video preview)	
1									
2	BE_001	ModeMuseum	Museum collection database	Dieter Suls; Arthur Hanselman	dieter.suls@momu.be , arthur.hanselman@so2cit.nl	17818 catalogue records	Text / Images (JPEG)	9,645 photos in low resolution that are linked to descriptions of museum objects. They are available online.	Catalogue the 17th on Belgium
3	BE_002	ModeMuseum	Museum library database	Dieter Suls; Jef Gielen	dieter.suls@momu.be ; je@cipal.be	15,084 book descriptions	Text	0 thumbnails. No images available.	Mainly bo Museum o MoMu).
4	BE_003	Stadsarchief Antwerpen	Photo archive	Filip Boudrez; Sonja Schaule	filip.boudrez@stad.antwerpen.be , sonja.schaule@edavid.be	30,000 (digital photographs), copyright protected	Text (metadata records / Images)	30,000 low resolution images, thumbnails free to use. The size of a thumbnail is 75 px. You can find an example next to the 'comments' column. If Europeana would require larger thumbnails, they can provide larger images of 100/120 px. This has to be commu	Thumbnail
5	BE_004	Collectie Vlaamse Gemeenschap	Collection Flemish Government	Evi Bert; Hans van der Linden	evi.bert@cism.vlaanderen.be , hans.vanderlinden@cism.vlaanderen.be	1026 catalogue records	Text / Images	1902 thumbnails. 260 records have NO image.	Descripti photogra
6	BE_005	MuHKA	Museum collection	Alexandra Pauwels	alexandra.pauwels@muhka.be	1710	Text	1500 thumbnails. Thumbnail of the related picture; available at the end of this year.	catalogue
7	BG_001	"Strara Sofia" Municipal Enterprise with the Historical Museum of Sofia	Stara Sofia (Old Sofia)	Sabina Aneva and Daniela Atanasova	sabina@cl.bas.bg ; refero@cl.bas.bg	1181 catalogue records linked to 1181 images	Text and image	thumbnail of the related picture	Catalogue
8	BG_002	Ethnographic Institute with Museum	Folk Applied Arts	Sabina Aneva and Daniela Atanasova	sabina@cl.bas.bg ; refero@cl.bas.bg	500 catalogue records linked to 500 images	Text and image	thumbnail of the related picture	Catalogue
		National Historical Bulgaria and the	Bulgaria and the	Sabina Aneva and Daniela		400 catalogue records linked to			

Figure 4 - ingestion plan snapshot

The core information of the ingestion plan is:

- approximate amount of digital objects > to fulfil the DoW mission
- object type (image, text, audio, video) > to be sure that the digital format is compliant to the Europeana requirements
- preview availability > Europeana wants previews: if they don't exist, they must be created
- used metadata > to keep under control interoperability
- remarks from Europeana > notes from the Europeana ingestion team (e.g. part of the collection doesn't meet the Europeana mandatory features)

The ingestion plan is a working and evolving document in constant evolution; periodically it is uploaded into the reserved area of the ATHENA website and is intended as Annex I of this deliverable.

¹ See paragraph 'Europeana agreements' pp. 17-18.

THE INGESTION PLAN AT A GLANCE¹

Quantity of content to be uploaded in the ATHENA ingestion tool: 4,6 M about

Number of digital collections: 225 (+11 to be confirmed)

Providers: 122 (+5)

Countries: 23 (including Israel and Russia)

Subjects: fine arts (paintings, installations, etc.), architecture & landscape, dress & textiles, photographs, postcards, folk applied arts, folk music, manuscripts (including the 'Shrine of the Book'), magazines and books of various ages, numismatics, archaeological artefacts (Roman, Hellenistic, Byzantine, prehistoric), autographs, anthropology collections, minerals, literary works, sculptures, ancient glass, classical archaeology, design, prints and drawings, maps, technical machines, industrial archaeology, archival material

Step 4 - The ATHENA ingester

The National Technical University of Athens (NTUA), leader of WP7 'Development of plug-in to be integrated within Europeana' developed specific software to facilitate the mapping and the ingestion of content supplied by the project partners, and the semantic interoperability in the Europeana context².

This metadata ingestion service, commonly called 'ingester', enables:

- the data uploading and mapping to LIDO (by contributing partners);
- the transformations of the metadata records into LIDO records and the aggregation in the ATHENA repository;
- transformation of stored data into the ESE version and transmission to the Europeana ingestion office via OAI-PMH.

The metadata ingestion service needed to be built up and content providers started testing it only at the end of 2009.

The ATHENA ingestion service implemented LIDO v.0.93, the XML schema elaborated for delivering different museum metadata to cultural heritage repositories made up of a comprehensive format including as much information as possible to avoid any loss of granularity. The ingester is structured around LIDO and enables the transformation into the

¹ Details on content provision are given in D5.3 'Core content map for the recognition of digital cultural heritage content'.

² See D7.4 'Report on the integration of the plug-in with the Europeana portal', pp. 15-33. The ATHENA tool can be reached at the following URL: <http://athena.image.ntua.gr/athena> (reserved to the ATHENA content providers for the ingestion of their contents).

³ D3.3 'Specific for conversion tools'. Cfr. E. Coburn, R. Light, G. McKenna, R. Stein, A. Vitzthum, LIDO - Lightweight Information Describing Objects Version 1.0, November 2010: 'Organizations need to provide information on their objects to many portals including thematic, cross domain, regional, national and international, and web applications. The difficulty is that the object information is in the providers' own collections management systems and cataloguing databases. Each of these has potentially a different metadata format. This means that it is both time-consuming and costly to integrate information from all those organizations wanting to participate. To overcome this situation LIDO has been developed' (www.lido-schema.org/schema/v1.0/lido-v1.0-specification.pdf).

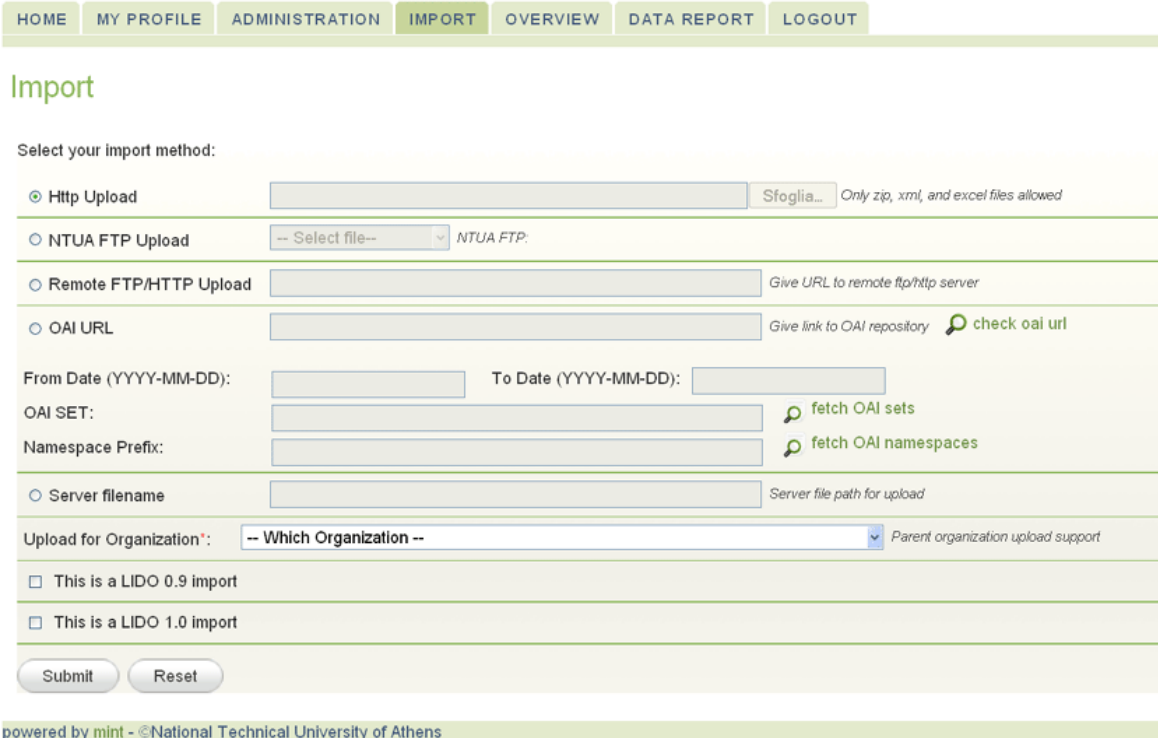
Europeana Semantic Element (ESE). The ingester also embeds the Europeana Content Checker for validating content before the publication¹.

The ATHENA ingestion tool is able to aggregate content from various cultural fields (not only from museums) and structured with different schemas.

What a content provider must do to upload data?

- create an account through the ‘Register’ page
- edit and save the mapping to LIDO
- upload the XML files (through http, FTP, OAI) (FIG. 5)
- overview the imports
- visualise previews in XML LIDO and XML ESE
- visualise Europeana preview
- if the result is acceptable, press the publishing button and wait for the Europeana harvesting

The whole workflow is subordinated to the subscription of the ATHENA licence that regulates the content provision (see further paragraph ‘The Europeana agreements’ p. 17).



HOME MY PROFILE ADMINISTRATION **IMPORT** OVERVIEW DATA REPORT LOGOUT

Import

Select your import method:

Http Upload Only zip, xml, and excel files allowed

NTUA FTP Upload NTUA FTP.

Remote FTP/HTTP Upload Give URL to remote ftp/http server

OAI URL Give link to OAI repository

From Date (YYYY-MM-DD): To Date (YYYY-MM-DD):

OAI SET:

Namespace Prefix:

Server filename Server file path for upload

Upload for Organization*: Parent organization upload support

This is a LIDO 0.9 import

This is a LIDO 1.0 import

powered by mint - ©National Technical University of Athens

Figure 5 – ATHENA ingester – import interface

¹ Europeana Content Checker User Guide.
http://www.google.com/url?sa=t&source=web&cd=1&ved=0CBgQFjAA&url=http%3A%2F%2Fversion1.europeana.eu%2F%2Fdocument_library%2Fget_file%3Fuuid%3Dd9ca0106-affb-4a38-83e9-e886289dd0d9%26groupId%3D10602&rct=j&q=europeana%20content%20checker&ei=o3fwTeD2FcaAOoDA0LID&usg=AFQjCNHumQfUIBbaKdZSreFXNmOx0ah4Rw&cad=rja

In October 2010 the 'Guidelines for the publication on Europeana' were issued and communicated all partners.

AGGREGATION PROCEDURE

- First of all, the partners who have not done yet, **MUST** immediately register in the ATHENA ingestion system (<http://athena.image.ntua.gr/athena>). For any question about the procedure, please e-mail to G. (CCing V. and M.).
- As soon as possible, every partner **SHOULD UPLOAD AND MAP TO LIDO** a sample of data that covers all the elements in XML file (even a small set of records is sufficient for the test).
- When the data sample has been uploaded, the partner **SHOULD INFORM V. and G.** (CCing M.). For any problem with the uploading/mapping, please send an e-mail to G. (CCing V. and M.) who will review data in order to make the partner able to proceed with the final uploading.
- Before the publishing procedure, **ASK FOR FINAL AUTHORIZATION** to Gordon (CCing V. and M.).
- After the authorization, the partner **WILL PRESS THE PUBLISHING BUTTON** (please inform V., G. and M.) in order to activate the harvesting process by Europeana.
- If there are changes, respect to the previous mapping, the partner **MUST ASK AGAIN FOR THE VALIDATION**. If there are no changes, partners **CAN** press the publishing button but they **MUST** inform V., G. and M. of the new situation.
- It is important that if the partners have collections not yet ready to be uploaded, **SHOULD** programme periodic upload in order not to overcrowd the system and the procedure in the last period of the project.

OTHER GUIDELINES

- Partners **SHOULD** supply a link to a thumbnail preview which is preferably the same width or slightly larger than the requirements of Europeana (currently 200 pixel wide). Partners **SHOULD NOT** supply a link to a very large image (i.e. much wider than 200 pixels). If the thumbnail is larger than the requirements, Europeana **WILL REDUCE** it. If smaller, Europeana **WILL NOT RESIZE** it (It is recommended that content providers look into possibilities to supply bigger size source images for image caching if possible).
- Partners **SHOULD NOT** supply a link to a 'dummy' thumbnail that indicates that there is no image or that no image can be displayed for IPR reasons. If this is not easily possible, partners **SHOULD** supply the URL of the 'dummy' thumbnail to Gordon.
- Europeana **WILL NOT ACCEPT** records without showing a digital object (image, etc.) on the partner's site. However, these records **CAN BE UPLOADED** on the ATHENA tool.

The complete set of guidelines on how to map, ingest and interact with WP5 is published on the ATHENA web site: the content providers can find there the ingester tutorial, introduction to LIDO and tools for mapping (including a mapping worksheet), the videos of the training meetings¹.

¹ <http://www.athenaeurope.org/index.php?en/159/training>

Shorter guidelines on how to deliver digital content to Europeana through ATHENA devoted to new cultural institutions are also published in D2.3 ‘Set of instruments to support newcomers to join’.

The task of mapping data to LIDO and using the ATHENA ingester is a winning choice in the light of the forthcoming Europeana changes. The switch from the Europeana Semantic Elements (ESE) to the new Europeana Data Model (EDM), conceived for preserving the original information and the richness of relations between the objects, will be soon realised. The complexity of LIDO is nearer to EDM rather than ESE; furthermore, the ATHENA ingester will store for next 3 years¹ the ATHENA data already mapped to LIDO: once that Europeana will shift to EDM, it won’t be necessary that the ATHENA providers re-map and re-upload all data to see them published in Europeana, but only that a mapping LIDO-EDM be provided.

The ingester is a useful tool not only for content management and aggregation carried out by providers, but also for the monitoring task that WP5 has to perform. The following pictures (FIG. 6 and 7) illustrate how it is easy having a general overview of the uploaded content.

Overall	
Registered users:	164
Registered Organizations:	152
Total Items:	4647832
Total LIDO Items:	4529474
Total ESE Items:	4004949
Countries contributing:	Belgium, Bulgaria, Cyprus, Czech Rep., Estonia, Finland, France, Germany, Greece, Hungary, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Romania, Russia, Slovakia, Slovenia, Sweden, United Kingdom
Countries with no data:	Austria, Denmark, Ireland, Portugal, Spain, Switzerland, Europe, International

* Reporting on ESE items comes from the ATHENA OAI repository where data is available for harvesting by Europeana

1. Lithuanian Art Museum	
Imports:	1
Total Imported Items:	535
Total LIDO Items:	535
Total Users:	1
Primary contact:	Ernestas Adomaitis, ernestas@limis.lt

FIG.6 - Overall amount of uploaded files into the ATHENA ingester at 26 April 2011: 4,647,832 uploaded metadata, 4,529,474 of which transformed into LIDO and 4,004,949 into ESE. On the right, a spotlight on the ingestion of a content provider (the Lithuanian Art Museum).

The ingestion software makes it possible to monitor in real time the position of contributing countries, the state of the art of loading data, the total number, the number of data mapped in LIDO and its processing in ESE, that is the data that are available for harvesting by Europeana and then ready for publication on line.

Through the overviews of the software it is possible to see both items imported by the various institutions and the uploaders. It is also possible to check the metadata transformed in ESE, and then ready for publication in Europeana.

¹ For the duration of Linked Heritage project at least (see D1.5 ‘Sustainability Concept’).

In fact, through a button representing the logo of Europeana the content providers have the possibility to make their data at disposal of the harvesting and final publication in Europeana. The content provider has the opportunity to choose which data publish or not.

The following image (FIG. 7) the state the state of publication of Bildarchiv Foto marburg in the ATHENA tool: some datasets are ready to be harvested by Europeana (they have the Europeana logo beside) and others are only tests so they have not been published for the Europeana harvesting.



Overview

An overview of all the imports and items per organization and per uploader:

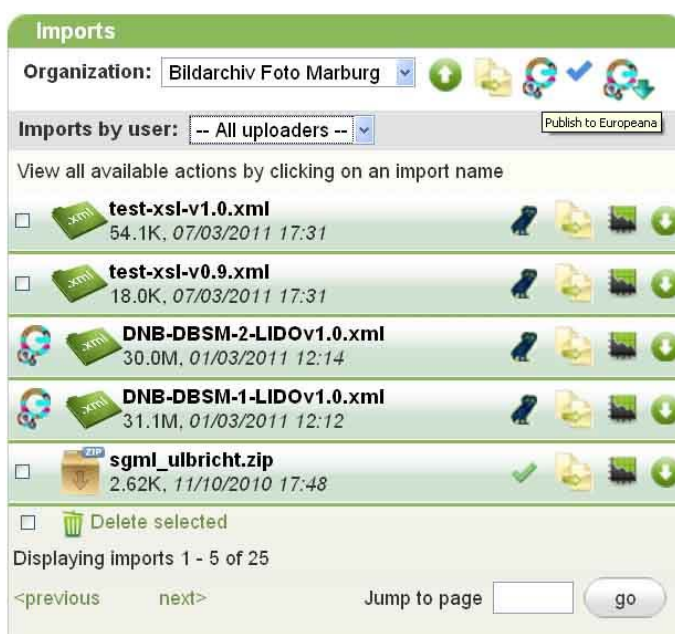


FIG. 7 - XML sets report. The Europeana logo on the left shows that data have been published.

Content providers can also check their records in XML LIDO (FIG. 8), XML ESE (FIG. 9), and as they may be shown in Europeana (FIG. 10), so to eventually modify them before the effective publication.

```

XML Transformed
Input XML LIDO  Output XML (ESE)  Europeana

<?xml version="1.0" encoding="UTF-8"?>
<lido:lidoWrap xmlns:lido="http://www.lido-schema.org"
xmlns:xsi="http://www.w3.org/XML/1998/namespace"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.lido-schema.org
http://www.lido-schema.org/schema/v1.0/lido-v1.0.xsd">
<lido:lido>
<lido:lidoRecID
lido:source="Deutsches Dokumentationszentrum für Kunstgeschichte - Bildarchiv Foto Marburg" lido:type="local">DE-
Mb112/lido-obj67004025</lido:lidoRecID>
<lido:category>
<lido:conceptID lido:type="URI">http://www.cidoc-crm.org/crm-concepts/E22</lido:conceptID>
<lido:term xml:lang="eng">Man-Made Object</lido:term>
</lido:category>
<lido:descriptiveMetadata xml:lang="deu">
<lido:objectClassificationWrap>
<lido:objectWorkTypeWrap>
<lido:objectWorkType>
<lido:term lido:encodinganalog="5230/5230">Druck</lido:term>
<lido:term lido:addedSearchTerm="yes" lido:encodinganalog="5230/523a">Bildwerk</lido:term>
</lido:objectWorkType>
</lido:objectWorkTypeWrap>
</lido:classificationWrap>
    
```

FIG. 8 – Input XML LIDO.

```

XML Transformed
Input XML LIDO  Output XML (ESE)  Europeana

view plain · print · ?
01. <?xml version="1.0" encoding="UTF-8"?>
02. <europeana:metadata xmlns:dc="http://purl.org/dc/elements/1.1/"
03.   xmlns:dcmitype="http://purl.org/dc/dcmitype/"
04.   xmlns:dcterms="http://purl.org/dc/terms/"
05.   xmlns:europeana="http://www.europeana.eu/schemas/ese/"
06.   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.europeana.eu
/schemas/ese/ http://www.europeana.eu/schemas/ese/ESE-V3.3.xsd">
07.   <europeana:record>
08.     <dc:title xml:lang="deu">Porträt von Johannes Oporinus (1507 - 1568)</dc:title>
09.     <dc:type xml:lang="deu">Druck</dc:type>
10.     <dc:description xml:lang="deu">Sachtitel: Halbfigur nach links mit Kopfbedeckung, in der Linken Buch (?), in
11.     <dc:description xml:lang="deu">Inscription: Vorlageform Verfasserangabe – unbez., Stecher vermutlich: Stimmer,
</dc:description>
12.     <dc:identifier xml:lang="deu">Inventarnummer B6-B1/P/1901</dc:identifier>
13.     <dc:description xml:lang="deu">Aufbewahrung/Standort: Deutsches Buch- und Schriftmuseum (Leipzig) </dc:descr
14.     <dc:terms:extent xml:lang="deu">147 x 90 mm (Blatt), 101 x 80 mm (Bild), 1 Ex.</dc:terms:extent>
15.     <dc:creator xml:lang="deu">Stimmer, Tobias (Zeichner)</dc:creator>
16.     <dc:creator xml:lang="deu">Murer, Christoph (Stecher)</dc:creator>
17.     <dc:creator xml:lang="deu">Jobin, Bernhard (Verleger)</dc:creator>
18.     <dc:terms:medium xml:lang="deu">Papier</dc:terms:medium>
19.     <dc:description xml:lang="deu">Technik: Holzschnitt</dc:description>
20.     <dc:terms:created xml:lang="deu">1590 [Herstellung]</dc:terms:created>
21.     <dc:relation xml:lang="deu">Reusner, Nicolaus. Imagines sive Imagines Virorum Literis illustrium ..... Straßb
    
```

FIG. 9 – Output XML ESE.

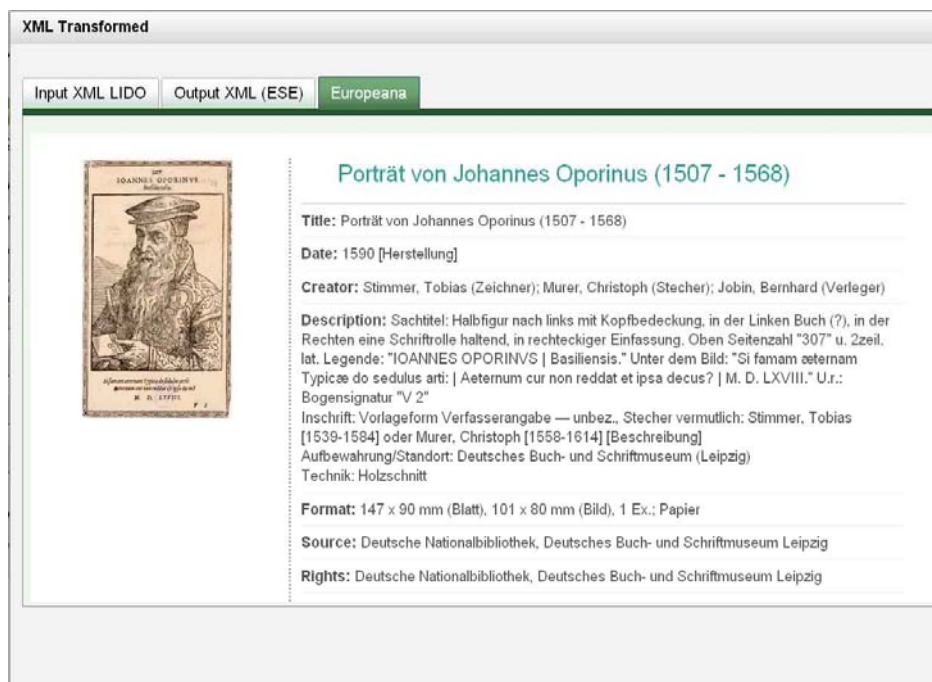


FIG. 10 - Europeana preview.

The result in Europeana: 3,798,121 items provided by the Athena Project are currently online. With the finalization of the Europeana publication will be available on line more than 4 M data, which will increase with the participation of new cultural institutions, and new data in the next future.

Step 5 – Training and training material

Face-to-face lessons are the best way to train content providers on the mapping to LIDO and the use of the ingester; training workshops were organised in cooperation with WP3 and 7 in:

- Athens (November 2009)
- Rome (January 2010)
- Berlin (January 2010)
- Ljubljana (June 2010)
- Athens (February 2011)

Different periods and places allowed almost all content providers to participate. In Rome and Ljubljana it was also possible to show live via streaming the complete workshops; the videos are published on the ATHENA website in the section of training material, together with all the other tools and guidelines to support content providers in the use of LIDO and the ingester¹:

- The ATHENA LIDO Mapping Worksheet
- An ATHENA Ingester Tutorial
- A set of Basic Rules for Mapping
- A set of Guidelines on the Use of the ATHENA Ingester
- A set of Guidelines for Publication on Europeana

¹ <http://www.athenaeurope.org/index.php?en/159/training>.

- Some Clarifications concerning the ATHENA server
- Step by Step IPR guide¹

Step 6 – ATHENA help desk

As soon as the ingestion phase started up, a helpdesk was created to support the content providers (athena-helpdesk@amitie.it). Thanks to the cooperation among WPs 3, 5, and 7, any kind of critical issue could be shared and discussed: leaders and experts of these groups answered questions concerning mapping (WP3), technical procedures (WP7), and collection management (WP5), as well as the relationship with Europeana. Providers could join the group upon subscription².

The service has proved to be an important support both in providing solutions both in sharing problems and experiences during all the ingestion process.

¹ <http://www.athenaeurope.org/index.php?en/192/step-by-step-ipr-guide>

² Registration form at <http://www.athenaeurope.org/index.php?en/157/registration-form-athena-technical-help-desk-mailing-list>.

3. Criticisms

It is useless to hide the fact that a process of aggregation of metadata as a whole involved many difficulties.

First, there were some technical criticisms:

- the system managing the digital collections needed to be re-engineered: this caused many delays;
- as every software, sometimes the systems managing the partner digital collections could brake down and could be was necessary too much time to recover it;
- software bugs (both of the ATHENA ingester and of Europeana)
- metadata were not associated to digital objects (text, image, audio and video) like catalogue library records: they are rejected by Europeana. When the ATHENA proposal was written, Europeana didn't have yet a clear content strategy and it was not acknowledged that metadata only were not enough;
- rich metadata but low quality images (this, for museum objects, is a terrible criticisms!)
- customisation of metadata standards: difficult interoperability.

Then, management difficulties arose:

- the collections put at ATHENA's disposal were partially digitised: at the time of the proposal the content providers assumed that the digitisation process would have been completed for the beginning of the project;
- same collections in ATHENA, Europeana and related projects (which rules for directing the traffic?);
- the collection manager changed or moved to another office: there was a vacancy for some time and then the new manager needed to be trained and informed over again;
- copyright issues: some institutions didn't have the complete ownership of the rights on the digital collections, in particular on those resulting from a joint work carried out with other cultural bodies. This caused delays for the right clearance or the cancellation of the collection;
- synchronisation of the activities within the ATHENA consortium and then with Europeana. Metadata face 2 or 3 different aggregation steps¹ from the providing museum to Europeana: a delay in one of these steps breaks the plane of aggregation with a snowball effect.

And finally aggregation problems:

- mapping errors;
- thumbnail blurring;
- problems with image caching by Europeana;
- possible lack of visibility of content providers in Europeana (if metadata are provided via an aggregator).

All these critical issues generated a mass of hundreds of conversations with the ATHENA helpdesk and the Europeana ingestion team in an attempt at solving them:

'G. asked me to fix dcterms:title and change it to dc:title, map dc:source to europeana:dataProvider, leave dc:description as it is. I cannot change the display

¹ Museum > ATHENA > Europeana [2 steps] OR Museum > aggregator (national, thematic, regional) > ATHENA > Europeana [3 steps].

order of dc:extent. Dc;Type was another issue I now mapped it to dc:subject because this fits better. I tried to differentiate between dc:type and dc:subject but currently this information is all mapped to dc:type in the input file and there is no pattern that I could filter for. Not all items contain a true dc:type as first element in their metadata’.

Problem solving was not always easy and of course bad digitisations couldn’t be changes; nonetheless, the final satisfying results of the projects demonstrated a strong cohesion of the activity leaders in managing as a whole both technical and management criticisms.

Technical criticisms were overcome thanks to the refinement of the mapping procedures (by providers) or the ingester (by NTUA); by the other hand, the Europeana ingestion team was very active in trying to manage the criticisms due to their system. WP5 tried to solve problems connected the digital collections that were put at the project’s disposal.

Collection criticisms

Criticisms concerning collections were illustrated in details during the first ATHENA review and in the management deliverables¹. This mainly concerned collection overlappings.

The overlapping of content i.e. same collections in ATHENA and Europeana or other related projects were faced in agreement with Europeana as follows:

- in case of same collections in ATHENA and Europeana, the collections could be provided to Europeana directly and eventually to ATHENA only to test the ingester and LIDO (as, for instance, for Collections – the French culture portal – or English Heritage)
- the provider managed to give both to Europeana and ATHENA different digital collections (e.g. Ministry of Education and Culture and Department of Antiquities from Cyprus, CIMEC, etc.);
- the provider goes to the project that better fits the content: e.g. archives partners of the ATHENA consortium agreed to reach Europeana through APEnet, the archive aggregator, or AV archives passed to EFG (this is for Greek Film Archive).

ATHENA WP5 worked in close cooperation with the Europeana office to avoid other overlapping and to fulfil what was written in the Description of Work.

The Europeana agreements

The Europeana agreements as they are now are not a critical issue since they have been accepted by the ATHENA content providers; nonetheless, when they were published as a draft they created an immense uproar across the ATHENA community and some content providers weren’t favourable anymore to supply Europeana with their data. This fact took time and work to be overcome.

In 2009 Europeana issued the licensing framework, the agreements for providers and for aggregators, to regulate the publication and use of the metadata. Before the final release the agreements circulated among the Europeana projects’ communities for feedbacks. Those ones

¹ See in particular **D1.2 ‘First annual report’** pp. 28-30.

expressed by the ATHENA consortium were collected into a document¹ (issued in January 2010) that was sent to Europeana whose general feeling can be resumed as follows:

'We think that Europeana is asking for way too many rights from the museums'
(W. S., Bibliotheksservice-Zentrum Baden-Württemberg).

The main concern of the European museums was that the commercial use of the metadata must be explicitly excluded. For the museum communities the metadata of museum objects can be considered as small essays and moral rights lies on them.

The final version of the agreements took care of excluding the commercial purpose and, as a consequence, they were accepted by the ATHENA consortium. However, partners asked the project coordinator to regulate the data transfer to Europeana with written formal authorisation referring to the Europeana Licence Agreement²; this passage was not expressed in the Description of Work or requested by Europeana but was helpful to clear duties and rights of all parties.

By the way at the end 2010 Europeana published the first draft of the Data Exchange Agreement that will substitute the previous licences. The ATHENA consortium contributed to the development of this new regulating framework participating at the expert meetings and organising in April 2011 a workshop in Brussels on Europeana's Data Exchange Agreement in order to discuss all the arisen concerns³.

This new agreements requires that all resources are made available to Europeana with a CC0 Public Domain Dedication licence. The main purpose for this major change is the possibility to publish Europeana data as Linked Open Data (LOD); according to Europeana it is necessary to remove the non-commercial close for working with LOD and this frightened some ATHENA partners that instead would like to be sure that their resources are used only for discovery purposes within Europeana.

The switch toward the Data Exchange Agreement still didn't happen but it is now clear that the direction that Europeana will take is to include the possibility to reuse data as LOD. After the end of the ATHENA project partners will be contacted by Europeana and invited to sign the new licence⁴ but currently some of them is still doubtful.

1 'Europeana Data Aggregator Agreement: ATHENA comments'.

2 See details in D1.3 'Second Periodic Report' pp. 12-13.

3 'Europeana Consultation on New Data Provider and Aggregator Agreement: ATHENA partners' comments', 15 January 2011. See D 1.5 'Final report' for detail on the issue.

4 See D1.5 'Sustainability concept'.

4. Lesson Learnt

Setting up the ingestion tool and the ingestion procedures was instructive for the ATHENA stakeholders. Many are the lessons learnt, some evident, and others less:

- every content aggregation process, including the Europeana one, is a constantly evolving practice and the technical aspects are relatively relevant: timing and human factor ('the metadata expert is going on holiday; we should postpone the image caching' -!-) are equally relevant;
- the importance of respecting technical guidelines and standards in the digitisation process, so to build interoperable systems. Unfortunately the lack of application of standards or – which is worth – the customisation of standards (that become, de facto, non-standards) is widespread yet.
- training on digitisation, at both basic and professional levels, for museums experts in particular. Domains other than museum one, library for instance, are more used to apply standards for the cataloguing, creation and management of digital resources;
- expert networking for problem solution: the example of the ATHENA helpdesk was an illuminating example;
- the 'human interoperability', i.e. the will to cooperate between ICT and cultural heritage experts is the *conditio sine qua non* for the realisation of huge initiative like ATHENA.

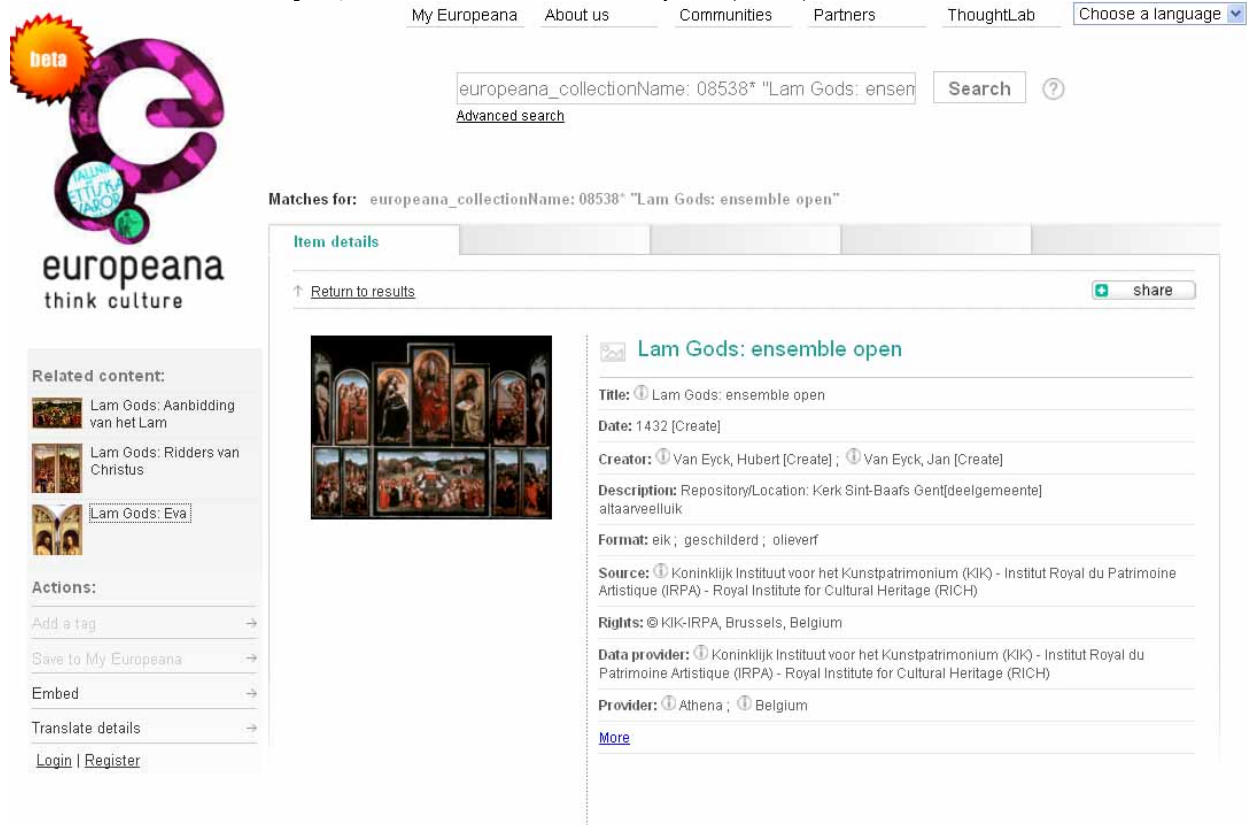
5. Masterpieces

ATHENA is not only the largest Europeana aggregator, but also a provider of masterpieces. Some of them – real world heritage - were already introduced in deliverable 5.3: from Giotto's painting to the Parthenon's marbles, from Damien Hirst works to Alvar Aalto drawings, etc1.

Some of these masterpieces were showed during the ATHENA final conference; afterwards many other content providers highlighted the main pieces of the collections they provided (or are providing to Europeana). Some examples follow; captions have been given by collection managers to motivate their choices.

BELGIUM

Royal Institute for Cultural Heritage (KIK-IRPA) - Brussels
 Jan and Hubert Van Eyck, 'Lam Gods: ensemble open' (1432)



The screenshot shows the Europeana website interface. At the top, there are navigation links: My Europeana, About us, Communities, Partners, ThoughtLab, and a language selection dropdown. A search bar contains the query: europeana_collectionName: 08538* "Lam Gods: ensem". Below the search bar is a search button and a help icon. The search results show a match for the query. The main content area displays the item details for 'Lam Gods: ensemble open'. On the left side, there is a sidebar with the Europeana logo and 'think culture' tagline, a 'Related content' section with three items, and an 'Actions' section with links for 'Add a tag', 'Save to My Europeana', 'Embed', and 'Translate details'. The item details section includes a thumbnail image of the painting, a title, date (1432), creator (Van Eyck, Hubert and Van Eyck, Jan), description, format, source, rights, data provider, and provider information.

One of the most important pieces of the KIK-IRPA collection in Europeana is the "Ghent Altarpiece" ("Lam Gods"/ "Agneau Mystique") painted by the brothers Jan and Hubert Van Eyck in 1432 and a world masterpiece of the Flemish primitives. It is in the Saint-Bavon cathedral in Ghent (Belgium).

1 D5.3 'Core Content Map for the Recognition of Digital Cultural Heritage Content' pp. 15-17.

CZECH REPUBLIC

Národní muzeum - Prague




My Europeana | About us | Communities | Partners | ThoughtLab | Choose a language ▾

[Advanced search](#)

Matches for: plastika antropomorfni

Item details

[↑ Return to results](#) [share](#)



Plastika antropomorfni

Title: [Plastika antropomorfni](#)

Date: [laten \[Create\]](#)

Description: [Archeologie](#)

Source: [Národní muzeum, National Museum, Czech Republic](#)

Data provider: [Národní muzeum, National Museum, Czech Republic](#)

Provider: [Athena](#) ; [Czech Republic](#)

[More](#)

[View in original context](#)
Opens in a new window

Related content:



Poniky kostol
r.k.sv.František



Poniky kostol
r.k.sv.František



Poniky kostol
r.k.sv.František

Actions:

[Add a tag](#) →

[Save to My Europeana](#) →

[Embed](#) →

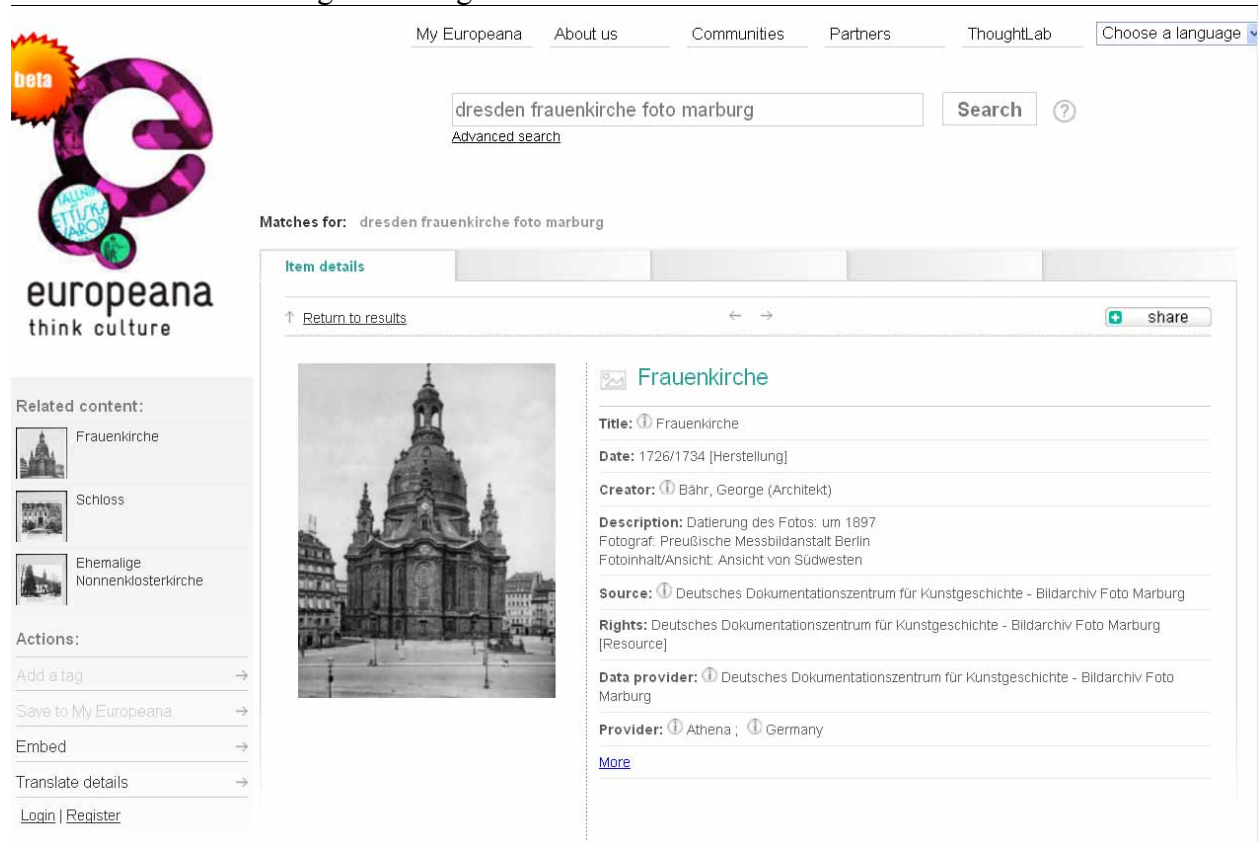
[Translate details](#) →

[Login](#) | [Register](#)

The most important item for the National Museum is the stone head wearing a torc from Mšecké Žehrovice (late La Tène culture). This masterpiece is a symbol for Celtic habitation in Bohemia and it is mentioned in all books about Celts.

GERMANY

Bildarchiv Foto Marburg - Marburg



The screenshot shows the Europeana website interface. At the top, there are navigation links: "My Europeana", "About us", "Communities", "Partners", "ThoughtLab", and "Choose a language". A search bar contains the text "dresden frauenkirche foto marburg" with a "Search" button and a help icon. Below the search bar, it says "Matches for: dresden frauenkirche foto marburg".

The main content area displays "Item details" for "Frauenkirche". On the left, there is a "Related content" section with three items: "Frauenkirche", "Schloss", and "Ehemalige Nonnenklosterkirche". Below this is an "Actions" section with links for "Add a tag", "Save to My Europeana", "Embed", and "Translate details". At the bottom left, there are links for "Login" and "Register".


The "Item details" section features a large photograph of the Frauenkirche in Dresden. To the right of the photo, the following metadata is displayed:

- Title:** Frauenkirche
- Date:** 1726/1734 [Herstellung]
- Creator:** Bähr, George (Architekt)
- Description:** Datierung des Fotos: um 1897
Fotograf. Preußische Messbildanstalt Berlin
Fotoinhalt/Ansicht. Ansicht von Südwesten
- Source:** Deutsches Dokumentationszentrum für Kunstgeschichte - Bildarchiv Foto Marburg
- Rights:** Deutsches Dokumentationszentrum für Kunstgeschichte - Bildarchiv Foto Marburg [Resource]
- Data provider:** Deutsches Dokumentationszentrum für Kunstgeschichte - Bildarchiv Foto Marburg
- Provider:** Athena ; Germany




A "More" link is located at the bottom of the metadata section.

The Lutheran church "Frauenkirche" in Dresden, Germany was built in the 18th century, and was destroyed in the firebombing of Dresden during World War II. It has been reconstructed as a landmark symbol of reconciliation. The photographic view of the church was taken in 1897.

Universitätsbibliothek Heidelberg - Bibliotheca Palatina Baden-Württemberg - Heidelberg
 Codex Manesse



Related content:

-  Große Heidelberger Liederhandschrift (Codex Maness...
-  Große Heidelberger Liederhandschrift (Codex Maness...
-  Große Heidelberger Liederhandschrift (Codex Maness...

Actions:

- Add a tag →
- Save to My Europeana →
- Embed →
- Translate details →


[Login](#) | [Register](#)

[Advanced search](#)



Matches for: **codex manesse vogelweide**

Item details



↑ [Return to results](#) → [share](#)






Große Heidelberger Liederhandschrift (Codex Manesse)

Title:  Große Heidelberger Liederhandschrift (Codex Manesse)
 Herr Walther von der Vogelweide

Description: Aufbewahrung/Standort: Universitätsbibliothek Heidelberg
 Beschreibung: Bis heute ist keine Familie nachgewiesen, die zu Walthers Zeiten seinen Namen trug. "Vogelweide" ist ein nicht seltener Flurname, der den Nist- oder Rastplatz von Zug- und Wandervögeln bezeichnet. Nach seinen eigenen Worten "ze Osterreich lern ich singen unde sagen" stammte er vielleicht aus Österreich. Es wird vermutet, daß er um 1170 geboren wurde und um 1230 starb. Einer Nachricht aus dem 14. Jahrhundert nach wurde er im Kreuzgang des Neumünsters in Würzburg beigesetzt.
 Material/Technik: Pergament, Deckfarbenminiaturen

Source:  BAM Portal
 Universitätsbibliothek Heidelberg

Data provider:  BAM Portal / Universitätsbibliothek Heidelberg

Provider:  Athena ;  Germany


[More](#)

[View in original context](#)
 Opens in a new window




The exquisitely illuminated large format manuscript is one of the most famous medieval manuscripts. It was created at the beginning of the 14th century in Zurich presumably due to the initiative of Johann and Rüdiger Manesse. The manuscript unites the entire range of Middle High German lyric, in its diversity of form and genre. The oldest texts in the Codex Manesse reach back as far as the mid 12th century, and many of the poems are uniquely documented here: The Codex Manesse is, thus, one of the key testimonies for the literature and culture of the Staufer dynasty.

Münzkabinett SMB - Berlin

Decadrachm, Athens 467-450 BC



Related content:

-  Athen
-  Athen
-  Athen

Actions:

- Add a tag →
- Save to My Europeana →
- Embed →
- Translate details →
- [Login](#) | [Register](#)


[My Europeana](#) | [About us](#) | [Communities](#) | [Partners](#) | [ThoughtLab](#) | [Choose a language](#)


[Advanced search](#)


Matches for: 18200870

Item details

[Return to results](#) [share](#)




 **Athen**

Title:  Athen


Date: -467-450 [Create]



Description: Aufbewahrung/Standort: Münzkabinett, Staatliche Museen zu Berlin - Stiftung Preußischer Kulturbesitz
 Vorderseite: Kopf der Athena nach r. Die Göttin trägt Ohrschmuck und einen attischen Helm, der mit drei senkrecht stehenden Olivenblättern geschmückt ist. Rückseite: A-Θ-E. In Vorderansicht aufrecht stehende Eule mit abgespreizten Flügeln in einem vertieften Viereck (sog. quadratum incusum), im I. F. oben ein Olivenzweig mit zwei Blättern.>

Format: D: 35 mm, Gewicht: 42,60 gr ; Material: Silber

Source:  Münzkabinett der Staatlichen Museen zu Berlin - Preußischer Kulturbesitz

Rights: Münzkabinett der Staatlichen Museen zu Berlin - Preußischer Kulturbesitz

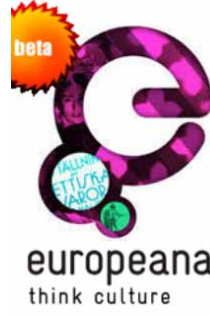
Data provider:  Münzkabinett der Staatlichen Museen zu Berlin - Preußischer Kulturbesitz

Provider:  Athena ;  Germany




[More](#)

This particular coin is a decadrachm, a silver coin worth 10 drachmas. Tetradrachms (i.e. coins to four drachmas) were common in Athens. The decadrachm towered over all other Athenian coins in size and weight of this coin - one of the best preserved - comes from the almost 11,000 coins comprehensive collection of the ambassador at the Sublime Porte (the Ottoman Empire) and in Athens, the earl Anton Prokop von Osten (1795 -1876), which was acquired in 1875 by coin collection.

Denar of Charlemagne (800-814)



Related content:

-  Karolinger: Karl der Große
-  Karolinger: Karl der Große
-  Karolinger: Karl der Große

Actions:

- Add a tag →
- Save to My Europeana →
- Embed →
- Translate details →
- [Login](#) | [Register](#)


My Europeana | [About us](#) | [Communities](#) | [Partners](#) | [ThoughtLab](#) | [Choose a language](#)

[Advanced search](#)

Matches for: 18202748

Item details

[Return to results](#) [share](#)



Karl der Große

Title: Karl der Große

Date: 800/814 [Create]

Description: Aufbewahrung/Standort: Münzkabinett, Staatliche Museen zu Berlin - Stiftung Preußischer Kulturbesitz
Vorderseite: KAROLVS IMP AVG Karolus Imperator Augustus. Büste Karls des Großen mit Lorbeerkranz und Kaisermantel (paludamentum) nach r. Unter der Büste F. Rückseite: XPICTIANA RELIGIO Christiana Religio. Viersäulige Kirche, im Frontjoch und auf dem Giebel je ein Kreuz.>

Format: D: 20 mm, Gewicht: 1,71 gr ; Material: Silber

Source: Münzkabinett der Staatlichen Museen zu Berlin - Preußischer Kulturbesitz

Rights: Münzkabinett der Staatlichen Museen zu Berlin - Preußischer Kulturbesitz

Data provider: Münzkabinett der Staatlichen Museen zu Berlin - Preußischer Kulturbesitz

Provider: Athena ; Germany

[More](#)

Few Charlemagne issued coins show the portrait of the emperor. This is the most beautiful coins under the portrait of Charlemagne. It was either marked the occasion of the coronation of the year from 800 to 812 or recognition of the empire of Charlemagne by Byzantium and shows us a life-temporal portrait of the emperor.

Otto-Lilienthal-Museum - Anklam Wanddampfmaschine



My Europeana About us Communities Partners ThoughtLab Choose a language

Dampfmaschine Lilienthal


Search ?

[Advanced search](#)

Matches for: Dampfmaschine Lilienthal

Item details

[Return to results](#) [share](#)



No. 137, Maschinenfabrik Otto Lilienthal

Title: No. 137, Maschinenfabrik Otto Lilienthal

Date: 1889 [Create]

Creator: Lilienthal [Create]

Source: Otto-Lilienthal-Museum Anklam

Rights: Otto-Lilienthal-Museum Anklam


Data provider: Otto-Lilienthal-Museum Anklam

Provider: Athena ; Germany

[More](#)

[View in original context](#)
Opens in a new window

Related content:

 Lilienthal: "Der Vogelflug ..." mit Widmung Gustav...

 Lilienthal, Otto

 Lilienthal, Otto

Actions:

[Add a tag](#) →

[Save to My Europeana](#) →

[Embed](#) →

[Translate details](#) →

[Login](#) | [Register](#)

The acquisition of Lilienthal'schen Wanddampfmaschine (wall steam engine) from Australia was an internationally acclaimed sensation fund. It is the only remaining mechanical product of the factory "Otto Lilienthal" that was also just the first aircraft factory in the world.

Domäne Dahlem - Berlin

"Döner mit Getränk"



My Europeana About us Communities Partners ThoughtLab Choose a language ▾



[Advanced search](#)

Matches for: Domäne Dahlem

Item details

[Return to results](#)



[share](#)



Kunstobjekt "Döner mit Getränk"

Title: Kunstobjekt "Döner mit Getränk"

Date: 2003 [Create]

Creator: Patricia Waller

Description: Aufbewahrung/Standort: Stiftung Domäne Dahlem
 Das Kunstwerk zeigt einen Döner mit Getränk und ist gehäkelt bzw. wird geformt durch Styropor und Watte. Der Döner ist mit gehäkelten Zutaten wie Zwiebeln, Fleisch, Tomaten, Mais, Salat und dem Brötchen verschiedenfarbig zusammengesetzt. Der Getränkebecher ist dunkelblau mit einer weißen Linie und weißem Deckel. Der ebenfalls umhäkelt, zugehörige Trinkhalm ist in hellem Blau und leicht abgeknickt dargestellt. Die Objekte beinhalten eine formgebende und -stützende Struktur, sodass diese in Stabilität und Gewicht den Originalen nachempfunden sind. Die Kunstobjekte sind in Originalgröße von der Künstlerin Patricia Waller als Auftragswerk für die Domäne Dahlem 2003 geschaffen worden. Die in Karlsruhe lebende Künstlerin Patricia Waller schafft Häkelskulpturen und hat sich dabei mehrfach sch...

Format: Höhe: 10 / 28; Durchmesser: 16 / 9,5

Source: Stiftung Domäne Dahlem

Rights: Stiftung Domäne Dahlem

Data provider: Stiftung Domäne Dahlem

Provider: Athena ; Germany

[More](#)

Related content:

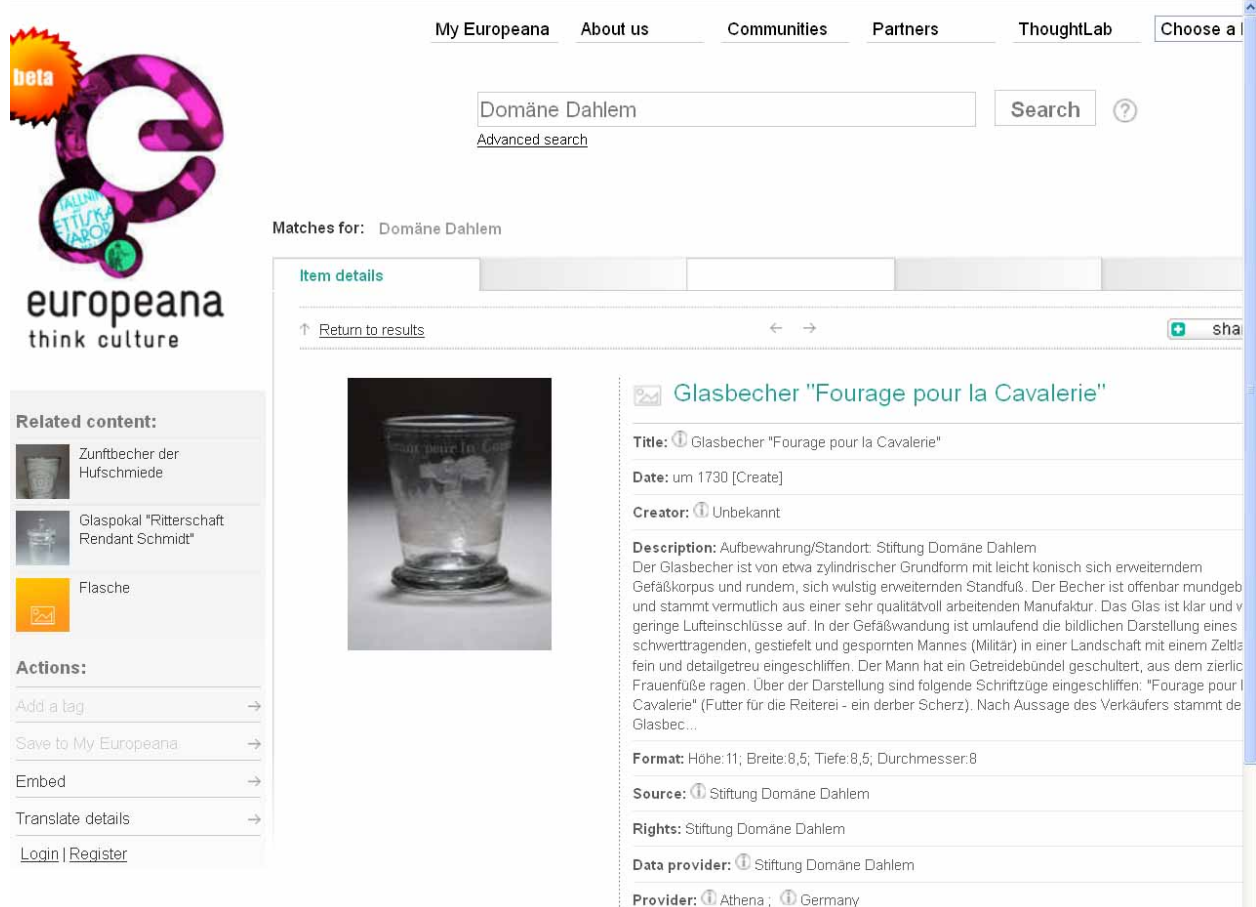
-  [Kunstobjekt "Bratwurst mit Senf und Bierflasche"](#)
-  [Kunstobjekt "Hot Dog mit Bierdose"](#)
-  [Kunstobjekt "Pizzastück mit Coladose"](#)

Actions:

- [Add a tag](#) →
- [Save to My Europeana](#) →
- [Embed](#) →
- [Translate details](#) →
- [Login](#) | [Register](#)

The artwork shows a kebab with a beverage and is crocheted and is formed by polystyrene and cotton wool. The art object created by the artist Patricia Waller within the "Eat Art"; it was produced as a commission for the exhibition "Imbissbuden" in 2003. Your crochet pieces offer a new perspective on well-known and distinguished by a humorous irony.

Cup "Fourage pour la Cavalerie"



beta

My Europeana About us Communities Partners ThoughtLab Choose a

Domäne Dahlem Search ?
[Advanced search](#)

Matches for: Domäne Dahlem

Item details

↑ [Return to results](#) ← → [sha](#)

Glasbecher "Fourage pour la Cavalerie"

Title: Glasbecher "Fourage pour la Cavalerie"

Date: um 1730 [Create]

Creator: Unbekannt

Description: Aufbewahrung/Standort: Stiftung Domäne Dahlem
 Der Glasbecher ist von etwa zylindrischer Grundform mit leicht konisch sich erweiterndem Gefäßkorpus und rundem, sich wulstig erweiterndem Standfuß. Der Becher ist offenbar mundgebund und stammt vermutlich aus einer sehr qualitativ arbeitenden Manufaktur. Das Glas ist klar und von geringen Lufteinschlüssen auf. In der Gefäßwandung ist umlaufend die bildliche Darstellung eines schwertragenden, gestiefelt und gespornten Mannes (Militär) in einer Landschaft mit einem Zeltlager. Die Darstellung ist fein und detailgetreu eingeschliffen. Der Mann hat ein Getreidebündel geschultert, aus dem zierlich Frauenfüße ragen. Über der Darstellung sind folgende Schriftzüge eingeschliffen: "Fourage pour la Cavalerie" (Futter für die Reiterei - ein derber Scherz). Nach Aussage des Verkäufers stammt der Glasbecher aus Potsdam.

Format: Höhe: 11; Breite: 8,5; Tiefe: 8,5; Durchmesser: 8

Source: Stiftung Domäne Dahlem

Rights: Stiftung Domäne Dahlem

Data provider: Stiftung Domäne Dahlem

Provider: Athena ; Germany

Related content:

- Zunftbecher der Hufschmiede
- Glaspokal "Ritterschaft Rendant Schmidt"
- Flasche


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The cup is from the Potsdam area, showing the connection of military history, agriculture, and supply troops. The ingrained word "forage pour la cavalry" (fodder for the cavalry) and the accompanying image of a military man dressed with a sheaf of wheat, revealed only on closer look the another meaning: not only the ears are carried away from the bundle also project female feet.

Technomuseum - Mannheim

Lokomobile Lanz






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Matches for: lokomobil > text:technoseum

Related content:

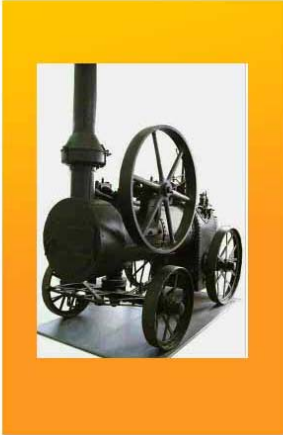
-  In der Marsch
-  Spindeluhr
-  Christian Mayer

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Lanz 600

Title: [Lanz 600](#)

Date: 1882 [Horstellung]

Creator: [Heinrich Lanz AG \(Hersteller\)](#)

Description: Aufbewahrung/Standort: Technoseum
 Beschreibung: Die Technisierung und Rationalisierung in der Landwirtschaft hatte, auch mit staatlicher Unterstützung, schon im frühen 19. Jahrhundert eingesetzt. Energiebasis blieb zunächst die Muskelkraft von Mensch und Tier. Eine neue und wesentlich leistungsstärkere Energiequelle wurde mit dem Dampfbetrieb erschlossen. Fahrbare, von Pferden gezogene Dampfmaschinen, Lokomobilen genannt, trieben vor allem Dreschmaschinen, aber auch Sägen und andere Maschinen für die Hofarbeit. Heinrich Lanz in Mannheim wirkte maßgeblich mit an diesem Technisierungsprozeß; seit 1859 als Importeur englischer Produkte, ab 1867 auch als Hersteller eigener Maschinen. Insbesondere Lokomobilen und Dampfdreschmaschinen, 1879 ins Produktionsprogramm aufgenommen, verhalfen den Lanzwerken zu Welttruhm.

Format: Breite/Tiefe: 3300.00 mm ; Gewicht: 2600.00 ; Länge: 600.00 mm

Source: [BAM Portal](#)
[Technoseum](#)

Data provider: [BAM Portal / Technoseum](#)

Provider: [Athena](#) ; [Germany](#)


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Built in Mannheim from 1879 by the Heinrich Lanz Company and sold all over the world, these portable steam engines were a milestone in the early transition process from traditional farming to industrial agriculture.

ISRAEL

The Israel Museum, Jerusalem The Temple Scroll

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Matches for: europeana_collectionName%3A08502* > text:dead sea scrolls

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Item details



The Temple Scroll

Title: The Temple Scroll

Date: Late 1st century BCE - early 1st century CE [Create]

Description: Repository/Location: Israel Museum, Jerusalem
The Temple Scroll, the longest of the Dead Sea Scrolls, contains an exposition of religious law as interpreted by its author, who apparently belonged to a dissident priestly circle. In the scroll the Lord speaks in the first person singular-as in the Torah-and the style attempts to emulate the language of the biblical book of Deuteronomy. However, numerous slips betray the late origin of the first copy of the text, probably the second century BCE. Five major subjects are dealt with in this scroll: the Temple, royal statutes, the feasts and their sacrifices, the Temple City, and laws of purity. More than half the scroll is devoted to the Temple and the Temple City hence the name given to it by its first editor, the archaeologist Yigael Yadin. It is clear that the author of the scroll considered the existing Temple (the Second Temple was standing in Jerusalem at the time he wrote) a defilement of God's intention, an aberration that would be rectified at the end of days with a sufficiently pure edifice erected. Presenting his vision as divine instruction, he described the ideal building - a structure of enormous size - its sacred surroundings, and its cult in great detail.


Format: L: 875 cm ; Parchment

Rights: Purchased for the Shrine of the Book with the aid of a grant from the Wolfson Foundation Israel Museum, Jerusalem
Photo © IMJ, by David Harris [Resource]


Data provider: Israel Museum, Jerusalem

Provider: Athena ; Europe


Related content:



Historiated Initial To Deuteronomy, In 'The Ashrid...



Temple Church, Inner and Middle Temples, City of L...



Temple Church, Inner and Middle Temples, City of L...

Actions:

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The Israel Museum's best known collection are the Dead Sea Scrolls, the manuscripts which are hosted in the Shrine of The Book. They include The Great Isaiah Scrolls, the oldest biblical manuscripts in the world — as well as several other rare early medieval biblical manuscripts. The Temple Scroll, which is the longest of the Dead Sea Scrolls, the Lord speaks in the first person singular, as He does in the Torah, and the style emulates the language of the biblical book of Deuteronomy.

LITHUANIA

Lithuanian Art Museum Sculpture “The Last Supper”




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Paskutinė vakarienė

Title: Paskutinė vakarienė

Creator: Hipolitas Burneika

Description: Daugiafigūrė skulptūrinė kompozicija – viena rečiausių Kristaus gyvenimo scenų lie liaudies skulptūroje. Prie pailgo stalo sėdi trylika figūrų. Svarbiausias asmuo – Kristus. Šalia jo, iš abiejų pusių, sėdi po šešis apaštalus. Figūros nedidelės, kresnos, sukurtos iš atskirų detalių. Fon plastika paprasta. Vyrauja pilkos, rudos, juodos spalvos deriniai. Apaštalų veidai susikaupę, rūstūs: stalo guli iš medžio išdrožti šaukštai, dubenėliai, puodukai, duonos kepalukai. Vieniša ir vaikiškai primityvi skulptūrinė grupė yra unikali ir nepakartojama. Lietuvos dailės muziejus įsigijo 1964 m. Kuršėnuose (Šiaulių rajone).
 Repository/Location: Lietuvos dailės muziejus / Lithuanian Art Museum

Format: Medis, dažai ; h 20 cm, l 40 cm, pl. 9,5 cm

Source: Lietuvos dailės muziejus / Lithuanian Art Museum




Rights: Lietuvos dailės muziejus / Lithuanian Art Museum

Data provider: Lietuvos dailės muziejus / Lithuanian Art Museum

Provider: Athena ; Lithuania

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Related content:

-  Bėgimas į Egiptą
-  Šv. Izidorius
-  Kryžius „Paskutinė vakarienė“, „Šv. Izidorius“

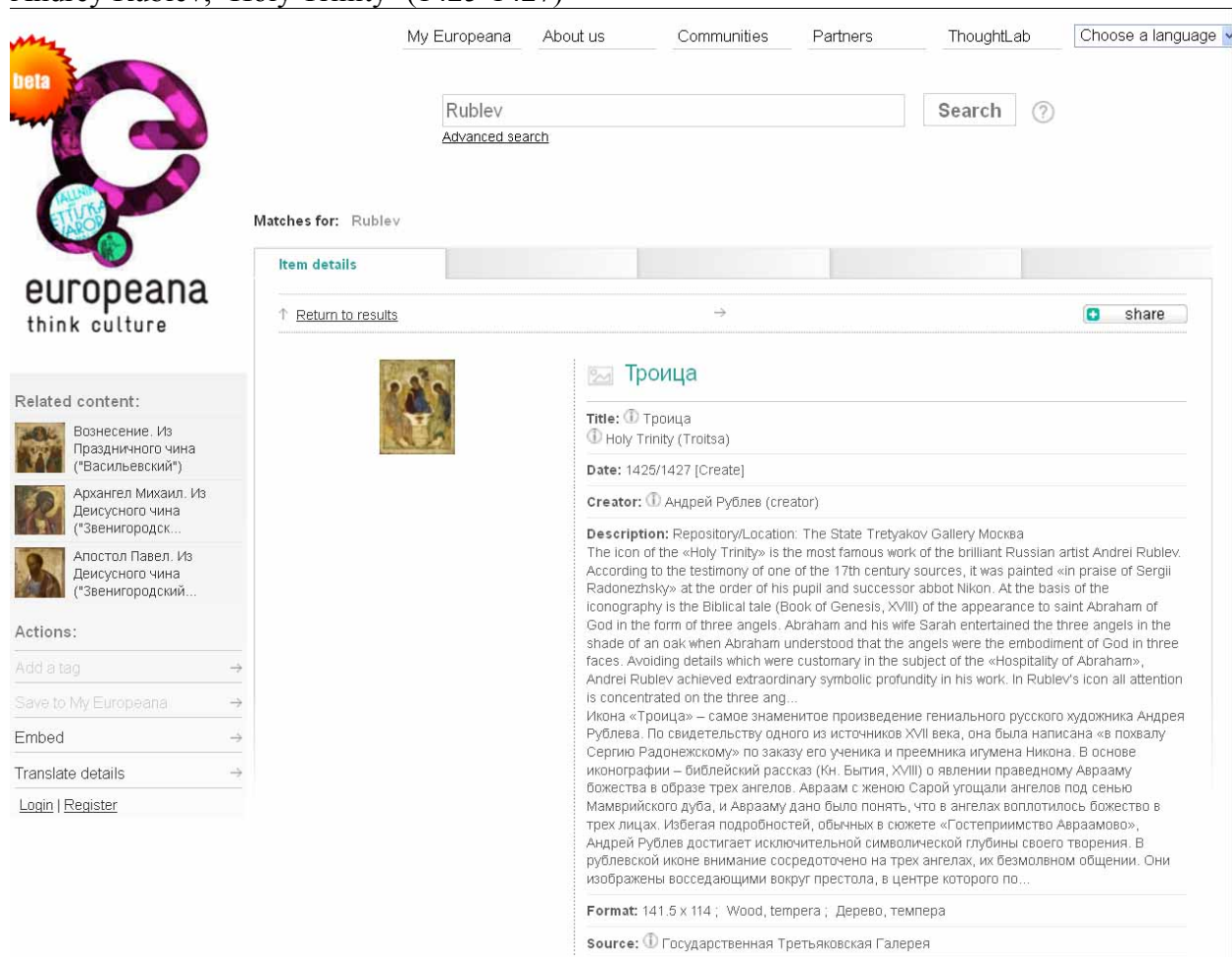
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It is a piece of folk art sculpture made in the beginning of the 20th century by folk artist Hipolitas Burneika. The title is “The Last Supper”. Represented by the multi-figure sculptural composition, this particular scene of the life of Christ is one of the rarest examples of Lithuanian folk art. There are 13 figures sitting by the table – the Christ at the centre and apostles around him. The figures are small and stumpy, composed of separate parts. There are many small objects like spoons, plates and cups on the table. United, infantile and primitive this sculptural group is a unique work of art. It has been acquired by the Lithuanian Art Museum in 1964 from the village of Kuršėnai where it was made.

RUSSIA

The State Tretykov Gallery Andrey Rublev, 'Holy Trinity' (1425-1427)



The screenshot shows the Europeana website interface. At the top, there are navigation links: 'My Europeana', 'About us', 'Communities', 'Partners', 'ThoughtLab', and a language selection dropdown. A search bar contains the text 'Rublev' with a 'Search' button and a help icon. Below the search bar, it says 'Matches for: Rublev'. The main content area is titled 'Item details' and features a thumbnail of the 'Holy Trinity' icon. To the right of the thumbnail, the title is 'Троица' (Trinity) and the English translation 'Holy Trinity (Troitsa)'. The date is listed as '1425/1427 [Create]' and the creator as 'Андрей Рублев (creator)'. A detailed description follows, explaining the icon's significance and the artist's use of symbolism. Below the description, the format is given as '141.5 x 114 ; Wood, tempera ; Дерево, темпера' and the source as 'Государственная Третьяковская Галерея'. On the left side of the page, there is a 'Related content' section with three items: 'Вознесение. Из Праздничного чина ("Васильевский")', 'Архангел Михаил. Из Деисусного чина ("Звенигородск...)", and 'Апостол Павел. Из Деисусного чина ("Звенигородский...)". Below this is an 'Actions' section with links for 'Add a tag', 'Save to My Europeana', 'Embed', and 'Translate details', along with 'Login' and 'Register' links.

The icon of the «Holy Trinity» is the most famous work of the brilliant Russian artist Andrei Rublev. According to the testimony of one of the 17th century sources, it was painted «in praise of Sergii Radonezhsky» at the order of his pupil and successor abbot Nikon. At the basis of the iconography is the Biblical tale (Book of Genesis, XVIII) of the appearance to saint Abraham of God in the form of three angels. Abraham and his wife Sarah entertained the three angels in the shade of an oak when Abraham understood that the angels were the embodiment of God in three faces. Avoiding details which were customary in the subject of the «Hospitality of Abraham», Andrei Rublev achieved extraordinary symbolic profundity in his work. In Rublev's icon all attention is concentrated on the three angels and their silent exchange. They are depicted as seated around an altar in the center of which there is a chalice of the Eucharist with the head of a sacrificial calf which symbolises the lamb of the New Testament, i.e., Christ. The left and centre angels bless the chalice. God the Father blesses God the Son for death on the cross in the name of love for people. God the Holy Spirit (the right angel) is present here to provide comfort, confirming the high logic of sacrificial, all-forgiving love. The content of the «Holy Trinity» is ambiguous. The monument is multi-faceted in its themes. Firstly, it embodies the idea of the triune Divinity. During the times of Sergii Radonezhsky and Andrei Rublev, the subject of the Trinity was understood as a symbol of spiritual unity, mutual love, the world and readiness to sacrifice oneself.

Implementation plan for taking the content into Europeana



Annex I: Ingestion plan

See the reserved area of the ATHENA website.