

AthenaPlus

**Bridging the terminology gap – access to museum content in Europeana:
A report on achievements from the EC co-funded ATHENA-PLUS-project**

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1. Project overview

- Goals
- Tools & Services
- Digital Exhibitions Working Group / DEMES

2. Bridging the terminology gap?!?

- Approach
- Multilingual indexing of museum content
- Pilot

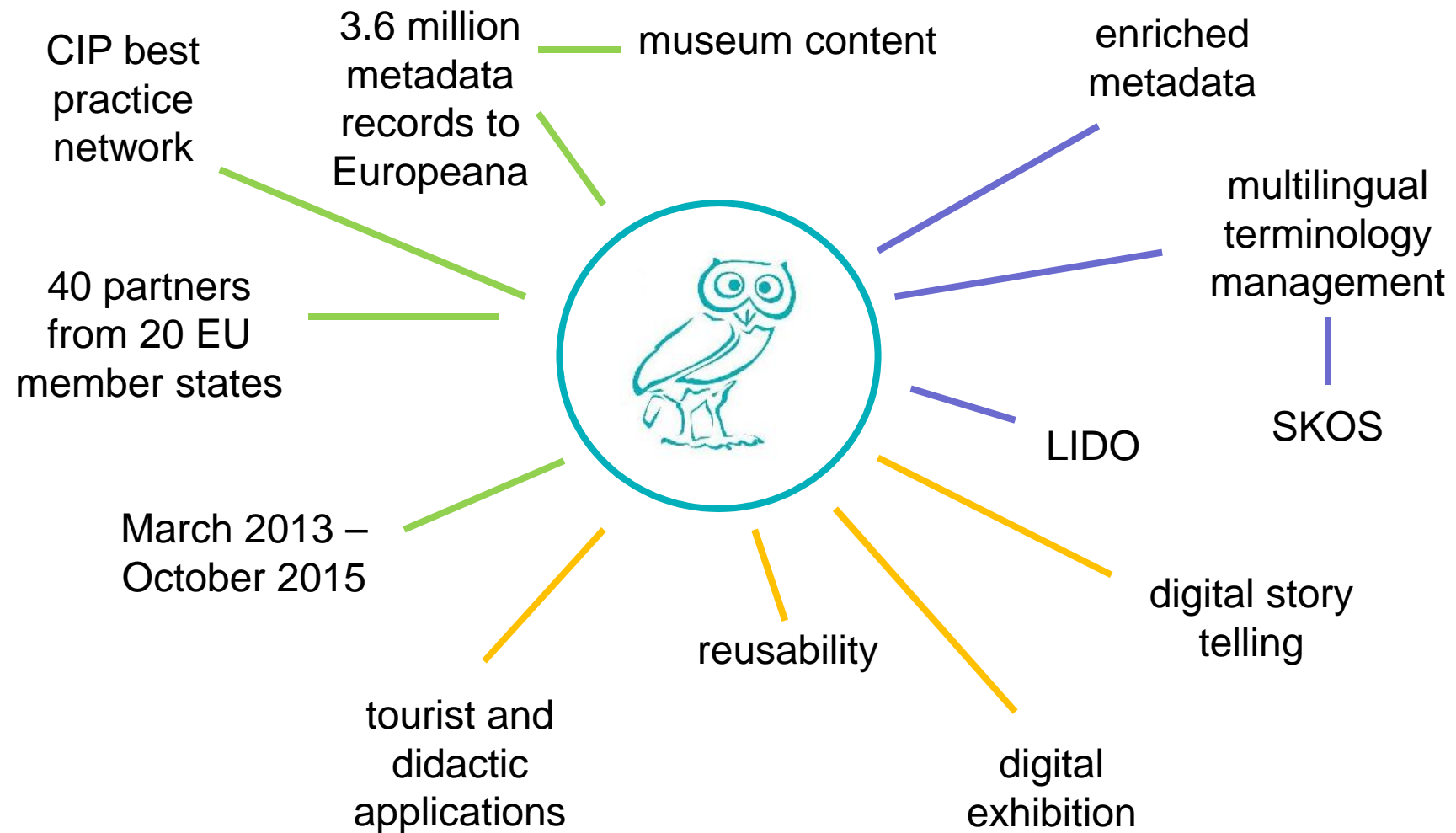


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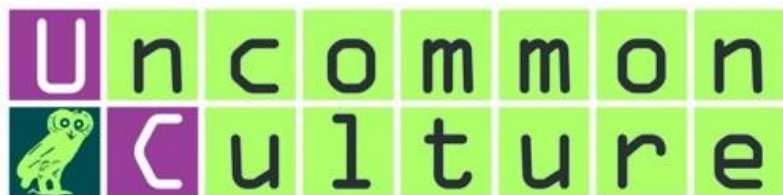
AthenaPlus website

www.athenaplus.eu

- National contact points
- Deliverable & documents
- Information & promotion material
- Content aggregation tools & guidelines
- Recommendations for digital storytelling
- Events, news, links



The screenshot shows the AthenaPlus website interface. At the top, there is a navigation bar with links for Home, Sitemap, Search, and English. The main header features the AthenaPlus logo and the tagline 'Access to cultural heritage networks for Europeana'. Below the header, there is a sidebar with a menu of links: Partners and contributors, National Contact Points, Work Packages, Deliverables and documents, Dissemination, Content aggregation: tools & guidelines, Digital storytelling: recommendations, Digital Exhibitions, How to join us Europeana, Related projects, Events, News, Blog, and Reserved Area. The main content area contains a welcome message stating that AthenaPlus is a CIP best practice network started in March 2013 and ending in August 2015, composed of 40 partners from 21 Member States countries. It lists the principal objectives: contributing metadata records to Europeana, improving search and retrieval, and experimenting with enriched metadata. There are links to download a PDF factsheet and a leaflet in English. A section titled 'AthenaPlus highlights' features logos for Terminology Management Platform and MOVIO, with links to specialist training material and training materials for supporting the use of the AthenaPlus tools. On the right side, there is a vertical list of partner logos: Europeana, Linked Heritage, ATHENA, Michael Culture Association, and minerva. At the bottom right, there are links to the AthenaPlus Help Desk, AthenaPlus Wiki, and the AthenaPlus project page.



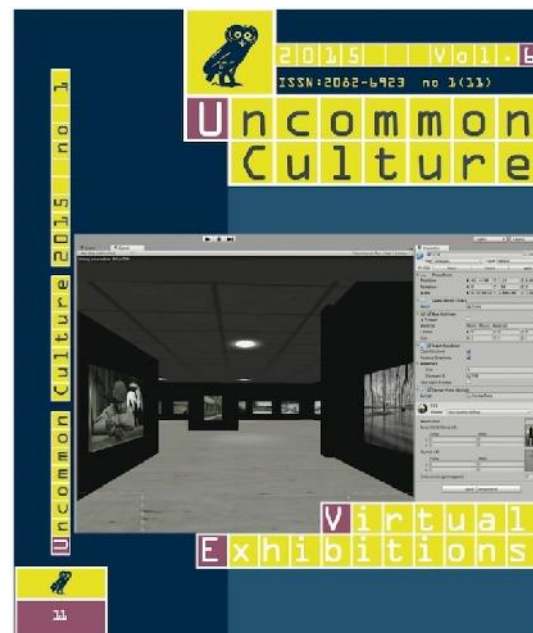
Uncommon Culture provides unique perspectives on a rich variety of cultural activities in Europe. Examining cultural institutions and their collections, this magazine gives new insight into diverse cultural activities.



Within the scope of the AthenaPlus project 2 issues of Uncommon Culture will be realized.

1. Virtual Exhibitions
2. Creative Reuse | Creative Digital

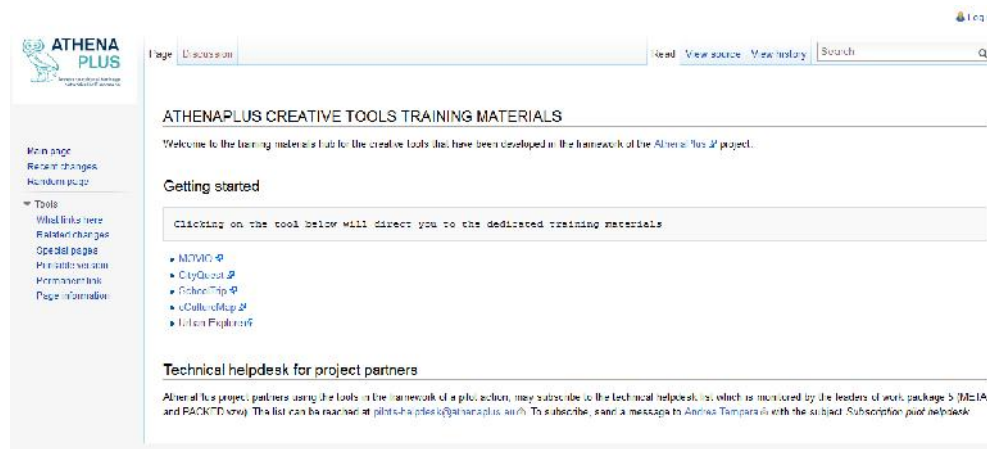
Access Uncommon Culture via
<http://uncommonculture.org/index>



AthenaPlus wiki

<http://wiki.athenaplus.eu>

Training materials hub for the creative tools that have been developed in the framework of the [AthenaPlus](#) project.



MOVIO

<http://wiki.athenaplus.eu/index.php/MOVIO>

The MOVIO tool helps curators to build **multilingual online digital exhibitions** targeted to different audiences. The **open-source** tool kit comprises different useful services, such as **timeline, ontology builder, image slider, hot spot, interactive maps, storyteller** and many more. MOVIO is tailored to assure different levels of **learning**, from the simplest to the more complex one, in multiple languages. All the applications are integrated and embedded in a comprehensive platform.



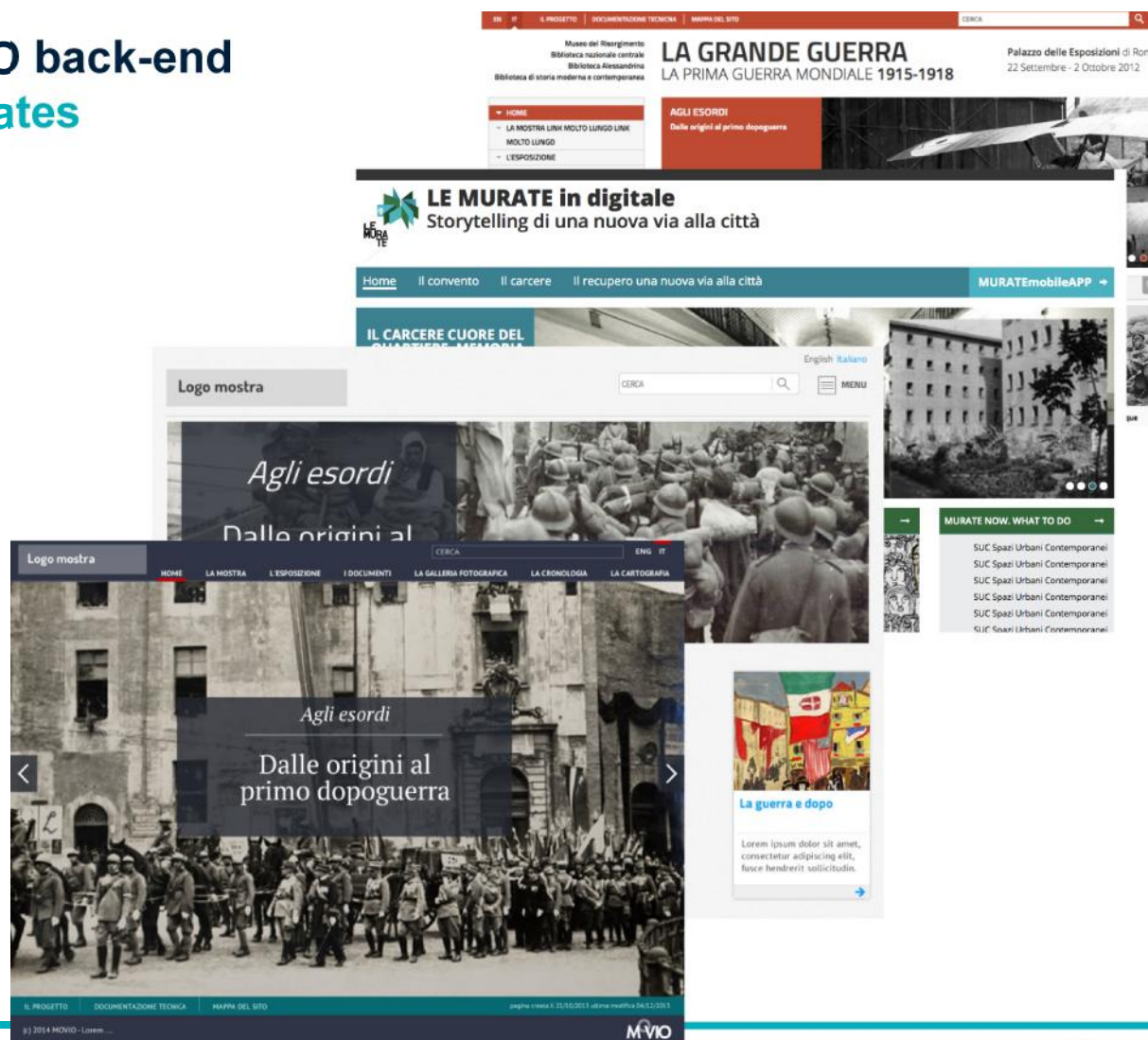
MOVIO **ONLINE
DIGITAL
EXHIBITIONS**





MOVIO back-end templates

4 templates in total:
Red Velvet
Wall
Minimal in blue
Sliding Windows





MOVIO front-end Sample exhibition

Image Hotspot helps you to highlight details of an image. The marked spot can be linked via a tooltip to some piece of information, another subpage or a different website.

A look inside the ISS

What's life like inside the [International Space Station](#)? Not all that gloomy, as even in outer space there's room for entertainment. In this picture we see U.S. astronaut Catherine Coleman playing the flute.



Work with the Storyteller tool to create narratives using sequences of texts, images, audios and videos and enable user interaction.

Definition

In order to define its field of work, the Working Group currently applies the following preliminary definition:

"A **Digital Exhibition** is based on a **clear concept** and is well curated. It assembles, interlinks and disseminates **digital multimedia objects** in order to deliver innovative **presentations** of a theme, or series of themes, allowing **user interaction** to a great extent."

This is work in progress and we welcome your contribution!



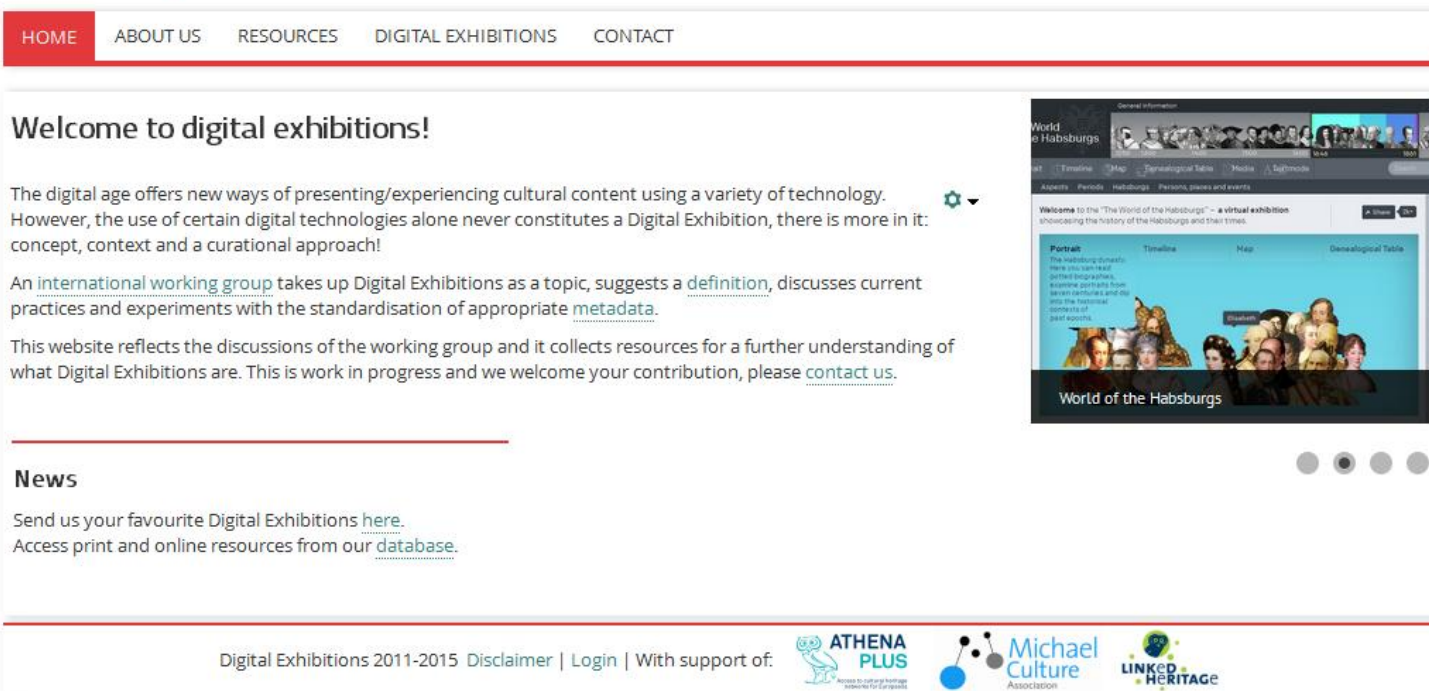
Structure

About us

literature
tools
guidelines
trainings
examples
projects

definition
metadata
checklist
posters

digital exhibitions



The screenshot shows the homepage of the digital exhibitions website. It features a navigation bar with links: HOME, ABOUT US, RESOURCES, DIGITAL EXHIBITIONS, and CONTACT. The main content area includes a welcome message, a paragraph about digital exhibitions, a section for an international working group, and a news section. A sidebar on the right shows a preview of a digital exhibition titled 'World of the Habsburgs'.

Welcome to digital exhibitions!

The digital age offers new ways of presenting/experiencing cultural content using a variety of technology. However, the use of certain digital technologies alone never constitutes a Digital Exhibition, there is more in it: concept, context and a curatorial approach!

An [international working group](#) takes up Digital Exhibitions as a topic, suggests a [definition](#), discusses current practices and experiments with the standardisation of appropriate [metadata](#).

This website reflects the discussions of the working group and it collects resources for a further understanding of what Digital Exhibitions are. This is work in progress and we welcome your contribution, please [contact us](#).

News

Send us your favourite Digital Exhibitions [here](#).
Access print and online resources from our [database](#).

Digital Exhibitions 2011-2015 Disclaimer | Login | With support of:

ATHENA PLUS
Michael Culture Association
LINKED HERITAGE

www.digitalexhibitions.org

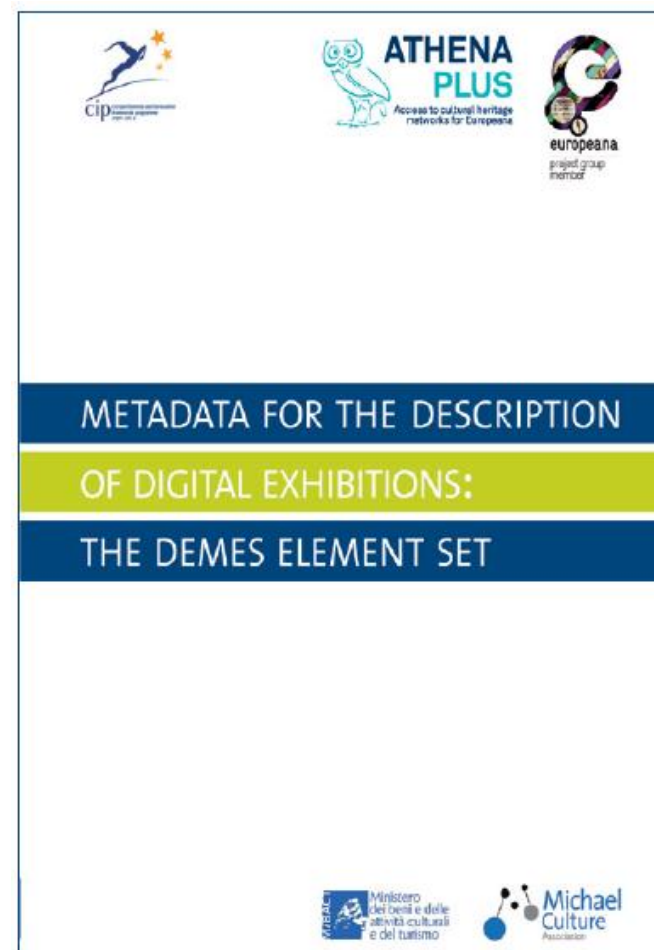
Contact

Metadata for the description of digital exhibitions:

the Digital Exhibition Metadata

Element Set (**DEMES**) 0.9

DEMES was produced by the
Digital Exhibitions Working Group
within the frame of the AthenaPlus
project. The schema is available in
the form of a best-practice
brochure.





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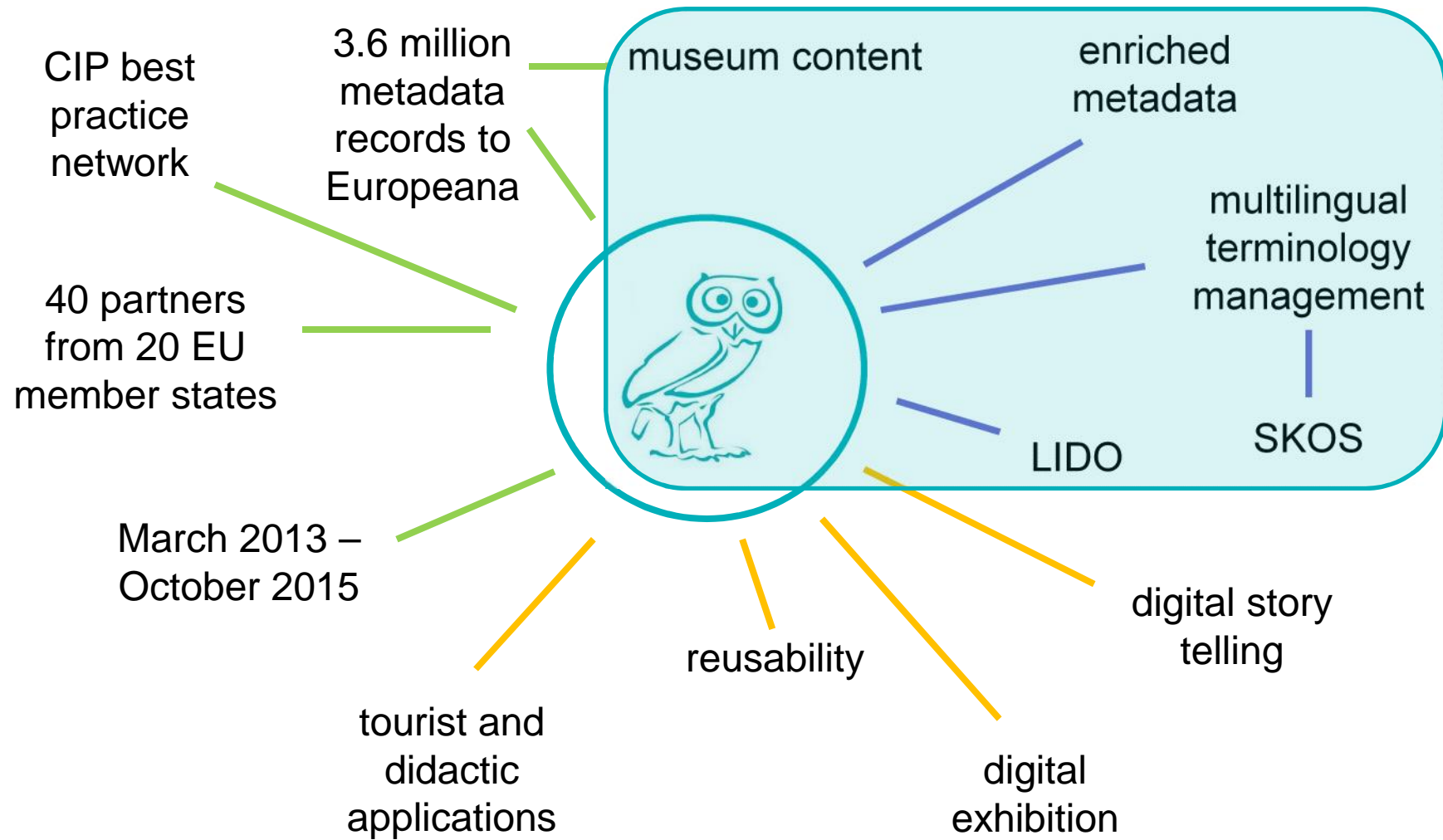
2. Bridging the terminology gap?!?

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**ATHENA
PLUS**

Access to cultural heritage
networks for Europeana



Stiftung
Preußischer Kulturbesitz



Matches for:

architecture

☐ Translate search terms

[Setup translation](#)

Refine your results:

▼ Add more keywords

+ Add

- By media type
- By language of description
- By year
- By providing country
- Can I use it?
- By copyright
- By provider
- ▼ By data provider

- ☐ Ministère de la culture et de la communication, Médiathèque de l'architecture et du patrimoine (511537)
- ☐ Bildarchiv Foto Marburg (421209)

Results per page: 24 ▼

Results 1 - 24 of 1,627,022

1 of 67793 > >>



House balcony in Dingli



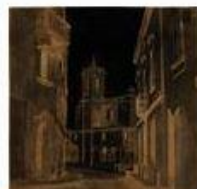
Facades of a Domestic building in Dingli...



Rural building in Dingli



Domestic building (facade) in Dingli...



Zurrieq Church



Church of St James the Apostle, Zurrieq



St Dominic's Church (Vittoriosa)



Hints on ornamental gardening : cons...



Specimen of carving of



Domestic building in



Rural architecture in



Rural architecture in

“Give end-users consistent, reliable access to information” (CDWA)

- Precision is getting more and more important in the context of large-scale aggregation of metadata!
- Indexing in Europeana
 - only “administrative” facets
 - no browsing aids for the user in terms of content
- Providing access to a broad variety of content with multilingual metadata is challenging

Bridging the terminology gap



Metadata

—

SKOS-based multilingual

Indexing



- **Before starting to implement LIDO**

- Setting your own house in order;
- LIDO and the target portal.

- **General LIDO issues**

- Elements containing data;
- Language(s) of the record and elements;
- Display and indexing elements;
- Repeatable elements (not for language);
- Ordering of repeatable elements;
- Preference of repeatable elements;
- Events.

- **Implementation Details**



Project	
Project Acronym:	AthenaPlus
Grant Agreement number:	325036
Project Title:	Access to cultural heritage networks for Europeana

Deliverable	
Deliverable name:	Survey and description of existing mapping models to LIDO
Deliverable number:	D2.2
Delivery date:	2014-05
Dissemination level:	Public
Status:	Final version
Authors (organisation):	Gordon McKenna (CT)
Contributors (organisation):	All partners
Reviewers (organisation):	Regine Stein (UNIWAR)

Revision History				
Revision	Date	Author	Organisation	Description
V0.1	2014-10	Gordon McKenna	CT	Draft version
V1.0	2014-10	Gordon McKenna	CT	Final version after review
V1.1	2014-10	Maria Teresa Natale	IOCU	Formal check

Statement of originality				
This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.				

Project Coordinator: Istituto centrale per il catalogo unico delle biblioteche italiane
Address: Viale Castro Pretorio 95 - 00185 Roma
Phone number: +3906 06 45210 425
E-mail: info@athenapius.eu
Project WEB site address: <http://www.athenapius.eu>

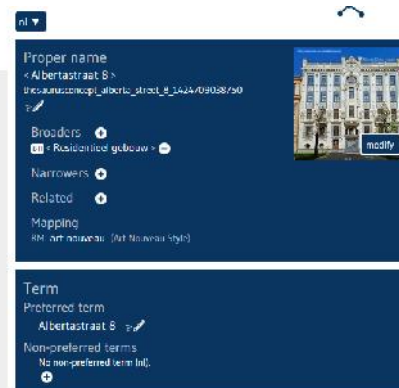
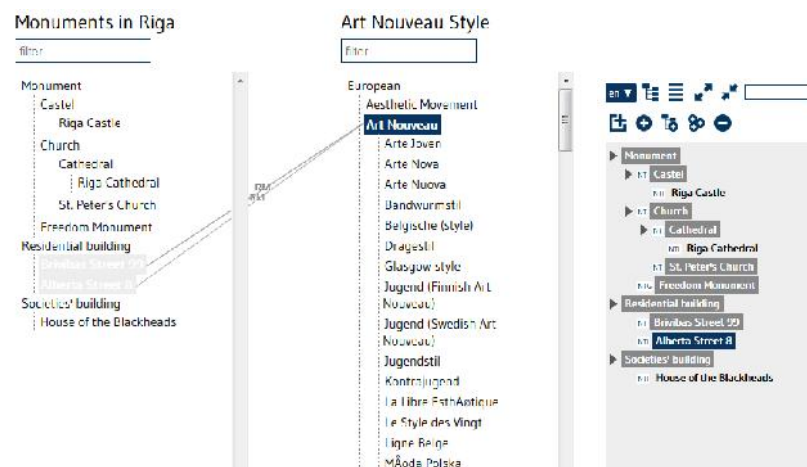
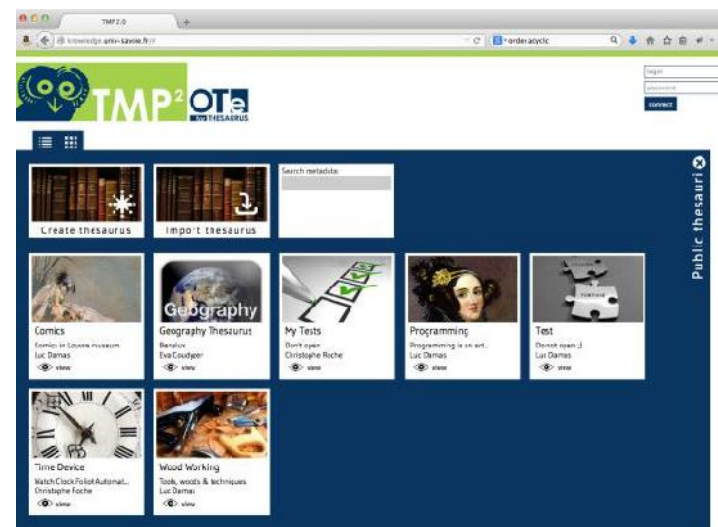
**Will become
available as
booklet!**

Terminology Management Platform



<http://athenaplus.thesaurus.condillac.org/>

Freely available tool for the creation of simple (SKOS-based) controlled vocabularies and mapping between them



Terminology mapping is challenging!

- Mapping only the terms is not enough.
 - (Hierarchical) context of the concept is crucial.
 - Often 1:1 translations between languages are not possible.
 - It requires thoroughly trained people to do the mapping.
- Decision to develop a pilot on selected content from all partners to showcase possible approaches

Pilot Collection

More specific metadata required

Currently required descriptive metadata for Europeana

- Object / Work Type (lido:objectWorkType <> dc:type)
- Title (lido:titleSet <> dc:title)

Additional requirements as set by Athena Plus

- Generic classification, using AAT top hierarchy
- Repository/Location
- At least one event information with at least one of
 - Actor
 - Cultural Context
 - Date
 - Period
 - Place
 - Material / Technique

Pilot Collection

More specified vocabulary references

Use Getty vocabularies:

- AAT for
 - Object / Work Type and Cultural Heritage type classification
 - Cultural context
 - Periods
 - Materials
 - Techniques
- TGN, at least on country level, for
 - Repository Location
 - Event Place and Subject Place
- ULAN (alternatively: VIAF) for
 - Event Actor and Subject Actor



Research

[Research Home](#) ▶ [Tools](#) ▶ [Art & Architecture Thesaurus](#) ▶ [Hierarchy Display](#)



Art & Architecture Thesaurus®
Hierarchy Display

Use Getty vocabularies!

- ISO 25964 compliant
- Trusted and maintained source
- Multilingual
- Open licenses
- LOD publication

Minimum: Reference to
generic classification!

<input type="checkbox"/>		Top of the AAT hierarchies
<input type="checkbox"/>	 Objects Facet
<input type="checkbox"/>	 Built Environment (hierarchy name)
<input type="checkbox"/>	 Settlements and Landscapes (hierarchy name)
<input type="checkbox"/>	 Built Complexes and Districts (hierarchy name)
<input type="checkbox"/>	 Single Built Works (hierarchy name)
<input type="checkbox"/>	 Open Spaces and Site Elements (hierarchy name)
<input type="checkbox"/>	 Components (hierarchy name)
<input type="checkbox"/>	 components (objects parts)
<input type="checkbox"/>	 Furnishings and Equipment (hierarchy name)
<input type="checkbox"/>	 Furnishings (hierarchy name)
<input type="checkbox"/>	 Costume (hierarchy name)
<input type="checkbox"/>	 Tools and Equipment (hierarchy name)
<input type="checkbox"/>	 Weapons and Ammunition (hierarchy name)
<input type="checkbox"/>	 Measuring Devices (hierarchy name)
<input type="checkbox"/>	 Containers (hierarchy name)
<input type="checkbox"/>	 Sound Devices (hierarchy name)
<input type="checkbox"/>	 Recreational Artifacts (hierarchy name)
<input type="checkbox"/>	 Transportation Vehicles (hierarchy name)
<input type="checkbox"/>	 Object Genres (hierarchy name)
<input type="checkbox"/>	 objects
<input type="checkbox"/>	 object genres (object classifications)
<input type="checkbox"/>	 Object Groupings and Systems (hierarchy name)
<input type="checkbox"/>	 object groupings
<input type="checkbox"/>	 systems (equipment)
<input type="checkbox"/>	 Visual and Verbal Communication (hierarchy name)
<input type="checkbox"/>	 Visual Works (hierarchy name)
<input type="checkbox"/>	 Exchange Media (hierarchy name)
<input type="checkbox"/>	 Information Forms (hierarchy name)



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Partners will contribute a selection of 100 high quality metadata records related to 100 objects for further analysis and development

- The records will be presented appropriately online in MOVIO together with other partners' content as the 'Athena Plus Collection'
 - It will serve as a proof of concept for discussing the requirements with Europeana.
- Outcome to be reported!

- athenaplus.eu
- [linkedin.com/groups/Coordination-standards-technologies-enrichment-Europeana](https://www.linkedin.com/groups/Coordination-standards-technologies-enrichment-Europeana)
- twitter.com/AthenaPlusEU
- athenaplus.wordpress.com
- facebook.com/athenaplusproject



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