

# AthenaPlus Creative Tools

Maria Teresa Natale  
(MichaelCulture AISBL)

**«Tools to make your collections widely visible:  
a two days European event dedicated to museums»**

Berlin, 15-16 October 2016

Athena Plus is a Best practice network whose main objectives were:

- Contribute 3.000.000 digital items to Europeana
- Develop a Terminology Management Platform to edit and map multilingual thesauri and terminologies
- Develop creative tools for digital exhibitions, cultural routes and educations
- Organize workshop and trainings for GLAMs and experts

A project of the Europeana ecosystem.

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# Facts & Figures

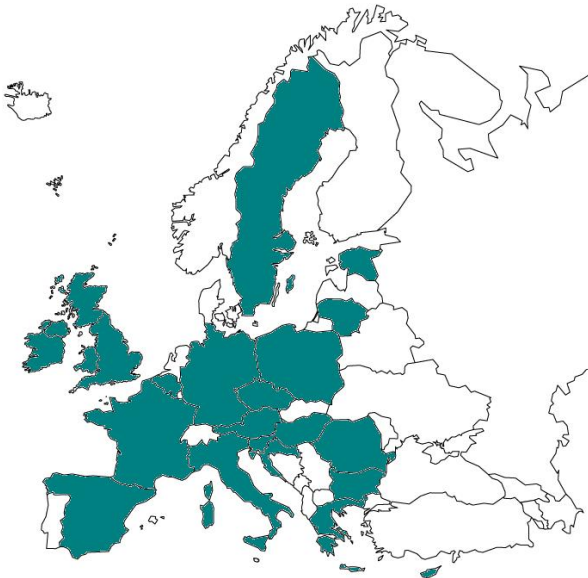
- 41 partners
- 21 EU member state countries
- 25 languages
- 30 months (March 2013 – August 2015)



AthenaPlus builds on successful experiences developed in the previous **ATHENA** and **Linked Heritage** projects:

- Mapping Tool MINT + ATHENA Ingestion Server
- Terminology Management Platform (TMP)

AthenaPlus works at the development of **standards** that supports interoperability with Europeana.



# DIGITAL EXHIBITIONS MOVIO



- One of the main goals of public and private cultural institutions (GLAMs) is **the promotion and dissemination of knowledge**.
- They accomplish their mission thanks to knowledge dissemination tools that include, among others, **temporary and permanent exhibitions** that follow codified models, whose goal is to **expose citizens to the national and international cultural and artistic heritage**.



The meeting between the languages and methods of traditional cultural promotion (**non-virtual exhibitions**) and the promotion and dissemination of knowledge through web-based methods (**online virtual exhibitions**) made it necessary in 2011 to draft **shared guidelines and recommendations** to encourage the use of the web and maximize its potential.

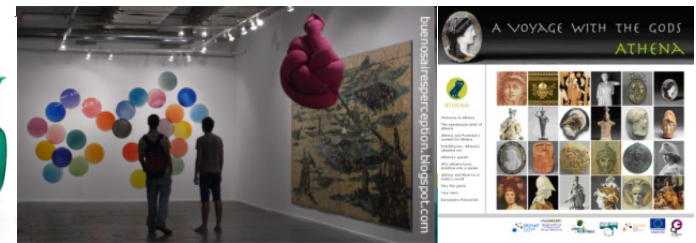
These guidelines, aimed at:

- Illustrating the **state of the art on online virtual exhibitions**, both on the basis of **the actual experience** accrued by various cultural institutes and the **observation and analysis of international products**
- **clarifying some concepts** that in literature are not yet fully codified, and giving some **recommendations and a tool kit** to institutions who want to realise projects.

ITALIAN, ENGLISH, ARABIC  
EDITIONS



- The term **exposition**, in its broadest sense, indicates the rational process through which one attempts to divulge a concept or topic by explaining its logical content or linking it to other concepts or topics that help highlight its meaning
- The term **exhibition** indicates an event with a specific venue and time, during which the public can enjoy a series of objects, related to one another and organized according to logical, thematic, spatial, historic, and/or authorial criteria, and made accessible either permanently or temporarily, through one or more narrative routes, with scientific, didactic, and/or promotional goals.
- Cultural institutions are increasingly recurring to exhibitions that fall **outside the traditional space/time parameters**, and are instead staged on IT platforms **accessible via the web**: these are **virtual/digital exhibitions**.



## **Current debate: digital exhibition vs. virtual exhibition**

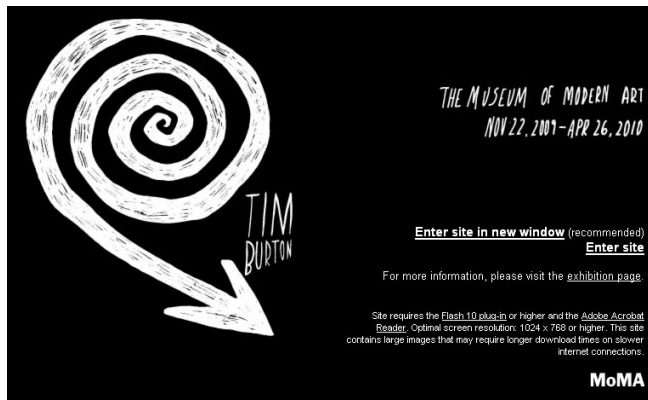
**Virtual exhibitions:** to be used mainly in the case of 3D reconstructions in which there is actually also a virtualization environment in which the works are located.

**Digital exhibitions:** the object is not faced with any kind of reconstruction, the work of art is approached "individually", included in a "path" that performs logical combination of materials based on different criteria: subject, author, time , technicalities, ...

“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. in order to deliver innovative presentations of a theme”

*By International Working Group on Digital Exhibitions*

- Virtual/digital exhibitions are often **generated by real events**, even though they may result in products that are **autonomous**, due to the web language they use.
- Online virtual/digital exhibitions can be staged with **more or less sophisticated IT tools**, depending on the degree of complexity and the goals in question.



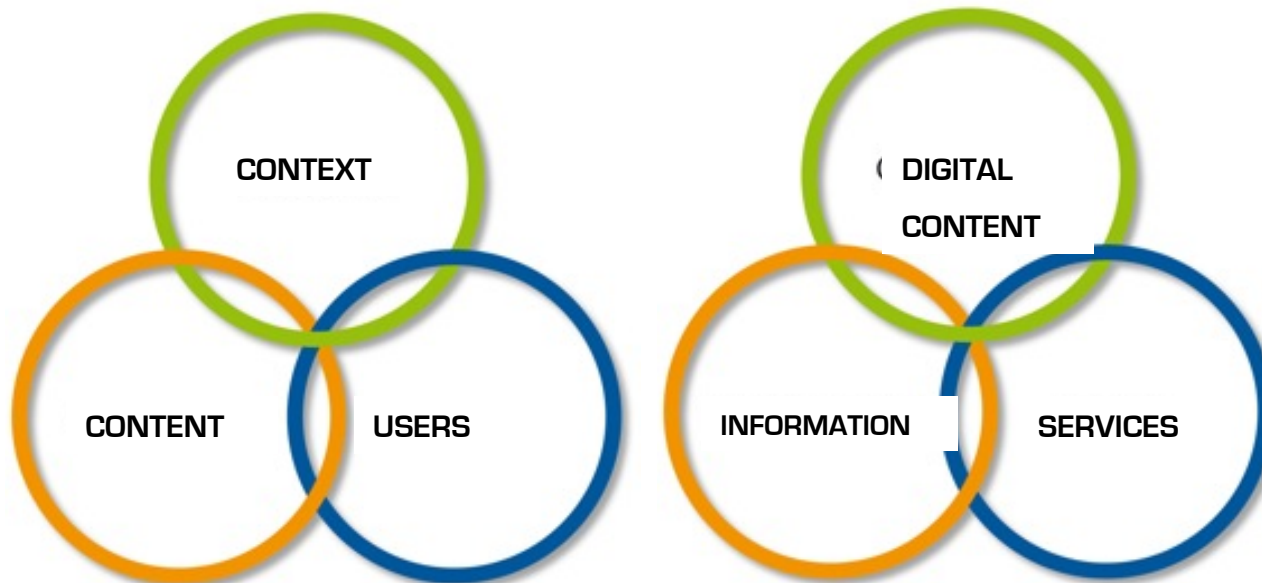


- In summary, a collection of digital items, in and of itself, does not constitute a material or virtual exhibition. It is only when the items are carefully selected to illustrate a topic, and are **tied together forming a narrative or a logical itinerary**, that they constitute an exhibition.
- Online virtual/digital exhibitions, independently of degree of sophistication of the technology used, can and must be put together in such a way that they can provide **alternative experiences to the real event**, which can involve the user in a **process of discovery, knowledge acquisition**, and **learning**.



Any virtual/digital exhibition must rest upon an **information architecture** that makes up the logical and semantic organizational structure of the project's information, content, processes and functionality. It is at the heart of any interaction design project.

The **structure** of a virtual/digital exhibition is composed of digital content, information and services.



During the conception phase, the contents of a virtual exhibition can be aggregated according to thematic relations, which may be more or less prevalent and non-exclusive depending on the objectives to be pursued, such as:

**Spatial aggregation:** objects are connected by real or reconstructed spatial links (e.g. geographic, environmental, urban, housing, etc.)

**Temporal aggregation:** objects are connected by chronological links (e.g. historical period, event, celebration, phase, etc.)

**Typological aggregation:** objects are connected by their typology (e.g. style, manufacturing technique, material, production, etc.)

**Comparative aggregation:** objects are aggregated on the basis of links arising out of the comparison with other models, thus creating a network of similar contents (e.g. comparisons between civilizations, roles, etc.).

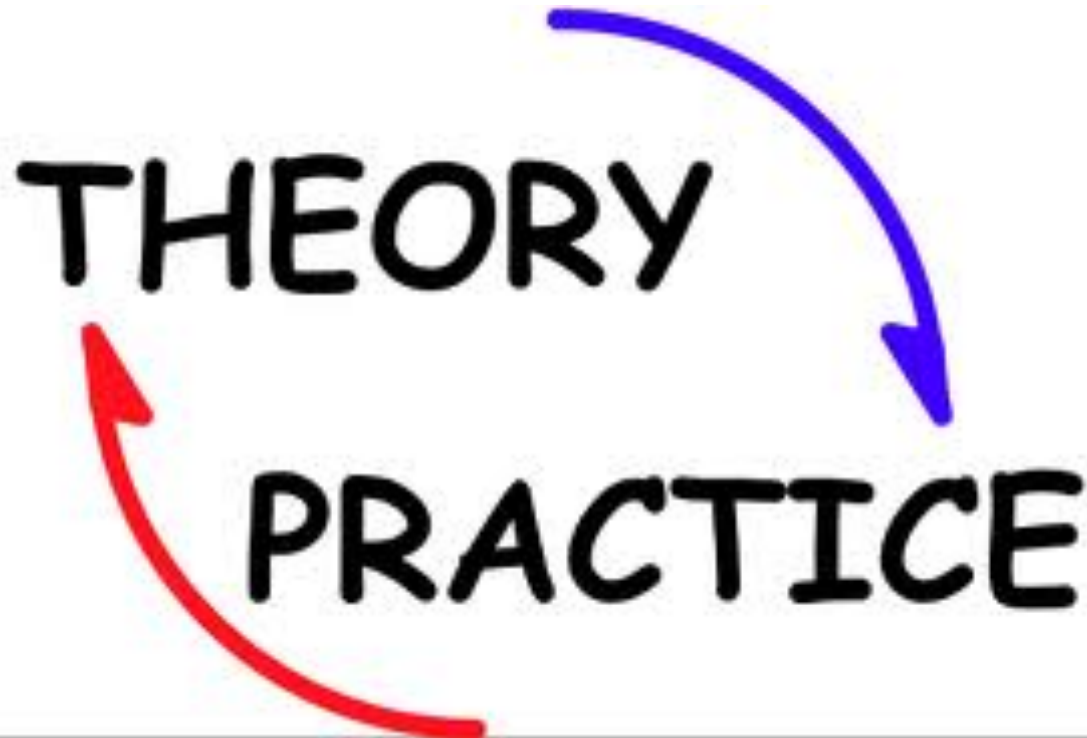
In addition, there are aggregations which take into account the target audience and the relationship with users:

**Functional aggregation:** function and/or goal which the exhibition can help meet (for example, target users: schools for the disabled, university students ... or educational/didactic purposes)

**Behavioural aggregation:** when the exhibition encourages and develops behaviours that can attract other behaviours. This is the case with regards to interactions between multiple communities of users and/or visitors, which bring about broader relationships and new developments (e.g. interactive and community areas, Web 2.0 features).

# Advantages of digital exhibitions

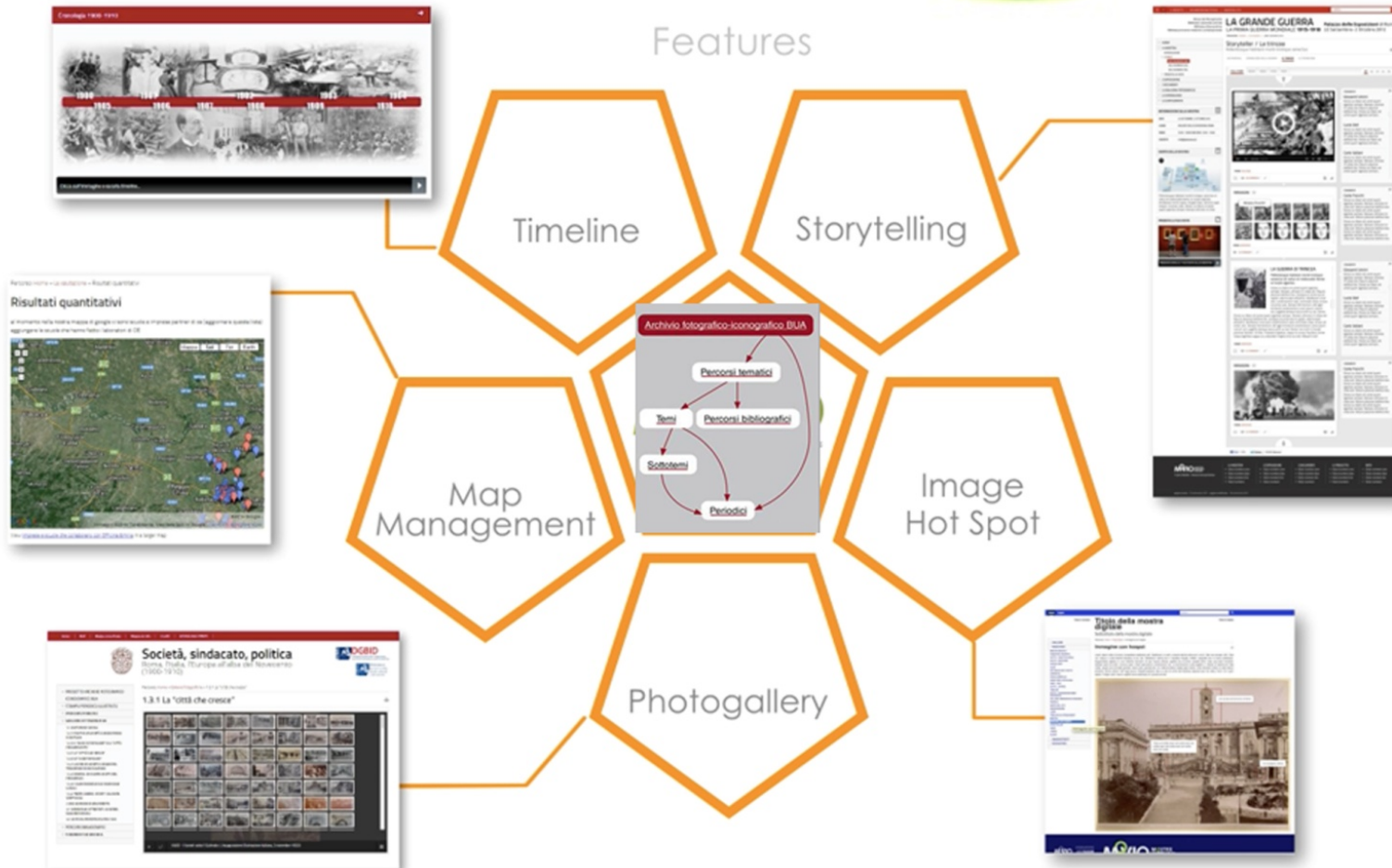
- Help to promote the cultural heritage preserved by institutions
- Are a learning tool which helps to increase knowledge
- Can make accessible an amount of documents and items that is much greater than what any physical exhibition could ever manage to display
- Can make accessible to the public the most valuable and fragile works and documents, without putting the national and international cultural heritage at risk
- Help users to enjoy documents and works that may not be accessible otherwise
- Make it possible to view parts and details of works that could not otherwise be seen, not even through the direct observation of the original
- Remain accessible over time, since they are not limited to the duration of the actual event
- If online, they can be visited by users from all over the world, who may not be able to visit an actual exhibition
- Are dynamic in nature, since they can be modified even after they have been created, both with regards to planning aspects and to their activities and contents
- Can be enhanced by the contributions of users
- Can be staged even with limited budgets, and are less expensive than actual exhibitions
- May serve as an online archive for information related to the material exhibition
- Can have positive repercussions on the tourism industry



## SMCMS



### Features

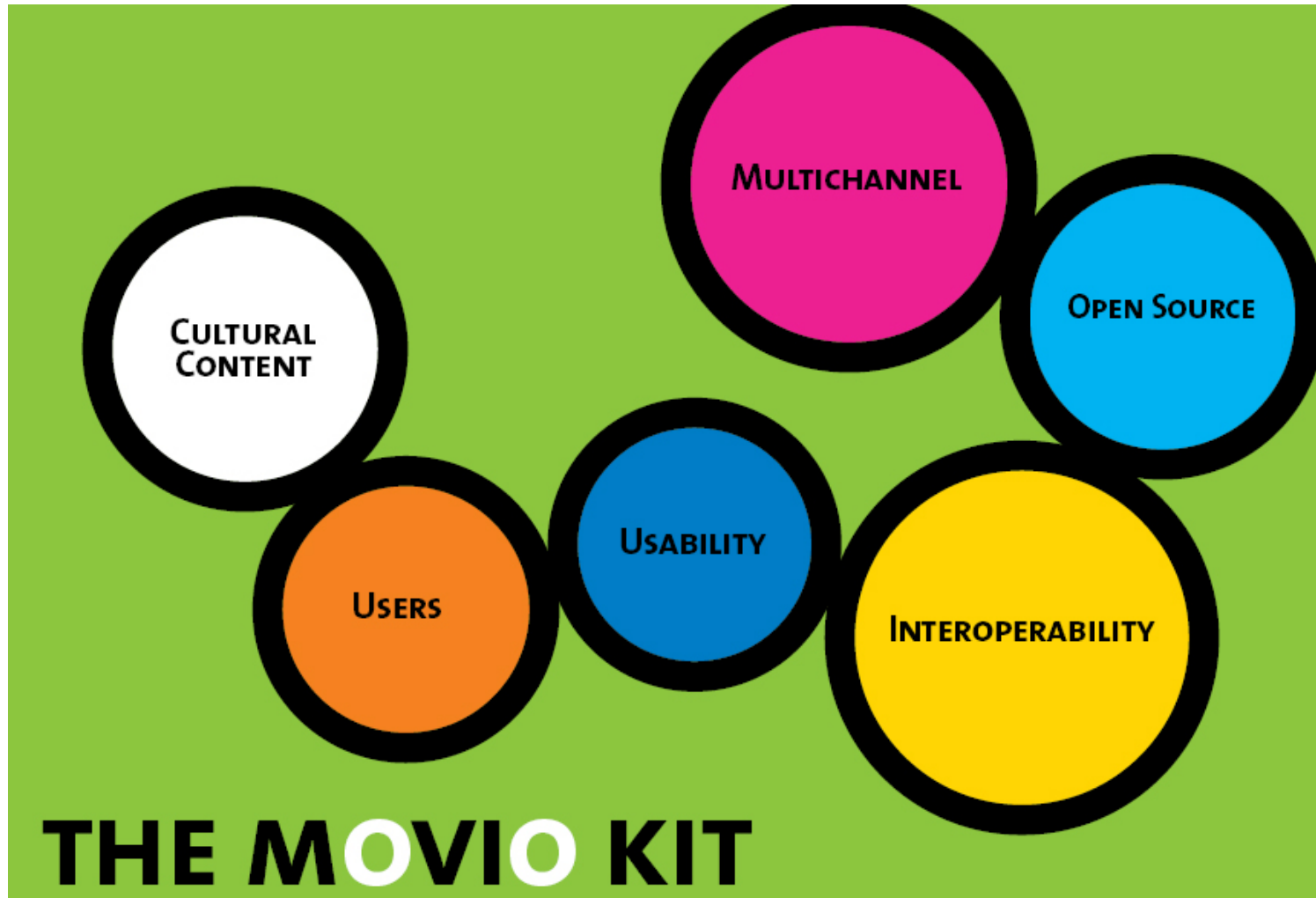




**ATHENA  
PLUS**

Access to cultural heritage  
networks for Europeana

# MOVIO Kit





MOVIO is a kit because it is not just a software product but contains a set of tools and services:

an open source software named **CMS MOVIO** for the realization of online digital exhibitions

**CMS MOVIO for mobile devices** (microsite): iPhone and Android smartphones and tablets

**MOVIO APP** for the mobile platforms

**MOVIO HUB**, an online catalogue of digital and real exhibitions, available also on **MOVIO APP**

**Online tutorials and interactive training** on the use of the kit and on the implementation of the guidelines for the creation of online digital exhibitions



# MOVIO app (you) – MOVIO hub (all)

PC



**PUBLISH**

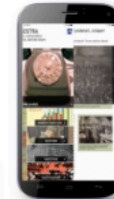
**YOU**



Tablet



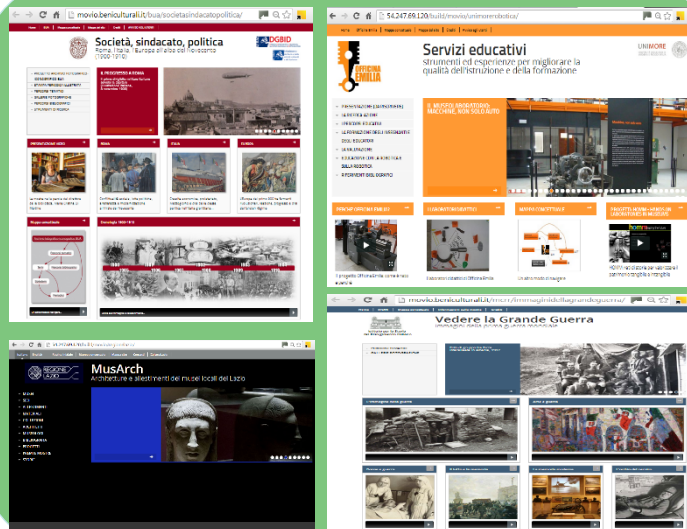
Smartphone



IOS  
Android

**SINGLE  
EXHIBITION**

**MOVIO-APP**



**The HUB**



**CATALOGUE**

**MOVIO-HUB**

The back-end of MOVIO is the area where the curators create and manage the content of the digital exhibition.

The back-end offers functionalities to manage:

- **THE LANGUAGE OF THE CMS**
- **THE MULTILINGUALISM OF THE CONTENT**
- **THE GRAPHICAL TEMPLATES**
- **THE ONTOLOGY ASSOCIATED TO THE DIGITAL EXHIBITION**
- **THE MEDIA ARCHIVE**
- **THE USER PROFILES AND THE USERS**
- **THE PAGE TYPES AND THE RELATIVE TOOLS AVAILABLE IN THE CMS**
  - traditional HTML pages
  - different kind of photographic galleries and sliders
  - zoom images
  - timeline
  - interactive maps
  - hotspots on images
  - storyteller
- **THE OPTIMIZATION OF THE META-TAGS FOR SEO**
- **THE INTEROPERABILITY WITH MOVIO HUB AND MOVIO APP**
- **SOME SOCIAL FUNCTIONS**

# MOVIO Archive Case study

[www.litaliachiamo.it](http://www.litaliachiamo.it)

Story of the telephone in Italy, through digital resources of the Archives of Telecom Italia



Stories told using the storyteller  
(text, video, audio, images)

Connection to contents  
generated with the ontology  
builder

Timelines

APP version



# Drottning Kristina av Sverige

Få historiska personer har varit så omtalade och kontroversiella som drottning Kristina och bilderna av henne är lika skiftande som motstridiga



LIVRUSTKAMMAREN SKOKLOSTERS SLOTT HALDENISKA MUSEET

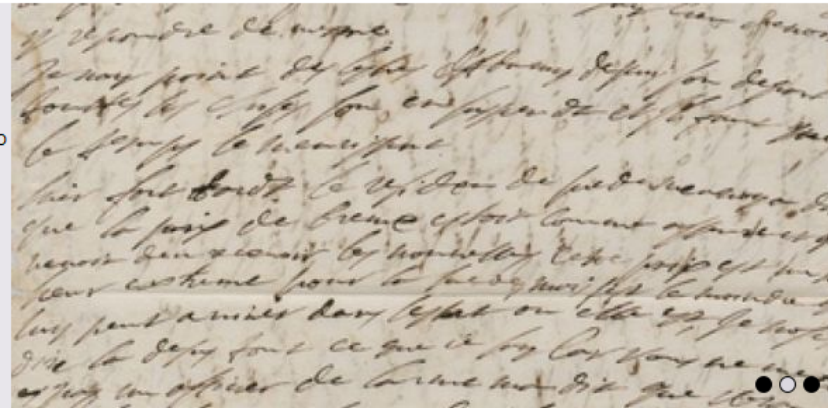
NATIONALMUSEUM



- ▼ KUNG KRISTINA
- ▼ KRISTINAS LIVSLINJE
- ▼ BARNDROTTNINGEN
- ▼ NORDENS MINERVA
- ▼ REGINA DI ROMA
- ▼ KRISTINAS RESOR
- ▼ TANKEKARTA

## BREVEN TILL KARDINAL AZZOLINO

Idag finns hela 80 brev, med ett varierande antal sidor vardera, skrivna av drottning Kristina till kardinal Azzolino mellan 1666 och 1668 bevarade på Riksarkivet.



Barndrottningen



Kung Kristina



Nordens Minerva



Regina di Roma







LIETUVOS DAILĖS MUZIEJUS

## ARCHITEKTŪRA IR DAILĖ SENAJAME VILNIAUS UNIVERSITETE

XVI–XX A. PIRMA PUSĖ

TARPTAUTINIO PROJEKTO „ATHENAPIUS“  
[RANKIŲ TESTAVIMO VEIKLOS

- ▼ APIE PARODĄ
- ▼ VILNIAUS UNIVERSITETO ISTORIJA
- ▼ RYŠKIAUSIOS ASMENYBĖS
- ▼ KŪRINIAI
- ▼ ONTOLOGINIS ŽEMĖLAPIS
- ▼ TESTAVIMAS

### SENASIS VILNIAUS UNIVERSITETAS

TRUMPĄ UNIVERSITETO ISTORIJA  
LAIKO JUOSTOJE



ARCHITEKTŪROS STUDIJOS  
SENAJAME VILNIAUS  
UNIVERSITETE



PIEŠIMO IR TAPYBOS STUDIJOS  
SENAJAME VILNIAUS  
UNIVERSITETE



GRAFIKOS (RAIŽYBOS) STUDIJOS  
SENAJAME VILNIAUS  
UNIVERSITETE



SKULPTŪROS STUDIJOS SENAJAM  
VILNIAUS UNIVERSITETE



*Agli esordi*

# Dalle origini al primo dopoguerra



# Percorsi tematici

## *Il Concorso delle Medaglie d'oro al Valor militare*



Arte e guerra



Donne e guerra



Il lutto  
e la memoria



L'immagine  
della guerra

[Contact the author](#)

# The Solar System

A collection of planets, moons, asteroids, comets and many other exciting objects

This exhibition was created in the framework of the [AthenaPlus project](#)

Your position: [Home](#) » The beauty of the planets

## The Planets



This photogallery is showing the beauty of the eight planets in our Solar System: Earth, Mercury, Venus, Mars, Jupiter, Saturn, Uranus and Neptune.

Hover the mouse over the image to display the caption.

- ▼ DIGITAL EXHIBITION INFO
- ▼ COMPONENTS OF THE SOLAR SYSTEM
- ▼ HAS YOUR COUNTRY BEEN IN SPACE?
- ▼ THE BEAUTY OF THE PLANETS
- ▼ SPACE EXPLORATION OVER TIME
- ▼ SPACIAL RELATIONS
- ▼ OBSCURE SPACE FACTS
- ▼ LIFE ABOARD THE INTERNATIONAL SPACE STATION (ISS)



This image is a montage of high resolutions photographs of the Earth taken in January 2012 by the Visible/Infrared Imager Radiometer Suite (VIIRS) instrument on the Suomi NPP satellite. The image shows many stunning details of our home planet - particularly at high resolution. The beauty of our planet is obvious from space - our blue waters, our white clouds, and the green from life abundant at the surface.

Earth



< 1/8 > L<sup>2</sup>



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# The Solar System

A collection of planets, moons, asteroids, comets and many other exciting objects

This exhibition was created in the framework of the [AthenaPlus project](#)

Your position: [Home](#) » Space exploration over time

## Space exploration over time



Five significant dates in the history of space exploration. Source of this timeline information: [Wikipedia](#).

- ▼ DIGITAL EXHIBITION INFO
- ▼ COMPONENTS OF THE SOLAR SYSTEM
- ▼ HAS YOUR COUNTRY BEEN IN SPACE?
- ▼ THE BEAUTY OF THE PLANETS
- ▼ SPACE EXPLORATION OVER TIME
- ▼ SPACIAL RELATIONS
- ▼ OBSCURE SPACE FACTS
- ▼ LIFE ABOARD THE INTERNATIONAL SPACE STATION (ISS)



November 3, 1957

### Laika - first dog in space

The Soviet dog Laika became the first animal in orbit on 3 November 1957. became one of the first animals in space, and the first animal to orbit the Earth. Laika died within hours after launch from overheating, possibly caused by a failure of the central R-7 sustainer to separate from the payload.



OCTOBER 4, 1957

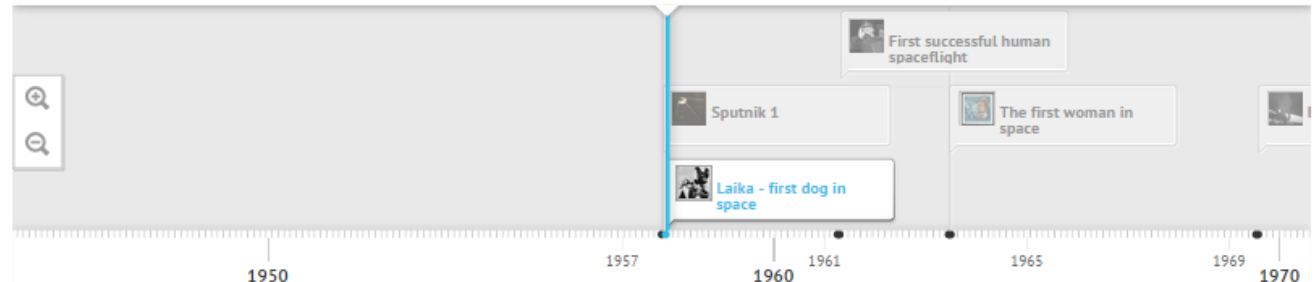
Sputnik 1

In 1957, Laika became the first animal launched into orbit, paving the way for human spaceflight. This photograph shows her in a flight harness.



APRIL 12, 1961

First successful human spaceflight



[Contact the author](#)


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A collection of planets, moons, asteroids, comets and many other exciting objects

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**PACKED**

Expertisecentrum Digitaal Erfgoed

- ▼ COMPONENTS OF THE SOLAR SYSTEM
- ▼ HAS YOUR COUNTRY BEEN IN SPACE?
- ▼ THE BEAUTY OF THE PLANETS
- ▼ OBSCURE SPACE FACTS
- ▼ SPACIAL RELATIONS
- ▼ SPACE EXPLORATION OVER TIME
- ▼ LIFE ABOARD THE INTERNATIONAL SPACE STATION (ISS)
- ▼ BECOME A SPACE INVADER
- ▼ NEWS
- ▼ THE SAURI
- ▼ HBJHBHBJHBHBJ
- ▼ PROVA

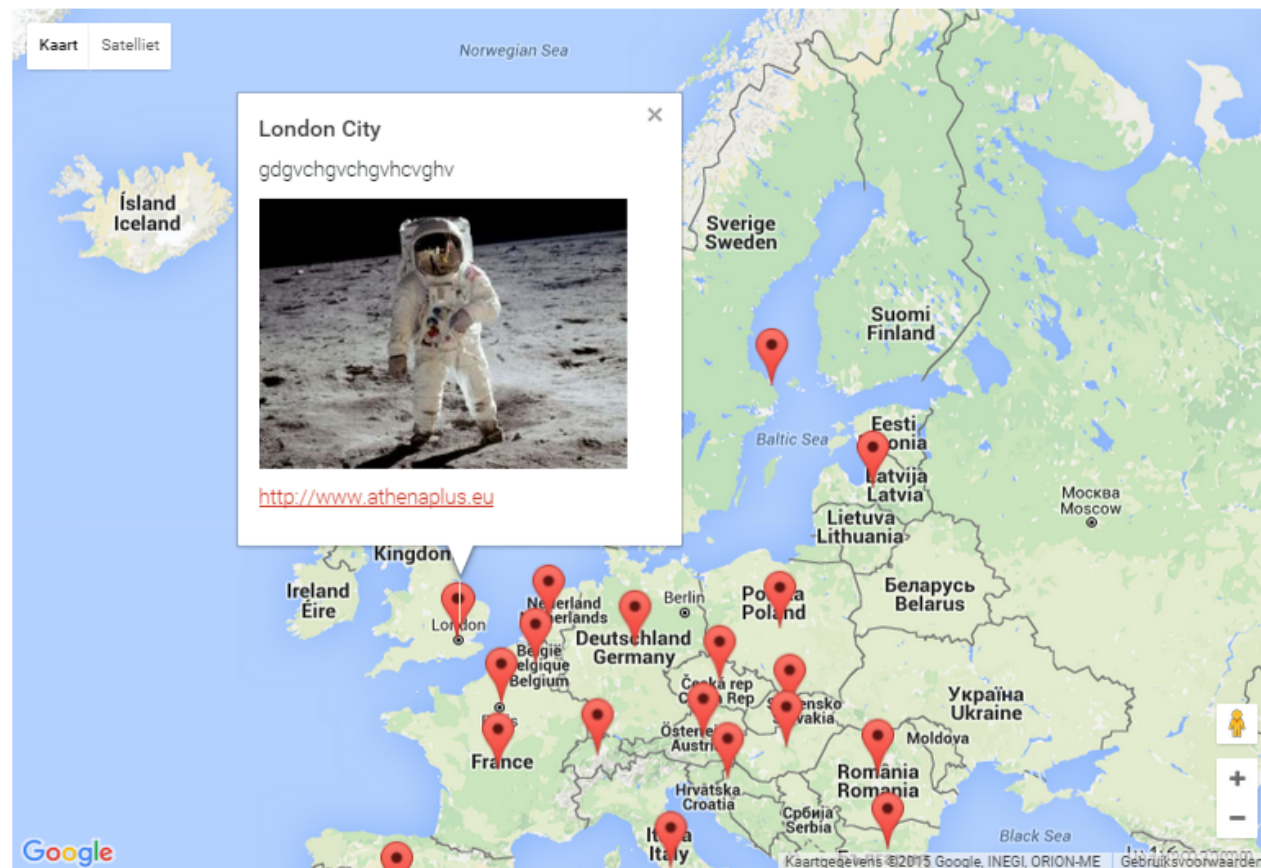


Your position: [Home](#) » Has your country been in space?

## Has your country been in space?



Did your country ever have an astronaut in space? Find out if you're listed on the map below. Click the marker to read the national astronaut's name(s). Source of this information: [Wikipedia](#).



[Contact the author](#)

# The Solar System

A collection of planets, moons, asteroids, comets and many other exciting objects

This exhibition was created in the framework of the [AthenaPlus project](#)

Your position: [Home](#) » [Life aboard the International Space Station \(ISS\)](#) » [A look inside the ISS](#)

## 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.



The music sheets need to be fixed so that non-existing gravity doesn't make them flow around the ship.

▼ DIGITAL EXHIBITION INFO

▼ COMPONENTS OF THE SOLAR SYSTEM

▼ HAS YOUR COUNTRY BEEN IN SPACE?

▼ THE BEAUTY OF THE PLANETS

▼ SPACE EXPLORATION OVER TIME

▼ SPACIAL RELATIONS

▼ OBSCURE SPACE FACTS

▼ LIFE ABOARD THE INTERNATIONAL SPACE STATION (ISS)

A LOOK INSIDE THE ISS

HOW MANY PEOPLE ARE IN SPACE RIGHT NOW?



# Herman Bollé

# The Builder of the Croatian Capital

- ▼ HOME
- ▼ HERMAN BOLLÉ (1845 – 1926)
- ▼ LOCATIONS ON GOOGLE MAP
- ▼ MONUMENT RESTORATION
- ▼ MUSEUM AS AN EXHIBIT
- ▼ ZAGREB EARTHQUAKE 9TH NOVEMBER 1880
- ▼ ZAGREB CATHEDRAL
- ▼ BUILDINGS
- ▼ INTERACTIVE GAMES
- INTERACTIVE MAP
- MEMORY GAME
- BOLLÉ PUZZLE GAME
- ▼ PROJECT PARTICIPANTS
- ▼ CATHEDRAL WORKSHOP – THE CRAFTS SCHOOL

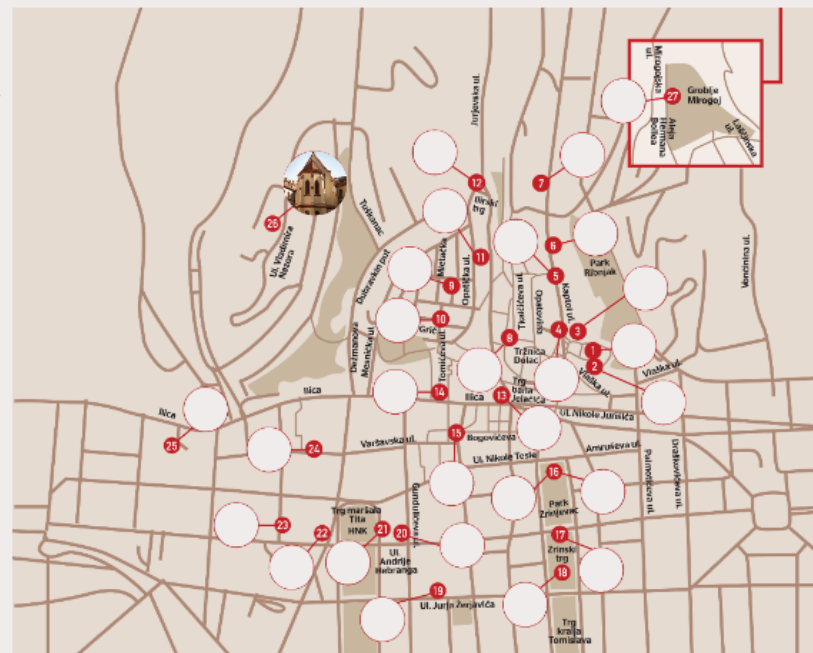
Your position: [Home](#) » [Interactive games](#) » Interactive map

## Interactive map



Place the building on there right location (you can set fullscreen view by clicking the button)...

If you don't know the building click on the text below the icon.



Solve everything Solution circle Reset



## Site Contents

## Pages

Contents  
Site properties  
Sharing Buttons  
Template  
Multilingualism  
Codes

## Mobile App

Export content

## Modules Builder

## Ontology Builder

Relations  
Entities  
Labels Translations  
Graph

## News

## Thesaurus

## Tourist Operators

## Media archive

## Users and Groups

Show user list  
Show group list

## Site Structure

+ Add Page

- Home
  - Metanavigation
  - Footer
  - Utilità
  - The Solar System
  - Components of the Solar System
    - Has your country been in space?
    - The Planets
    - Space exploration over time
    - Spacial relations
    - Obscure space facts
  - Life aboard the International Space Station (ISS)

## Timeline definition

Start date (yyyy, yyyy/mm, yyyy/mm/dd)

1957/10/04

End date (yyyy, yyyy/mm, yyyy/mm/dd)

Headline

Sputnik 1

Text

The first successful orbital launch was of the Soviet unmanned Sputnik 1 ("Satellite 1") mission on 4 October 1957. The satellite weighed about 83 kg (184 pounds), and is believed to have orbited Earth at a height of about 250 km (160 mi). It had two radio transmitters (20 and 40 MHz), which emitted "beeps" that could be heard by radios around the globe.

Path: p

External Media

Media

Sputnik\_1

Media caption

A replica of Sputnik 1 (U.S. Air Force photo)

Path: p

Confirm



Cancel

Record 2 Start date (yyyy, yyyy/mm, yyyy/mm/dd) : 1957/11/03 Headline : Laika - first dog in space

Save

Page view

Calendario lanci spaziali

-  Primo satellite artificiale
-  Primo animale in orbita, la cagnetta Laika  
Primo satellite artificiale

Image



Europeana

Search mode

Select images

Creators

Places

Titles

Subjects

Dates

Media type




Language



Preview



Touristic info

 Euro Space Center

Save

Save and close

Cancel

## WHAT IS MOVIO?

MOVIO is an open source kit that enables the realisation of virtual exhibitions.

## MOVIO IS FOR...

... everyone! Museums, archives, libraries, public and private institutions, cultural associations, schools, universities, students and researchers as well as any other individual user.

## I'M NOT IT SKILLED: CAN I USE MOVIO?

Of course. You can realise a virtual exhibition with MOVIO without any specific IT skill; only if you wish to customise the software and the templates you need specific expertise. What you really need is a particular care for the content in your exhibition, which must be provided with a clear and simple language, suitable to the web communication.

## HOW CAN I LEARN ABOUT MOVIO?

The information and the tutorials about MOVIO are on <http://wiki.athenaplus.eu>

- general info
- software available versions
- installation requirements
- the user manual in .pdf format
- the video-tutorials
- the announcements of the training courses
- how to subscribe to the mailing list of the MOVIO user community

## HOW CAN I IMPROVE MOVIO?

Include cards on real and digital exhibitions in MOVIO HUB, an international catalogue of digital and physical exhibitions.

## MOVIO

### Contents [hide]

- 1 Introduction to the training materials
- 2 MOVIO getting started
- 3 MOVIO manual pages
- 4 MOVIO FAQ videos

### Introduction to the training materials [edit]

The training materials are composed of three sections:

- MOVIO getting started: a simple overview of things to keep in mind
- MOVIO manual pages: text and screenshots on how to work with MOVIO
- MOVIO FAQ videos: short tutorial videos that answer MOVIO-related questions

### MOVIO getting started [edit]

First time using MOVIO to create a virtual exhibition? Check the [MOVIO Getting started page](#).

### MOVIO manual pages [edit]

#### 1. Introduction to the MOVIO back-end

This manual provides a brief overview of the general functionalities of the MOVIO back-end.

#### 2. Customisation of MOVIO template

The default MOVIO template can be customised in terms of structure, font and colours.

#### 3. Multilingualism in various MOVIO components

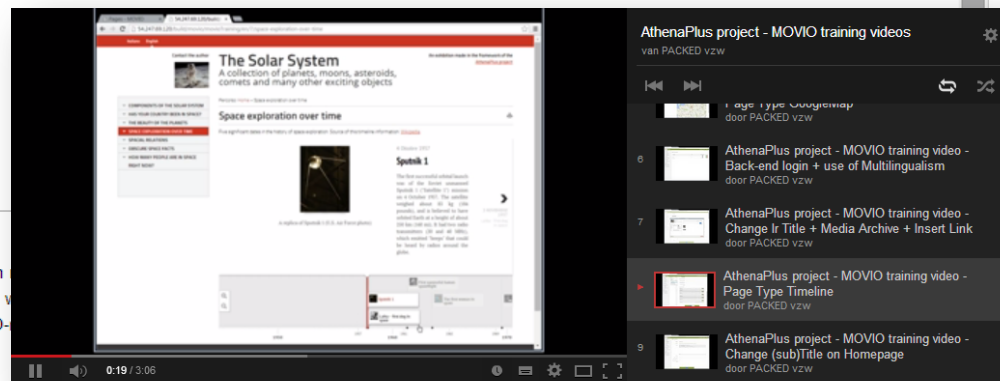
In different aspects of the MOVIO tool, multilingualism is possible.

#### 4. Management of user and group roles

This module allows the management of personal data (name, surname, e-mail, etc.) and the credentials of users who may have access to the back end and front end of a MOVIO instance.

#### 5. The WYSIWYG text editor

WYSIWYG is an acronym that stands for 'What You See Is What You Get'. In MOVIO, a WYSIWYG editor allows you to edit the text content on web pages similarly to using a normal word processing application.





MOVIO Video: <http://youtu.be/JDFXEgmTvB8>

MOVIO websites:

<http://www.movio.beniculturali.it>

<http://www.gruppometa.it/it/44/movio>

AthenaPlus wiki: <http://wiki.athenaplus.eu>

AthenaPlus community: <http://athenaplus.wordpress.com>

AthenaPlus public deliverables and documents:

<http://www.athenaplus.eu/index.php?en/156/deliverables-and-documents>

Digital exhibition guidelines

<http://www.indicate-project.org/getFile.php?id=412> (English)

<http://www.otebac.it/getFile.php?id=507> (italian)

<http://www.indicate-project.org/getFile.php?id=481> (Arabic)

Some exhibitions curated using MOVIO:

<http://www.movio.beniculturali.it/index.php?it/68/mostre-realizzate>

CMS MOVIO: Code request form:

<http://www.movio.beniculturali.it/index.php?en/73/cms-movio-code-request-form>



**ATHENA  
PLUS**

Access to cultural heritage  
networks for Europeana

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# AthenaPlus Musem Pilot



## How to find your beautiful material in a bin of 42 million records?



 @jpekel

Meisje is verdwaald op het strand. Nationaal Archief



Joris Pekel and Marie-Claire Dangerfield, Collection Development and Metadata Quality  
<http://de.slideshare.net/Europeana/collection-development-and-metadata-quality> p.14

## “Give end-users consistent, reliable access to information”

- 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

### Refine your results:

▼ Add more keywords

► By media type

► By language of description

► By year

► By providing country

► Can I use it?

► By copyright

► By provider

► By data provider



## 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)

# Requirements Analysis

## More specific metadata

Overview of the LIDO Metadata Elements – **Mandatory** | **Mandatory if applicable** | **Recommended**

### **Mandatory elements**

*These elements are mandatory in each metadata record and the information is used for browsing the objects in a museum-specific portal*

**Metadata language** **Object / Work Type** **Classification** **Object Title** **Location** **Event Information**  
**Record Information** **Resource Set**

### **Mandatory if applicable elements**

*These elements are mandatory if applicable for the described object and the information is used for browsing the objects in a museum-specific portal*

**Repository Name**  
**Event Information ->** **Actor** **Cultural Context** **Date** **Period** **Place** **Material / Technique**  
**Subject Information ->** **Theme-Concept** **Actor** **Date** **Place**

### **Recommended elements**

*These elements are recommended if applicable and the information is used for displaying the object information in a museum-specific portal*

**Inventory Number** **Object Description** **Object Measurement**  
**Event Information ->** **Event Name** **Actor->Role** **Actor->Attribution** **Actor->Extent** **Method** **Material/Technique->Extent**  
**Subject Information ->** **Extent Subject**  
**Related Works**  
**Rights Work**  
**Resource Set ->** **Date Taken** **Creator of Resource** **Resource Description**

- Need for distinction between indexing and display [**“findable”** and **“readable”**]
- Need for possibility to display uncertainty
- Need for possibility to transmit type of contribution, roles, extent [**“readable”** and **“meaningful to audiences”**]
- Need for distinction between information coming from the content provider and automatically enriched information [**“trusted process”**]

**Musem Collections Pilot** aims at **show casing museum collections with a new presentation model**. The enhanced and quality metadata produced by museum curators in respect to **LIDO** metadata model is generated by **MINT** and elaborated inside **MOVIO**. The resources are more than 1.000 content items from more than 20 museum institutions and organized in respect to a thesaurus navigation (similar to Getty's **AAT**).



**Ajuntament de Girona**

**Biblioteca nazionale centrale di Roma**

**Bildarchiv Foto Marburg**

**Budakeszi Helytörténeti Gyűjtemény és Tájház**

**Central Library of the Bulgarian Academy of Sciences**

**Hungarian National Gallery**

**ICCU**

**Kupferstichkabinett, Staatliche Museen zu Berlin**

**Lietuvos dailės muziejus / Lithuanian Art Museum**

**Livrstkammaren och Skoklosters slott med stiftelsen Hallwylska museet**

**Muzej za umjetnost i obrt, Zagreb**

**Nationalmuseum, Sweden**

**Petőfi Literary Museum online public access catalogue**

**ICIMSS**

**Royal Collection Trust**

**Royal Institute for Cultural Heritage (KIK-IRPA)**

**Schola Graphidis Art Collection, Hungarian University of Fine Arts, Budapest**

**Šiaulių „Aušros“ muziejus / Šiauliai Aušros Museum**

**The Cyprus Institute – STARC**

**The Israel Museum, Jerusalem**

**Technical Implementation: META – NTUA - UNIMAR**

**IRCDL 2016, Firenze**

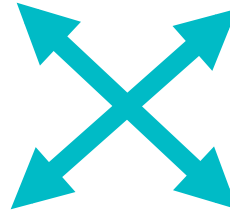
**LIDO**  
*Lightweight Information Describing Objects*

by



**The Art & Architecture  
Thesaurus (AAT)®**





















by



**MINT**

**MVIO**

The screenshot shows the top navigation bar of the LIDO Museum interface. The active tab is "Mapping: Museum Pilot (LIDO Museum)". Below the tabs, the "Mapping: Museum Pilot (LIDO Museum)" panel is visible, showing the "Museum Pilot" title and "LIDO Museum" organization. The "Navigation" panel is also visible, showing the "Preview" button and the "Navigation" button. The "Navigation" panel also includes a "Preferences" button and a "Help" button. The "Navigation" panel also includes a "Navigation" button and a "Navigation" button.

- |   |   |
|---|---|
| 1. Descriptive metadata language (M)  |    |
| 2. Object/Work Type AAT (Recommended use of AAT URI - M)                      |    |
| 3. Cultural Heritage Type (M)   |    |
| 4. Thematic Context (M)   |    |
| 5. Title (M)  |    |
| 6. Current Repository - Name (M/A)  |    |
| 6a. Current Repository - Identifier (if ULAN or VIAF URI exists M/A)          |    |
| 7. Current Repository - WorldID (R)   |    |
| 8. Current Repository - Location (M)  |    |
| 8a. Current Repository - Location Identifier (if TGN URI exists M)            |    |
| 8b. Current Repository - Location is part of TGN Nation (if TGN URI exists M) |    |
| 9. Object Description (R)   |   |
| 10. Object Measurements / Dimensions (R)                                      |    |
| 11. Inscriptions (R)  |    |
| 12. Event Set (at least one M)  |    |
| - Event Type (M)  |    |
| 13. Event Actor - Display Name (R)  |   |
| 14. Event Actor - Name (M/A)  |    |
| 14a. Event Actor - Actor Identifier (if ULAN or VIAF URI exists M/A)          |    |

1. Descriptive metadata language (M)
2. Object/Work Type AAT (Recommended use of AAT URI - M)
3. Cultural Heritage Type (M)



**Museum Collections Pilot** aims at showing museum collections with a new presentation model. The enhanced and quality metadata produced by museum curators in respect to LIDO metadata model is generated by MINT and elaborated inside MOVIO. The resources are more than 1.000 content items from more than 20 museum institutions and organized in respect to a thesaurus navigation (similar to Getty's AAT).

[Home](#) [Explore](#) [Search](#) [Institution](#) [About](#)

EXPLORE BY PLACE

Explore By Work Type

Browse the collections by Getty's AAT Work Types

The Art & Architecture Thesaurus (AAT)®

Explore By Object Classification

Browse the collections by Getty's AAT Hierarchy

- Built Environment (62)
- Furnishings and Equipment (317)
  - > Containers (68)
  - > Costume (142)
  - > Furnishings (61)
  - > Measuring Devices (5)

Search

Search 2863 results

Map

You can Explore by worktype, by object classification, by time, by place, by institution

## Tools and Equipment

### Built Environment (62)

### Furnishings and Equipment (317)

- Containers (68)
- Costume (142)
- Furnishings (61)
- Measuring Devices (5)
- Sound Devices (5)

### ✓ Tools and Equipment (12)

- molds (shaping tools) (0)
- stoves (heating equipment) (0)
- tableware (0)
- Transportation Vehicles (0)
- Weapons and Ammunition (3)

### Visual and Verbal Communication (1212)



Circumcision knife



Circumcision knife



Inscribed Hebrew seals



K'inich Janaab Pakal I (Great-Sun-Shield), King of Palenque, depicted on an incense burner



Mortar decorated with seven-branched candelabrum and Hebrew letters



Ofen



Queen Charlotte's notebook




Rankšluostis





© Rights Reserved - Free Access

View item at  
[Bildarchiv Foto Marburg](#)

 Cite on Wikipedia

 Translate details

Select language ▾

Powered by Microsoft® Translator

## Evangelischer Dom Sankt Nikolaus (Westfassade von Westen)

### Date:

1258; Part of: [3 quarter of the 13th century](#); From: 01-01-1258 — To: 31-12-1258; 1843/1847; 1887/1893; [1945](#); Part of: [Mid 20th century](#); From: 01-01-1945 — To: 31-12-1945; 1945/1952; [13-th, 13th, 13th century](#); Part of: [Second millenium AD](#); From: 01-01-1201 — To: 31-12-1300; [Mid 20th century](#); From: 01-01-1934 — To: 31-12-1966; [20-th, 20th, 20th century](#); Part of: [Second millenium AD](#); From: 01-01-1901 — To: 31-12-2000

### Date of creation:

1201/1300; 1423/1473

### Type:

[Dom](#); [Architecture](#)

### Format:

Backstein; [brick \(clay product\)](#); [bricks \(clay products\)](#)

### Identifier:

obj/20340094-fmd454119

### Provenance:

Stendal

### Data provider:

[Bildarchiv Foto Marburg](#)

### Provider:

[AthenaPlus](#)

### Providing country:

Germany

Readable?



**Location:**  
Stendal Stendal, Kreis Sachsen-Anhalt - Germany

**Object measurements:**  
Staffelhalle dreischiffig

## Use

**Date:** 1258

## Production

**Date:** 1201/1300

**Material/Technique:** Backstein

## Production

**Date:** 1423-1473

## Restoration

**Date:** 1843-1847

## Restoration

**Date:** 1887-1893

## Part removal

**Date:** 1945

## Modification

**Date:** 1945-1952

## Rights:

Foto: Gaasch, Uwe

## Rights Holder:

Bildarchiv Foto Marburg

## Resource Rights Type:

<http://www.europeana.eu/rights/rr-f/>

## Legal status:

CC0 1.0 Public Domain Dedication



# Textiles from Naszód, Kolozs county and donation of Fr. Fischbach

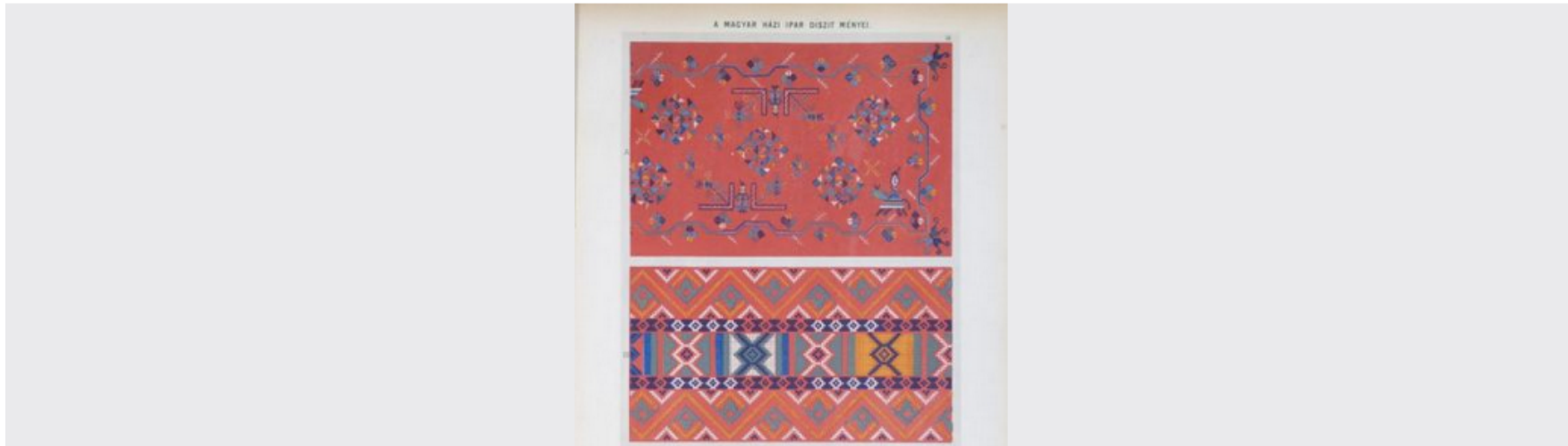
[Link to this page](#)

→ Institution

Schola Graphidis Art Collection, Hungarian University of Fine Arts - High School of Visual Arts, Budapest

[www.scholagraphidis.org](http://www.scholagraphidis.org)

[Data provider's object view](#)



Hongrie, publiée par le musée national hongrois. Budapest 1879. - Acta nova musei nationalis Hungarici. T. II. - Budapest : Magyar Kir. Egyetemi Könyvnyomda, 1878. Plate 14. © Schola Graphidis Art Collection, Hungarian University of Fine Arts - High School of Visual Arts, Budapest

## Cultural Heritage type:

[Visual Works](#)

## Location:

Hungary - Hungary

## Object measurements:

37.7 x 26 cm

## Creation

○ designed by Fischbach, Friedrich (1839-1908) (designer)

□ **Culture:** Hungarian Romanian

🕒 **Date:** 1878 Historicism

## Production

○ printed by Dorndorf, Bernhard (printing house)

💧 **Material/Technique:** chromolithography

## Publication

○ published by Hungarian National Museum, Budapest (museum)

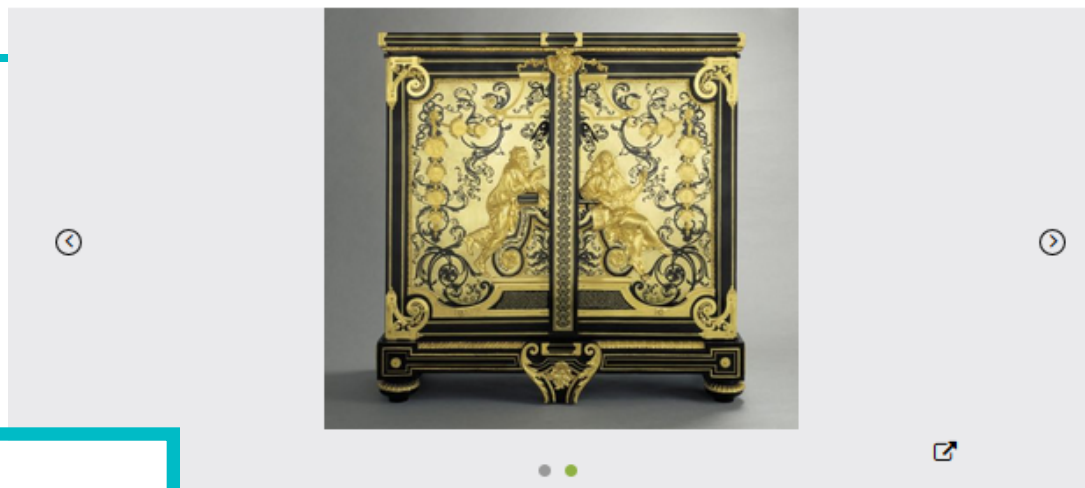
## Rights:

Schola Graphidis Art Collection, Hungarian University of Fine Arts - High School of Visual Arts, Budapest

## Resource Rights Type:

## Subject/theme:

ornaments, decorations, decorative arts, folk art, pattern books



## Production

○ André-Charles Boulle (1642-1732)  
(furniture maker) Attributed to

🕒 **Date:** c.1735-40

📍 **Place:** France

💧 **Material/Technique:** boulle work, mounted, inlaid

## Provenance

○ George IV, King of the United Kingdom (1762-1830) (Acquirer)

dar ebony and boullework cabinets; each with two doors mounted in gilt bronze with a kneeling, bearded, man (Socrates) and seated woman (Aspasia), designs in her right hand and points with her left; surrounded by garlands of medals. White marble tops. Twenty-five of these cabinets, dating from three eighteenth century, have been identified. The first group, made under the direction of André-Charles Boulle himself, probably dates from 1705-15; the pair belongs, are repetitions from Boulle's workshop of the 1720s and 1730s. A third group dates from the period after 1760 when a number of new and several existing examples, from the first or second periods, were restored. Although the earliest of these cabinets were certainly intended for medals, as XIV as diplomatic gifts (Présents du Roi), by the 1730s they were as likely to have been used - in spite of their very specific decoration - simply as other articles. In the case of these cabinets and several others of this second group, there is no physical evidence that they ever contained medal shelves, central foot which was originally designed to support the weight of medals. The figures of Socrates and Aspasia (the mistress of Pericles), constant on these cabinets, derive either from Michel Corneille's painting of 1673 on the ceiling of the Salon des Nobles at Versailles or perhaps from a drawing the subject of Boulle's possession. Both figures of Aspasia on the cabinets are signed on the reverse by an unidentified bronze-maker, C(?) Richar[d]. The doors are dated between 1643 and 1697, record the principal events of Louis XIV's reign and are often (as in the present case) of surprisingly low quality. The full the contemporary passion for Boulle furniture and acquired many splendid examples. These cabinets may have been purchased from the dealer they were at Carlton House in the Blue Velvet Closet in 1818 and in the library by 1826. Despatched in 1828 to Morel & Seddon for restoration and placed on at Windsor Castle, they were subsequently transferred to the Grand Corridor. One stamped DELORME (for J.L.F. Delorme, maître 1763, as restorer); AIT par C(?) Richar. Catalogue of the Royal Collection, A Golden Jubilee Celebration, London 2002.

### Production

○ André-Charles Boulle (1642-1732) (furniture maker)  
Attributed to

🕒 **Date:** c.1735-40

📍 **Place:** France

💧 **Material/Technique:** boulle work, mounted, inlaid

### Provenance

○ George IV, King of the United Kingdom (1762-1830)  
(Acquirer)

💧 **Material/Technique:** [None]

### Restoration

○ Morel & Seddon (Restorer)

○ Delorme (Restorer)

💧 **Material/Technique:** [None]

### Subject/theme:

Medals

### Resource Rights Type:



## Production

○ André-Charles Boulle (1642-1732)  
(furniture maker) Attributed to

Display  
with role and attribution

Index

```
<lido:eventActor>
  <lido:displayActorInRole>André-Charles Boulle (1642-1732) </lido:displayActorInRole>
  <lido:actorInRole>
    <lido:actor>
      <lido:actorID lido:type="URI">http://vocab.getty.edu/ulan/500029110</lido:actorID>
      <lido:nameActorSet>
        <lido:appellationValue xml:lang="en">Boulle, André-Charles</lido:appellationValue>
      </lido:nameActorSet>
    </lido:actor>
    <lido:roleActor>
      <lido:term>furniture maker</lido:term>
    </lido:roleActor>
    <lido:attributionQualifierActor>Attributed to </lido:attributionQualifierActor>
  </lido:actorInRole>
</lido:eventActor>
```



## Visual Works

Built Environment (62)

Furnishings and Equipment (317)

Visual and Verbal  
Communication (1212)

➤ Information Forms (98)

✓ Visual Works (1114)

- bas-reliefs (sculpture) (0)
- busts (figures) (0)
- drawings (visual works) (0)
- figurines (0)
- glass plate negatives (0)
- idols (0)
- medallions (medals) (0)
- miniatures (paintings) (0)
- mummies (bodies) (0)
- paintings (visual works) (0)
- photographs (0)
- prints (visual works) (0)
- reliefs (sculptures) (0)
- retables (altar appendages) (0)
- scroll paintings (0)
- sculptures (visual works) (0)
- stained glass (visual works) (0)
- statues (0)



"The Kitchen Maid"



'Noli Me Tangere'



‘Ανθρωποι – People



A Calm: A States Yacht under Sail  
close to the Shore with many  
other Vessels



A capriccio with a monumental  
staircase



A catte



A Country Cobbler



A Country House on the Vliet  
near Delft



A Courtyard in Delft at Evening: a  
Woman Spinning



A Day of Celebration

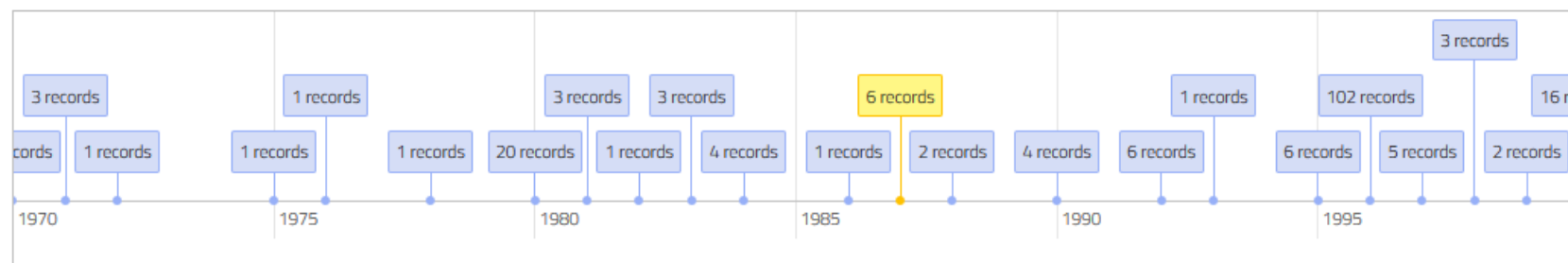


A deluge

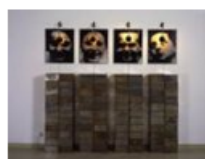


A Flemish Fair

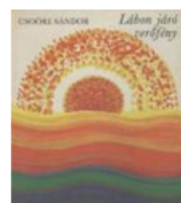
## By Time



Abbau der ständigen Ausstellung des Ägyptischen Museums und der Papyrussammlung im Bode-Museum



Altar to the Chases High School (Autel Chases)



Lábon járó verőfény : [versek]



Mechanischer Weihnachtsberg



DEMES



## Approach

- Keeping it simple
- Building on available standards
- Selecting descriptive elements used in the descriptive practice of cultural organisations
- Ranking elements (mandatory, recommended, optional) with only a few mandatory ones, for a maximum of flexibility

## Result

- 30 descriptive elements, grouped into
- 7 semantic sections, packaged as
- ***DEMES, Digital Exhibition Metadata Element Set, 0.9***
- Expected to be improved, integrated, updated and evolved based on feedback by the professional community and the experience that will be developed through use

# Metadata for the description of digital exhibitions

A SET OF 30 DESCRIPTIVE ELEMENTS SPECIFIC TO DIGITAL EXHIBITIONS, GROUPED INTO SEVEN SEMANTIC SECTIONS DERIVED FROM EXISTING STANDARDS. THE SEVEN SECTIONS, INCLUDING THE ELEMENTS, ARE PACKAGED TOGETHER IN A WRAPPER CALLED DIGITAL EXHIBITIONS METADATA ELEMENTS SET, WHOSE ACRONYM IS DEMES.



<http://www.athenaplus.eu> | [info@athenaplus.eu](mailto:info@athenaplus.eu)

METADATA FOR THE DESCRIPTION OF DIGITAL EXHIBITIONS: THE DEMES ELEMENT SET





METADATA FOR THE DESCRIPTION

OF DIGITAL EXHIBITIONS:

THE DEMES ELEMENT SET

Version 0.9 (August 2015)




# DEMES structure

<b>1. Identification</b> <ul style="list-style-type: none"> <li>- Identifier</li> <li>- Title</li> </ul>	<b>5. Access</b> <ul style="list-style-type: none"> <li>- Is accessed via</li> <li>- Requires</li> </ul>
<b>2. Description</b> <ul style="list-style-type: none"> <li>- Description</li> <li>- Language</li> <li>- Type</li> <li>- Date</li> <li>- Item type</li> <li>- Item format</li> <li>- Target audience</li> <li>- Accrual policy</li> <li>- Provenance</li> </ul>	<b>6. Rights</b> <ul style="list-style-type: none"> <li>- Rights</li> <li>- Rights holders</li> </ul>
<b>3. Subject</b> <ul style="list-style-type: none"> <li>- Subject</li> <li>- Spatial coverage</li> <li>- Temporal coverage</li> </ul>	<b>7. Relations</b> <ul style="list-style-type: none"> <li>- Super collection</li> <li>- Sub collection</li> <li>- Relation</li> <li>- Associated physical exhibition</li> <li>- Associated digital exhibition</li> <li>- Associated digital collection</li> <li>- Associated event</li> <li>- Catalogue or index</li> <li>- Associated publication</li> </ul>
<b>4. Responsibility</b> <ul style="list-style-type: none"> <li>- Curator</li> <li>- Contributor</li> <li>- Publisher</li> </ul>	



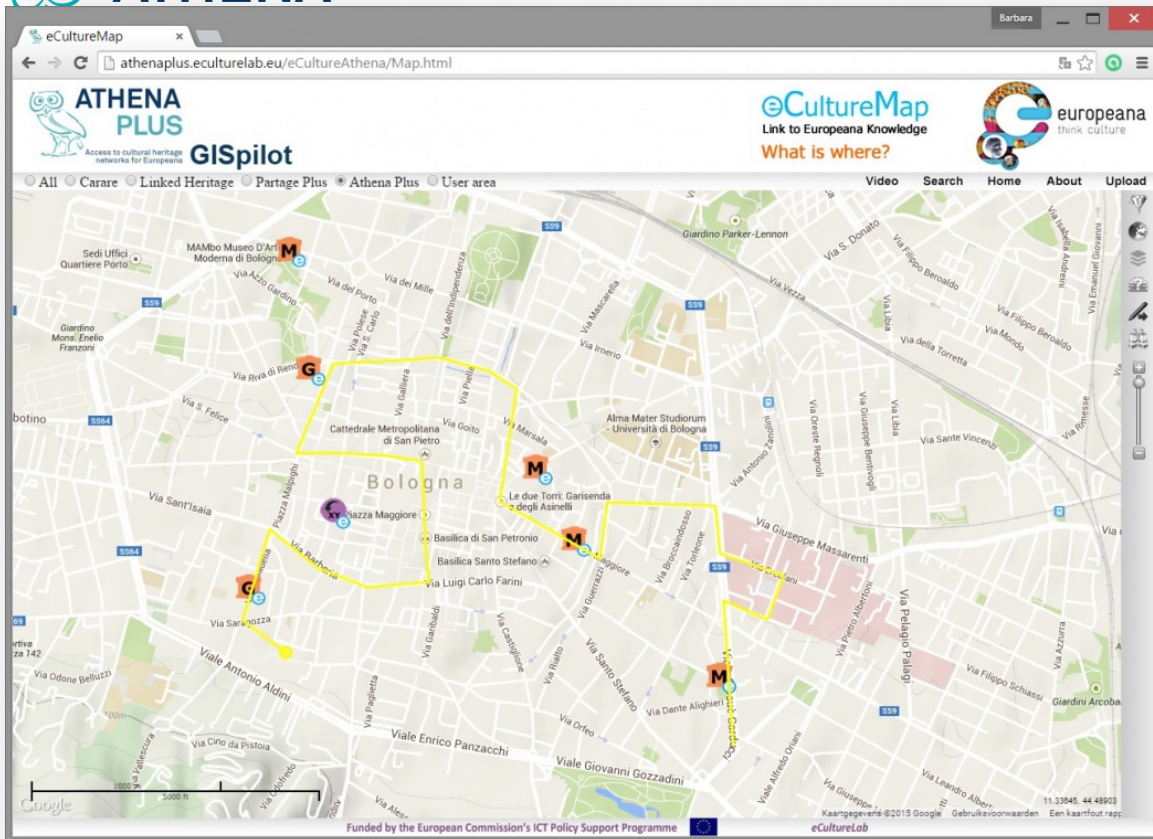


**ATHENA  
PLUS**

Access to cultural heritage  
networks for Europeana

---

# eCultureMap



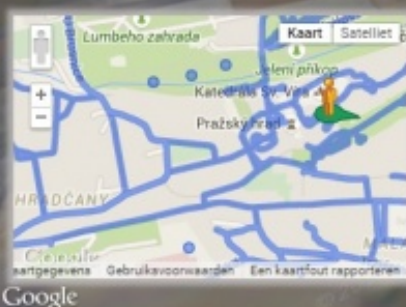
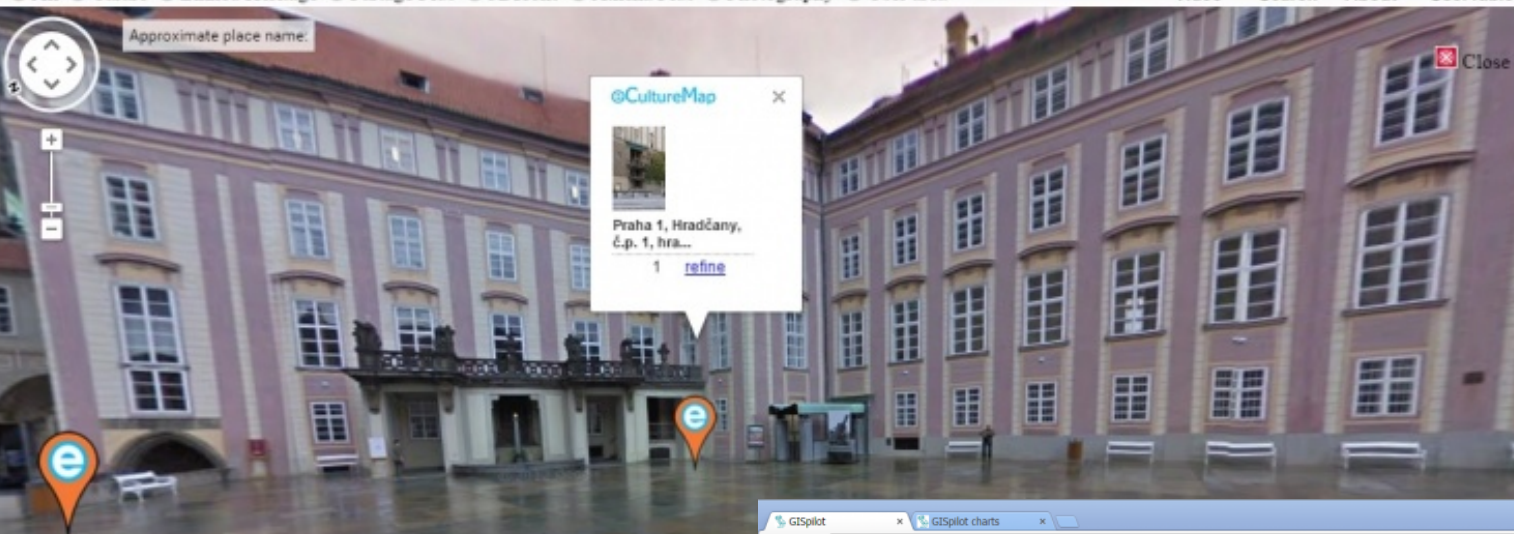
- **eCultureMap** (Slovenian Ministry of Culture) is a tool that was developed to demonstrate the value of geographical information added to cultural heritage data.

## Available through online interface and application + API

---

- Finding and discovering cultural content on (a) certain location(s)
- Planning a cultural route via map, connected to Google Street View
- Upload & geoparse your own content data: easily adding geographical identifiers – e.g. coordinates – to textual information in your data such as full text place names
- eCultureMap augmented reality mobile application: browse over more than 2 million heritage objects from the eCultureMap on smartphone (Android only)
- AthenaPlus GIS Pilot APIs: two APIs available for web developers (e.g. heritage portal site). You can embed the eCultureMap data in webpages or applications





Funded by the European Commission's ICT Policy S

ID	TITLE	THUMBNAI	CONTEXT	CONTEXTG	PlaceName	Country	ACCU
1	Panjska končnica	http://europea	http://www.et	http://www.Kranj	Gorenjska, Slovenia	Slovenia	
2	Panjska končnica	http://europea	http://www.et	http://www.Britof	Gorenjska, Slovenia	Slovenia	
3	Panjska končnica	http://europea	http://www.et	http://www.Podbrezje	Gorenjska, Slovenia	Slovenia	
4	Panjska končnica	http://europea	http://www.et	http://www.Praprotna policia	Gorenjska, Slovenia	Slovenia	
5	Panjska končnica	http://europea	http://www.et	http://www.Voklo	Gorenjska, Slovenia	Slovenia	
6	Panjska končnica	http://europea	http://www.et	http://www.Voklo	Gorenjska, Slovenia	Slovenia	
7	Panjska končnica	http://europea	http://www.et	http://www.Trboje	Gorenjska, Slovenia	Slovenia	
8	Panjska končnica	http://europea	http://www.et	http://www.Trboje	Gorenjska, Slovenia	Slovenia	
9	Panjska končnica	http://europea	http://www.et	http://www.Trboje	Gorenjska, Slovenia	Slovenia	
10	Panjska končnica	http://europea	http://www.et	http://www.Poljanska dolina	Gorenjska, Slovenia	Slovenia	



**ATHENA  
PLUS**

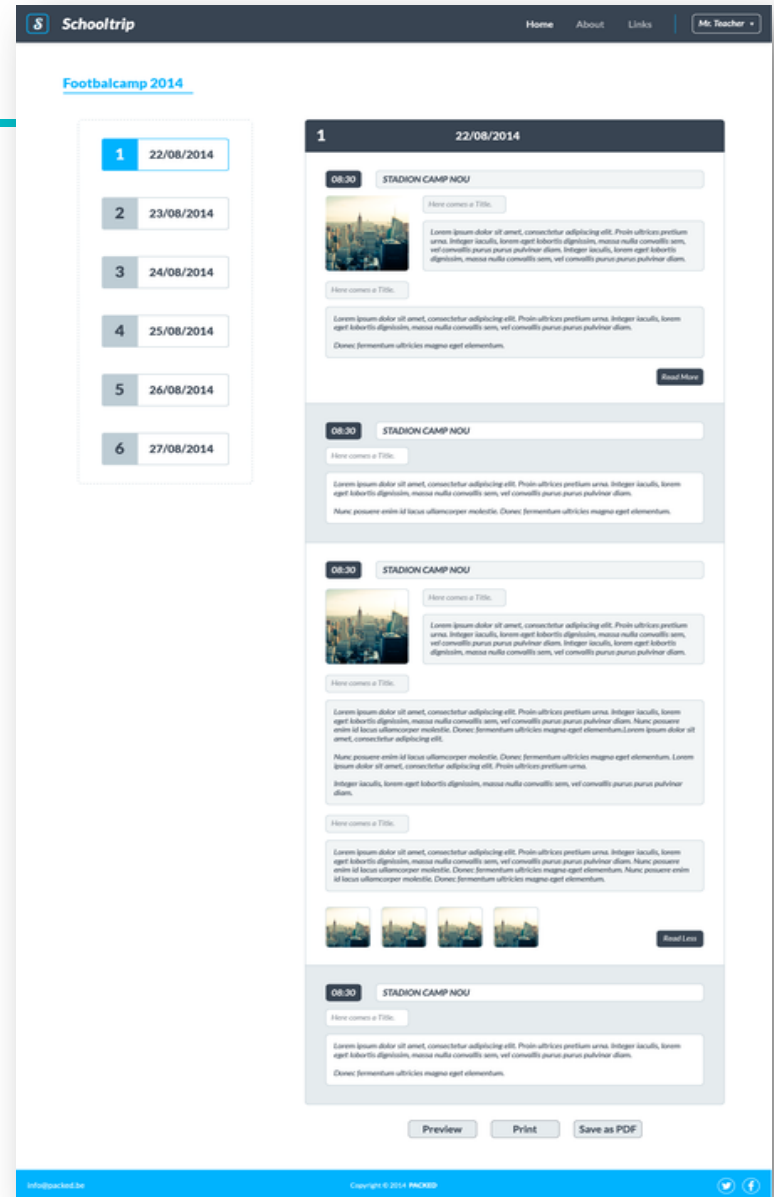
Access to cultural heritage  
networks for Europeana

---

# SchoolTrip

At the bottom of the slide, there are two horizontal bars. The top bar is a thin, light green line. Below it is a thicker, solid teal bar that spans the width of the slide.

- **SchoolTrip** (PACKED vzw) is a tool for planning a school trip. Through an interface, the teacher provides some parameters; students then collect the necessary travel information from a-z.
- The result is a document that can be taken along as an travel journal.



The screenshot displays the 'SchoolTrip' web application interface. At the top, there is a navigation bar with a logo, the title 'Schooltrip', and links for 'Home', 'About', 'Links', and a user profile 'Mr. Teacher'. Below the navigation bar, the main content area is titled 'Footballcamp 2014'. On the left side, there is a vertical list of dates from 22/08/2014 to 27/08/2014, with the first date (22/08/2014) highlighted. The main content area shows a detailed view of the first date, 22/08/2014, under the heading '1'. This view includes a section for '08:30 STADION CAMP NOU' with a placeholder image and text. Below this, there are several paragraphs of placeholder text (Lorem Ipsum) and a 'Read More' button. The interface also features a 'Preview' button, a 'Print' button, and a 'Save as PDF' button at the bottom. The footer contains the website 'info@packed.be', the copyright notice 'Copyright © 2014 PACKED', and social media icons for Twitter and Facebook.






# ATHENA PLUS

Access to cultural heritage  
networks for Europeans


## ■ Programme for download

- Possibility to add own media(content) or links via Europeana API
- Work individual or in groups
- Planning a to z, including practical organisation of things and trip
- Digital heritage as part of a bigger picture

 Home Community Help Bert De Groote

Community


Send message



Mark Stevens

#36/02/2015 08:02:42


I have found one where you can sit but it is more like a restaurant -> [http://caat.be/houtsiplou/?page\\_id=13](http://caat.be/houtsiplou/?page_id=13) shall I include it too or did you find any better tips?



Bert De Groote

7/16/02/2015 08:02:58


It seems like al these fries-places are very little also from what I can see through an images web search. Is it a custom to just be standing up while eating? We've been up all day!! :)



Louise Deblauwe

6/16/02/2015 08:02:09

Yes I have been looking at the NMBS-website but it is not very clear... the English section of the website is very limited. I posted some stuff already though



Mark Stevens

5/16/02/2015 08:02:43

I've started on the section of the Parlementarium. I found everything so I marked it as complete. Does anyone know about how we're going to get to Bruges?

info@packout.be




Louise Deblauwe Group discount Save

Title ?  
Group discount

Url ?  
<http://www.belgianrail.be/en/travel-tic>

Upload

Description ?  
There is a group discount of 70% on the normal ticket price if we buy for a group of 15 persons or more.



Search images on europeana...  
 Search

Louise Deblauwe Reserved seats & booking Edit

Bert De Groote Duration of the travel Edit



## The capital of Europe

### Tilburg - Brussels

From

16/02/2015



Untill

19/02/2015

Brussels is the capital of Belgium. Centrally located in Europe, it is often referred to as 'the capital of Europe'. This name is enforced by the European presence in the city. The European Parliament, European Commission and several other policy bodies have their office in Brussels. During this trip we will discover the city, its history and cultural sites, and the European presence.

### Records

 Parlementarium ▼

The Parlementarium is the European Parliament Visitors' centre . Prepare a visit and find the necessary information.

The programme should last 1/2 day. Is it possible to visit on a Monday? Look whether there are interactive possibilities (i.e. use of tablet in the exhibition)

Info page on Parlementarium by the EU Parliament

[Manage record](#)


**Not yet finished**

 Royal Museums of Art & History ▼

 Musical Instruments Museum ▼

 Belgian Fries ▼

 Mussels from Brussels ▼

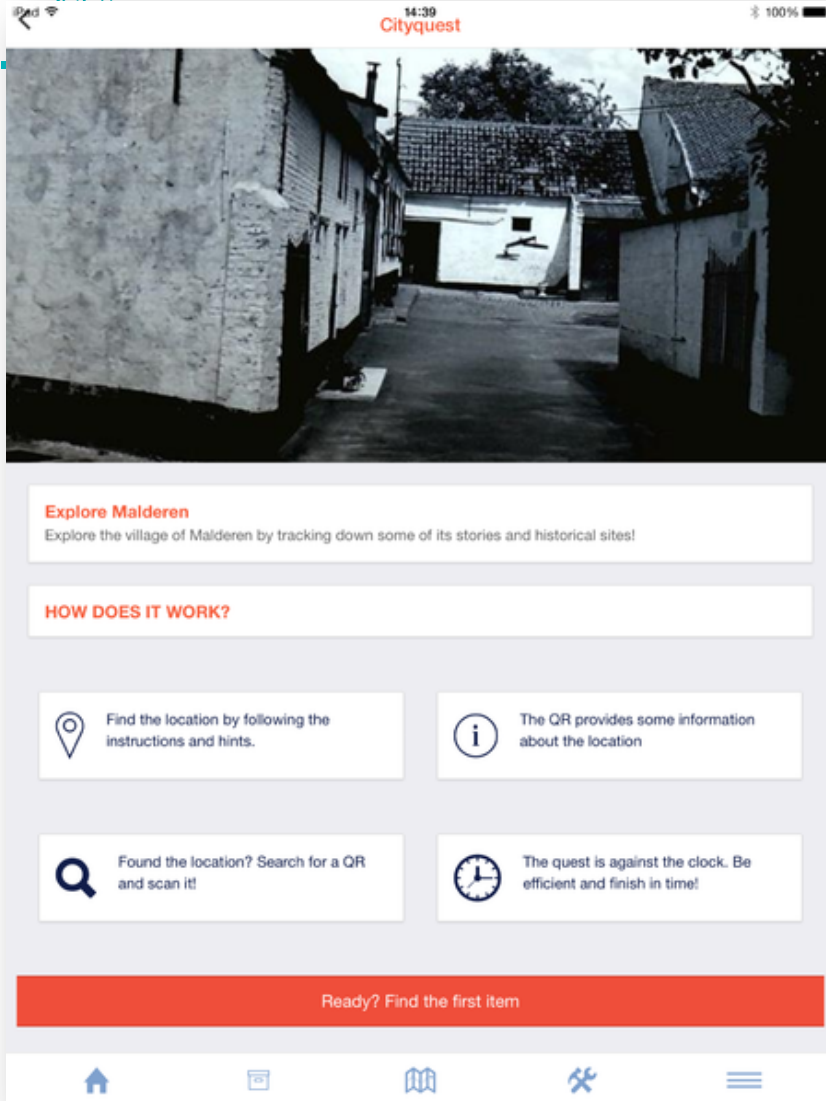
 Day trip to Bruges ▼

 Getting around in the city ▼

Finish all sections to proceed!



# ATHENA PLUS



- **CityQuest** (PACKED vzw) is a tool with which you can create a search/quest based on QR codes: guide your visitors through the city based on cryptic descriptions.

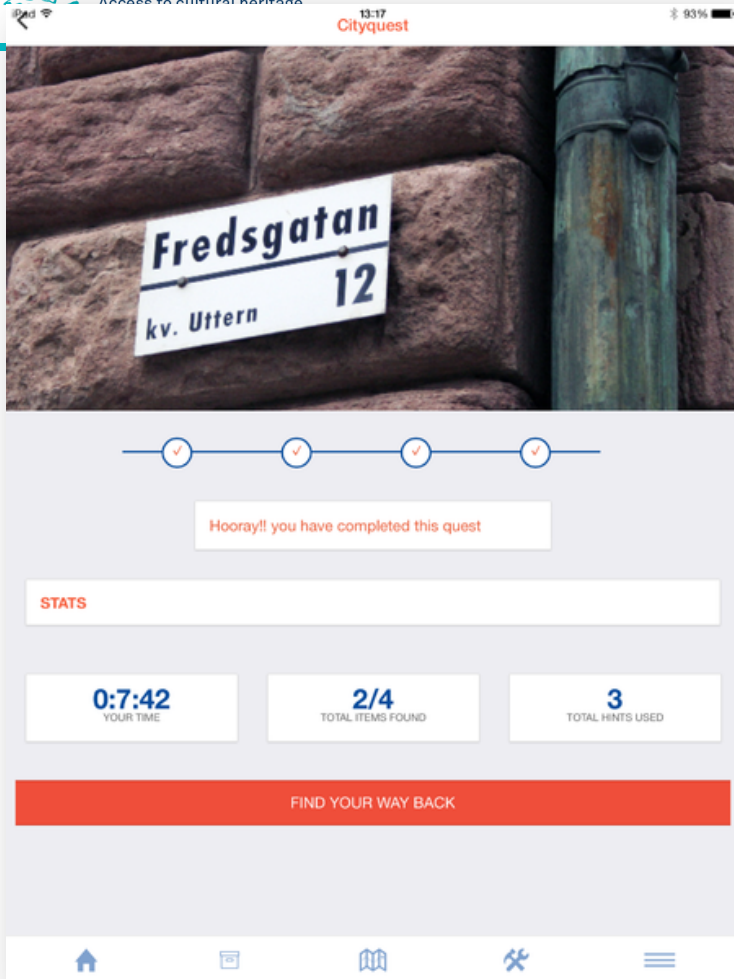


**ATHENA  
PLUS**

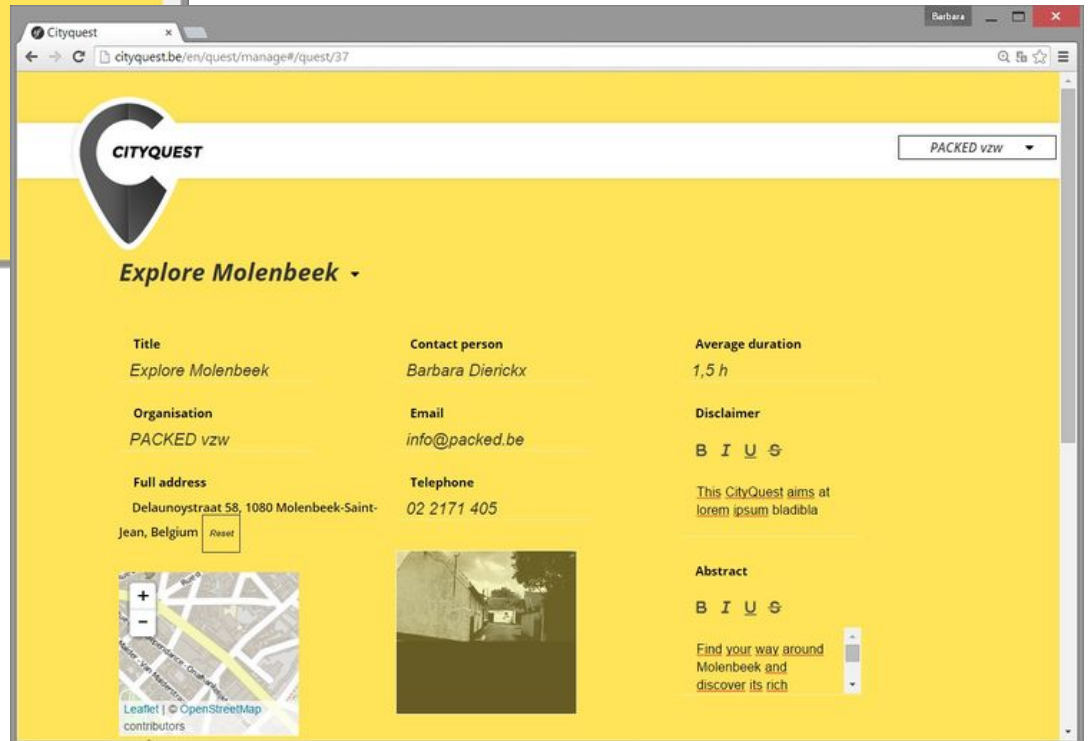
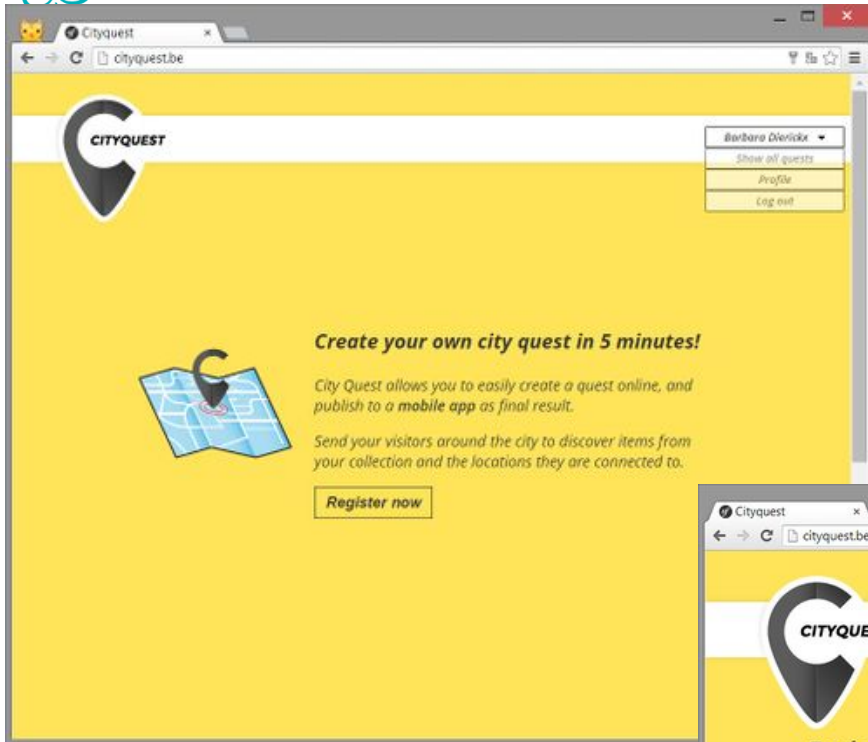
Access to cultural heritage  
networks for Europeana

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# CityQuest



- Online interface ([cityquest.be](http://cityquest.be)) and app (for Apple and Android)
- Create the Quest online and generate the QR-codes that are linked with every location
- Publish the Quest and enter the code in the app
- Can be played without internet connection on tablet or smartphone
- Registration of time, number of items found, number of hints used







**ATHENA  
PLUS**

- Access to cultural heritage network of Europeana

**Urban Explore** (Association Dédale) is a tool for the creation of a digital touristic cultural tour through storytelling, as part of a (city)visit, solo or in group.

The screenshot displays the Urban Explore app interface. On the left, a map of Riga shows a blue route with numbered stops (1, 2, 3, 4) connecting the Riga Stock Exchange to the Riga Bourse Art Museum. The map includes various street names and landmarks. On the right, a historical black and white photograph of the Riga Bourse building is shown. Below the photo, the title "From Riga Stock Exchange to Riga Bourse Art Museum" is displayed, followed by the subtitle "History and evolution of Dome Square and Riga Bourse building". A short description of the tour is provided, mentioning the app's design and the historical significance of the building. At the bottom right, there are two buttons: "Commencer la promenade" and "En savoir plus". The app's logo, "URBAN explore", is visible in the bottom right corner.

**From Riga Stock Exchange to Riga Bourse Art Museum**

*History and evolution of Dome Square and Riga Bourse building*

A short enriched tour base on Urban Explore app and design with Riga Bourse Art Museum. The visit allows to discover the history and the restoration of the museum building located in the Riga historical center. Archives materials from Riga Bourse collection and related content from Europeana show the building (outside and inside) before and after the different phases of restoration since 1861.

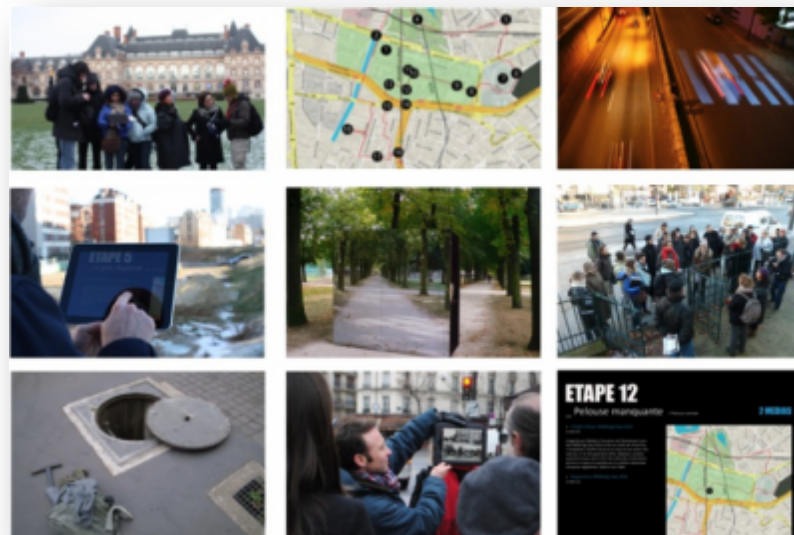
Commencer la promenade

En savoir plus

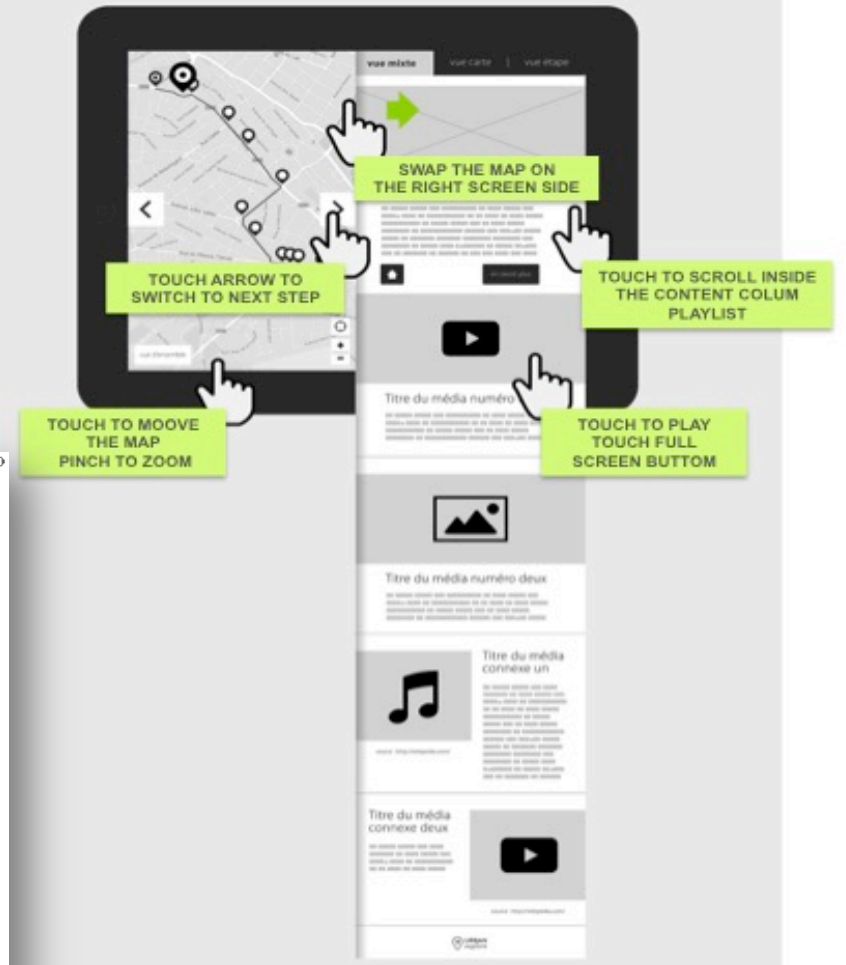
URBAN explore

- Online interface and mobile app (iPad only) that can be converted to a web version

- Aggregation of different data sources: Europeana data, user generated contents, content from heritage organisation, digital exhibition
- Links different media types into one story (video, audio, images – archive and present) with the places where users pass by or through
- Possibility to modify the app interface (colours, logo, header, ...)
- Developed as an add-on to a guided visit: asks the audience to play certain audiovisual content on specific locations, or show archive documents



## IPAD – EXPLORE TOUR WITH MIX VIEW





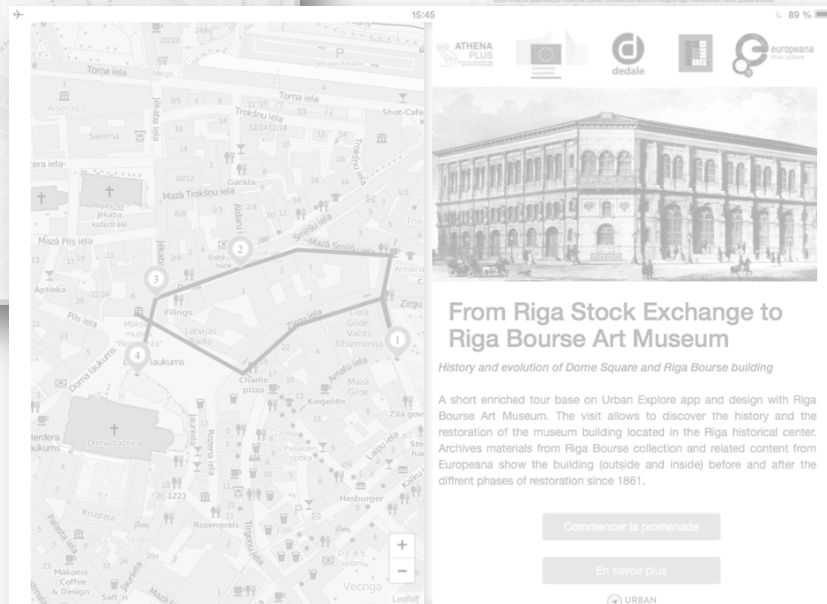
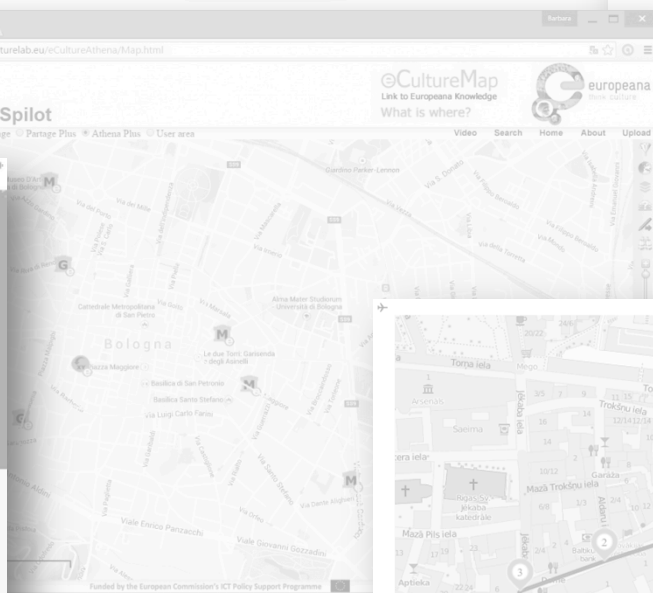
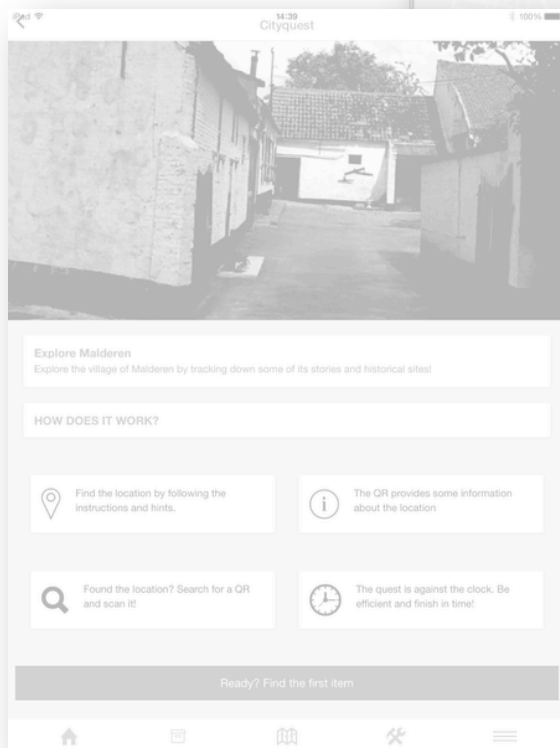
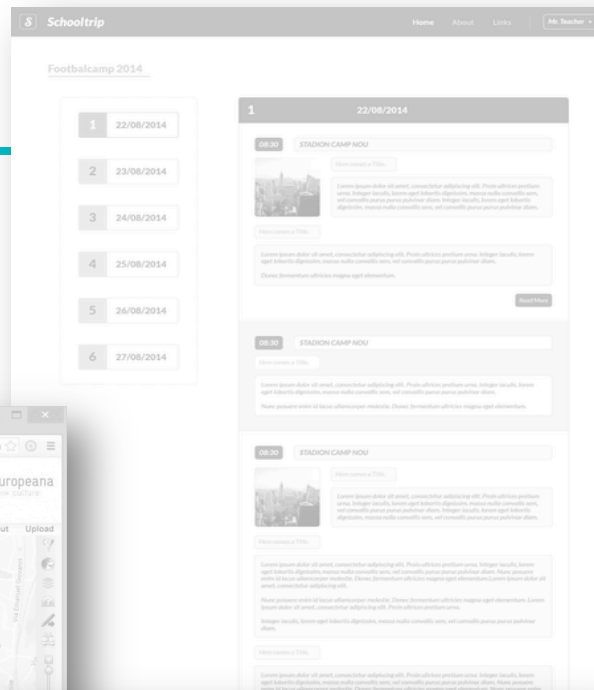
**PUBLISH**



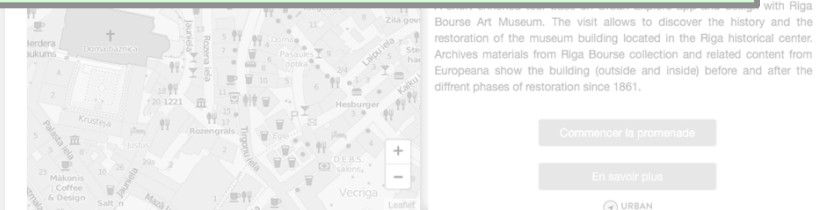
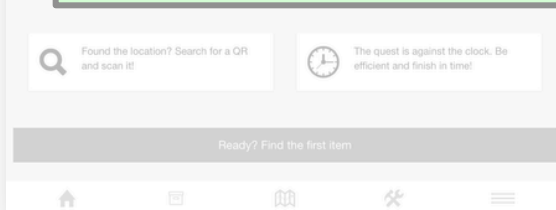
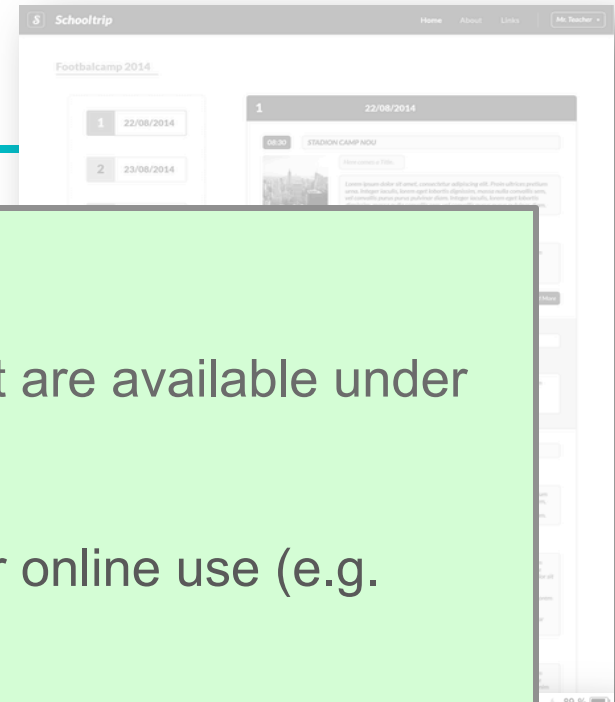
Smartphone



IOS  
Android



- All tools are **open source tools**, most are available under the MIT licence
- Download of the tools (like MOVIO) or online use (e.g. CityQuest interface) is **for free**
- Access to **source code through GitHub**: customise yourself
- All information on **wiki.athenaplus.eu**



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