



# ATHENA PLUS

Access to cultural heritage  
networks for Europeana



## *AthenaPlus Creative tools for the reuse of cultural heritage*

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AthenaPlus Technical coordinator

8 October 2015





# ATHENA PLUS

Access to cultural heritage  
networks for Europeana



AthenaPlus is a CIP best practice network with the goals to:

- Contribute 3.000.000 digital items to Europeana
- Develop a Terminology Management Platform to manage and map multilingual thesauri and terminologies
- **Develop creative tools for use of cultural heritage in digital exhibitions, touristic routes and education**
- Organise workshops and trainings in the field of GLAM

The project is a part of the Europeana ecosystem

41 partners, 20 EU countries

Coordinator: ICCU, Italy





PC



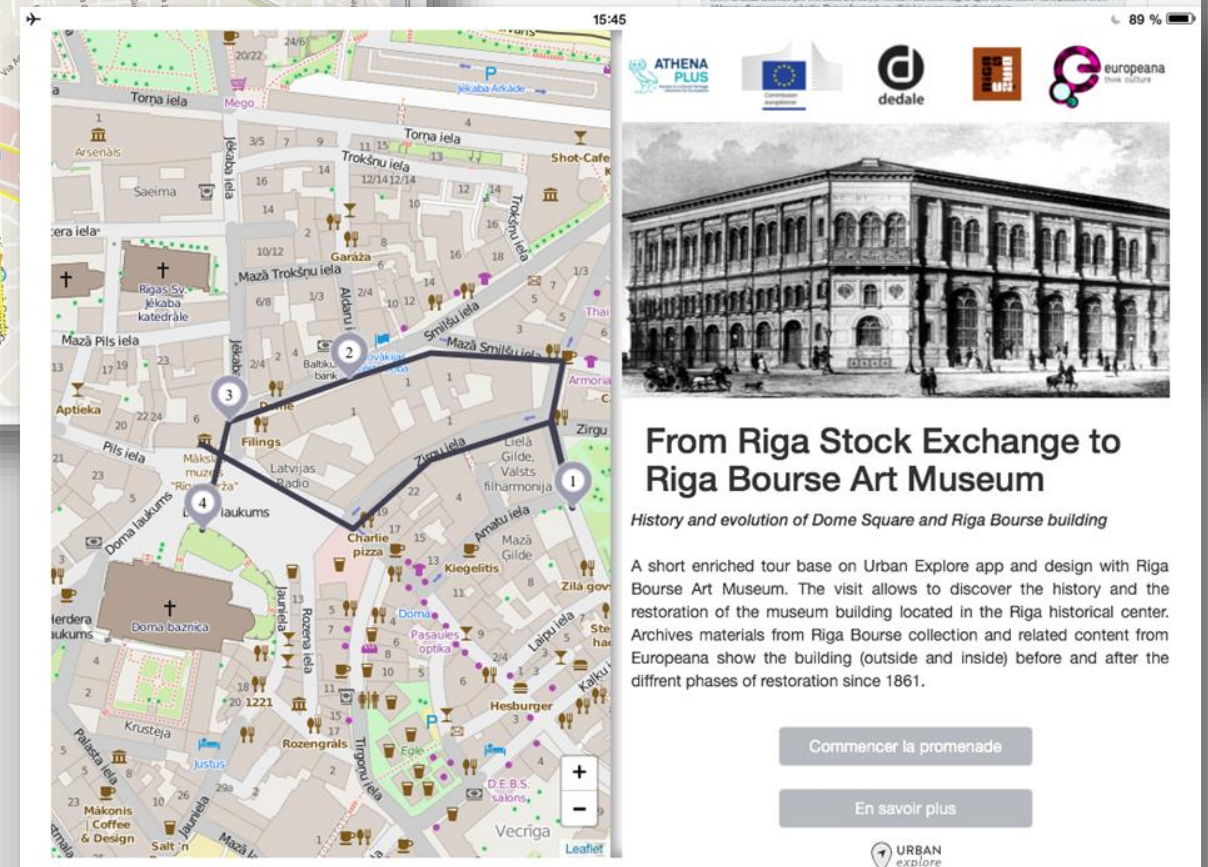
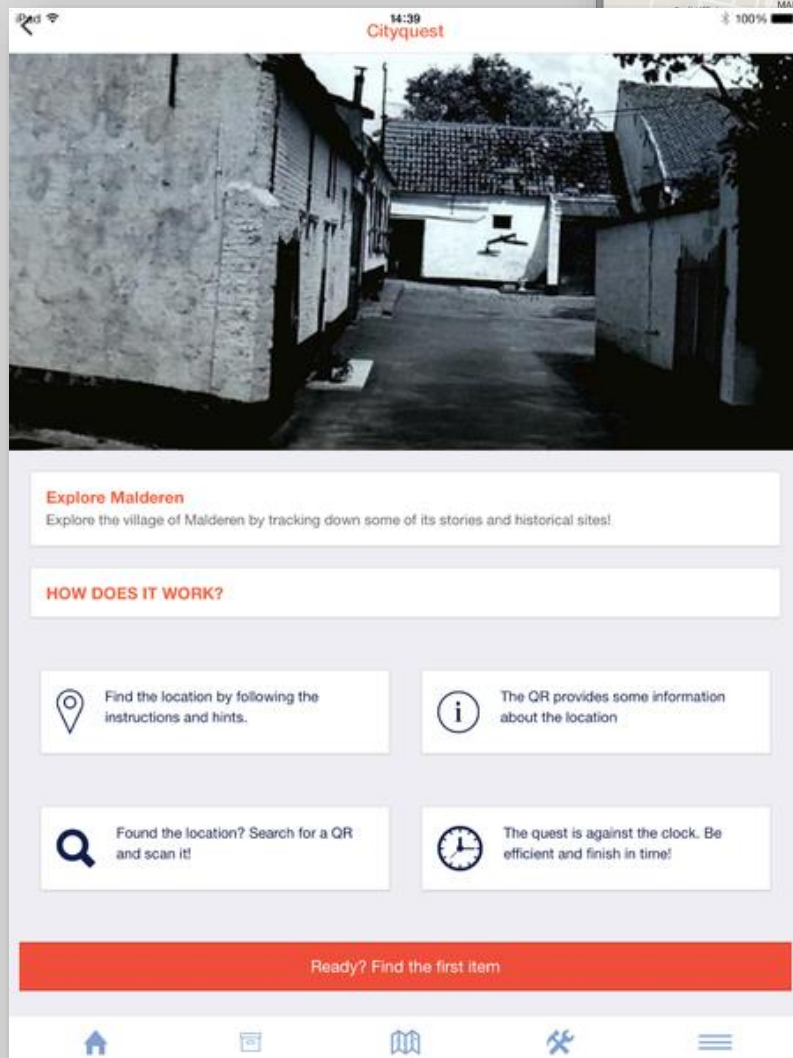
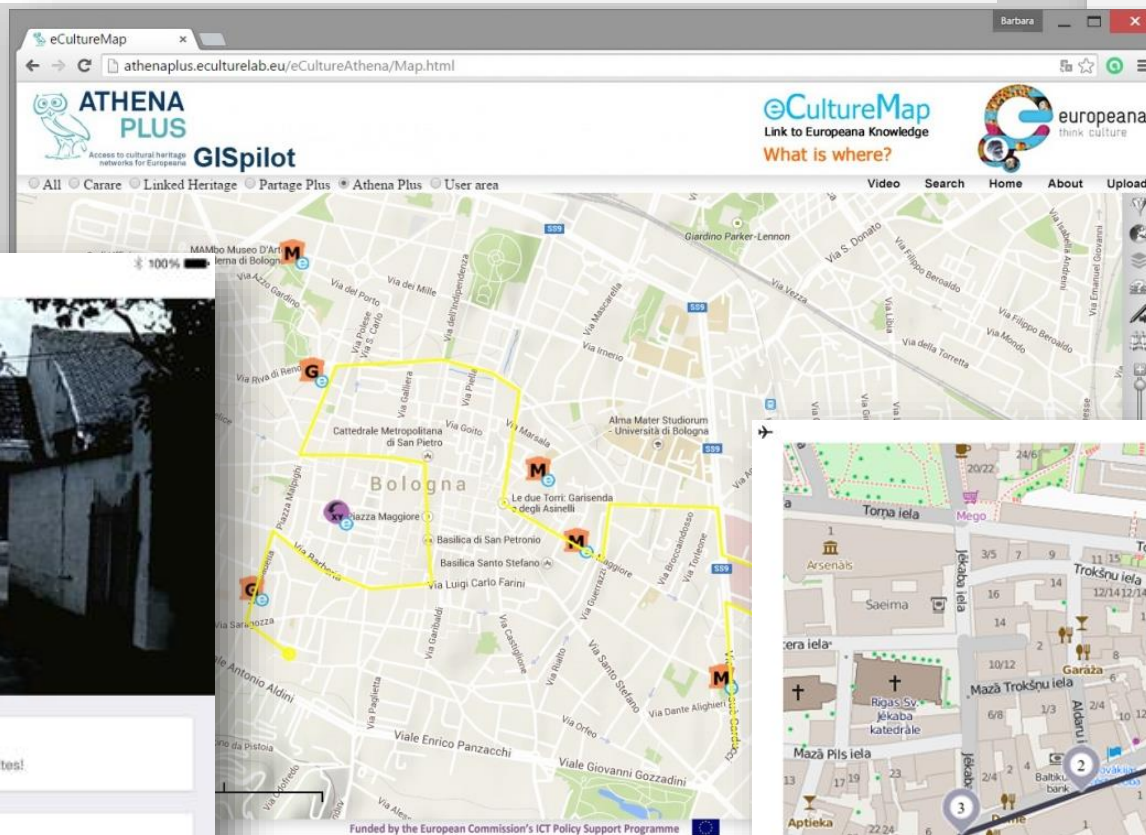
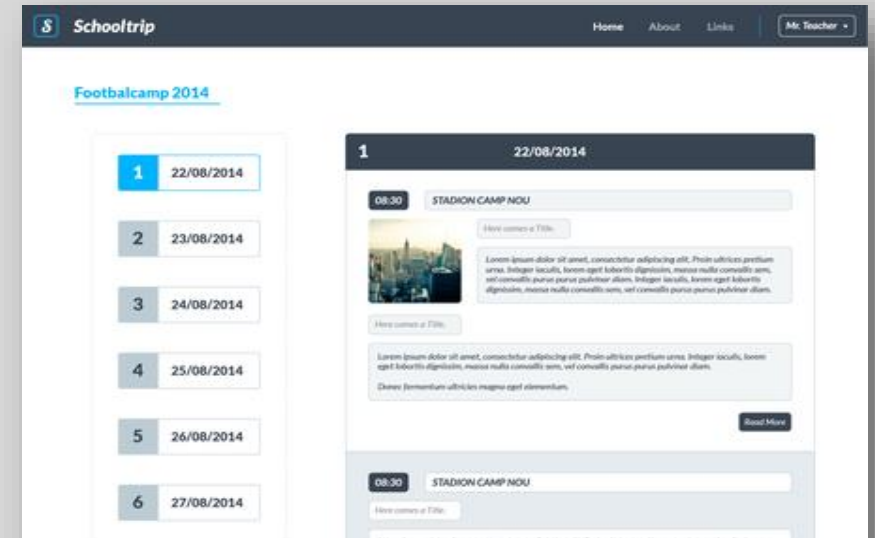
Smartphone

iOS  
Android

PUBLISH



Tablet







## MOVIO (Italian IT company META): a tool for the creation of digital exhibitions

It helps curators to build stories using their digital collections in a new way, creating thematic paths by using different types of media or content. MOVIO allows very simple to quite in-depth navigation so that the richness of an exhibition can be fully covered online.

- Programme for download
- Responsive & possibility of app export
- Different skins and templates
- For everyone: started from museums but useful for entire GLAM sector
- Little to no IT skills needed
- WIKI and tutorial



# Advantages of a digital exhibition

- 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





## Features

Timeline

Storytelling

Map  
Management

Image  
Hot Spot

Photogallery



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**



# 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 HALLWYLSKA MUSEET



- ▼ 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 „ATHENAPLUS“  
ĮRANKIŲ TESTAVIMO VEIKLOS

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

## SENASIS VILNIAUS UNIVERSITETAS

TRUMPA 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.





[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](#) » Space exploration over time

## Space exploration over time



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



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

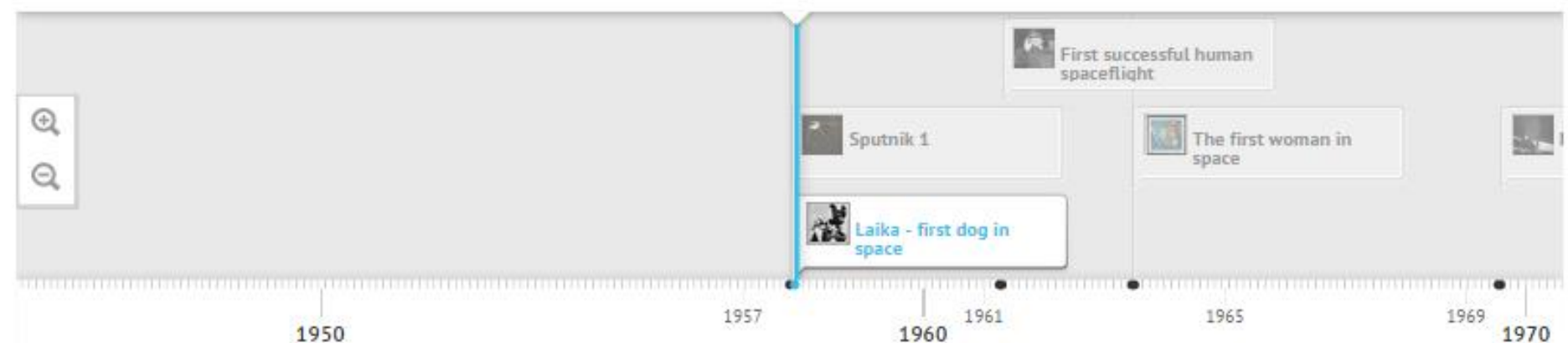
Sputnik 1

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





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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](#)


**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
- ▼ HBJHBJHBJHBJ
- ▼ 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.



▼ 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

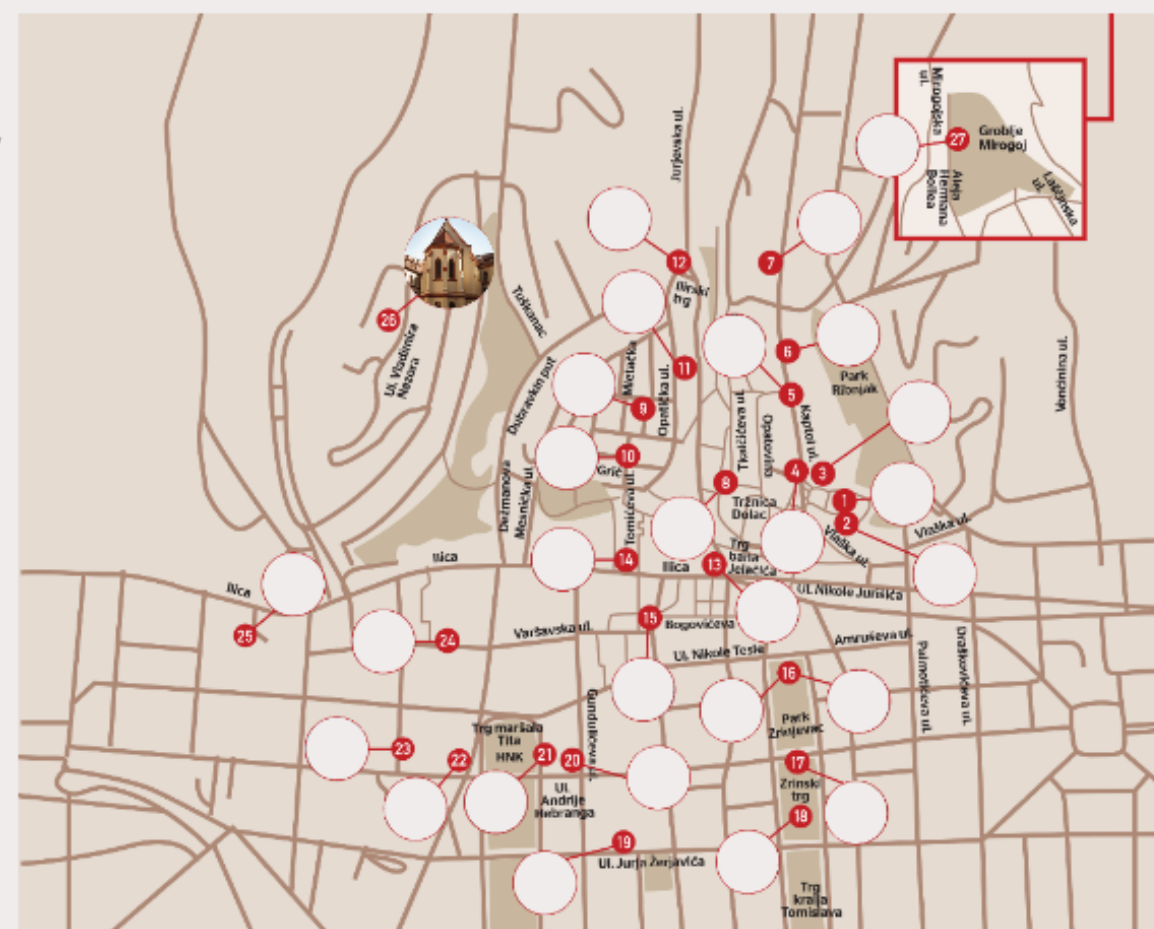
Your position: [Home](#) » [Interactive games](#) » Interactive map

## Interactive map



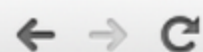
Place the building on there right location (you can set fullscreen view by clicking the button)...

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

**B** *I* | | | | | | | Paragraph

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

**B** *I* | | | | | | | Paragraph

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

earth

Subjects

planet

Media type

image ▼

Dates

Language

English ▼

Preview



2,000,000  
tonlandslide thr...



Preliminary work  
on Guilford '...



Chingford 's  
hillside swimmin...

Touristic info

× Euro Space Center

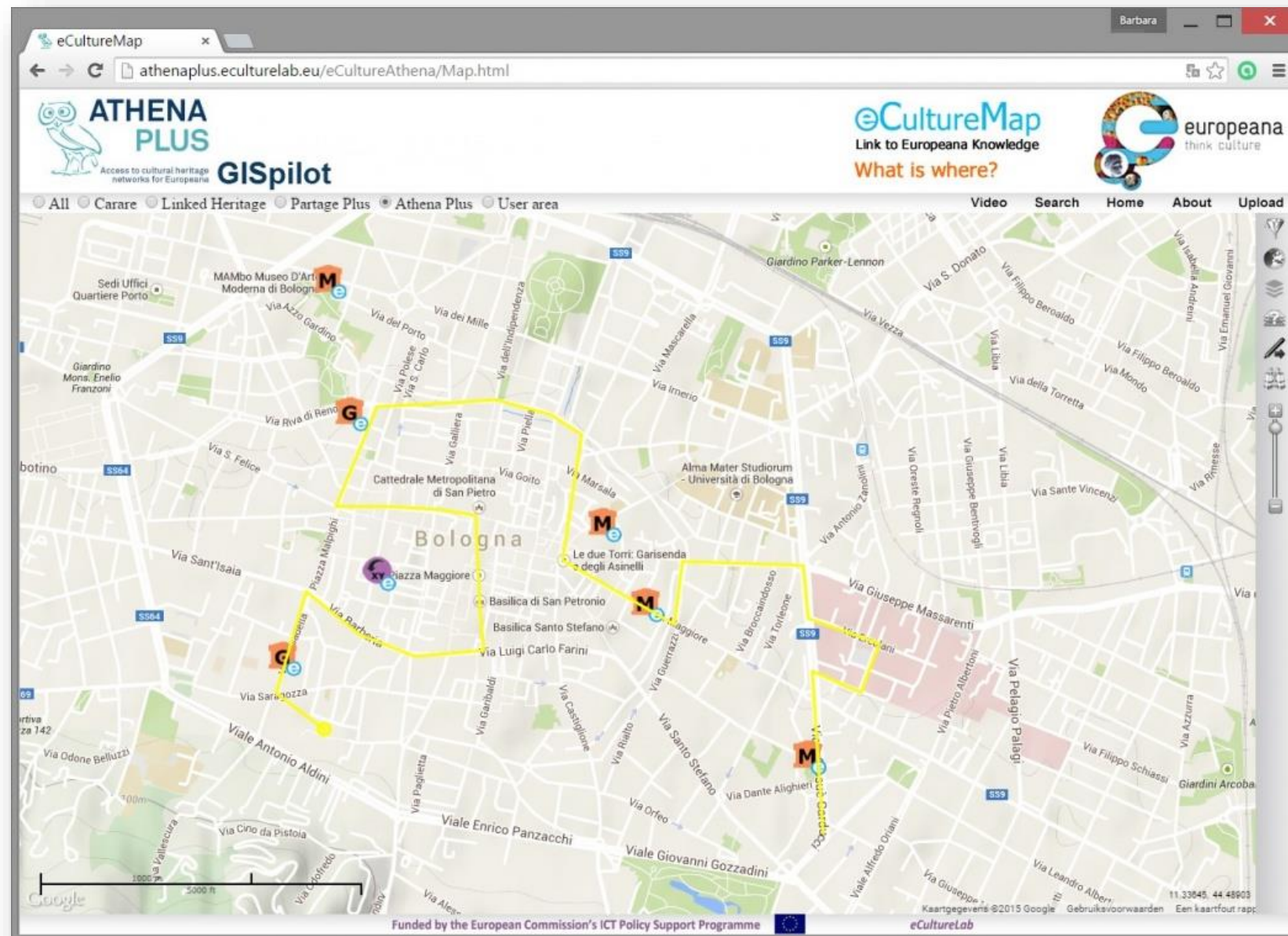
Save

Save and close

Cancel

Europeana  
API





**eCultureMap (IPCHS, Slovenia)** is a tool that was developed to demonstrate the use and re-use of Europeana, AthenaPlus and other digital cultural content, when browsing the content geographically.

Currently the map has three main uses:

- A user may find out what cultural content is present on a certain location
- Plan a cultural route
- Upload own content



- 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





GISpilot

athenaplus.eculturelab.eu/GISpilot\_2\_0/?LON=14.414264924685742&LAT=50.08585669429235&ZOOM=16&LAYER=0&SVIEW=YE

ATHENA PLUS  
Access to cultural heritage networks for Europeana

GISpilot 2.0

All Carare Linked Heritage Partage Plus 3DIcons Athena Plus Photography User area

Video Search About UserTable

Approximate place name:

Close

Praha 1, Hradčany, č.p. 1, hra...  
1 refine

Google

Funded by the European Commission's ICT Policy S

GISpilot

athenaplus.eculturelab.eu/GISpilot\_1\_3/

ATHENA PLUS  
Access to cultural heritage networks for Europeana

GISpilot 1.3

All Carare Linked Heritage Partage Plus 3DIcons Athena Plus User area

User: pp Collection: CultureGrid Show/refresh data Unique locations Izbeni datoteko Nobena datoteka ni izbrana Upload Download Geoparse GeoparsingGraph Example.xls

P\_SEM\_1 (1).xlsx - Microsoft Excel

ID	TITLE	THUMBNAIL	CONTEXT	CONTEXTG	PlaceName	Country	ACCU
1	Wallpaper pattern book						
24	Town Hall, Market Place, Batley - Entrance						
25	Patisserie Valerie, Western Road, Hove						
26	The Cardiff Story Museum (Old Library)						
27	Café (Buchanan's Distillery), 80 Fetter L						
28	Bishopsgate Institute, London						
29	House of an Art Lover, Glasgow - Front						
30	Hatrack Building, Glasgow - Entrance						
31	Victoria's Restaurant, Kings Road, St Le						
32	Picwick's Coffee and Tea Shop (Scarbor						
33	Criterion Restaurant, Piccadilly Circus, I						
34	Central Library, College Green, Bristol						
35	Statue of Eros, (Anteros), Shaftesbury M						
36	Zara Shop (Boots Chemist), High Cross						
1	2	3	4	5	6	7	8
of 108							



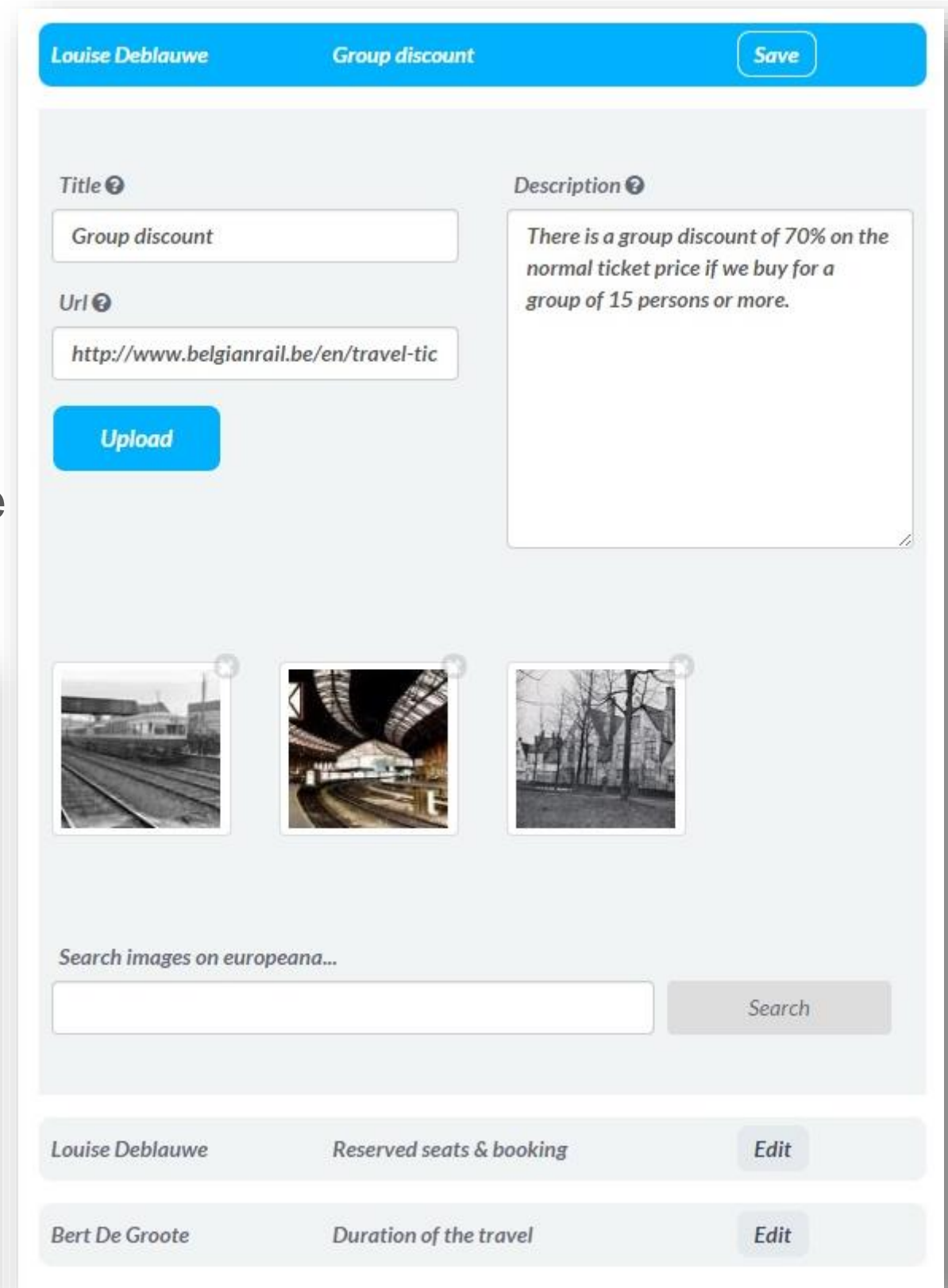
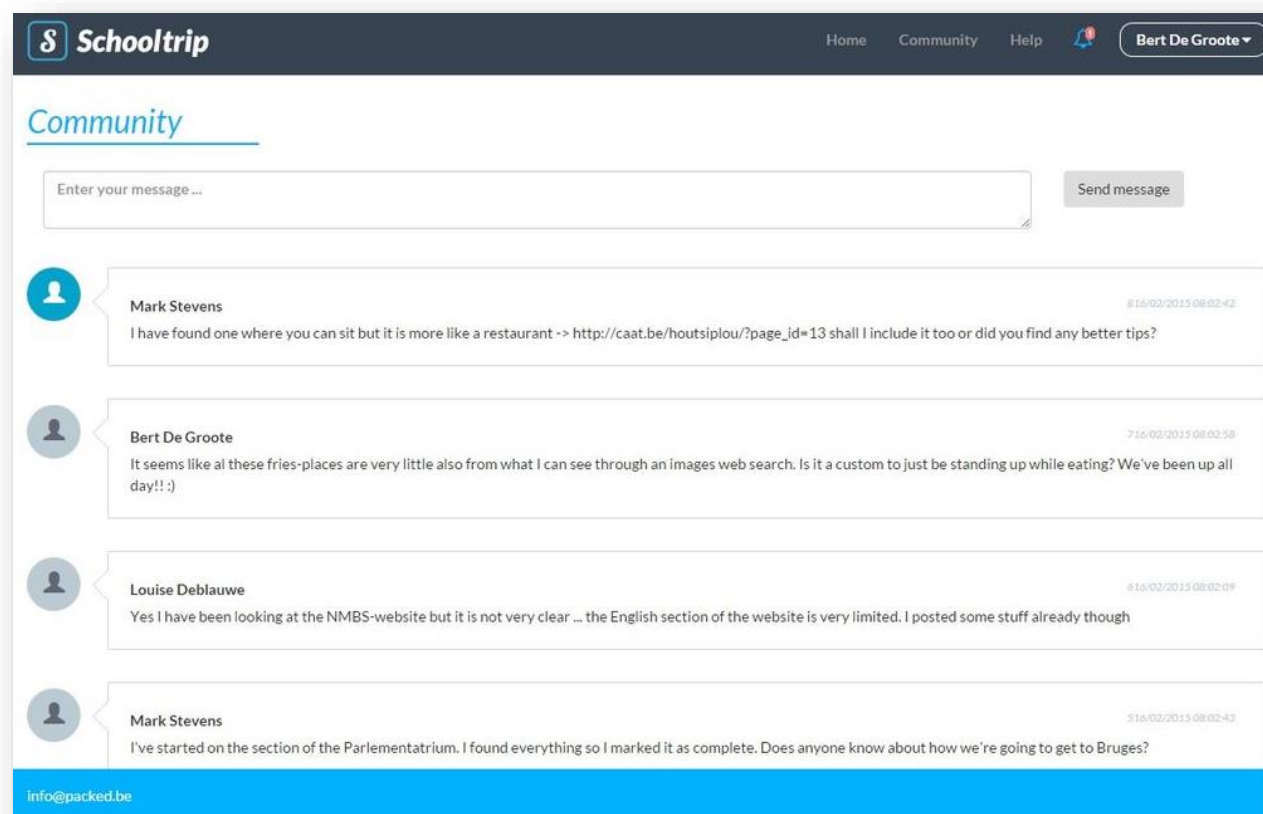
# SchoolTrip (PACKED vzw) is a tool for planning a school trip.

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 name '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 right side of the interface shows a detailed view of the first date, 22/08/2014. This view includes a header with the date and a 'STADIUM CAMP NOU' section. Below this, there are several text blocks containing placeholder text (Lorem Ipsum) and images. At the bottom of the right panel, there are buttons for 'Preview', 'Print', and 'Save as PDF'. The footer of the application contains the email 'info@packed.be', the copyright notice 'Copyright © 2014 PACKED', and social media icons for Twitter and Facebook.

- 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





## 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 ▾

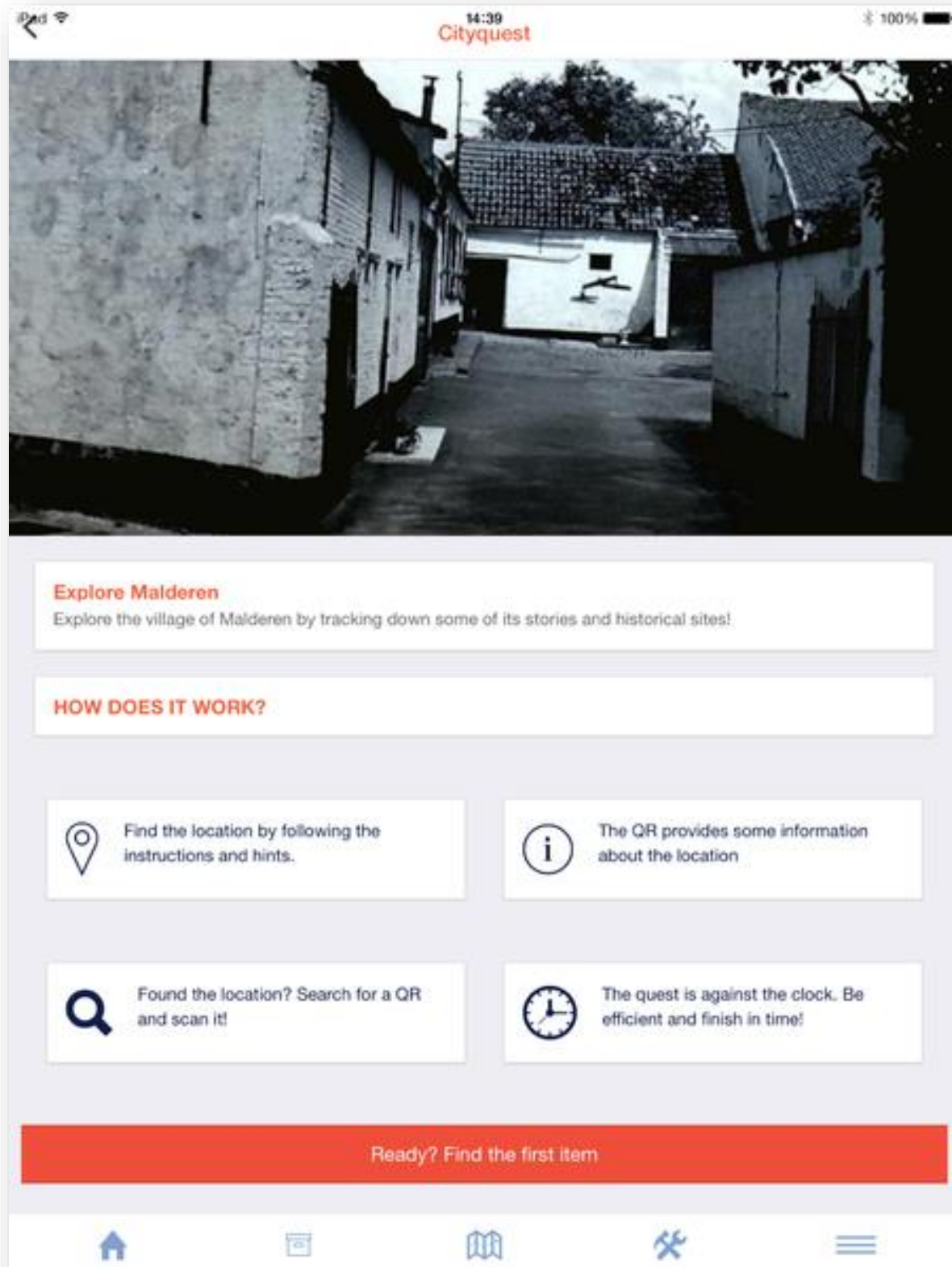


Day trip to Bruges ▾



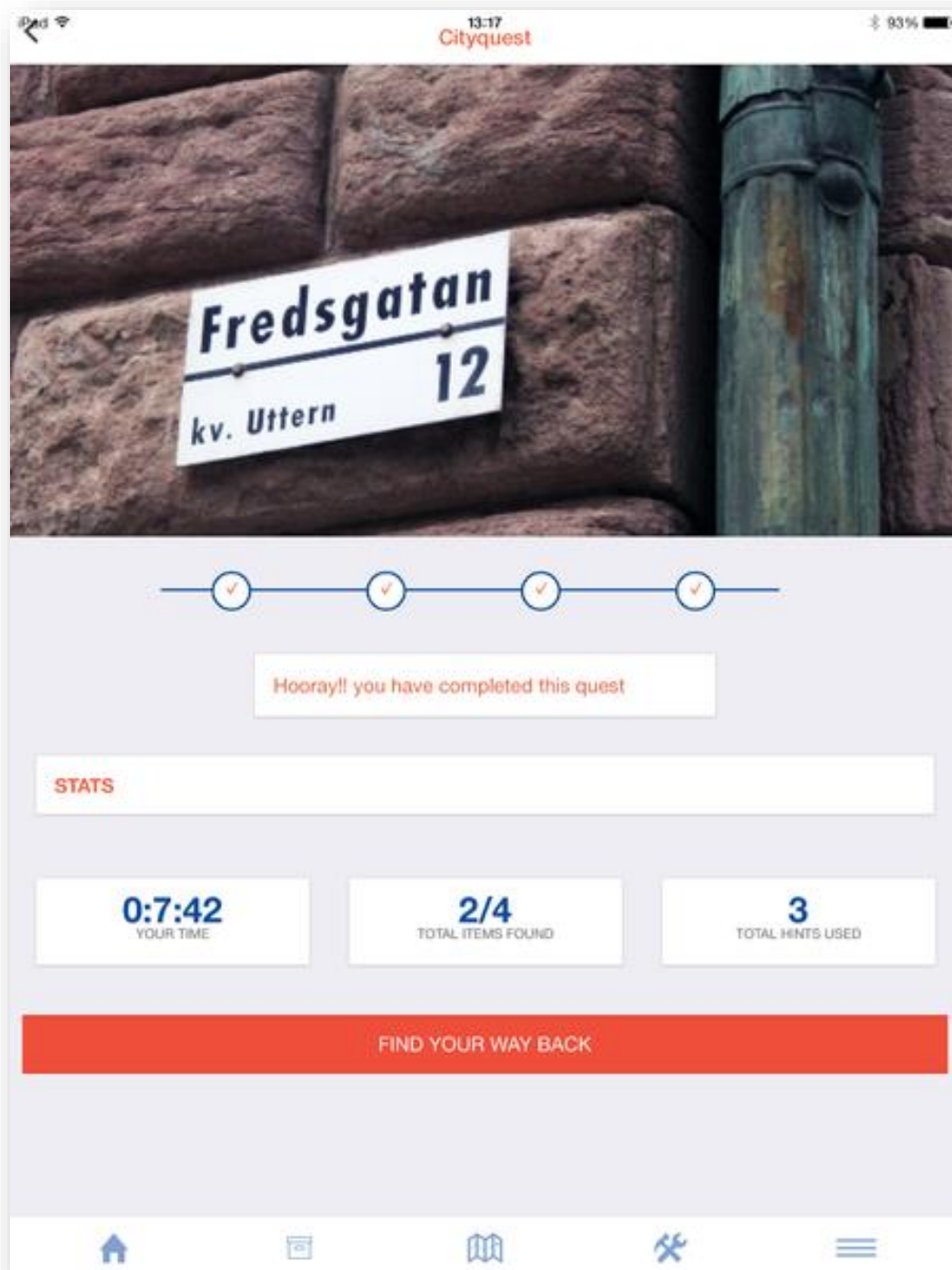
Getting around in the city ▾

Finish all sections to proceed!

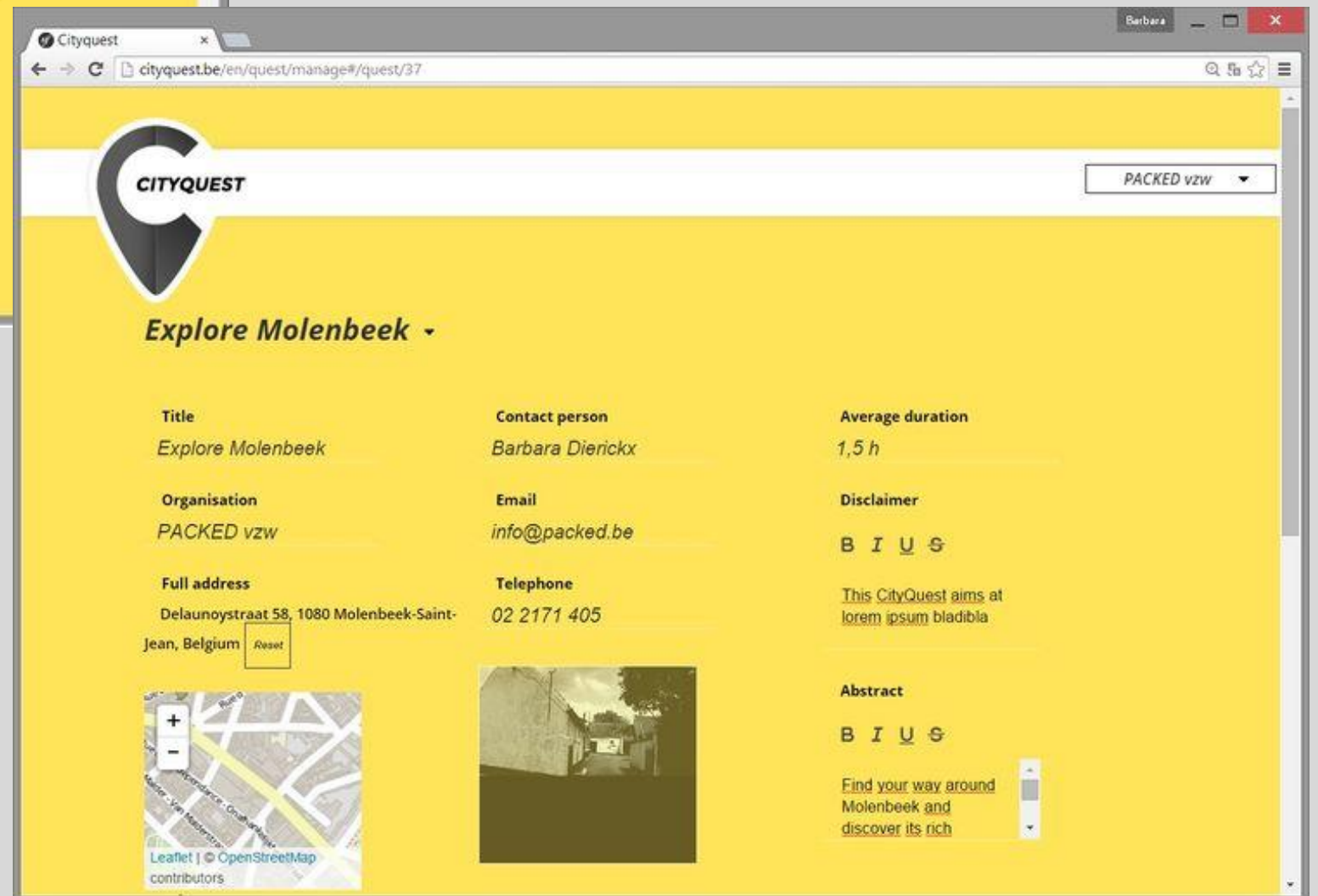
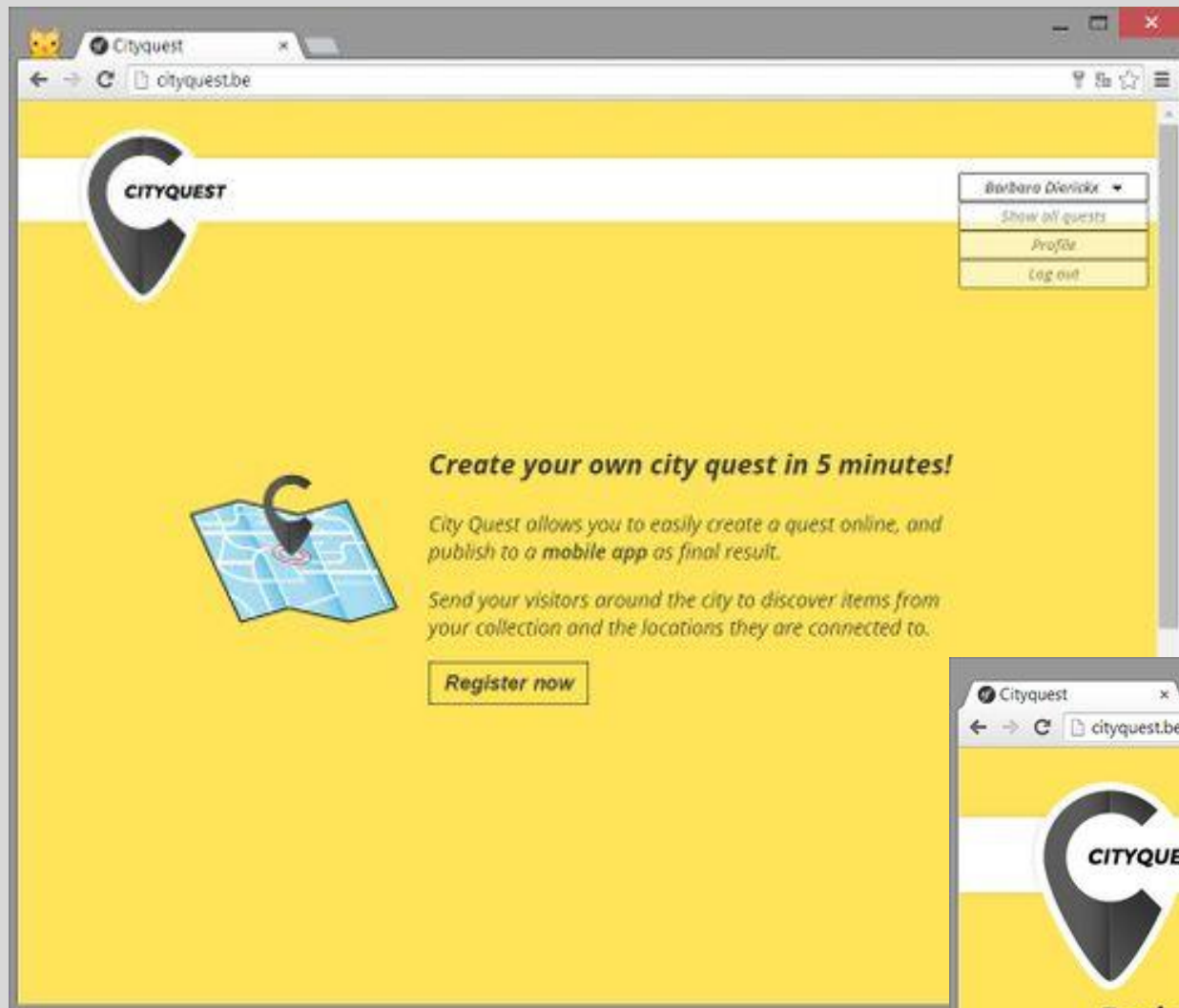


**CityQuest (PACKED vzw) is a tool with which you can create a search/quest based on QR codes: guide your visitors through the city based on cryptic descriptions.**



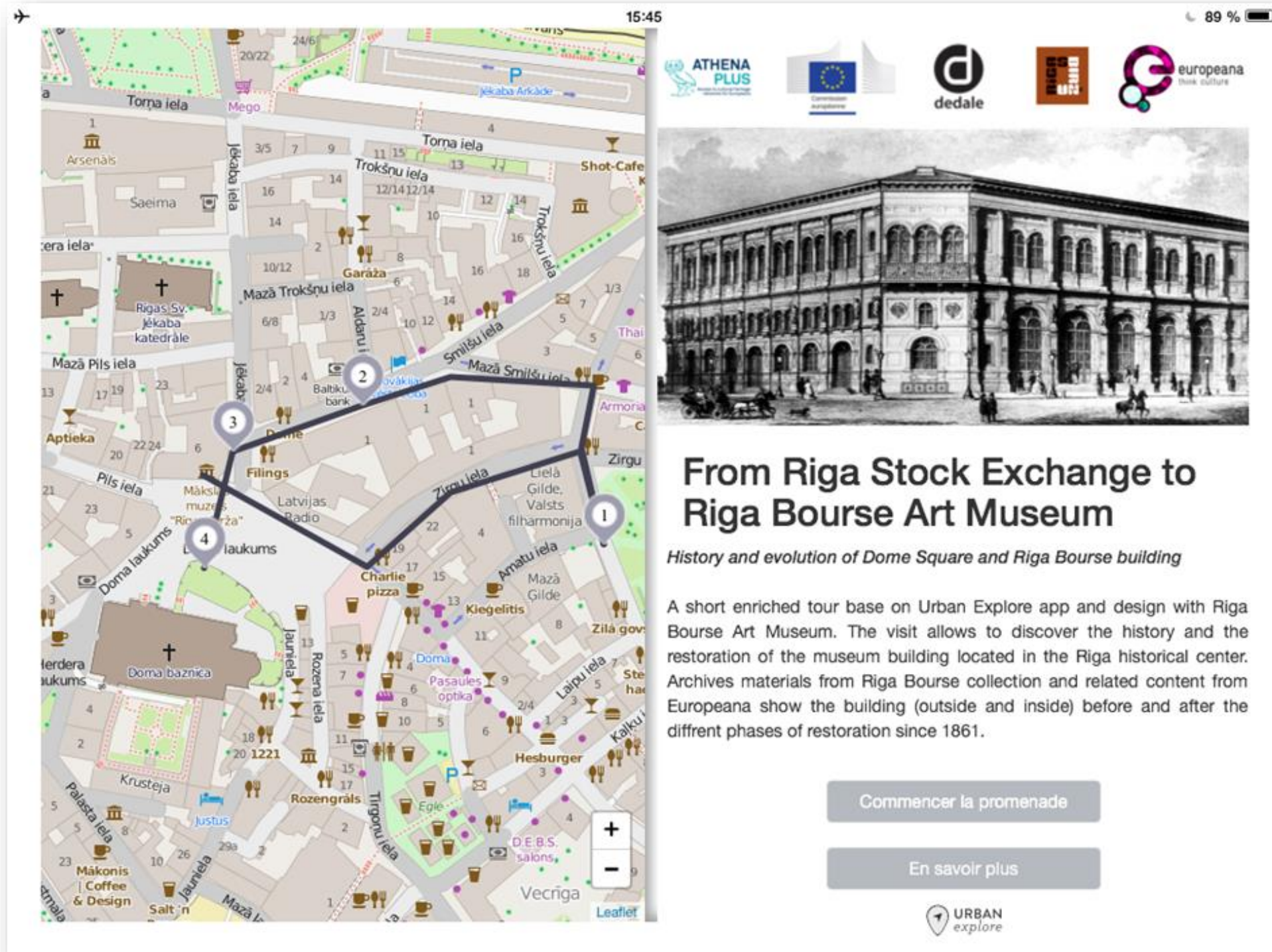


- Online interface (cityquest.be) and app (for Apple and Android)
- Create the Quest online and generate the QR-codes that are linked with every location
- Publish the Quest and enter the code in the app
- Can be played without internet connection on tablet or smartphome
- Registration of time, number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





**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.



- 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



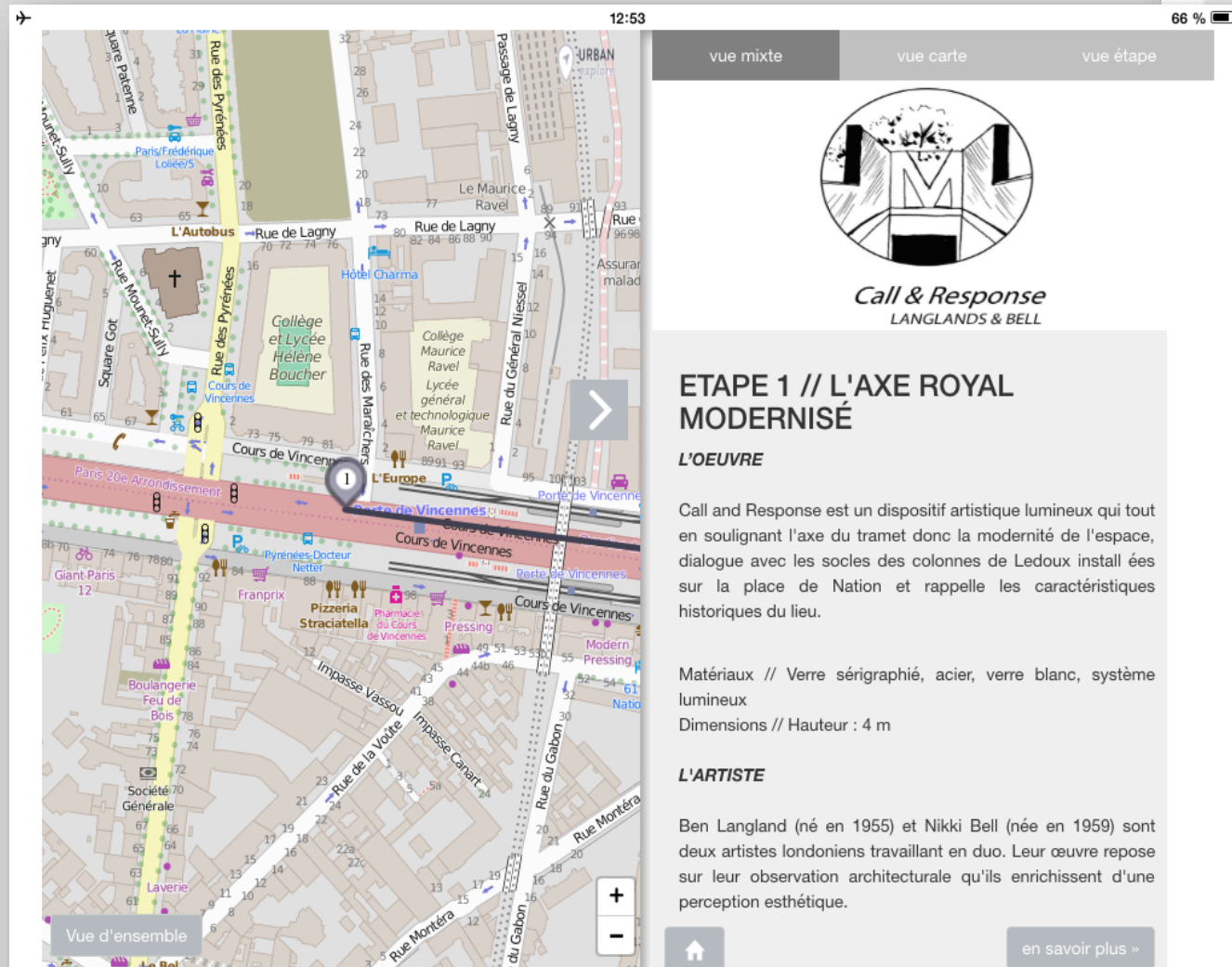
SWAP THE MAP ON THE RIGHT SCREEN SIDE

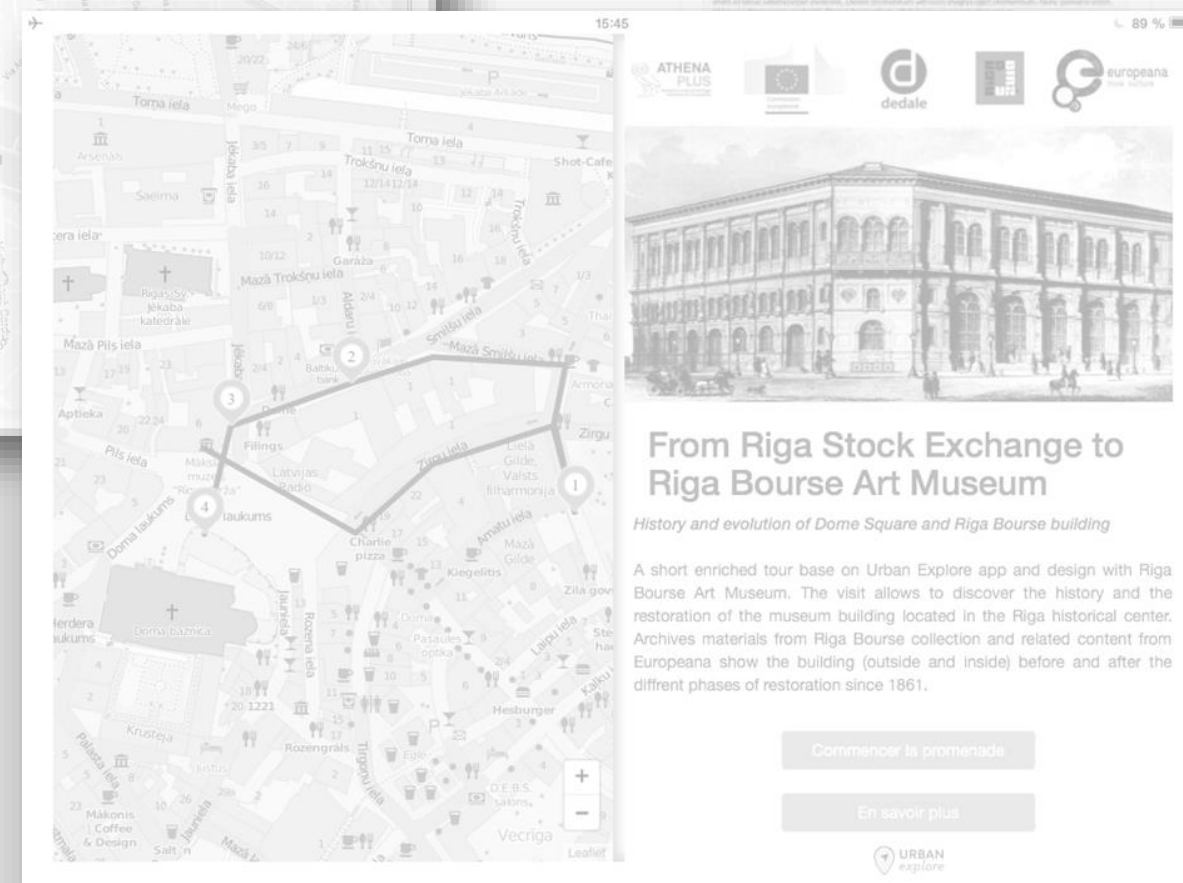
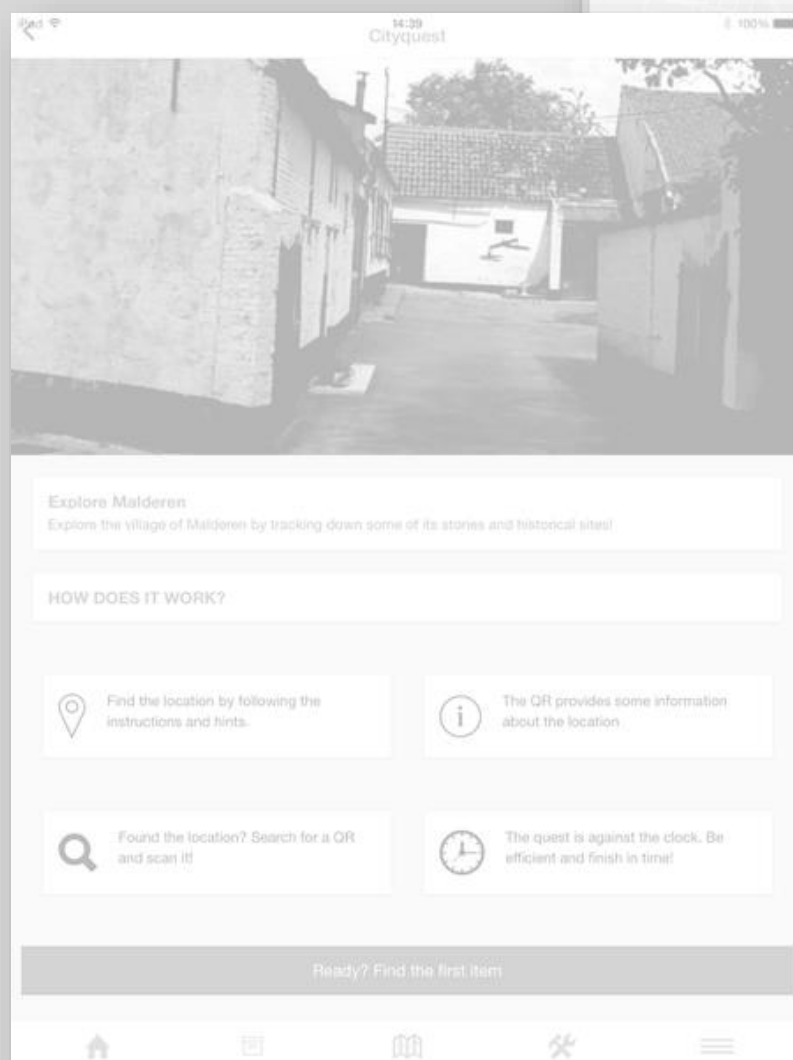
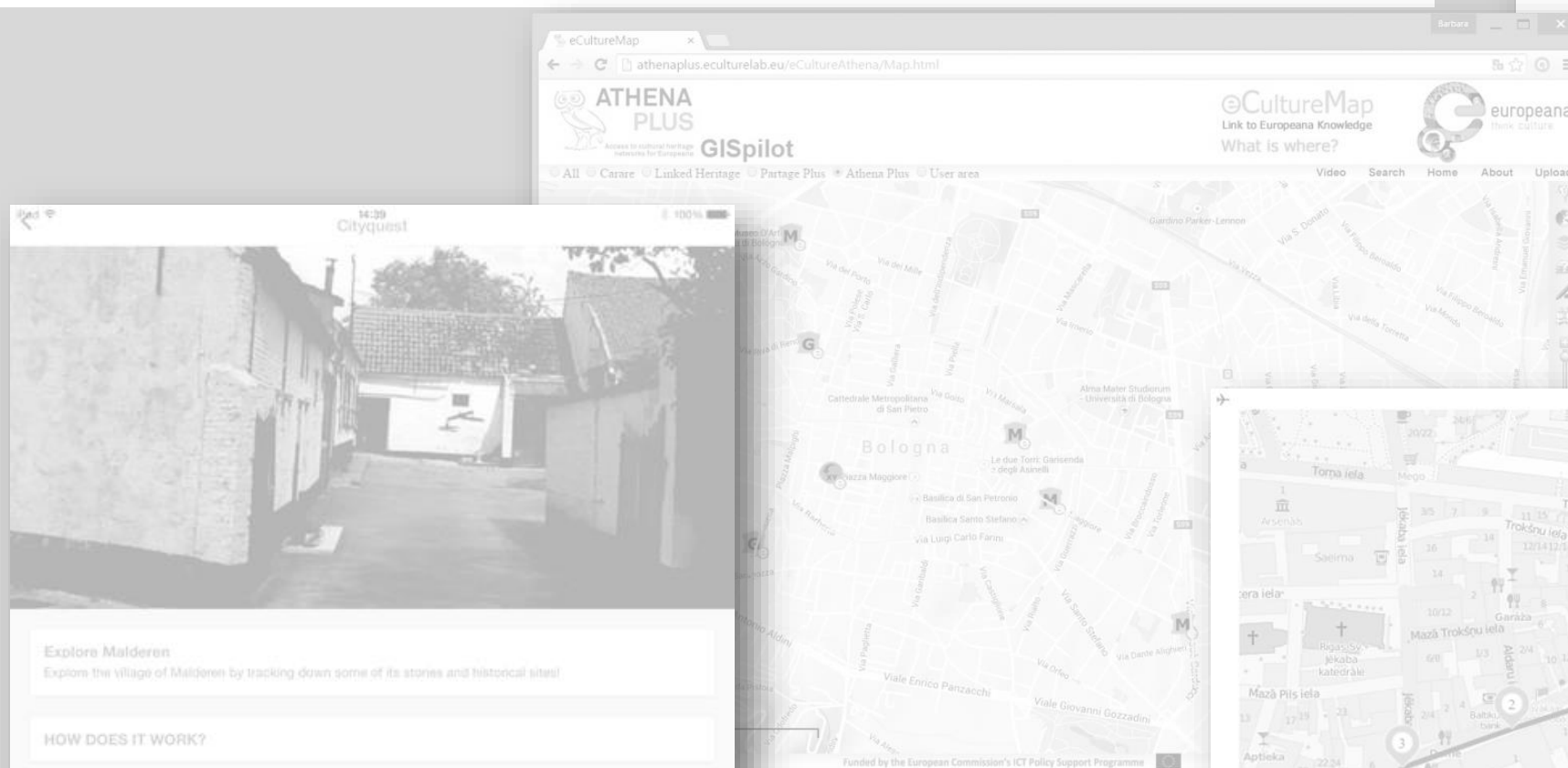
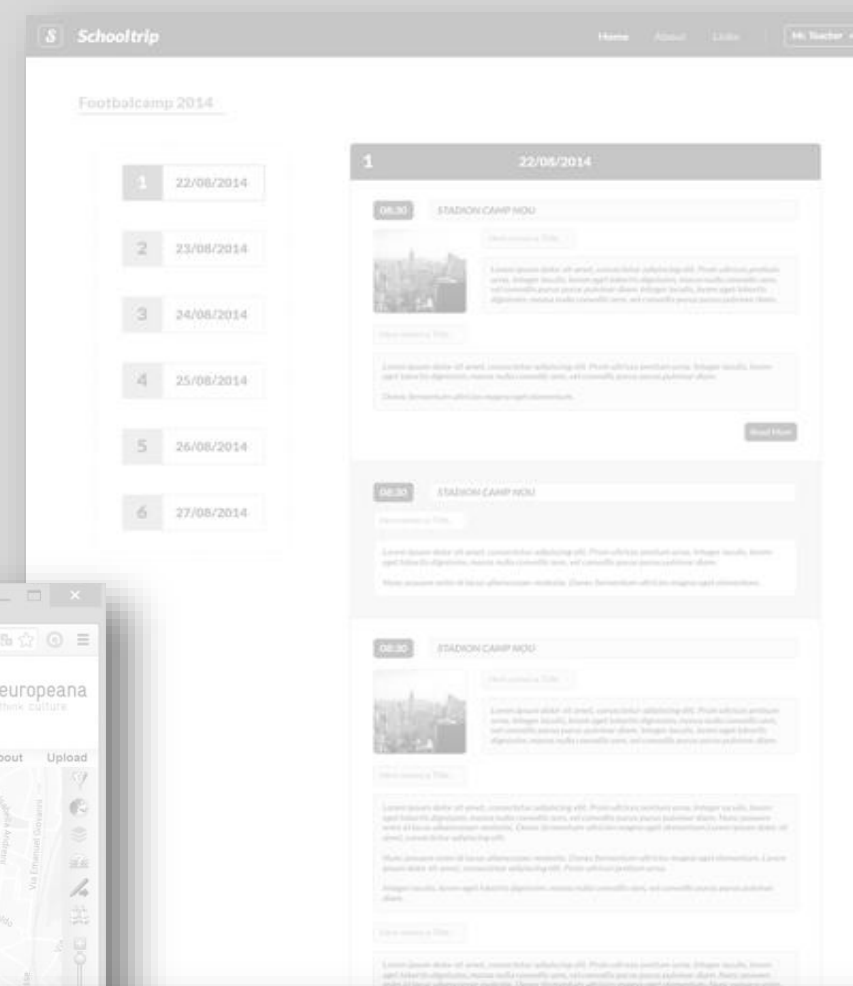
TOUCH ARROW TO SWITCH TO NEXT STEP

TOUCH TO SCROLL INSIDE THE CONTENT COLUMN PLAYLIST

TOUCH TO MOOVE THE MAP PINCH TO ZOOM

TOUCH TO PLAY TOUCH FULL SCREEN BOTTOM







PC

Smartphone

Tablet

PUBLISH

Servizi educativi

Servizi educativi

Education con la robotica e sulla robotica

IOS Android

Schooltrip

Footballcamp 2014

1 22/08/2014

2 23/08/2014

3 24/08/2014

1 22/08/2014

STADION CAMP MOU

URBAN

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

- All tools (except for Urban Explore) 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**

[Main page](#)

[Random page](#)

What links here

### Related changes

Upload file

[Special pages](#)

[Printable version](#)

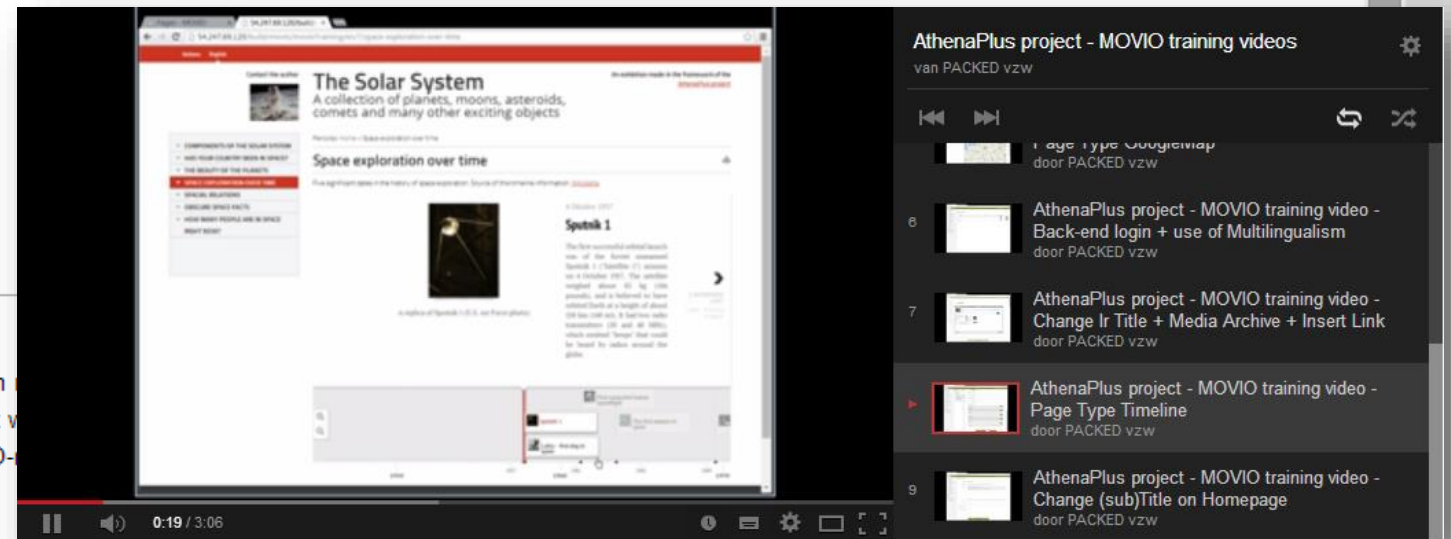
Permanent link

Page information

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

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



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

## 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.



# Contact AthenaPlus

- [www.athenaplus.eu](http://www.athenaplus.eu)
- <https://twitter.com/AthenaPlusEU>
- <http://linkd.in/19XwWOz>
- [info@athenaplus.eu](mailto:info@athenaplus.eu)
- [mariateresa.natale@gmail.com](mailto:mariateresa.natale@gmail.com)

