

Online  
training  
seminar



# Presentation and interpretation of living heritage in museums



United Nations  
Educational, Scientific and  
Cultural Organization



Regional Centre for the  
Safeguarding of Intangible  
Cultural Heritage in  
South-Eastern Europe under  
the auspices of UNESCO



Национален фонд  
КУЛТУРА





# Digital Strategy of the museum

**Assoc. Prof. Georgios Papaioannou**  
Director of Museology Research Lab,  
Department of Archives, Library Science and Museology,  
Ionian University, Corfu, Greece

[gpapaioa@ionio.gr](mailto:gpapaioa@ionio.gr)



## Aims and objectives:

- to present the attributes and the characteristics of the notions of 'modern museum', 'museums in the digital world', and 'digital strategy for museums'
- to help towards defining digital strategies for museums in the 21st century (steps, processes, ethics, the future)
- to stimulate discussion towards museum digital strategies and the future of museums

## Parts of this presentation:

- PART 1: Overview of the modern museum and the digital heritage world
- PART 2: Towards digital strategies for the modern museum



# What is a museum?

The International Council of Museums (ICOM), established in 1946, is the biggest museum organisation in the world and the reference point for museums and museum professionals in the globe. **The current ICOM's definition of museums**, a definition that has been included in national or international legislations, is as follows:

*“A museum is a non-profit, permanent institution in the service of society and its development, open to the public, which acquires, conserves, researches, communicates and exhibits the tangible and intangible heritage of humanity and its environment for the purposes of education, study and enjoyment.”*

# What is a museum?

The Executive Board of ICOM selected **a new alternative museum definition**. Voting for it took place at ICOM's Extraordinary General Assembly (EGA), on 7 September 2019, from 9:30 to 10:30 a.m., at the Kyoto International Conference Centre (ICC Kyoto) in Kyoto, Japan. Here it is:

*Museums are democratising, inclusive and polyphonic spaces for critical dialogue about the pasts and the futures. Acknowledging and addressing the conflicts and challenges of the present, they hold artefacts and specimens in trust for society, safeguard diverse memories for future generations and guarantee equal rights and equal access to heritage for all people.*

*Museums are not for profit. They are participatory and transparent, and work in active partnership with and for diverse communities to collect, preserve, research, interpret, exhibit, and enhance understandings of the world, aiming to contribute to human dignity and social justice, global equality and planetary wellbeing.*

# What is a museum?

- *“A very, very big place with lots of stuff on the walls and the ground! Some of them have nice colours!”.*

5 years old.

- *“A house which has very old things inside. Some of them I guess belonged to my grandpa”.*

6 years old.

- *“It’s a place where people come and put their sculptures so that everyone can see”.*

7 years old.

- *“A place with lots of exhibits where people pay a ticket to get in!”.*

10 years old.

- *“A really cool place to play football!”.*

6 years old.

Titanic, Belfast



Louvre, Paris



Guggenheim, Bilbao



Hermitage, St. Petersburg



British Museum, London



Acropolis Museum, Athens





National Museum, Doha

Louvre Abu Dhabi





Metropolitan Museum  
New York, 2020



source : Getty images



source: The New York Times

Louvre, 1796



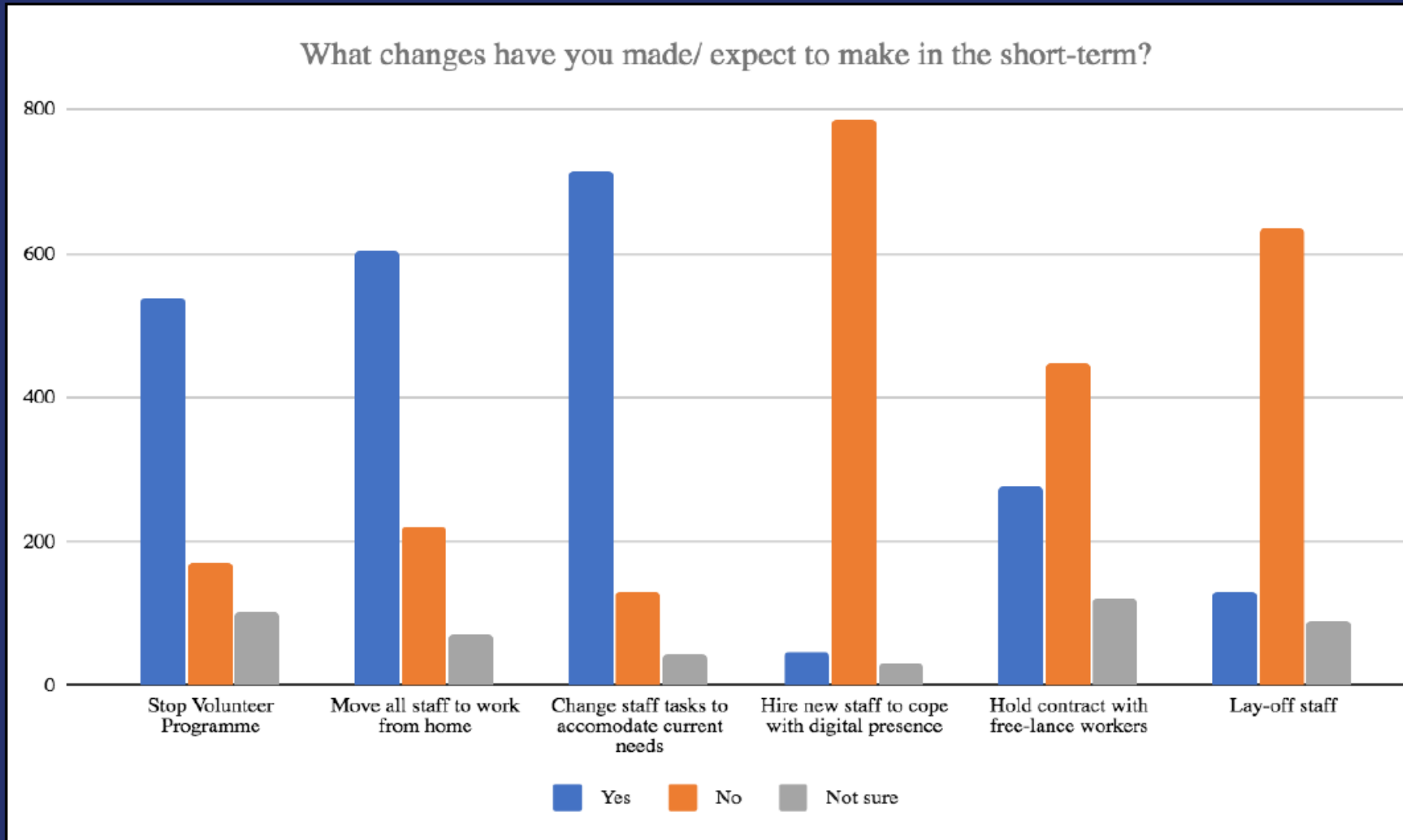
source : <https://www.wikiart.org/>

## Museum inside



source: A.G. Sakellariou

### What changes have you made/ expect to make in the short-term?









# The Museum as Predators in the Digital World “...for the purposes of education, study and enjoyment...”

Who is the predator?	What's the precious prey?	Define the digital habitat
<p>The museum, the museo-saur!</p>	<p>Exhibits – exhibitions Visitors and e-visitors Numbers Funding ----- Ideas Participation Views Comments Attention Time! Inspiration Enjoyment Involvement ----- Evaluation and Assessment</p>	<ul style="list-style-type: none"> <li>• Documentation, digitization, cataloguing, metadata</li> <li>• Multimedia applications in the exhibitions</li> <li>• Information uploaded: museum websites, museum portals, cultural portals</li> <li>• <del>No</del> Comments: museums in/and the social media</li> <li>• Communication, marketing, online ticketing / shopping</li> <li>• Games</li> <li>• Virtual and Augmented Reality</li> <li>• Second Life</li> <li>• Digital co-curation</li> <li>• The Internet of Museum Things – The Smart Museum</li> </ul>

# The Past

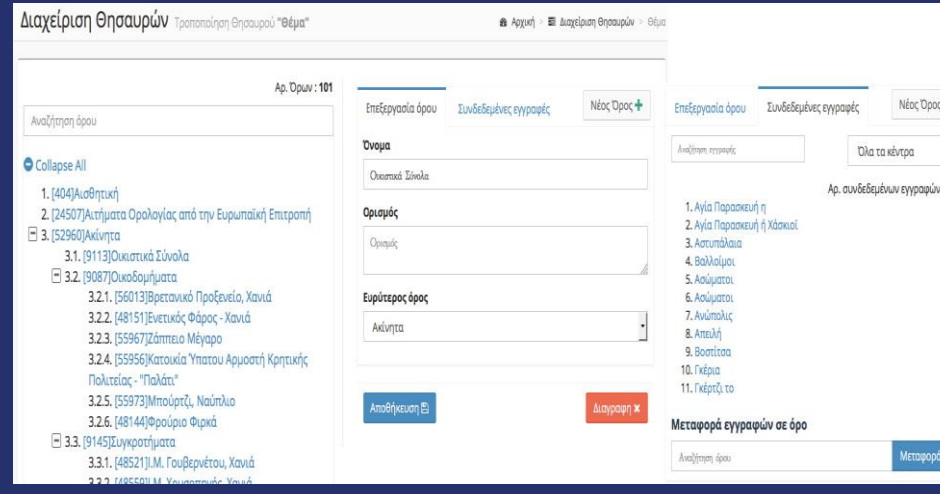
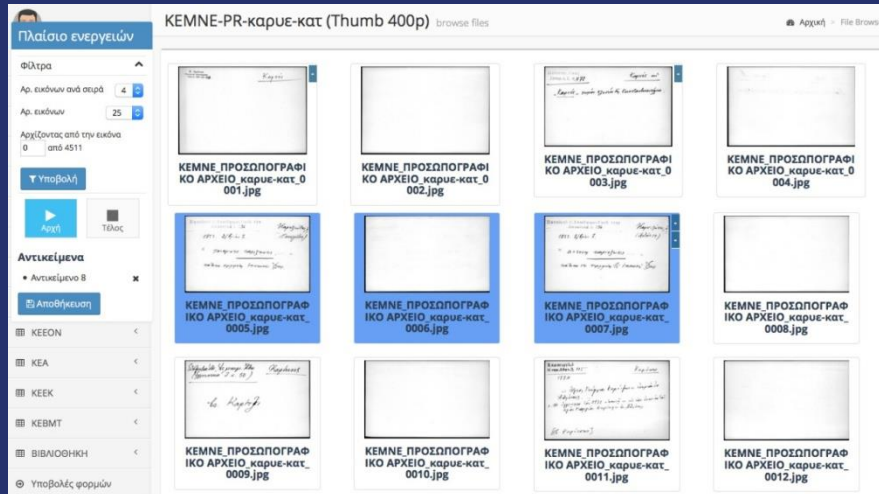


# Classification and Taxonomies





# Documentation, digitization, cataloguing, repositories, metadata



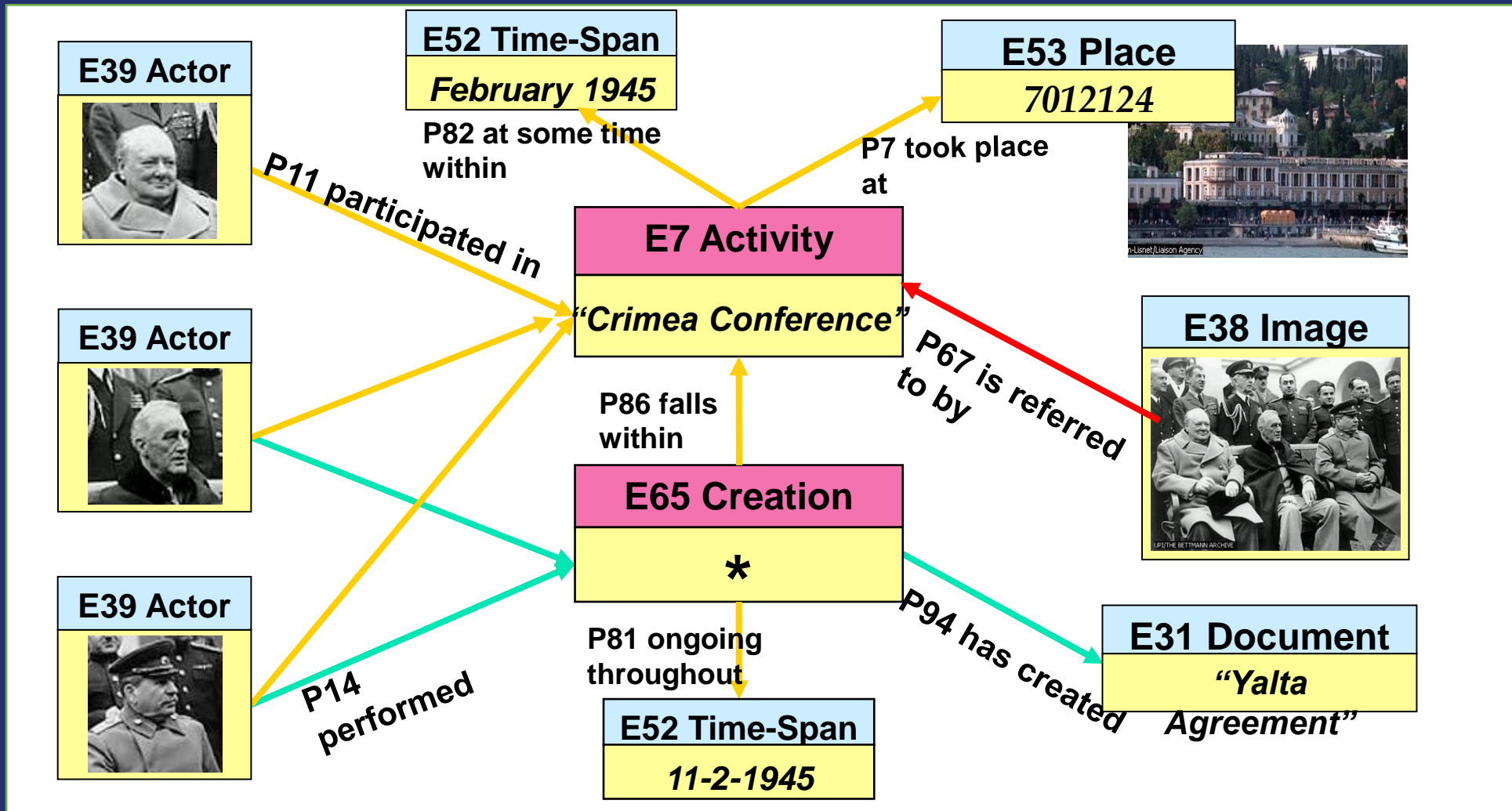
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**Architect/Builder:**  
**Nation:** [Greece](#)  
**Site:** [Crete](#)  
**Detail:** [interior view with detail of frescoe](#)  
**City:** [Knossos \(Extinct city\)](#)  
**State:**  
**CE Date of Construction:**  
**BCE Date of Construction:** [1600](#)  
**Object/Building Name:** [Palace of Knossos \(Knossos\)](#)  
**Materials:**  
**Type:** [frescoes](#)  
**Style:**  
**Other terms:**  
**Notes:**  
**Digital Collection:** [Cities and Buildings Database](#)  
**Slide Number:** [ew73](#)  
**Contact information:** All files on this site are copyright controlled as indicated. Copying, printing, or distributing any of them without the permission of the copyright holder is expressly prohibited. For further information please contact Meredith Clausen at: [mic@u.washington.edu](mailto:mic@u.washington.edu)  
**Photographer:** [Webb, Eugene, 1938-](#)  
**Date of Photograph:** [1960](#)  
**Source:** [Webb, Eugene, 1938-](#)  
**Copyright Holder:** [Webb, Eugene, 1938-](#)



XML

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# Towards heritage documentation uniformity: CIDOC-CRM



# Are we digital enough? - Let's keep getting digital!

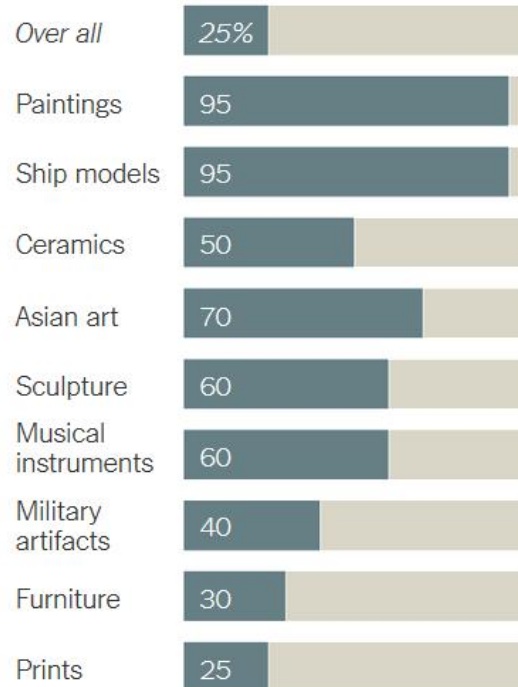


From the Digital  
Michelangelo Project

## Digitizing a Collection

The program at the Rijksmuseum in Amsterdam is distinguished by its ambitions — to digitize the entire collection of one million objects by 2020 — and its liberal approach to copyright. The high-resolution images, freely available on the museum's website, can be used for any purpose.

### Percentage digitized

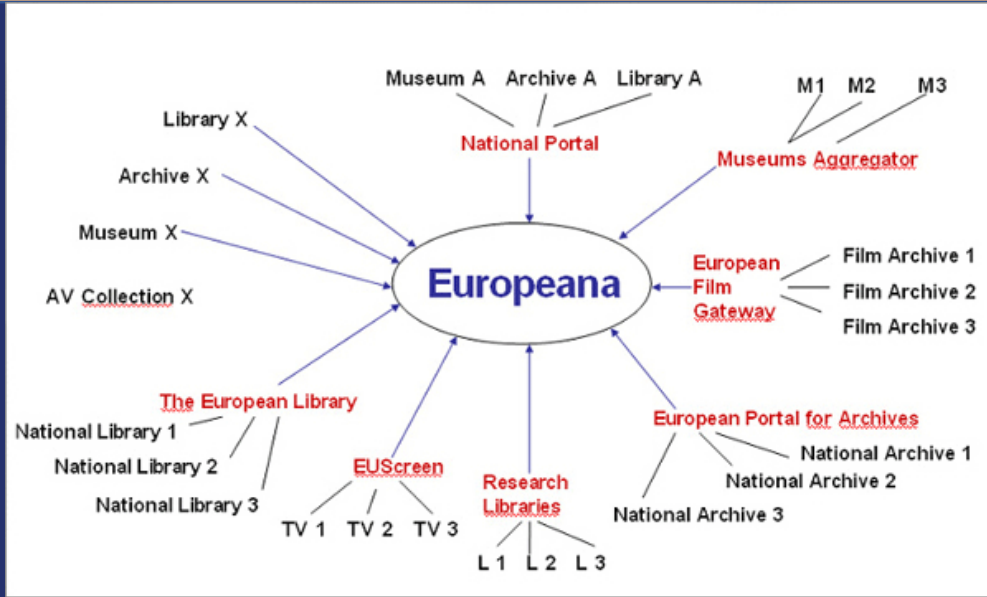


### Most popular downloads from the Rijksmuseum website

- 1 The Night Watch  
*Rembrandt* 1642
- 2 The Milkmaid  
*Johannes Vermeer* circa 1657
- 3 Winter Landscape with Ice Skaters  
*Hendrick Avercamp* 1608
- 4 Self portrait  
*Vincent van Gogh* 1887
- 5 The Little Street (View of Houses in Delft)  
*Johannes Vermeer* circa 1657
- 6 Still Life With Flowers in a Glass Vase  
*Jan Davidszoon de Heem* 1650-83
- 7 Floral Still Life  
*Hans Bollongier* 1639
- 8 Isaac and Rebecca, or 'The Jewish Bride'  
*Rembrandt* circa 1665
- 9 The Merry Family  
*Jan Steen* 1668
- 10 Children of the Sea  
*Jozef Israëls* 1872



# Cross-border digital data travelling: EUROPEANA – GMN - IMR



**Global Memory Net**

Home | About Us | Archives | User | Collections | Countries | Timeline | Image Wall | More

Global Memory Net Project  
Background · News · System

About Global Memory Net  
Director · Staff · Sponsors · Partners · Content Development · Technical Development

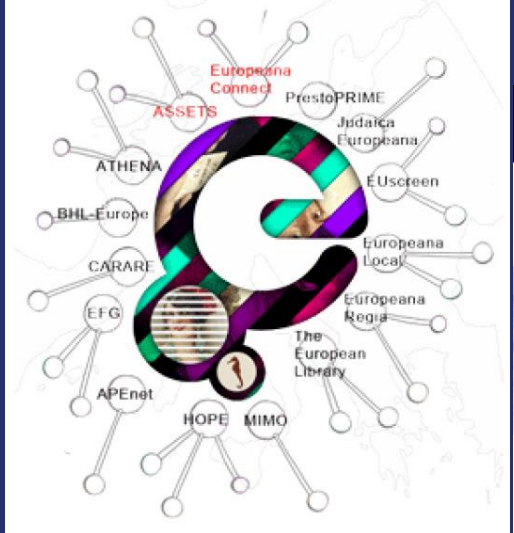
User  
Tutorial · Own Project · Feedback

Collections - Categories  
Global Memory Net's Core  
Emperor Collection · Antique Maps · Arts, Paintings, Poetry · Cathedrals, Churches, Shrines, Temples · Ethnic Groups · Historical Cities · Musical Instruments · National Libraries · National Memories · Old Civilizations and Culture · Palaces · Ancient and Current · Selected Museums · UNESCO Memory of the World · UNESCO World Heritage Sites · World Digital Collections

Collections - Individual

- Greece: Acropolis
- Greece: Knossos and Crete History
- Hu Paintings
- Humen Opium War
- Japan: Kyoto Historical Monuments
- Jikji Early Printing Museum
- LC's Chinese Maps
- France - Versailles
- Germany: Cologne Cathedral
- LC's Ukiyo\_e Collection
- Museum of Osijek
- National Libraries
- Project Restore
- Saigon Memory
- Sanxingdai Civilization
- Shanghai Museum - Bronze & Jade
- S. Korea: Gyeongju Historical Areas
- Taiwan Memory
- Thai Memory
- Thailand: Historic City of Ayutthaya
- Tsurumi Collection
- Ukraine Folk Art
- UNESCO's World Memory
- Vietnam Museum of Ethnology
- World Digital Collection
- World Musical Instruments

TAKE YOUR KNOWLEDGE TO THE NEXT LEVEL WHILE EXPLORING OUR TREASURED HERITAGE AND CULTURAL MEMORIES OF THE WORLD



**IMR INTERNET MEMORY RESEARCH**

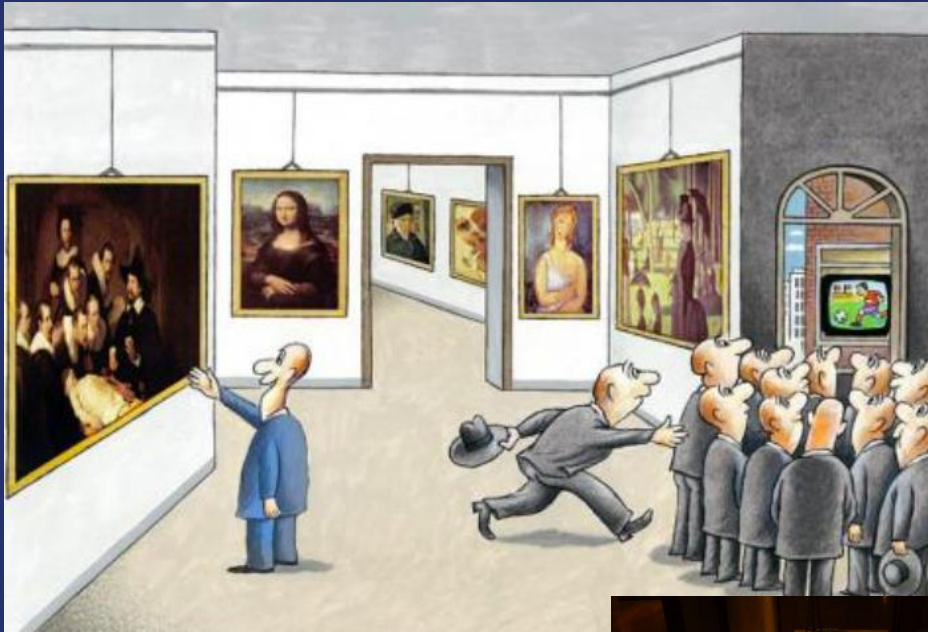
HOME ABOUT OFFER NEWS CONTACT CAREERS R&D

RESEARCH & DEVELOPMENT

RETHINK BIG  
ASAP

STREAMLINE  
PREVIOUS PROJECTS

# Beyond screens and guides: Holograms – Animatronics - 3D modelling



Animatronics



Railway Museum, London

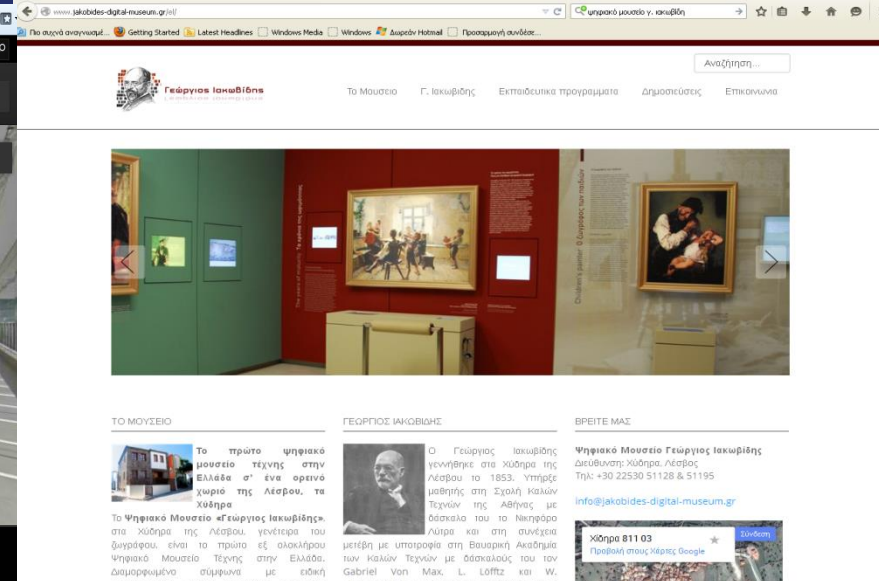
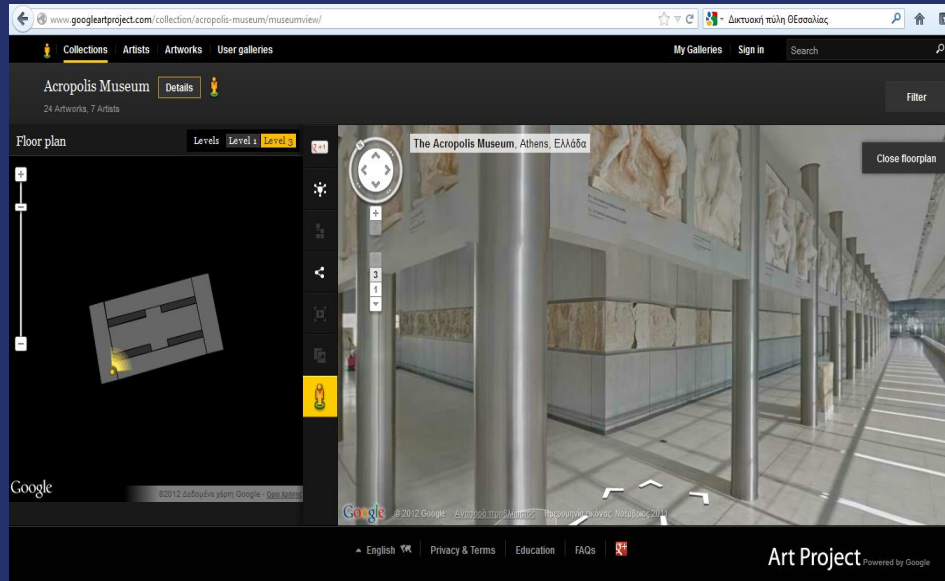


Byzantine and Christian  
Museum, Athens

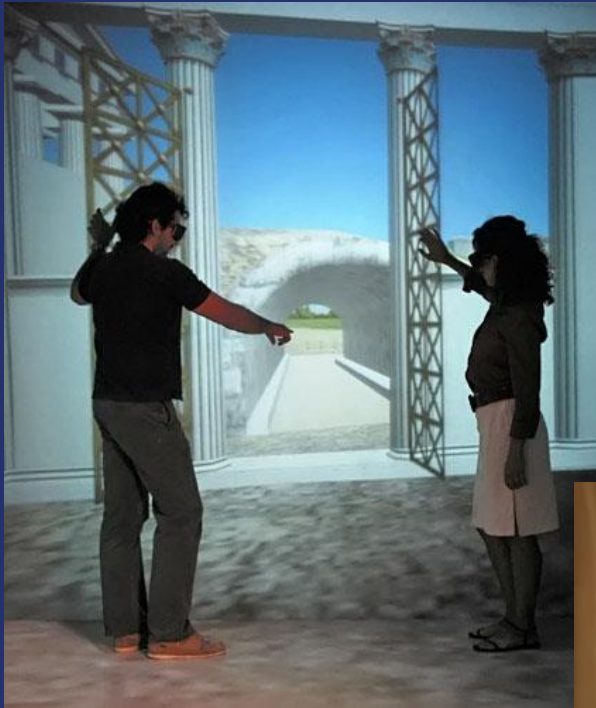


Helping Pheidias, ACT2013

# Beyond screens and guides: Holograms – Animatronics - 3D modelling



# Virtual & Augmented Realities



# Games!!!

www.benaki.gr/index.asp?lang=gr&id=30401

ΜΟΥΣΕΙΟ ΜΠΕΝΑΚΗ **εκπαίδευση** BENAKI MUSEUM ENGLISH | ESPAÑOL

ΑΡΧΙΚΗ ΟΦΟΡΗ ΜΟΝΙΜΕΣ ΣΥΛΛΟΓΕΣ ΕΠΙΣΚΕΨΗ ΕΚΠΑΙΔΕΥΣΗ ΤΟ ΜΟΥΣΕΙΟ ΕΚΔΟΣΕΙΣ ΠΡΟΓΡΑΜΜΑ ΣΤΗΡΙΞΗ

ΤΜΗΜΑ ΕΚΠΑΙΔΕΥΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ ΕΚΠΑΙΔΕΥΤΙΚΟ ΥΛΙΚΟ ΠΑΙΧΝΙΔΙΑ ΤΑ ΝΕΑ ΜΑΣ

### Παίξε με μια ζωγραφιά στην οθόνη σου!

Σου αρέσει η ζωγραφική; Θα ήθελες να δεις έναν πίνακα ζωγραφικής να προβάλλει στην οθόνη του υπολογιστή σου; Το έργο ανήκει στο ζωγράφο Νίκο Χατζηκυριάκο-Γκίκα. Να λοιπόν και μια ευκαιρία να γνωριστείς με τον σπουδαίο έλληνα καλλιτέχνη!

Η ζωγραφιά -όπως γρήγορα θα ανακαλύψεις- έχει μεταμορφωθεί σε παιχνίδι! Παιχνίδι με σχήματα και χρώματα, που μπορείς να τα συνδυάσεις σέρνοντας το ποντίκι σου. Άκου τη μουσική και ακολουθώντας σωστά τις οδηγίες του παιχνιδιού, δες τις εικόνες να ξετυλιγόνται μπροστά στα μάτια σου.

Στο τέλος, η ηλεκτρονική ζωγραφιά-παιχνίδι σου επιφυλάσσει μία έκπληξη! Μπορείς να γίνεις και εσύ ένας ζωγράφος δημιουργώντας τη δική σου σύνθεση, αλλά... χωρίς πινέλο!!! Διάλεξε τα σχήματα που σου αρέσουν, «χρωμάτισέ» τα, μίκρυνε ή μεγάλωσέ τα. Μπορείς ακόμη και να τα αντιστρέψεις, να τα «κινήσεις» όπως θέλεις επάνω στον ηλεκτρονικό καμβά σου!

Καλή διασκέδαση! Και μην ξεχάσεις! Υπάρχουν κάποιες, εδώ, στα Εκπαιδευτικά Προγράμματα του Μουσείου Μπενάκη, που θα ήθελαν πολύ να δουν το έργο σου!

## SHOW.ME

EVERYTHING

Games, collections, videos, stories, homework help and family days out from museums and galleries

SORT BY TYPE TOP TAGS

- Two Paintings of Shipwrecks**  
What we have found: two Paintings of shipwrecks  
Videos  
A group of children have visited Compton Verney, an art gallery in an historic house, and found two paintings of ship...
- British Advance on Western Front**  
Collections  
This illustration by Fortunino Matania first appeared in a British newspaper called The Sphere in May 1917. The soldier...
- How to make a dinosaur mask**  
Stuff to read - Make and Do  
Make a dinosaur mask with National Museums Scotland.
- Greek Pot Painter**  
Games  
Paint your very own Greek pot with this fun game from Birmingham Museum and Art Gallery.



# MURDER at the Met

## An American Art Mystery

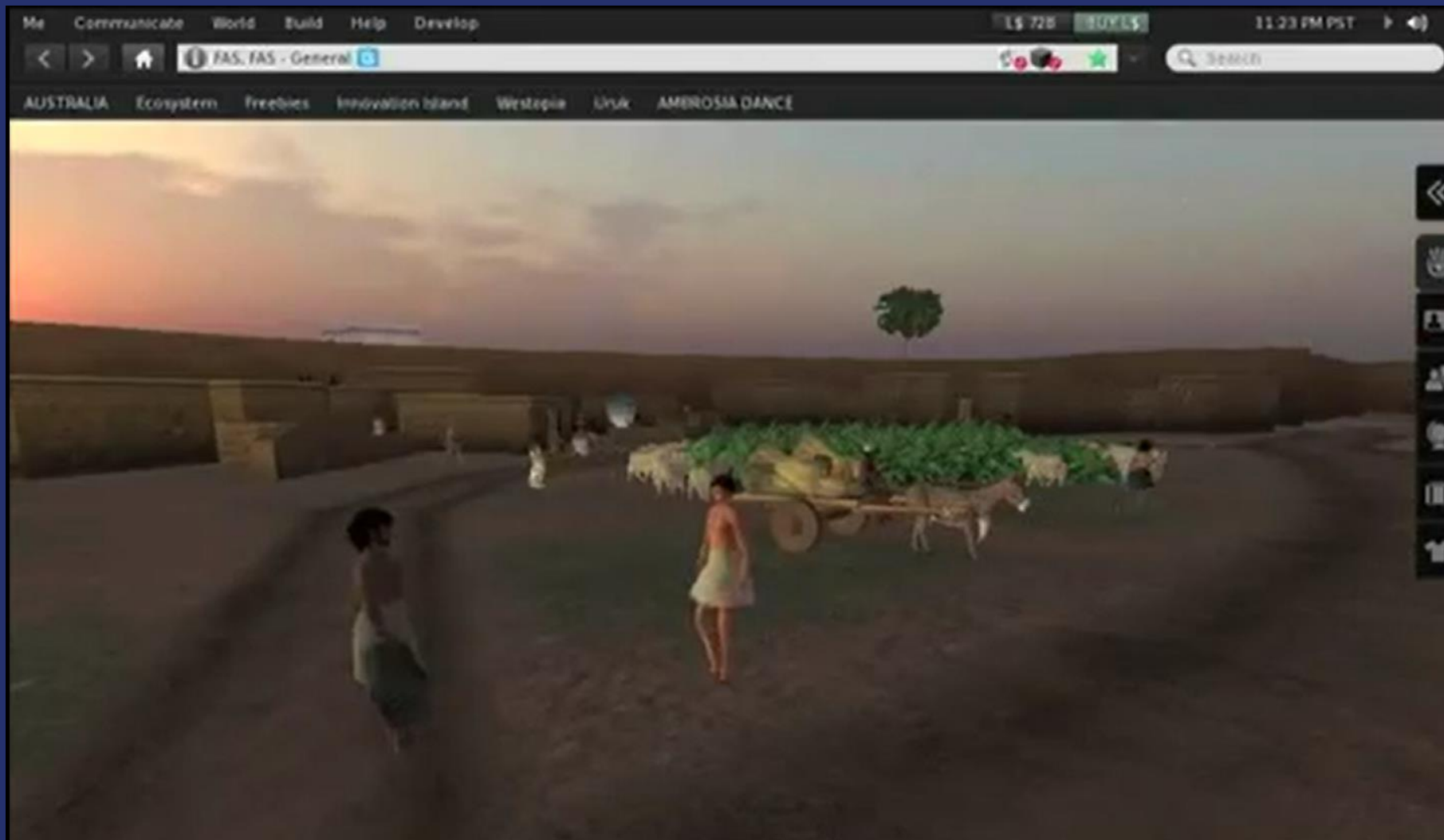


# Museums in Videogames

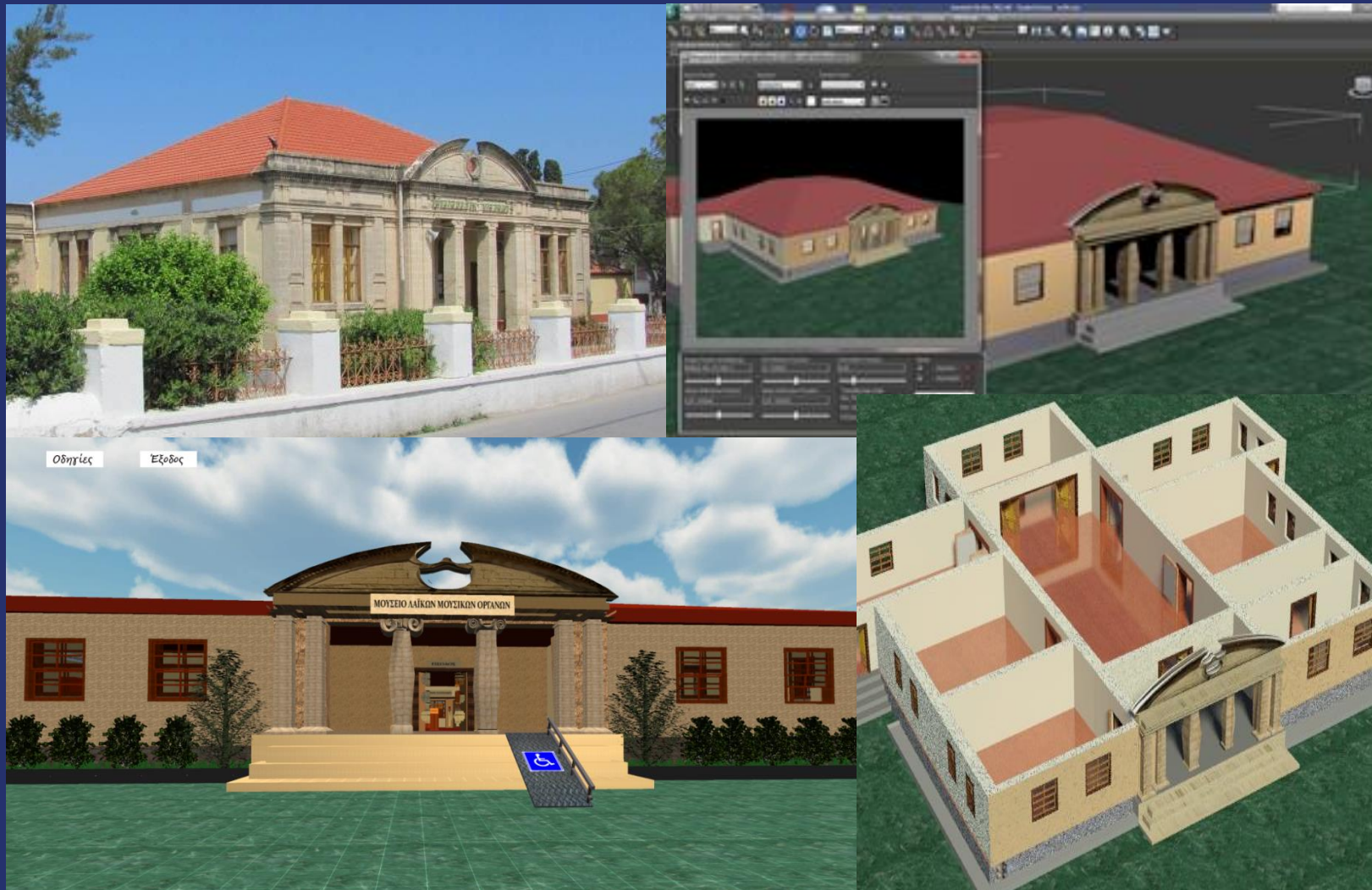


The Last of us, Part II, 2020

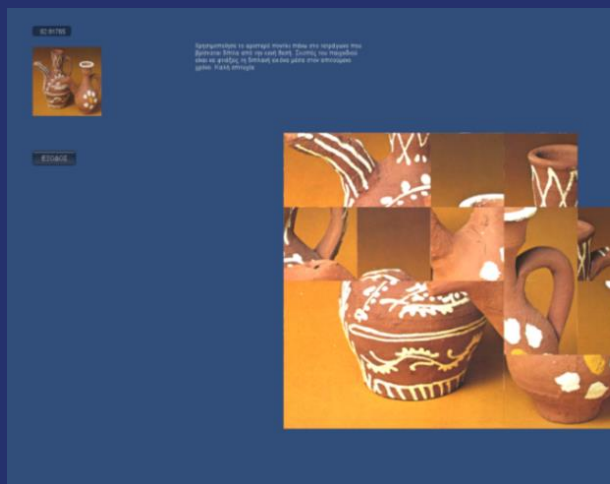
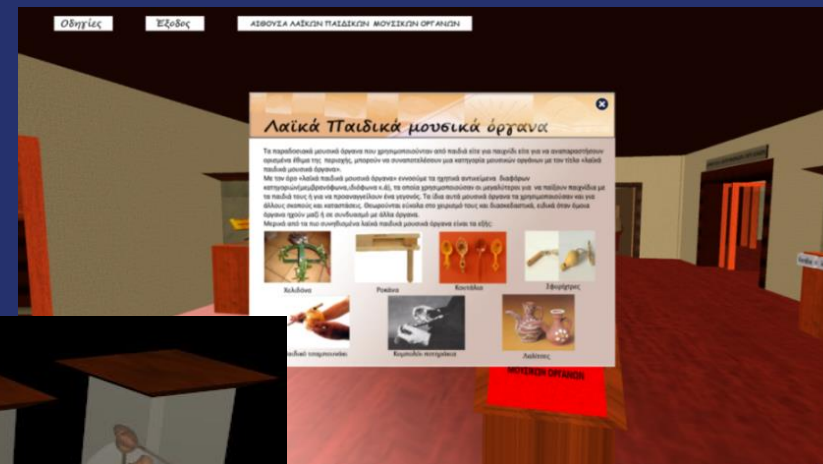
# Second Life



# Digital Co-curation



# Digital Co-curation



# Museums and Social Media

## Brooklyn Museum

### Community: Network

Posse

Comment

Twitter

Foursquare

Blog

Tumblr

Photos

Videos

Network

Podcast Archive

RSS Feeds

Let us come to you! Receive the latest Museum news in your own online communities.



Become a fan of the [Brooklyn Museum](#) on Facebook. Add the Museum's [ArtShare](#) application and shuffle artwork on your profile.



Contact us at Flickr and keep up with the Museum's [feed](#). Join our [group](#) and submit your photos of the Museum.



The Commons

View photographs from our archival collections at The Commons on Flickr and contribute your own tags, comments and feedback.



Follow us at [Twitter](#), and @reply to tell us about your visit.



Follow us on [Tumblr](#), where we highlight visitor responses to our exhibitions and programs.



Check in with us on [Foursquare](#) and find a promo for our Mayor.



Read our visitor reviews at [Yelp](#) and write one of your own.



View Brooklyn Museum videos and the [Visitor Video Competition](#) entries at [YouTube](#).



Add us on [MySpace](#) and send us a comment to share your art or to tell us about your visit.



Let our audio and video content come to you at [iTunes U](#). (Link will open in iTunes.)

# THE SENSIOM DATA DASHBOARD

Dashboard / Islamic Art

Page: Islamic Art

Please select period to fetch results

01/04/2018 - 1

Apply

Competition

Fire Station Artist Sheikh Faisal The Metropolitan Museum Louvre Louvre

400 TOTAL COMMENTS SENTIMENT

40 - 10 % UNHAPPY ISLAMIC ART

400 TOTAL POSTS

140 - 35 % NEUTRAL ISLAMIC ART

400 TOTAL REVIEWS

220 - 55 % HAPPY ISLAMIC ART

Choose museum from the list

Choose date range

Choose museum(s) to compare

Results: posts, unhappy, neutral, happy

Too much things from Egypt , not good as rated , if compared museums in Paris ,Rome, definitely disappointed .

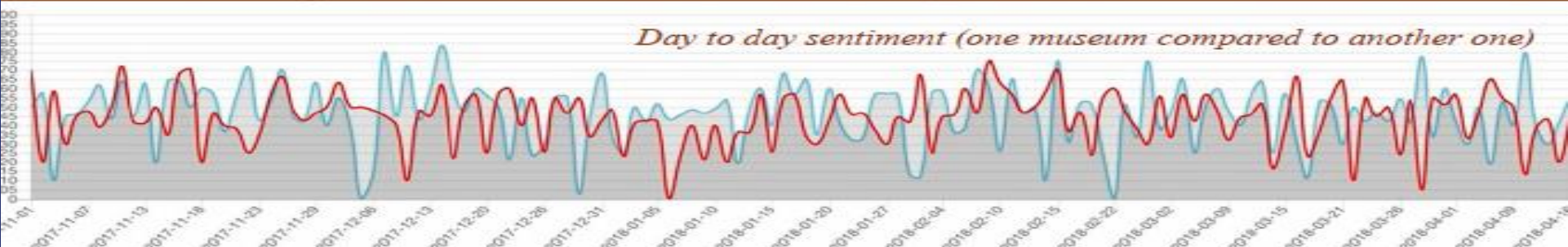
*Unhappy (score 2.0)*

The museum is located in a beautiful building with stunning architecture especially the new roofed area. The museum has lots of brilliant exhibits a lot

*Happy (score 9.0)*

Hard to believe one museum could hold some many wonderful subject areas. Well displayed. Very clean and safe. You should plan plenty of time - like most of the day. A wonderful experience.

*Neutral (score 6.0)*



# Museum Big Data - The Internet of Things – The Smart Museum!



Be an artwork!



<https://www.youtube.com/watch?v=XYRjaZl08lQ&t=95s>

ARTLENS Gallery: Create, Engage, Connect  
The Cleveland Museum of Art



# What is Strategy?

“The kernel of a strategy contains three elements: a diagnosis, a guiding policy and coherent action”

Richard Rumelt

# What is a Digital Strategy?

The goal of digital strategy is a statement of vision with objectives for the museum's digital programmes, based on evidence, 'owned' by leadership, backed up by adequate resources and used as a guide by management and operations

# Towards a Museum Digital Strategy

- Start from the Museum's overall strategy
- Understand the need of a digital strategy
- Involve the museum's leadership
- List the digital aspects and programme(s) of the museum as they currently are
- Apply the digital strategy across the museum's departments and services
- Research on the museum's digital needs
- Focus on digital audiences
- Develop the digital strategy framework
- Write up and get approvals
- Implement, evaluate, fine-tune

# Digital Strategy Canvas

For

Status

Date

## Our Organisation

### Strategic Context

What are our organisational priorities? Business plan? Strengths, weaknesses, opportunities, threats?

## Our Digital Programmes

### Management and Governance

How are our digital programmes managed?  
What is our governance process?  
Regular communications? Dashboard?

### Staffing and Resources

What is our staffing and resource position relative to our needs?  
What is our capacity to recruit, develop and retain staff?  
Agency relationships?

### Monitoring, Support, Maintenance and Development

How are our digital programmes supported?  
What mechanisms are in place to keep them maintained?  
What is our backlog of development work?

### Traffic

How are our traffic figures?  
Where is our traffic coming from?  
What mechanisms are we using to generate traffic?

### Content

What is the state of our content?  
How is our capacity to create new content?

### Infrastructure

What is the state of the infrastructure for our digital programmes (servers, systems, page templates, etc)?

### Services

What digital services do we provide? What state are they in?

### Value Capture

How do we capture value from the services we provide?  
How do we measure that value?

### Key Suppliers and Partners

Who are the key suppliers and partners for our digital programmes?

### Expenditure on Digital

What are we spending on our digital programmes?

### Income from Digital

What money is coming in through our digital programmes?

### Related Public-Facing Activities

What public-facing activities are we planning that relate to our digital programmes? Exhibitions? Campaigns? Education?

## Our Customers

### Customer Intelligence

Who are our key customer segments?  
What difference do we want to make in our customers' lives?  
Who are we asking them to become? (see 'Who do you want your customers to become?' by Michael Schrage)  
What do we know about their experience of our organisation and our digital programmes?

### Customer Relationships

What forms of customer relationship do we support (members, email subscribers, social media followers, etc...)?  
What are we doing to recruit, develop and retain customers?

## Our Environment

### Key Technologies, Social Media and Digital Services

What are the significant developments?

### Peers and Rivals

Who are our peers and rivals?  
How do our digital programmes compare to theirs?

### Cultural Trends

What cultural trends will impact our organisation? Our customers?

### Local Trends

What local trends will impact our organisation? Our customers?

## What to do:

- Front Matter: Who? What? Where? When?
- Description of current state of digital assets
- Museum's Vision and Mission
- Personnel and Teams
- Current digital programmes and provisions
- Audiences
- Benefits and Drawbacks
- The New Digital Strategy
- Description of new programmes and actions
- Expected Benefits and Drawbacks
- Action Plan and Involved Parties
- Evaluation and Revisiting Milestones

# What can go wrong:

- Not enough (any) research
- Not enough focus on audiences and their needs
- Not enough input from senior management / departments
- Misguided formulation of 'the significant challenge', i.e. pursuing objectives that don't really matter
- All 'what' and no 'how'. A good strategy needs to explain.
- Too many disjoint objectives
- Poor analysis of key risks
- Failure to consider 'value for money' i.e. resource costs in relation to outcomes
- Not enough resources for implementation
- Weaknesses that block successful implementation (e.g. strategy predicated on unrealistic staffing and resource plan)



# Thank you!

and do not hesitate to keep in touch!

**Assoc. Prof. Georgios Papaioannou**  
Director of Museology Research Lab,  
Department of Archives, Library Science and Museology,  
Ionian University, Corfu, Greece

[gpapaioa@ionio.gr](mailto:gpapaioa@ionio.gr)

