INDICATE project

Virtual exhibition workshop

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Project coordinator

Amman, 11 December 2011
Department of Antiquities of Jordan
ICCU Departments and Activities

ICCU is structured in 2 services and 6 departments

1. Administrative Service
2. Service for the cultural promotion

Projects:
- Internet Culturale
- Culturalitalia
- Europeana (Italian partic.)
- World Digital Library (Italian partic.)
- European projects
- Google Books (Italian partic.)

1. Standards rules for cataloguing and digitisation
2. National Library Service (SBN)
3. Registry of the Italian libraries (16,000)
4. Digitisation and access to documents
5. Cataloguing and census of the ancient book held by the Italian libraries (65,000)
6. Census of manuscripts held by the Italian libraries (60,000)
Past, present and future scenario
Europeana

- Multilingual portal with over 20 M data
- A showcase for over 1,500 museums, libraries, archives across Europe
- Supplied with data from national portals or EU projects
- A flagship project of the European Commission and the European Parliament

“A digital library that is a single, direct and multilingual access point to the European cultural heritage.”

European Parliament, 27 September 2007
From the blog
Claude Monet — The Creator of Impressionism

"Light is the principal person in the picture" (Claude Monet) The French painter Claude Monet was born on 14 November 1840. His work was so revolutionary and...

End of the First World War — 11 a.m. on 11.11
Today is the 93rd anniversary marking the end of the First World War. Precisely at 11 a.m. on the 11th day of the 11th month of 2011, it will be honoured acc...

Wilhelm Conrad Roentgen
Another scientist in the spotlight today – Wilhelm Conrad Roentgen. On 8 November 1895, during his experiment on cathode rays that passed through a glass tub...

Featured item
View on a Fine Breezy Day
This print has been of great influence in Western Art and it forms part of the set: Thirty-Six Views of Mt. Fuji. The work is also known as Red Fuji and it is one of the masterpiec...

Social media activities
Frank von Hagel has condensed What Brief OR do nowBrief.Europeana - Search results - discun
Frank von Hagel has condensed mask - discun
Frank von Hagel has condensed Butterflies - discun
Salzdahlusen mit Motto - Weilburger ins Oaal mit Fluss, Bildern und Palette | Hogarth, William
23 persone consigliano questo elemento.
What is the MINERVA network

**CORE CONCERN**
harmonising the digitisation of cultural content across Europe, avoiding fragmentation, minimising duplication, enabling long-term accessibility, promoting quality

**OUTCOMES**
European recommendations and guidelines on:
- Digitisation project management,
- Interoperability, Quality, Accessibility and Usability of resources, IPR,
- Inventories and Multilingualism,
- Good practices and competence centres

**PEOPLE**
Network of policy makers and professionals from cultural ministries and national institutions

**PARTNERS**
All member States plus Russia and Israel

**www.minervaeurope.org**

2002/2008
MINERVA publications

MINERVA – MINERVA Plus – MINERVA EC

- Good practices in digitisation
- Cost reduction
- Multilingualism
- Quality, accessibility, usability
- Technical Guidelines
- Progress report on digitisation
- Museo & Web

Thousands of downloads!

www.minervaeurope.org
Connecting people to collections from museums, libraries, archives, and cultural and scientific organisations across Europe

www.michael-culture.org

MICHAEL
Multilingual Inventory of Cultural Heritage in Europe

MICHAEL
2004-2008

e-TEN
The MICHAEL Culture international Association: a European cross-domain network

AISBL - Association internationale sans but lucratif under the Belgian law – Member of the Europeana Foundation Board

Members: institutions of every sector from all over Europe (ministries, public agencies, cultural institutions)
ATHENA
Access to cultural heritage networks across Europe

A network of good practices financed by the eContentPLUS programme
A 30 month project (2008-2011) coordinated by MiBAC
A result of the MINERVA project

ATHENA involved:
- 20 EU Member States, Israel, Russia and Azerbaijan
- 109 museums and other important cultural institutions in Europe

www.athenaeurope.org
The network

- Belgium
- Bulgaria
- Cyprus
- Czech Republic
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Israel
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- The Netherlands
- Poland
- Romania
- Russia
- Slovak Republic
- Slovenia
- United Kingdom
- Europeana
The mission

Encourage museums and other cultural institutions to share their cultural content with Europeana, supporting them in this process.

European museums have different approaches in:
• cataloguing
• digitisation
• metadata standard use
Results:

**LIDO (XML harvesting schema)**

- LIDO = Light Information [for] Describing Objects
- Uses the conceptual reference model CIDOC (CRM)
- Includes elements for visualization, indexing and multilingualism
- Aligned with the Getty *CDWA Lite and Spectrum* standards
- Reacher compare to ESE (Europeana Semantic Elements)

Formalised at international level in December 2010 in Beijing at the CIDOC International Conference

http://www.lido-schema.org
Results: ingestion software (MINT)

Developed by NTUA
Based on LIDO
Data automatically sent to Europeana
Used by many EU projects
4,012,120 M data!
### PERSISTENT IDENTIFIERS (PID)
- What they are, why to use them, how
- Typologies and uses
- Survey
- Recommendations for institutions
- Booklet

### GIS: GUIDELINES FOR GEOGRAPHIC INFORMATION
- What they are, why to use them, how
- Typologies and uses
- Use cases with digital cultural content
- Booklet
STEP BY STEP IPR GUIDE

A museum wanting to publish its images may face legal problems

The IPR guide proposes solutions to identify these problems
ATHENA Journal

1: Think culture
2: Open gates instead closed doors
3: Collections development

http://www.uncommonculture.org
Other results: virtual exhibition
Best Practice Network

Started on 1/4/2011 (30 months)

• To contribute large quantities of new content to Europeana – *cross domain*

• To prepare for the enhancement of the quality of both new and existing Europeana content

• To demonstrate improved search, retrieval and use of Europeana content

• For the first time, the **public sector** participate together with the **private sector** to provide content to Europeana

[www.linkedheritage.eu](http://www.linkedheritage.eu)
Main objectives

1. First and most important focus: to provide 3 million new content to Europeana

2. Five key areas of development and innovation:
   a) The use of linked data
   b) Persistent identifiers
   c) Metadata and standards (particularly for non-library sources)
   d) Multilingual and cross-domain combination of terminologies
   e) Engagement with the private sector (ONIX mapping)
eInfrastructures for DCH

- DC-NET
  ![DC-NET Logo](image)

- INDICATE
  ![INDICATE Logo](image)
The needs of the DCH sector

1. **Performing informative systems** that assure reliability, data long term preservation, security and sustainability

2. **Access** for the final users

3. **Interoperability** between digitised cultural heritage repositories and research repositories (e.g. chemical analysis on artifacts)
DC-NET (2009-2012) is a network of European ministries and national/regional agencies to coordinate programmes development in DCH, funded by the EC within the e-Infrastructures.

Partners are programme managers (mainly ministries)

www.dc-net.org
Objectives

I. to establish a **dialogue** between the Cultural Heritage, the ICT and the e-Infrastructures (**working groups, international conferences & publications**)  

II. to explore how e-Infrastructures can **add value** to the research in the digital cultural heritage and to identify a range of advanced services (**focused seminars and workshops**)  

III. to develop and endorse a **Joint Activities Plan** (**commitment from the stakeholders**)
Research priority services for DCH

1. Long-term preservation
2. Persistent identifiers
3. Interoperability and aggregation
4. Advanced search
5. Data resource set up
6. User authentication and access control
7. IPR and DRM
DC-NET

- Fostering discussion about the digital cultural heritage enabled by the e-Infrastructures
- Defining research priorities
- Investigating the opportunities for CH institutions offered by eInfrastructures

INDICATE

- Widening the discussion in the Mediterranean region and internationally
- Implementing research priorities into case studies and pilots
- Promoting the access of CH institutions to eInfrastructures
Thank you!

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http://www.indicate-project.org