



ATHENA

Access to cultural heritage
networks across Europe

eContentplus



MINISTERO
PER I BENI E
LE ATTIVITÀ
CULTURALI



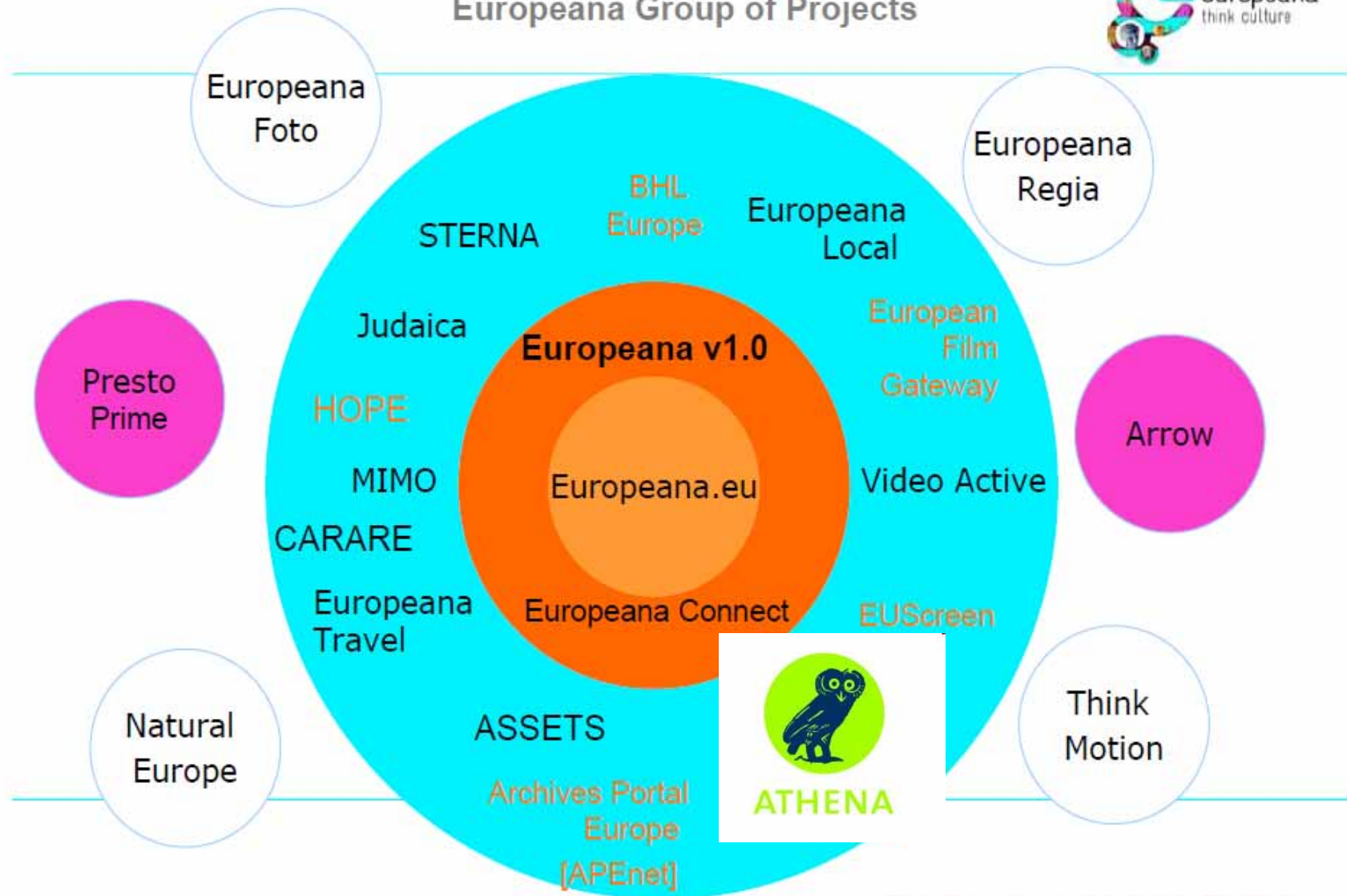
Maria Teresa Natale
Istituto centrale per il catalogo unico
delle biblioteche italiane
ATHENA Technical Coordinator

ATHENA

I risultati di un progetto per i musei

EVA Florence 2011
Firenze, 5 maggio 2011

Europeana Group of Projects



EU-Funding: 38.2 M. EURO



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ATHENA

ATHENA è

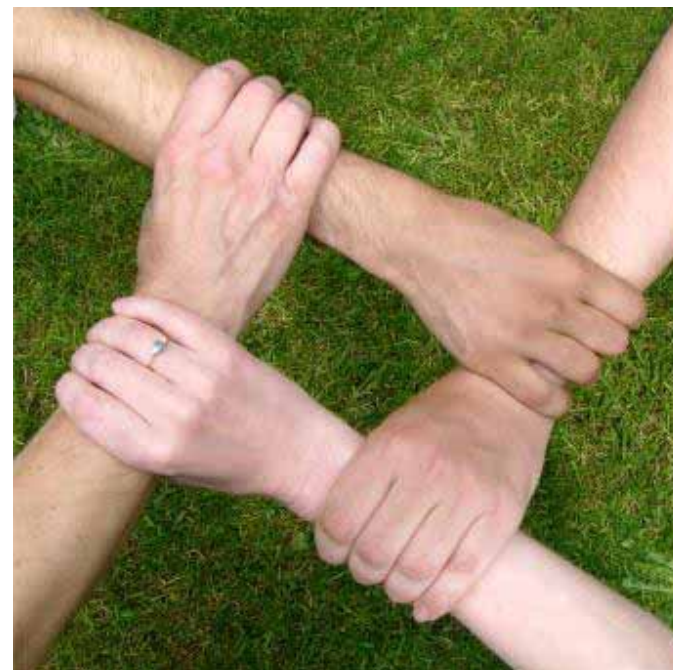
Una rete di buone pratiche finanziata dal programma europeo *eContentplus*

Un progetto di 30 mesi (2008-2011) coordinato dal MiBAC

Un risultato del **progetto MINERVA**

ATHENA coinvolge:

Circa 130 tra musei e altre istituzioni culturali





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networks across Europe

II 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



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networks across Europe

La mission di ATHENA

**EUROPEAN MUSEUM!
ATHENA IS
YOUR BRIDGE
TO EUROPEANA**

**ONLY THOSE WHO
SHOW THEMSELVES
WILL BE SEEN**



eContentplus

**Incoraggiare i musei e
le altre istituzioni culturali
a condividere i propri
contenuti digitali con
Europeana,
supportandoli in questo
processo**



européana
think culture



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Lo stato dell'arte

I musei europei hanno approcci diversi:

- **nella catalogazione**
- **nella digitalizzazione**
- **nell'uso di standard di metadati**

Però, grazie a Internet:

**Maggior volontà di condividere
la conoscenza sugli oggetti
e sulle mostre**

DIGITISATION:

STANDARDS LANDSCAPE

FOR EUROPEAN MUSEUMS,

ARCHIVES, LIBRARIES



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Complessità degli oggetti museali

Quale standard d'interscambio?

... with objects cooperation is more difficult ...



Painted 1784



Not painted ...
but „produced“ 1540



Painted 1769



Not painted ...
not produced ...
But: „first described“ 1863



Painted 1739

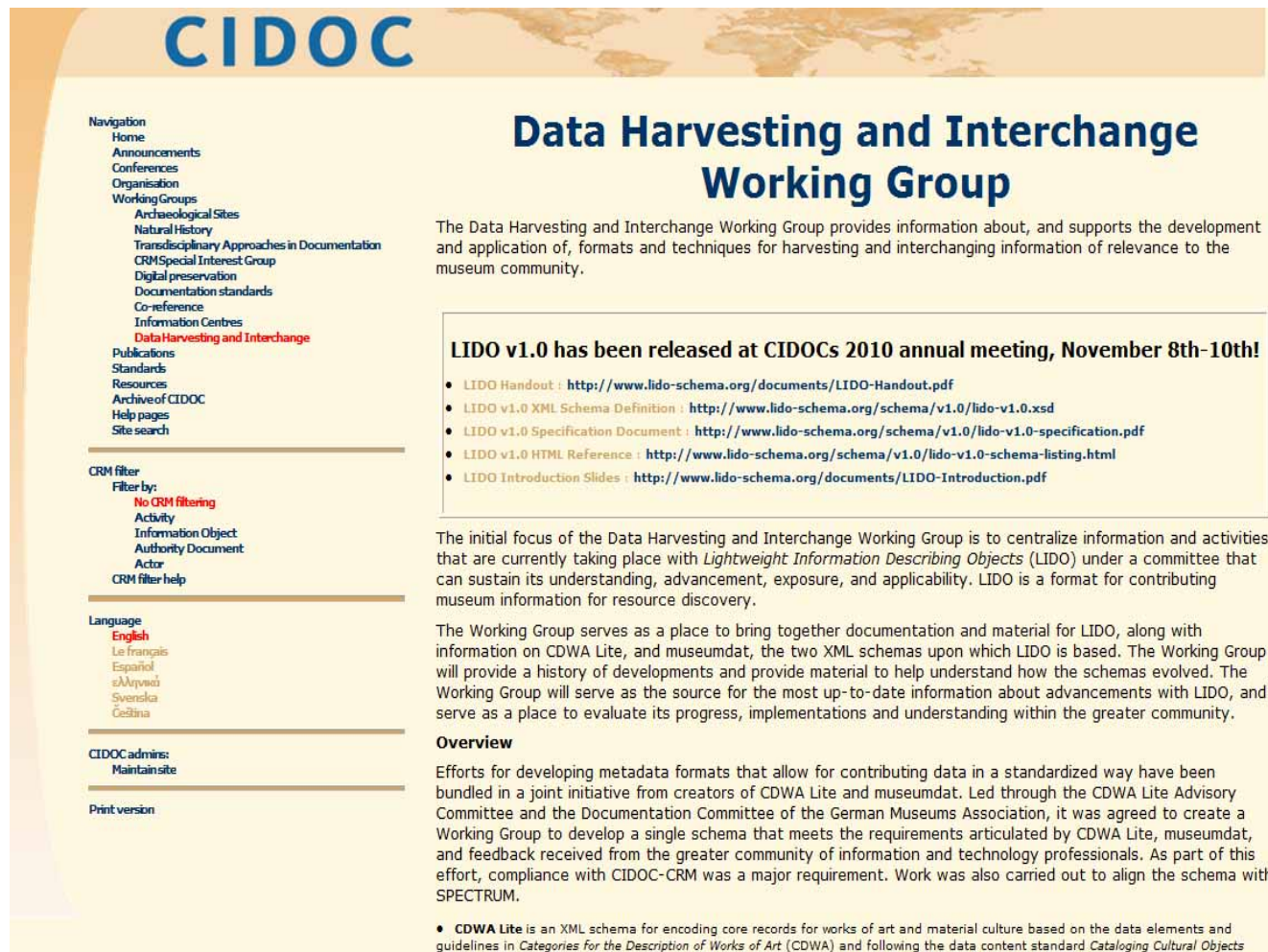


Not painted ...
Produced (when ??)
More important: „used“ around 530

EVENTI

Complessità degli standard museali

Quale standard per ATHENA?



CIDOC

Data Harvesting and Interchange Working Group

The Data Harvesting and Interchange Working Group provides information about, and supports the development and application of, formats and techniques for harvesting and interchanging information of relevance to the museum community.

LIDO v1.0 has been released at CIDOCs 2010 annual meeting, November 8th-10th!

- **LIDO Handout** : <http://www.lido-schema.org/documents/LIDO-Handout.pdf>
- **LIDO v1.0 XML Schema Definition** : <http://www.lido-schema.org/schema/v1.0/lido-v1.0.xsd>
- **LIDO v1.0 Specification Document** : <http://www.lido-schema.org/schema/v1.0/lido-v1.0-specification.pdf>
- **LIDO v1.0 HTML Reference** : <http://www.lido-schema.org/schema/v1.0/lido-v1.0-schema-listing.html>
- **LIDO Introduction Slides** : <http://www.lido-schema.org/documents/LIDO-Introduction.pdf>

The initial focus of the Data Harvesting and Interchange Working Group is to centralize information and activities that are currently taking place with *Lightweight Information Describing Objects* (LIDO) under a committee that can sustain its understanding, advancement, exposure, and applicability. LIDO is a format for contributing museum information for resource discovery.

The Working Group serves as a place to bring together documentation and material for LIDO, along with information on CDWA Lite, and museumdat, the two XML schemas upon which LIDO is based. The Working Group will provide a history of developments and provide material to help understand how the schemas evolved. The Working Group will serve as the source for the most up-to-date information about advancements with LIDO, and serve as a place to evaluate its progress, implementations and understanding within the greater community.

Overview

Efforts for developing metadata formats that allow for contributing data in a standardized way have been bundled in a joint initiative from creators of CDWA Lite and museumdat. Led through the CDWA Lite Advisory Committee and the Documentation Committee of the German Museums Association, it was agreed to create a Working Group to develop a single schema that meets the requirements articulated by CDWA Lite, museumdat, and feedback received from the greater community of information and technology professionals. As part of this effort, compliance with CIDOC-CRM was a major requirement. Work was also carried out to align the schema with SPECTRUM.

- **CDWA Lite** is an XML schema for encoding core records for works of art and material culture based on the data elements and guidelines in *Categories for the Description of Works of Art* (CDWA) and following the data content standard *Cataloging Cultural Objects*



<http://www.lido-schema.org>



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LIGHTWEIGHT INFORMATION

DESCRIBING OBJECTS (LIDO):

THE INTERNATIONAL HARVESTING

STANDARD FOR MUSEUMS

LIDO

LIDO Basics: XML Harvesting schema

- LIDO = Light Information [for] Describing Objects
- Usa il Modello di riferimento concettuale **CIDOC** (CRM)
- Ha elementi inerenti la **Visualizzazione** ed elementi inerenti l'**Indicizzazione**
- Supporta il **multilinguismo**
- E' allineato con lo schema del Getty **CDWA Lite**
- In linea con lo standard **SPECTRUM**
- Già sperimentato nel portale tedesco **BAM**
- Rispetto a ESE (Europeana Semantic Elements), LIDO tiene maggiormente conto della ricchezza dei dati degli oggetti digitali.



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Ingestion software

HOME

MY PROFILE

ADMINISTRATION

IMPORT

OVERVIEW

DATA REPORT

LOGOUT

Import

Select your import method:

☒ Http Upload

Sfoggia...

Only zip, .

☐ NTUA FTP Upload

-- Select file--

NTUA FTP:

☐ Remote FTP/HTTP Upload

Give URL to remote f

☐ OAI URL

Give link to OAI repos

From Date (YYYY-MM-DD):

To Date (YYYY-MM-DD):

OAI SET:

fetch OAI se

Namespace Prefix:

fetch OAI na

☐ Server filename

Server file path for up

Upload for Organization*:

-- Which Organization --

P

☐ This is a LIDO 0.9 import

☐ This is a LIDO 1.0 import

Submit

Reset

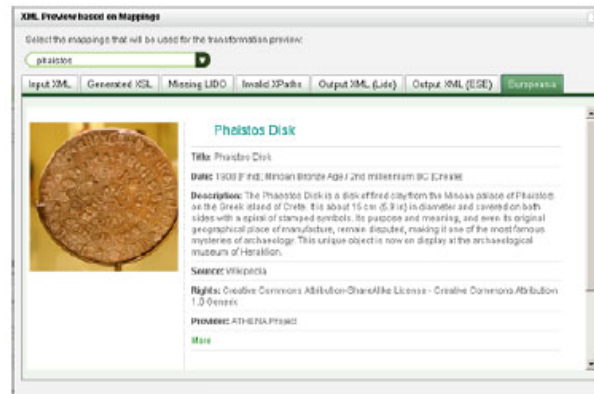
- Sviluppato da NTUA
- Basato su LIDO
- Invio automatico dei dati a Europeana



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ATHENA ingestion system

XML analysis, statistics & preview



Visual mapping (XSL) editor



XPath & constant value mappings, value concatenation
String value transformation functions based on XSL

Complex condition editor

By
NTUA

XML Transformed

Input XML LIDO

Output XML (ESE)

Europeana

```
<?xml version="1.0" encoding="UTF-8"?>
<lido:lidoWrap xmlns:lido="http://www.lido-schema.org"
  xmlns:xml="http://www.w3.org/XML/1998/namespace"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.lido-schema.org
http://www.lido-schema.org/schema/v1.0/lido-v1.0.xsd">
  <lido:lido>
    <lido:lidoRecID
      lido:source="Deutsches Dokumentationszentrum für Kunstgeschichte - Bildarchiv Foto Marburg" lido:type="local
Mb112/lido-obj67004025</lido:lidoRecID>
    <lido:category>
      <lido:conceptID lido:type="URI">http://www.cidoc-crm.org/crm-concepts/E22</lido:conceptID>
      <lido:term xml:lang="eng">Man-Made Object</lido:term>
    </lido:category>
    <lido:descriptiveMetadata xml:lang="deu">
      <lido:objectClassificationWrap>
        <lido:objectWorkTypeWrap>
          <lido:objectWorkType>
            <lido:term lido:encodinganalog="5230/5230">Druck</lido:term>
            <lido:term lido:addedSearchTerm="yes" lido:encodinganalog="5230/523a">Bildwerk</lido:term>
          </lido:objectWorkType>
        </lido:objectWorkTypeWrap>
      </lido:classificationWrap>
```


XML Transformed

Input XML LIDO

Output XML (ESE)

Europeana

[view plain](#) [print](#) ?

```

01. <?xml version="1.0" encoding="UTF-8"?>
02. <europeana:metadata xmlns:dc="http://purl.org/dc/elements/1.1/"
03.   xmlns:dcmitype="http://purl.org/dc/dcmitype/"
04.   xmlns:dcterms="http://purl.org/dc/terms/"
05.   xmlns:europeana="http://www.europeana.eu/schemas/e/"
06.   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.europeana.eu
/schemas/e/ http://www.europeana.eu/schemas/e/ESE-V3.3.xsd">
07.   <europeana:record>
08.     <dc:title xml:lang="deu">Porträt von Johannes Oporinus (1507 - 1568)</dc:title>
09.     <dc:type xml:lang="deu">Druck</dc:type>
10.     <dc:description xml:lang="deu">Sachtitel: Halbfigur nach links mit Kopfbedeckung, in der Linken Buch (?), in
11.     <dc:description xml:lang="deu">Inschrift: Vorlageform Ve
</dc:description>
12.     <dc:identifier xml:lang="deu">Inventarnummer Bö-BI/P/190
13.     <dc:description xml:lang="deu">Aufbewahrung/Standort: De
14.     <dcterms:extent xml:lang="deu">147 x 90 mm (Blatt), 101
15.     <dc:creator xml:lang="deu">Stimmer, Tobias (Zeichner)</d
16.     <dc:creator xml:lang="deu">Murer, Christoph (Stecher)</d
17.     <dc:creator xml:lang="deu">Jobin, Bernhard (Verleger)</d
18.     <dcterms:medium xml:lang="deu">Papier</dcterms:medium>
19.     <dc:description xml:lang="deu">Technik: Holzschnitt</dc:
20.     <dcterms:created xml:lang="deu">1590 [Herstellung]</dte
21.     <dc:relation xml:lang="deu">Reusner, Nicolaus. Imagines

```

XML Transformed

Input XML LIDO Output XML (ESE) Europeana



Porträt von Johannes Oporinus (1507 - 1568)

Title: Porträt von Johannes Oporinus (1507 - 1568)

Date: 1590 [Herstellung]

Creator: Stimmer, Tobias (Zeichner); Murer, Christoph (Stecher); Jobin, Bernhard (Verleger)

Description: Sachtitel: Halbfigur nach links mit Kopfbedeckung, in der Linken Buch (?), in der Rechten eine Schriftrolle haltend, in rechteckiger Einfassung. Oben Seitenzahl "307" u. Zähl. ist. Legende: "IOANNES OPORINVS | Basiliensis." Unter dem Bild: "Si famam aeternam Typicae do veribus art: | Aeternum cu non reddat et ipse decus?" M. D. LXXVIII. "U.": Bogeninschrift "V 2"

Inschrift: Vorlageform Verfassersangabe -- links: Stecher vermutlich: Stimmer, Tobias (1530-1584) oder Murer, Christoph (1558-1614) [Beschreibung]
Aufbewahrung/Standort: Deutsches Buch- und Schriftmuseum (Leipzig)
Technik: Holzschnitt

Format: 147 x 90 mm (Blatt), 101 x 80 mm (Bild, 1 Ex.: Papier)

Source: Deutsche Nationalbibliothek, Deutsches Buch- und Schriftmuseum Leipzig

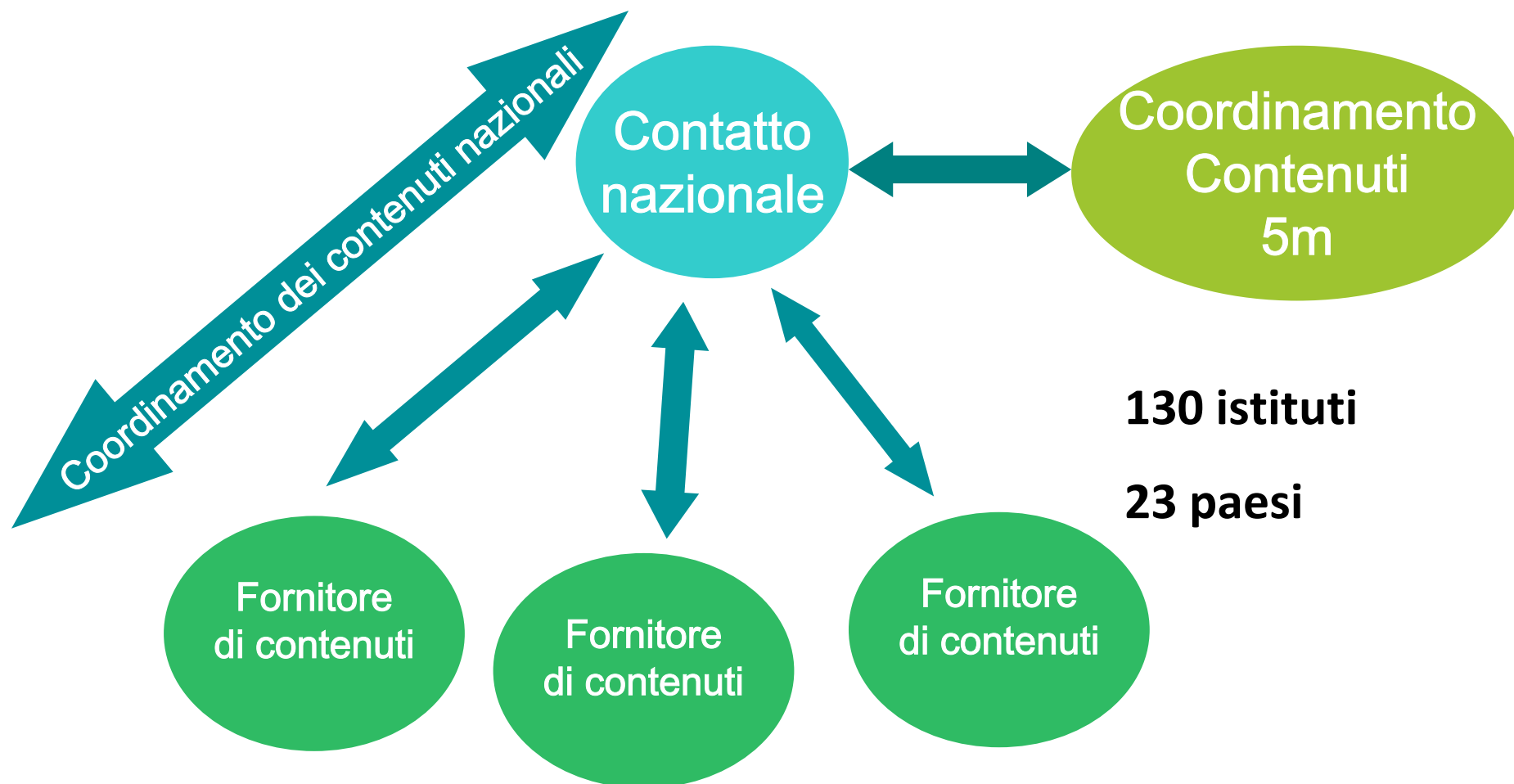
Rights: Deutsche Nationalbibliothek, Deutsches Buch- und Schriftmuseum Leipzig



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Flusso di lavoro





Ingestion plan

	A	B	C	D	E	F	G	H	
	COUNTRY	DATA PROVIDER (institution, aggregator)	COLLECTION NAME	TECHNICAL CONTACT PERSON	E-MAIL	APPROXIMATE NUMBER OF DIGITAL OBJECTS	OBJECT TYPES (image, text, sound, video)	PREVIEW AVAILABILITY (thumbnail, audio preview, video preview)	
1									
2	BE_001	ModeMuseum	Museum collection database	Dieter Suls; Arthur Hanselman	dieter.suls@momu.be ; arthur.hanselman@go2cit.nl	17818 catalogue records	Text / Images (JPEG)	9.645 photos in low resolution that are linked to descriptions of museum objects. They are available online.	Catalogue the 17th c on Belgiu
3	BE_002	ModeMuseum	Museum library database	Dieter Suls; Jef Gielen	dieter.suls@momu.be ; jg@cipal.be	15.084 book descriptions	Text	0 thumbnails. No images available.	Mainly bo Museum o MoMu).
4	BE_003	Stadsarchief Antwerpen	Photo archive	Filip Boudrez; Sonja Schaule	filip.boudrez@stad.antwerpen.be ; sonja.schaule@edavid.be	30.000 (digital photographs), copyright protected	Text (metadata records / Images	30.000 low resolution images, thumbnails free to use. The size of a thumbnail is 75 px. You can find an example next to the 'comments' column. If Europeana would require larger thumbnails, they can provide larger images of 100/120 px. This has to be commu	Thumbn
5	BE_004	Collectie Vlaamse Gemeenschap	Collection Flemish Government	Evi Bert; Hans van der Linden	evi.bert@cism.vlaanderen.be ; hans.vanderlinden@cism.vlaanderen.be	1026 catalogue records	Text / Images	1902 thumbnails. 260 records have NO image.	Descripti photograp
6	BE_005	MuHKA	Museum collection	Alexandra Pauwels	alexandra.pauwels@muhka.be	1710	Text	1500 thumbnails. Thumbnail of the related picture; available at the end of this year.	catalogue
7	BG_001	"Strara Sofia" Municipal Enterprise with the Historical Museum of Sofia	Stara Sofia (Old Sofia)	Sabina Aneva and Daniela Atanasova	sabina@cl.bas.bg ; refer3@cl.bas.bg	1181 catalogue records linked to 1181 images	Text and image	thumbnail of the related picture	Catalogue
8	BG_002	Ethnographic Institute with Museum	Folk Applied Arts	Sabina Aneva and Daniela Atanasova	sabina@cl.bas.bg ; refer3@cl.bas.bg	500 catalogue records linked to 500 images	Text and image	thumbnail of the related picture	Catalogue
		National Historical	Bulgaria and the	Sabina Aneva and Daniela		400 catalogue records linked to			



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La formazione

WORKSHOP FORMATIVI PERIODICI



VIDEO TUTORIAL



MATERIALE DIDATTICO IN LINEA

Documenti

Linee guida

Presentazioni

Video



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Assistenza tecnica

HELP-DESK TECNICO

gestito dai gruppi di lavoro
tecnici a supporto dell'attività
dei musei per il caricamento
dei dati

- Problemi tecnici
- Mapping
- Gestione delle collezioni





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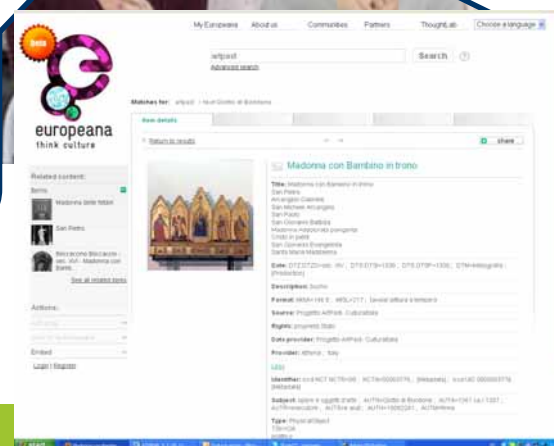
Houston, siamo partiti!

*How exciting to see
it live! All of
everyone's work is
coming together.
Well done*

*Great news with the publication,
congratulations and thank you for all
you hard work. Their organisations
should be the judges, within the limits
of the systems, as to the quality of the
results*

*Thank you for all
your efforts and
hard work - we are
absolutely thrilled to
be in Europeana*

*I would like to thank to
the Europeana Ingestion
Team*



All

Texts (503,188)

Images (3,279,348)

Videos (890)

Sounds (14)



Results 1 - 12 of 3,798,121

Page: 1

2

3

4

5

6

7

8

9

10

→



Refine your search:

By provider

By country

- + italy (1,572,371)
- + germany (1,379,032)
- + finland (523,324)
- + hungary (93,505)
- + slovakia (43,664)
- + russia (43,206)
- + poland (30,055)
- + belgium (27,708)
- + czech republic (26,478)
- + greece (19,075)
- + belgium (27,708)
- + czech republic (26,478)
- + greece (19,075)
- + romania (16,248)
- + slovenia (15,480)
- + europe (5,289)
- + lithuania (1,093)
- + malta (978)
- + estonia (471)
- + bulgaria (144)



Μηδεια

Mikis Theodorakis (composer)
1988
Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο...
Athena



Δύο τετράδια με πρόχειρα επιστολών Μ.Θ. ...

1957
Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο...
Athena



Τετράδια με πρόχειρα επιστολών σχετικά μ...

1958
Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο...
Athena



Ποικιλία θεμάτων. Η αλληλογραφία δίνει π...

1960
Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο...
Athena



Ενέργειες και επιστολές για την απελευθέ...

1970
Music Library of Greece "Lilian Voudouri" - Friends of Music Society / Μεγάλη Μο...
Athena



Γούνα

Museum of Greek Folk Art / Μουσείο Ελληνικής Λαϊκής Τέχνης
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Πιρπιρί

Museum of Greek Folk Art / Μουσείο Ελληνικής Λαϊκής Τέχνης
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Γιούρντα

Museum of Greek Folk Art / Μουσείο Ελληνικής Λαϊκής Τέχνης
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Non solo musei

Musei archeologici
Musei etnografici
Musei della tecnica
Musei naturalistici
Gallerie d'arte
Archivi fotografici
Archivi audiovisivi
Accademie
Biblioteche





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Entità delle collezioni

Computerspiele museum → 29



CulturalItalia → 1.572.371



L'appetito vien mangiando...

National Gallery - Alexandos Soutzos Museum

dai 50 promessi ai 2.649 caricati



ΕΘΝΙΚΗ ΠΙΝΑΚΟΘΗΚΗ
ΜΟΥΣΕΙΟ ΑΛΕΞΑΝΔΡΟΥ ΣΟΥΤΖΟΥ
ΙΔΡΥΜΑ ΕΥΡΙΠΙΔΗ ΚΟΥΤΛΙΔΗ



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Criticità

CRITICITA' GENERALI

Collezioni non completamente digitalizzate

Problemi tecnici

Problemi interni alle istituzioni

Problemi relativi ai diritti gravanti sui dati digitalizzati

QUALITA' DEI DATI

Oggetti digitali non sempre di buona qualità

Metadati descrittivi di buona qualità ma scarsa qualità delle immagini

Mancato uso di standard per i metadati

Oggetti con metadati descrittivi di buona qualità ma privi di immagini
(non accettati da Europeana)

Errori nella mappatura dei metadati

Thumbnail blurring

Immagini non catturate da
Europeana

Duplicazioni

Mancata normalizzazione

dei nomi dei vari fornitori di
contenuti

Ecc.



**Centinaia di
conversazioni**

“G. asked me to fix dcterms:title and change it to dc:title, map dc:source to europeana:dataProvider, leave dc:description as it is. I cannot change the display order of dc:extent. Dc;Type was another issue I now mapped it to dc:subject because this fits better. I tried to differentiate between dc:type and dc:subject but currently this information is all mapped to dc:type in the input file and there is no pattern that I could filter for. Not all items contain a true dc:type as first element in their metadata”.



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Criticità

FLUSSO

Dal museo ad ATHENA ad Europeana

[2 passaggi]

Dal museo all'aggregatore (nazionale, tematico, regionale) ad ATHENA a Europeana

[3 passaggi]



sincronia



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Lezione apprese

- Rispettare le linee guida tecniche nei progetti di digitalizzazione
- Uso degli standard per la catalogazione e la creazione di metadati
- La qualità delle immagini è molto importante
- Formazione, formazione, formazione...
- Help desk: è strategico!
- Interoperabilità umana: cooperazione tra tecnici ICT e operatori dei beni culturali



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I protagonisti

- Partner & content provider
- Team scientifico
- Europeana team
- Help desk tecnico
- Il coordinatore
- Gli altri progetti di Europeana (MIMO, APEnet, EuropeanaLocal, Judaica Europeana, CARARE)

API



WIDGET





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Le altre attività

IDENTIFICATORI PERSISTENTI (PID)

- Cosa sono, perché devono essere utilizzati, in che modo
- Le tipologie e il loro uso
- Risultati dell'indagine sull'uso dei PID
- Raccomandazioni per le istituzioni che vogliono utilizzare i PID
- Booklet

Identificazione – Uso di stringhe concordate di testo alfanumerico (identificatori) per fornire l'accesso, come una chiave, all'informazione su qualsiasi supporto

Persistenza – Gestione dell'identificatore per mantenere l'accesso

URI, URL, URN, PURN, DOI, OpenURL, ARK, ISIL ecc.

PERSISTENT

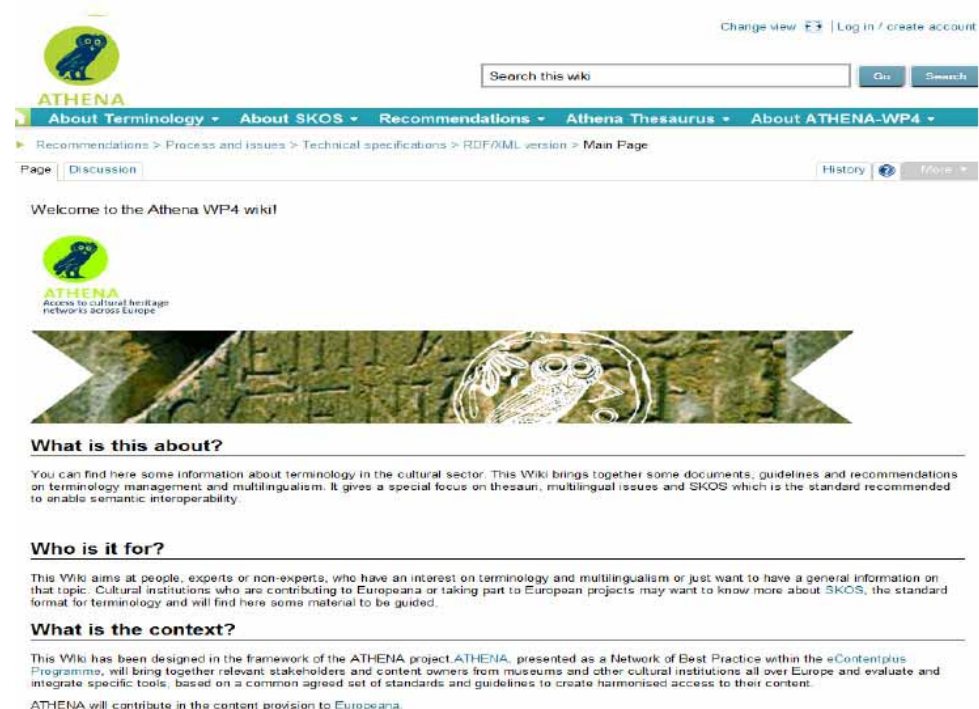
IDENTIFIERS (PIDs):

RECOMMENDATIONS

FOR INSTITUTIONS

ATHENA THESAURUS

- Esperimento concepito come una raccolta di termini da vocabolari controllati
- Espressi in formato SKOS
- Sul quale vengono mappate le altre terminologie
- Linee guida per la skosificazione dei tesauri
- Benchmark dei software per la skosificazione
- ATHENA-WIKI





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Le altre attività

GIS: LINEE GUIDA PER LA LOCALIZZAZIONE GEOGRAFICA DEI CONTENUTI CULTURALI

- Introduzione
- Terminologie di base
- Informazione geografica negli standards concernenti i contenuti culturali digitali
- Implementazione del GIS nei contenuti culturali digitali

Booklet

DIGITAL CULTURAL CONTENT:

GUIDELINES FOR

GEOGRAPHIC INFORMATION

STEP BY STEP IPR GUIDE

Un museo che intende pubblicare le immagini delle proprie opere sul web può incorrere in problemi legali.

L'IPR guide intende proporre delle soluzioni per identificare questi problemi.



ATHENA Journal

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

<http://www.uic.edu/htbin/cgiwrap/bin/ojs/index.php/UC/issue/view/318>



The screenshot shows the homepage of the 'Uncommon Culture' journal. The header features the journal's logo, which consists of the word 'Uncommon' in a grid of colored squares above the word 'Culture' in a similar grid. Below the logo, the text '2010 | Vol. 1 | no 1/2' and 'ISSN: 2082-6923' are displayed. The navigation menu includes links for HOME, ABOUT, LOG IN, REGISTER, SEARCH, CURRENT, and ARCHIVES. On the right side, there is a section for 'OPEN JOURNAL SYSTEMS' with a 'Journal Help' link, a user login form with fields for 'Username' and 'Password', and a 'Remember me' checkbox. Below the login form, there is a 'JOURNAL CONTENT' section with a search bar and a 'Browse' section with links for 'By Issue', 'By Author', 'By Title', and 'Other Journals'. At the bottom, there is an 'INFORMATION' section with links for 'For Readers', 'For Authors', and 'For Librarians'. The main content area displays the title 'Vol. 1, no. 1/2 (2010): Think Culture' and a 'TABLE OF CONTENTS' link. The background of the main content area is a dark blue gradient with a large, stylized owl logo on the left and a photograph of a classical architectural arch on the right.



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Il sito web

The screenshot shows the ATHENA website with a green header bar. The main navigation menu on the left includes: About us, Partners and contributors, National Contact Points, Work Packages, ATHENA Deliverables and documents, Dissemination, Training, How to join, Europeana, Europeana related projects, Useful documentation, Events, News, and Reserved Area. Below this is the ATHENA Help Desk section, which provides technical help on LIDO and the ATHENA ingester, and a link to the ATHENA Wiki. The main content area features a large banner image of a stone tablet with an owl. The text below the banner states: "ATHENA, presented as a Network of Best Practice within the eContentplus Programme, takes its origins from the existing MINERVA network. ATHENA will bring together relevant stakeholders and content owners from museums and other cultural institutions all over Europe and evaluate and integrate specific tools, based on a common agreed set of standards and guidelines to create harmonised access to their content. ATHENA will contribute in the content provision to Europeana." The right sidebar contains logos for the European Union, Europeana, Michael, minerva, and DC NET. At the bottom, there is a message in Italian: "(24 di 24) - Appunti Elemento non prelevato: eliminare degli elementi per aumentare lo spazio disponibile."

ATHENA
Access to cultural heritage
networks across Europe

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ATHENA Help Desk

Technical Help Desk on the use of
LIDO and the ATHENA ingester

More ▶

ATHENA Wiki

Tool for collaborative work for the
WP4 tasks

More ▶

Events

Roma: Il contributo europeo al patrimonio culturale "in digitale" sul web / The European contribution to online digital cultural heritage. ATHENA/Europeana Local Workshop

21 February, 2011

Roma: ATHENA Final Conference

28 April, 2011

San Francisco: International Linked Open Data in Libraries, Archives, and Museums Summit (LOD-LAM)

2-3 June, 2011

News

2011-01-16 Europeana Strategic Plan 2011-2015

Europeana's response to the document "The New Renaissance", published last week by the Comité des sages. [More ▶](#)

2011-01-13 Comité des Sages delivers its report

The Comité des Sages calls for a "New Renaissance" by bringing Europe's cultural heritage online. [More ▶](#)

2011-01-07 LIDO v. 1.0

LIDO v1.0 has been released at CIDOC's annual meeting 2010 in Shanghai. [More ▶](#)

2010-12-20 Europeana Search API

Europeana is monitoring the interest from the project partners for this API. Should partners be interested and have the time to implement the Europeana API by February 2011, they can benefit from the attention from the official launch next year February. [More ▶](#)

2010-12-14 ATHENA biggest aggregator for Europeana

co-funded by the European Union

Europeana
think culture

Michael
Multilingual
Inventory
of Cultural Heritage
in Europe

minerva
eEurope

DC
NET

(24 di 24) - Appunti
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www.athenaeurope.org



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