



ATHENA

Access to cultural heritage
networks across Europe

eContentplus

Gordon McKenna
Collections Trust

ATHENA Project - LIDO

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Project Overview

Length (worth) : 30 months (€5.25m)

Background: Successor to Minerva (and MICHAEL)

Objectives:

- **Support and encourage the participation of museums in Europeana;**
 - **Coordinate standards and activities of museums across Europe;**
 - **Identify digital content present in European museums;**
 - **Work with other projects (not museums) contributing to Europeana;**
 - **Develop a 'plug-in' to be integrated within Europeana museum content.**
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Partners

Coordinator: Italy

Content providers : Belgium, Bulgaria, Cyprus, Czech Republic, Germany (x2), Estonia, Finland, France, Greece, Hungary (x2), Israel, Italy, Luxembourg, Latvia, Netherlands, Poland, Romania, Slovenia, Slovak Republic, UK

Dissemination: Azerbaijan, Belgium (x2), Netherlands, Russia, Slovak Republic

Evaluation: Italy

Technology provider: Czech Republic, France, Greece (x2), Sweden





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Work packages

- **WP1:** *Project management, monitoring and evaluation*
- **WP2:** *Awareness and dissemination*
- **WP3:** *Identifying standards and developing recommendations*
- **WP4:** *Integration of existing data structure into Europeana*
- **WP5:** *Coordination of contents*
- **WP6:** *Analysis of IPR issues and definition of possible solutions*
- **WP7:** *Development of plug-in to be integrated within Europeana*



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Metadata conclusions

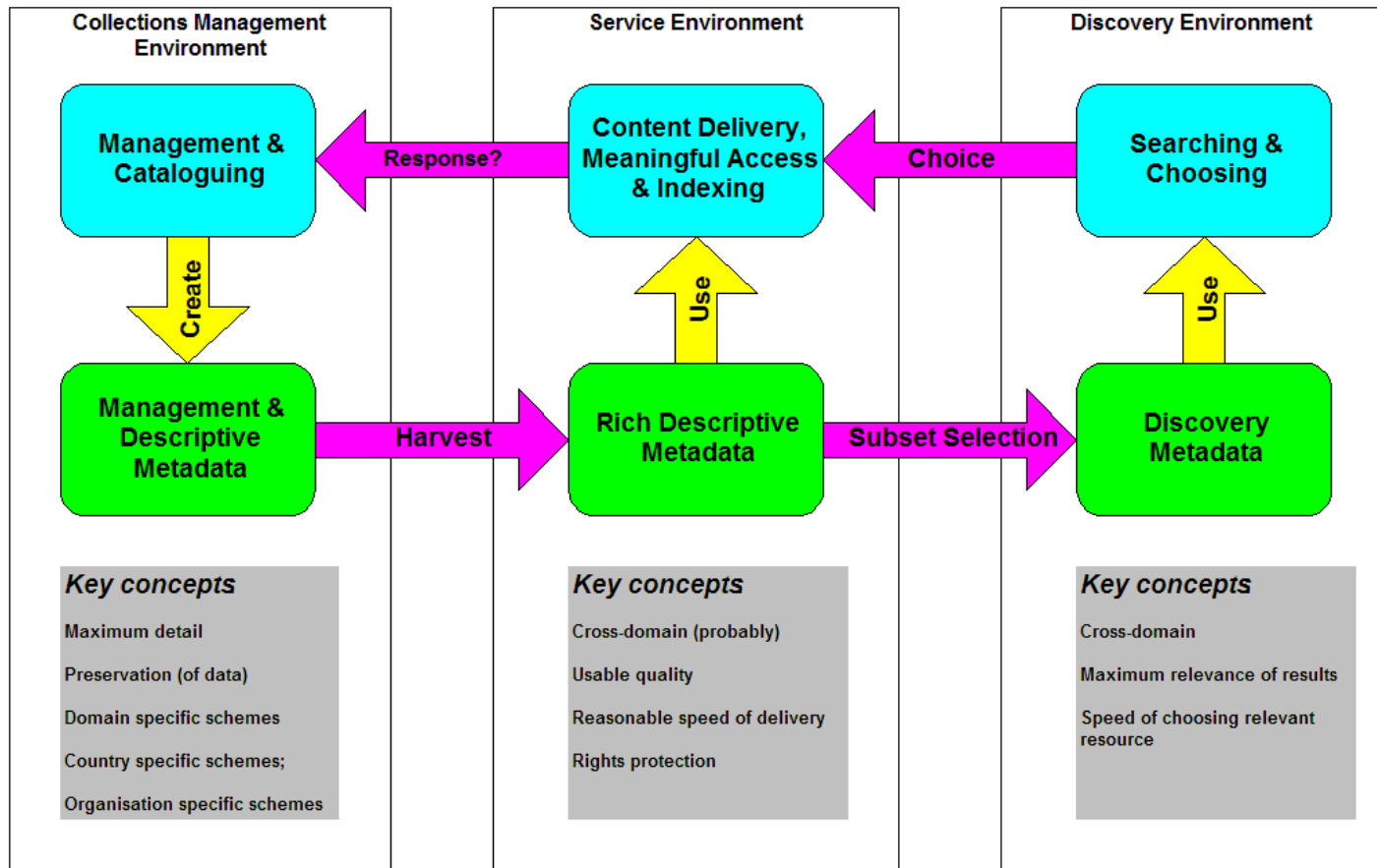
- ***Museum metadata standards are not much used by the other domains;***
- ***Museums use other domain metadata standards;***
- ***Dublin Core is a popular metadata scheme;***
- ***A significant number of museums (and organisations from other domains) use an in-house developed metadata schemes;***
- ***About half of collections are using adapted standards.***



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Metadata use environments





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Why LIDO?

- **Providing information to *many portals*;**
- **Difficulty, for the portal owner, information in *providers' systems*;**
- **Many *different metadata formats*;**
- **Time-consuming and costly to *integrate information*.**

Museums:

- **Tell stories**
- **About 'physical objects' (no definition)**
- **Connections to other 'entities' are important**

Computers are:

- **Stupid**
- **Fast**



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LIDO Genesis

- Initiated by **ATHENA** project based on **museum needs**
- Joint effort of the **existing metadata communities**
- **2 years of implementation and use of metadata**
- Further **ontology analysis**
- Requirements of **collection management standard**



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Sources for LIDO

- **CDWA Lite**
 - **Indexing** elements
 - **Display** elements
- **CIDOC CRM**
 - **Event-oriented** model
- **museumdat**
 - **Practical** implementation – BAM Portal
 - **All areas** of cultural material
- **SPECTRUM (XML)**
 - Entities recorded with **relationships**: events, people, persons, organisations, places, locations, objects and subjects
 - **Rights** fully described
 - Different **language** versions supported flexibly



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LIDO Overview

- **LIDO – Light Information Describing Objects**
- **Harvesting** schema - Not basis for a collection management system
- Delivering metadata for **service environment**: Online collections database; Portal; Aggregations (e.g. Europeana)
- **Full range** of descriptive information about museum objects
- Nested set of **wrapper** and **set** elements - culturally significant data organisation
- **Data** elements which hold the information
- Information about the **sources for data** and **controlled terminology**



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LIDO – Descriptive 1

LIDO Area	Information recorded
<i>Object Identification</i>	Basic information about the object: <ul style="list-style-type: none">• Title (or object name if no title) [mandatory];• Inscriptions – transcript and/or description;• Repository – the organisation that holds the physical object and its identifier;• Display and edition information – especially for prints;• Description – descriptive text;• Measurements.
<i>Object Classification</i>	Information about the type of object: <ul style="list-style-type: none">• Object name [mandatory];• Other classification terms for the object – e.g. form, age, sex, status and phase.
<i>Object Relations</i>	Relation of the object to: <ul style="list-style-type: none">• Its subject (content or visual) – concepts, actors, events, dates, places, events, and objects;• Other objects.



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LIDO – Descriptive 2

LIDO Area	Information recorded
Event	<p>Events that the object has taken part in, such as:</p> <ul style="list-style-type: none">• Creation;• Field collection;• Acquisition;• Exhibition;• Use, etc. <p>For each event, information, if relevant, about:</p> <ul style="list-style-type: none">• Event ID;• Event type;• Object's role in the event;• Event name;• Actors (persons and organisations);• Cultures involved;• Dates (or periods);• Places;• Event method;• Materials and techniques used;• Other objects present at the event;• Related events;• Description of the event.



LIDO – Administrative

LIDO Area	Information recorded
Rights Work	<p>Information about the rights associated with the object, metadata and the digital surrogate being harvested into the service environment (especially copyright):</p> <ul style="list-style-type: none">• Rights type;• Rights holder;• Rights dates;• Credit line.
Record	<p>Basic information about the record:</p> <ul style="list-style-type: none">• ID [mandatory];• Type;• Source;• Metadata about the record.
Resource	<p>Information about digital resource being supplied to the service environment (e.g. Europeana):</p> <ul style="list-style-type: none">• Link – URL of the resource;• Resource ID;• Relationship type – e.g. conservation, historical, reconstruction;• Resource type – its medium (e.g. x-ray);• Resource rights – of the resource where different from the object;• View description• View type – vantage point of the resource• View date• Resource source – if not from the holding organisation;• Related resources• Resource metadata location – pointer to other information about the resource.



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Implementing LIDO

- **Delivering content to Europeana:**
 - Support for **required data**: links, types, previews, providers
 - **Timetable** of delivery – Rhine and Danube
- **Close working with WP7:**
 - **Involvement** in LIDO development
 - Informed creation of **ATHENA system**
- **Use outside ATHENA:**
 - **MIMO** – musical instruments
 - **Europeana Judaica** – Jewish material
 - **National portals** – UK
 - **Europeana ?**



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Next Tasks and *deliverables*

- **Assessment of the requirement for persistent unique object, collection and institution identifiers:**
 - *Assessment of requirements for persistent identification of objects, collections and institutions*
 - *Technical and policy infrastructure to support persistent identifiers*



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Important addresses

<http://www.athenaeurope.org>

gordon@collectionstrust.org.uk