Von museumdat zu LIDO

-

Aktuelles aus der Praxis

AG Datenaustausch / FG Dokumentation im DMB

Regine Stein – Bildarchiv Foto Marburg

CIDOC

CDWA Lite museumDAT SPECTRUM

Von museumdat zu LIDO

Aktuelles aus der Praxis

Entwicklung von LIDO:
Formate zur Bereitstellung von Museumsobjektdaten

2006

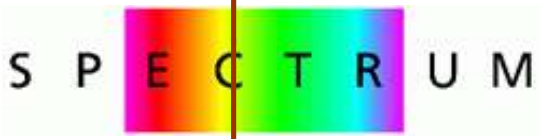
Harvestingformat CDWA Lite veröffentlicht

2007

Verallgemeinerung für beliebige Objektarten zu museumdat

2008

CDWA Lite / museumdat Arbeitsgruppe: Arbeit am gemeinsamen Format begonnen



2009

ATHENA-Projekt: Vergleich vorliegender Harvestingformate, SPECTRUM kommt an Bord

2010

LIDO – Lightweight Information Describing Objects

LIDO
Lightweight Information Describing Objects

- XML Schema for Contributing Content to Cultural Heritage Repositories
- Ergebnis einer gemeinsamen Initiative der CDWA Lite, museumdat and Spectrum Entwickler
- Genügt den Anforderungen zur Publikation von Objektdaten zu Sammlungsobjekten verschiedenster Art
- Integriert die publikationsrelevanten Konzepte von CDWA Lite, museumdat and Spectrum in ein einziges, gemeinsames Schema

LIDO
Konstruktionsprinzipien

- Bereitstellung von Metadaten und Fotos zu einem Objekt
- Datensatz soll vollständige Information enthalten
- Wenige Pflichtangaben, jedoch semantisch reichhaltiges Format
- Verlinkung in den „Heim-“ Kontext
- Unterscheidung von Anzeige- und Index-Elementen
- Möglichkeit zur Referenzierung kontrollierter Vokabulare

LIDO

11 Deskriptive Informationsgruppen

3 Administrative Informationsgruppen

- Object Classifications –

Object / Work Type (*mandatory*)

Classification

-Object Identifications –

Title / Name (*mandatory*)

Inscriptions

Repository / Location

State / Edition

Object Description

Measurements

-Events –

Event Set

-Relations –

Subject Set

Related Work

-Administrative Me

Rights

Record (*mandat*

Resource

Events in LIDO

Event

–Event Identifier

–Event Type

–Role in Event

–Event Name

–Event Actor

–Culture

–Event Date

–Event Place

–Event Method

–Materials / Technique

–Thing Present

–Event Related

–Event Description

Ereignisse in LIDO

Event

–Event Identifier

–**Event Type**

–Role in Event

–Event Name

–**Event Actor**

–Culture

–**Event Date**

–**Event Place**

–Event Method

–Materials / Technique

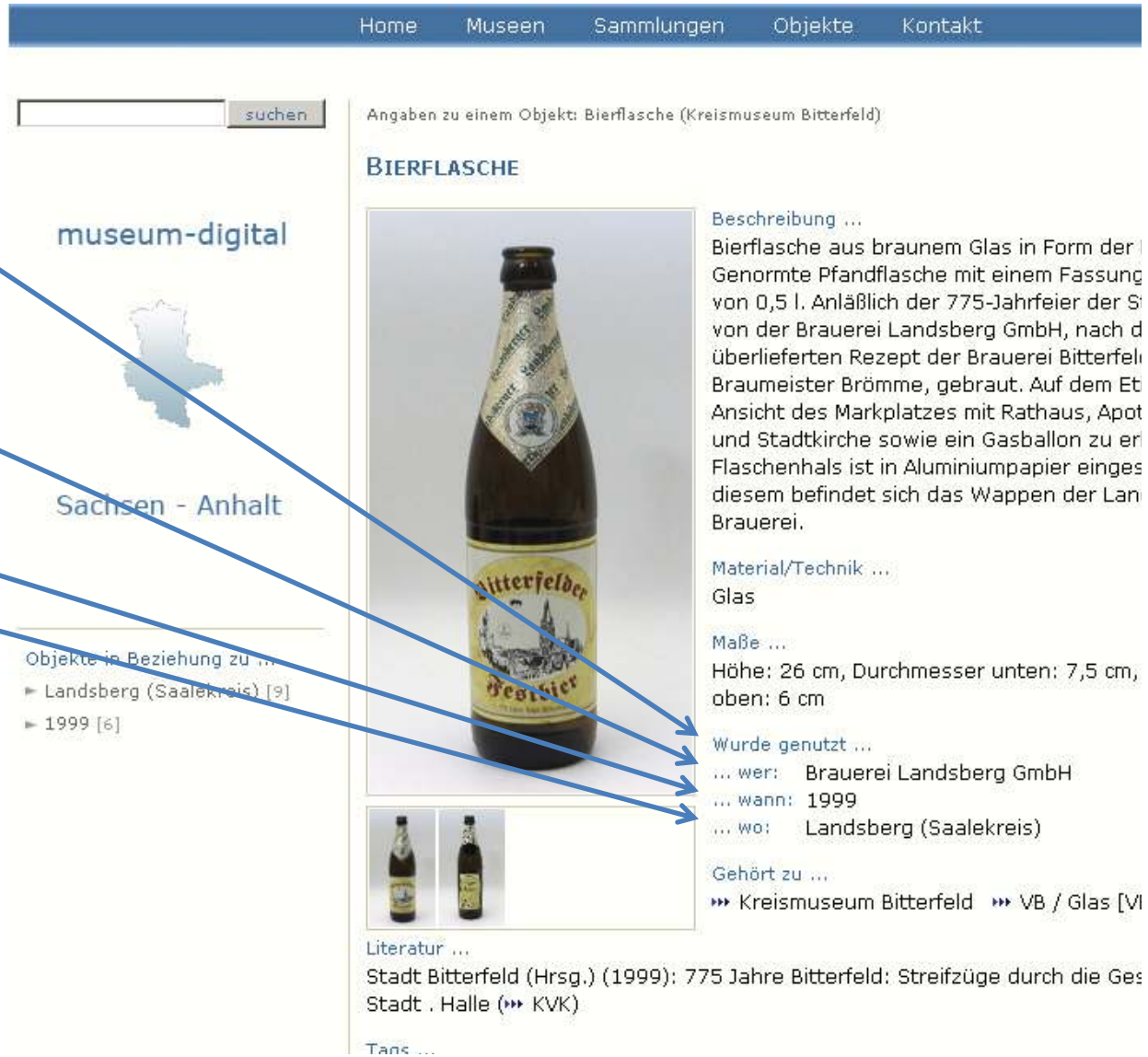
–Thing Present

–Event Related

–Event Description

Bierflasche

Kreismuseum Bitterfeld



Ereignisse in LIDO

Event

–Event Identifier

–Event Type

–Role in Event

–Event Name

–Event Actor

–Culture

–Event Date

–Event Place

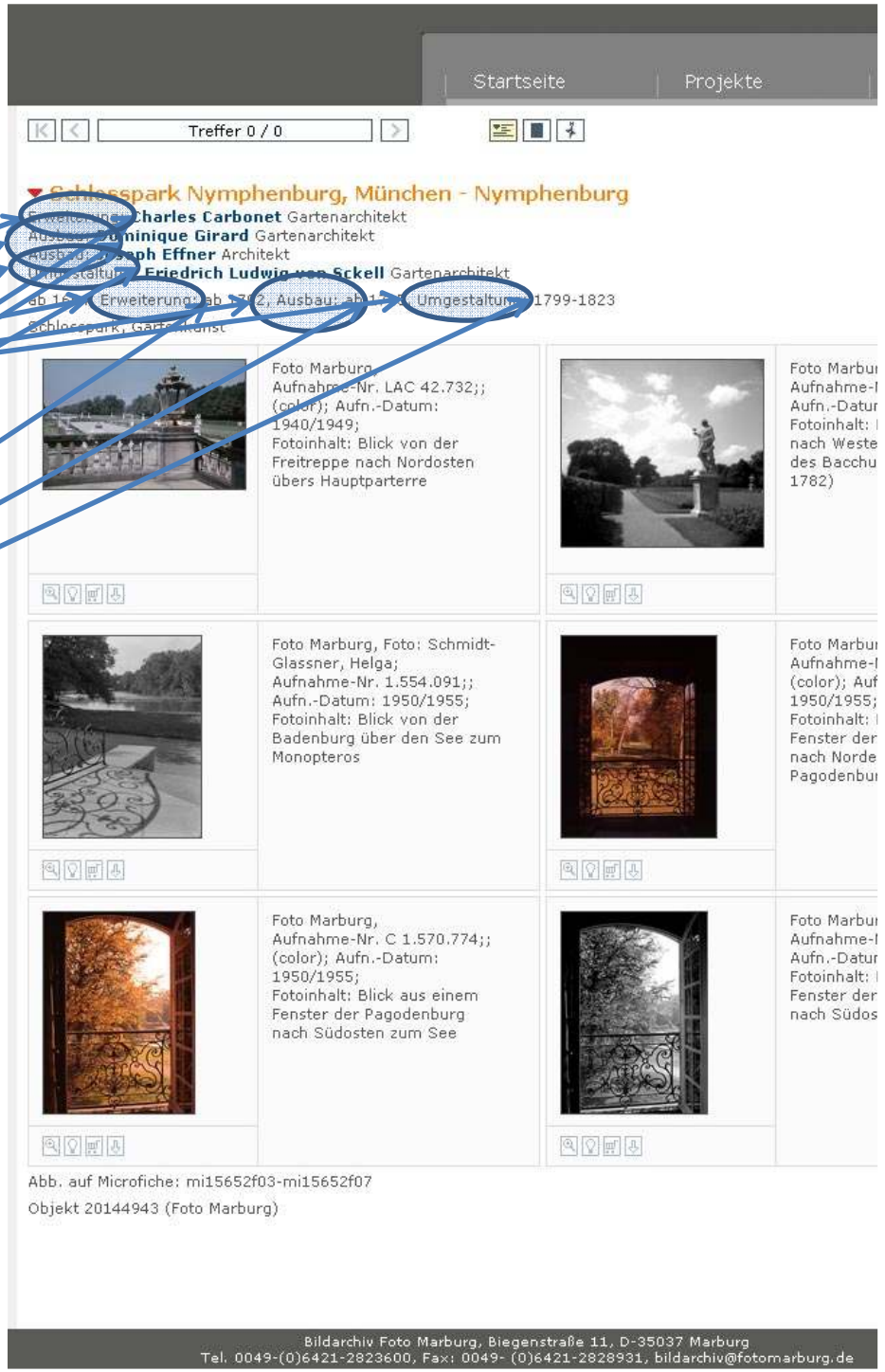
–Event Method

–Materials / Technique

–Thing Present

–Event Related

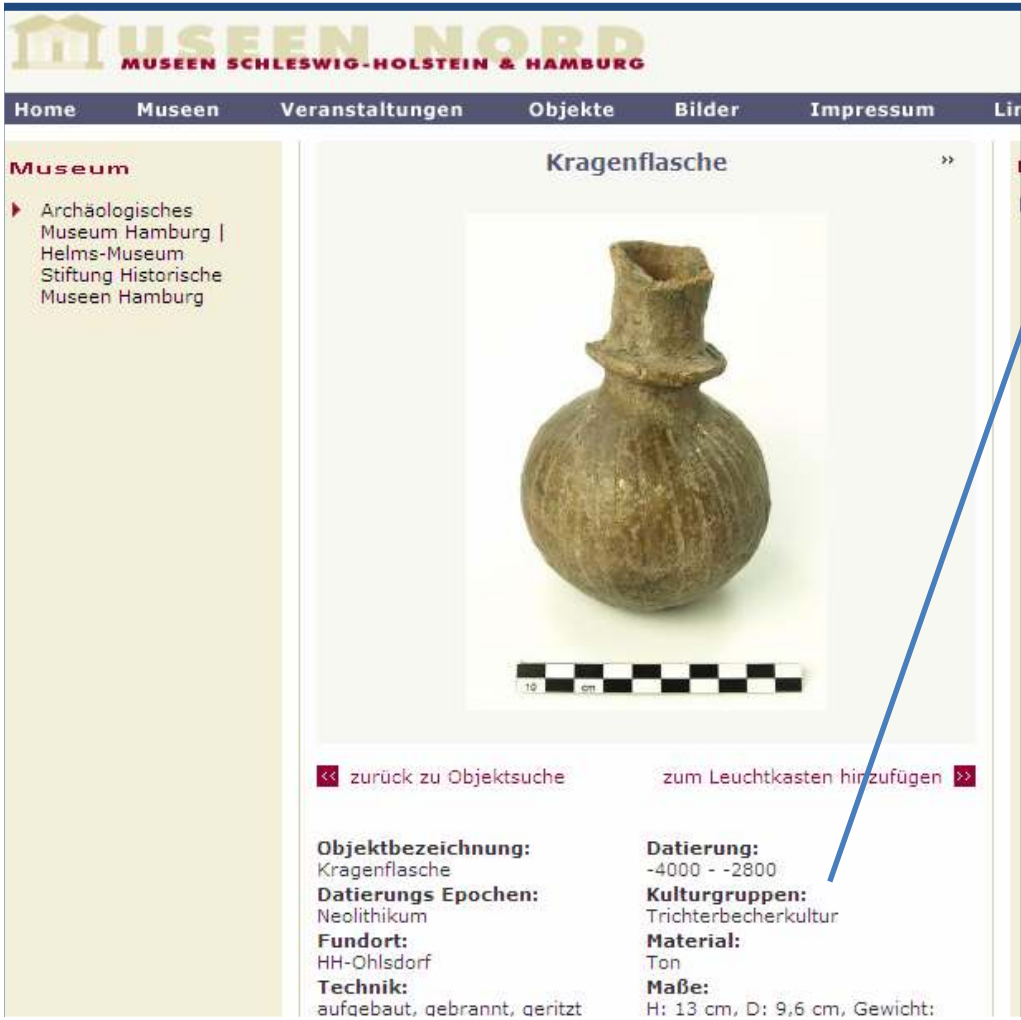
–Event Description



Ereignisse in LIDO

Kragenflasche

Helms Museum Harburg, Stiftung Historische Museen Hamburg



objectWorkType: **Kragenflasche**

event
- eventType **Herstellung**
- culture **Trichterbecherkultur**
- eventDate
  - earliestDate **-4000**
  - latestDate **-2800**
  - periodName **Neolithikum**

event
- eventType **Fund**
- eventPlace
  - displayPlace **HH-Ohlsdorf, Friedhof**
  - place
    - namePlace **Friedhof Ohlsdorf**
    - partOfPlace
      - namePlace **Ohlsdorf**
      - partOfPlace
        - namePlace **Hamburg**

LIDO
11 Deskriptive Informationsgruppen
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Measurements

-Events –

Event Set

-Relations –

Subject Set

Related Works

-Administrative Metad

Rights

Record (*mandatory*

Resource

Content / Subject in LIDO

Subject

–Extent Subject

–Subject Concept

–Subject Actor

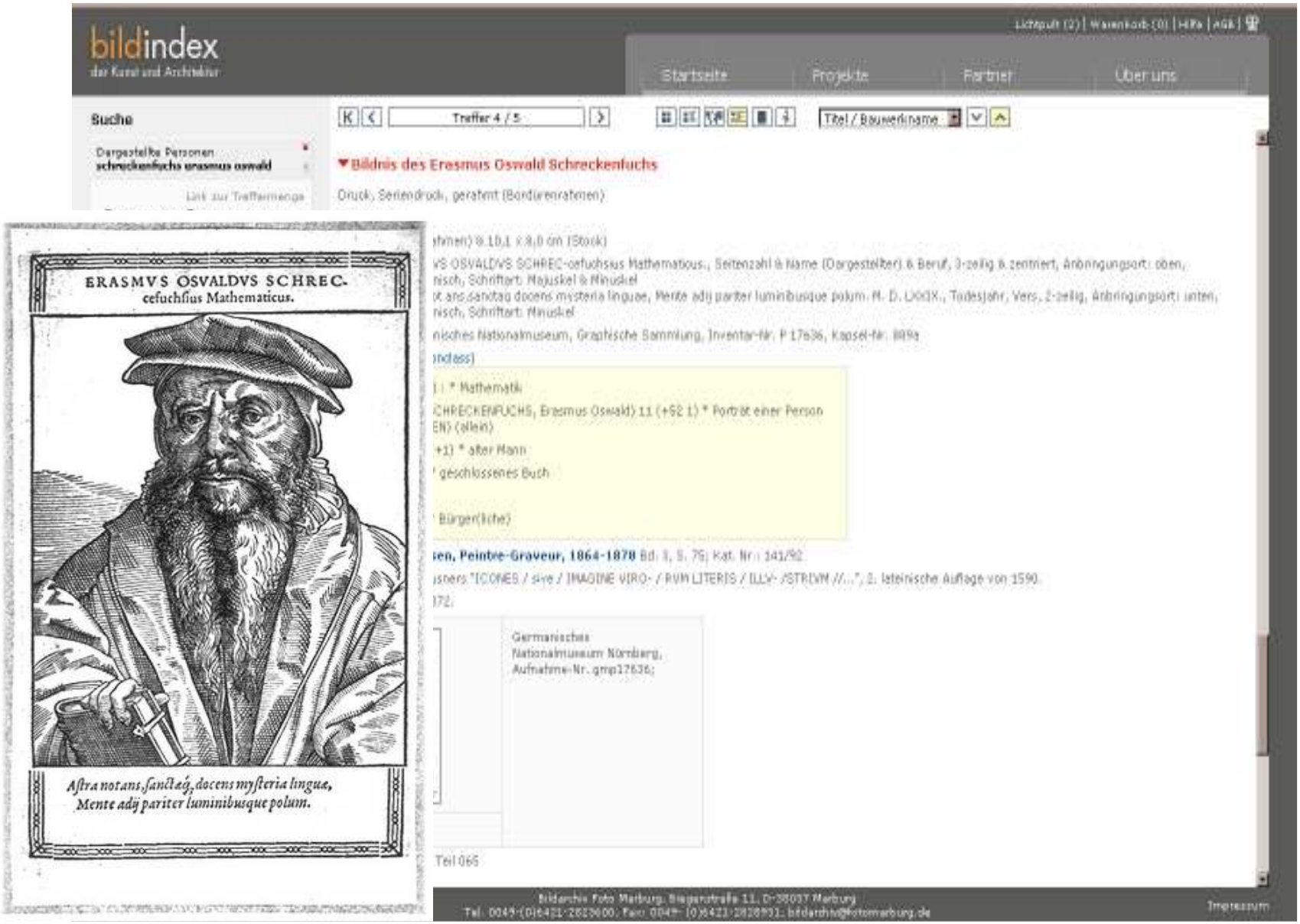
–Subject Date

–Subject Place

–Subject Event

–Subject Object

Themen / (Bild-) Inhalte in LIDO



Themen / (Bild-) Inhalte in LIDO

Subject

–Extent Subject

–Subject Concept

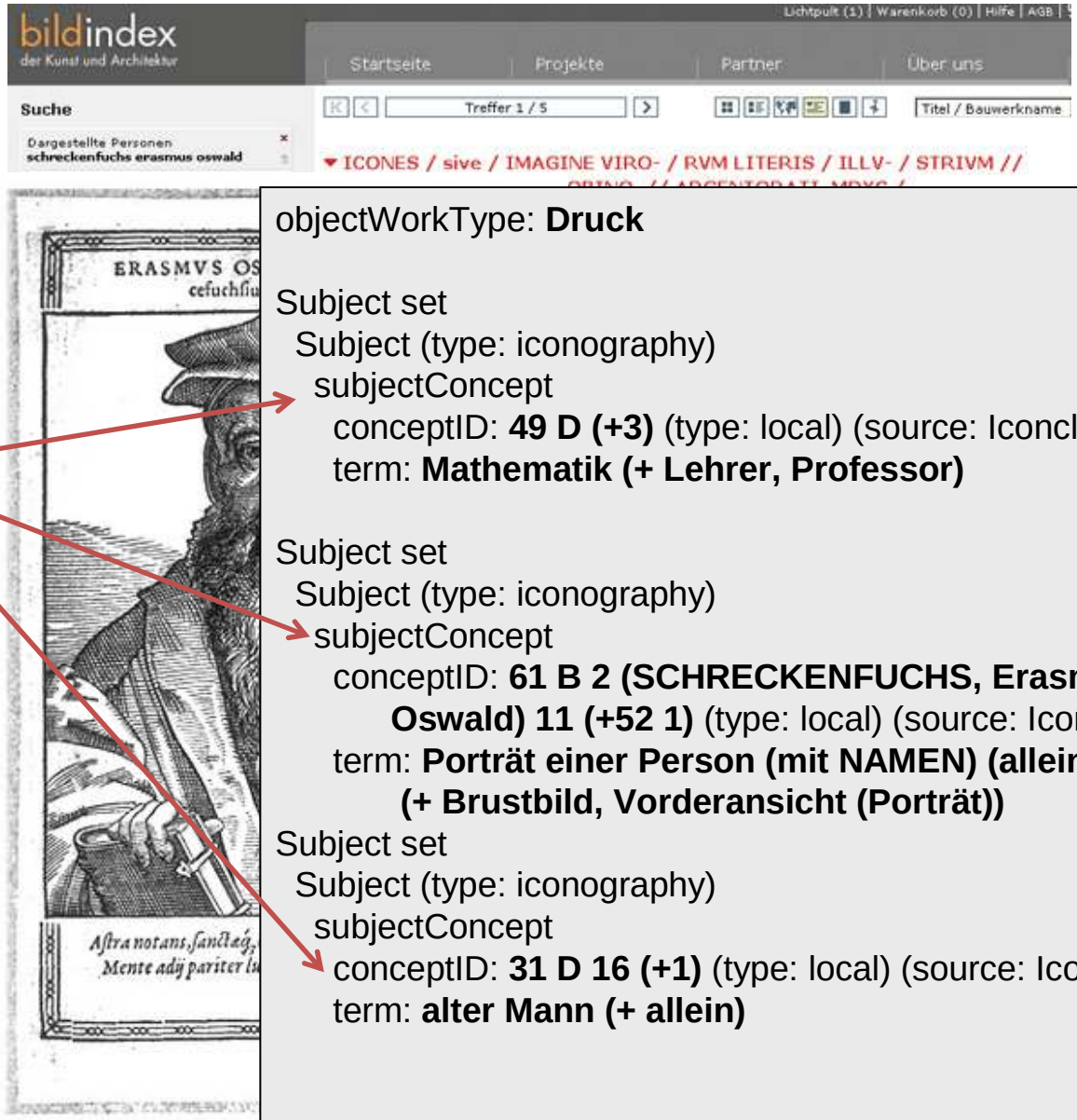
–Subject Actor

–Subject Date

–Subject Place

–Subject Event

–Subject Object



objectWorkType: **Druck**

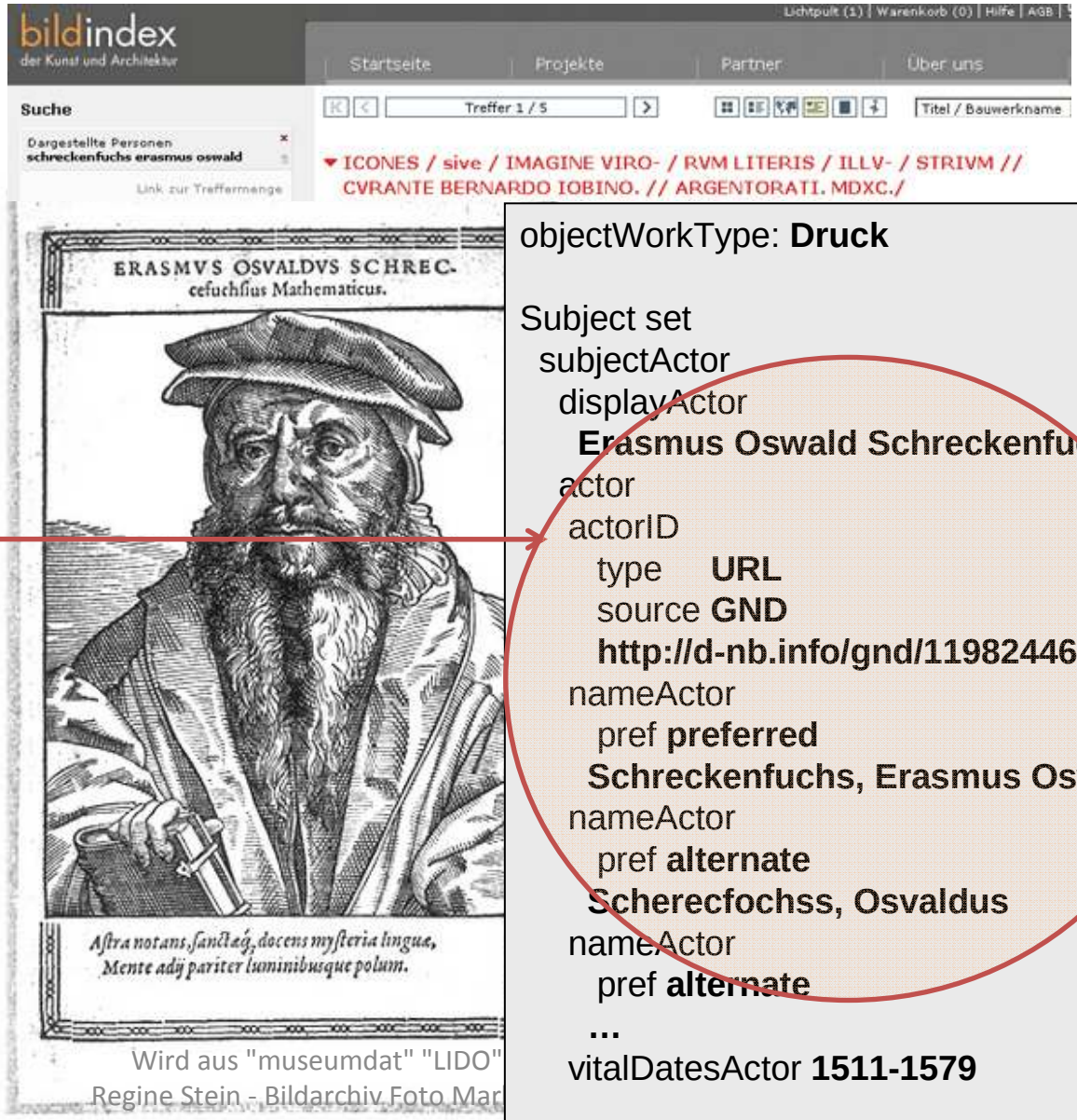
Subject set
  Subject (type: iconography)
    subjectConcept
      conceptID: **49 D (+3)** (type: local) (source: Iconclass)
      term: **Mathematik (+ Lehrer, Professor)**

Subject set
  Subject (type: iconography)
    subjectConcept
      conceptID: **61 B 2 (SCHRECKENFUCHS, Erasmus Oswald) 11 (+52 1)** (type: local) (source: Iconclass)
      term: **Porträt einer Person (mit NAMEN) (allein) (+ Brustbild, Vorderansicht (Porträt))**

Subject set
  Subject (type: iconography)
    subjectConcept
      conceptID: **31 D 16 (+1)** (type: local) (source: Iconclass)
      term: **alter Mann (+ allein)**

Themen / (Bild-) Inhalte in LIDO

Subject
–Extent Subject
–Subject Concept
–Subject Actor
–Subject Date
–Subject Place
–Subject Event
–Subject Object



objectWorkType: **Druck**

Subject set
subjectActor
displayActor
Erasmus Oswald Schreckenfuchs
actor
actorID
type **URL**
source **GND**
http://d-nb.info/gnd/119824469
nameActor
pref **preferred**
Schreckenfuchs, Erasmus Oswald
nameActor
pref **alternate**
Scherecfochss, Osvaldus
nameActor
pref **alternate**
...
vitalDatesActor **1511-1579**

CIDOC

CDWA Lite museumDAT SPECTRUM

Von museumdat zu LIDO

-

Aktuelles aus der Praxis

LIDO in ATHENA

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ATHENA
Access to cultural heritage networks across Europe

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SHARE

WP3 - Identifying standards and developing recommendations

The main objective of this WP will be to review the different standards in use by museums, facilitate their mapping to a common metadata standard and assess the requirements for the persistent identification of digital objects and collections. WP3 will also produce tools to support the convertion of museums data into the common harvesting format for Europeana.

Coordinated by:

- Royal Museums of Arts and History (RMAH), Belgium
- Collections Trust, United Kingdom

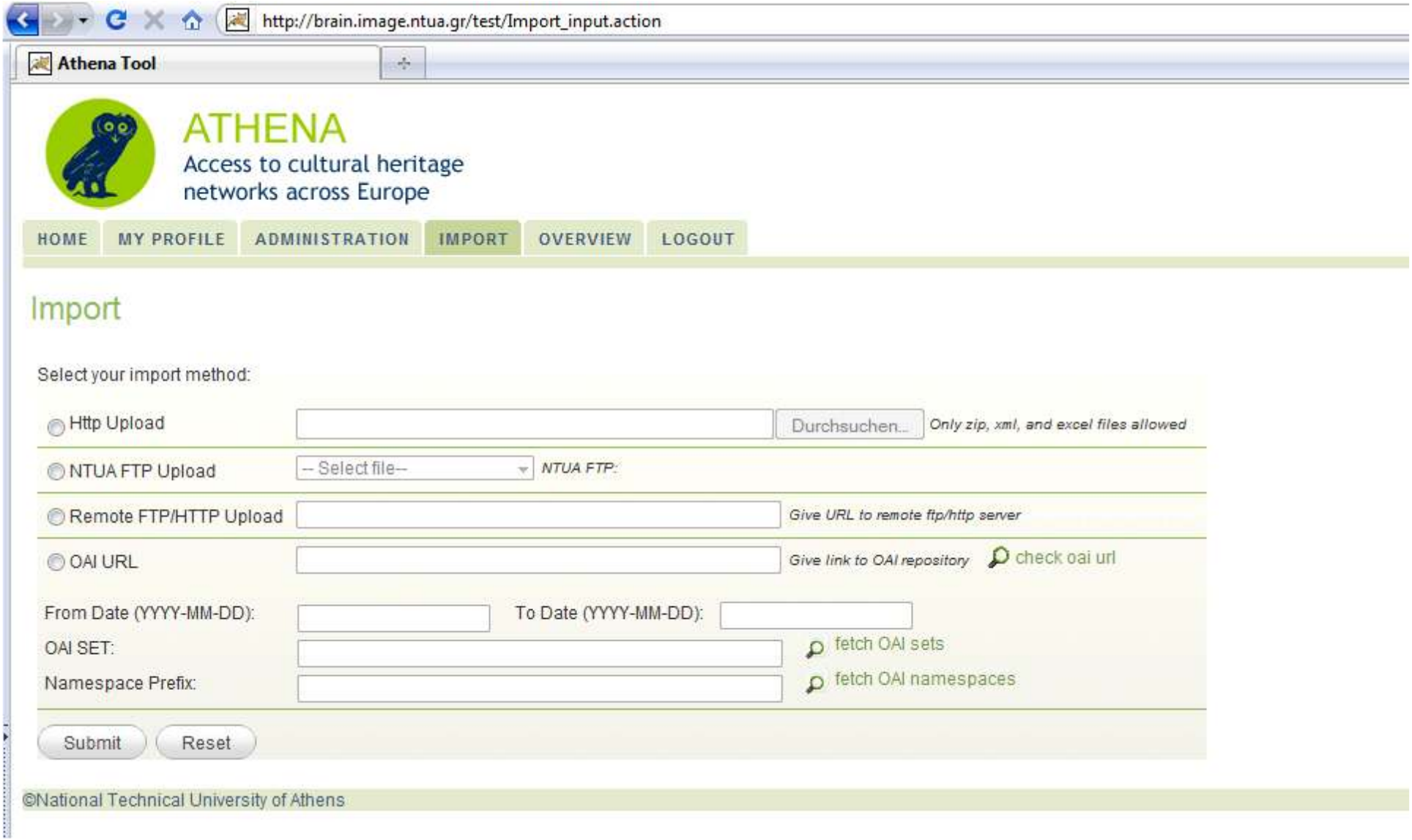
WP7 - Development of plug-ins to be integrated within the European Digital Library

The objective of this WP is to exploit and integrate existing tools and technologies in order to create a technical framework, aiming to support the access to digital contents of European museums through Europeana.

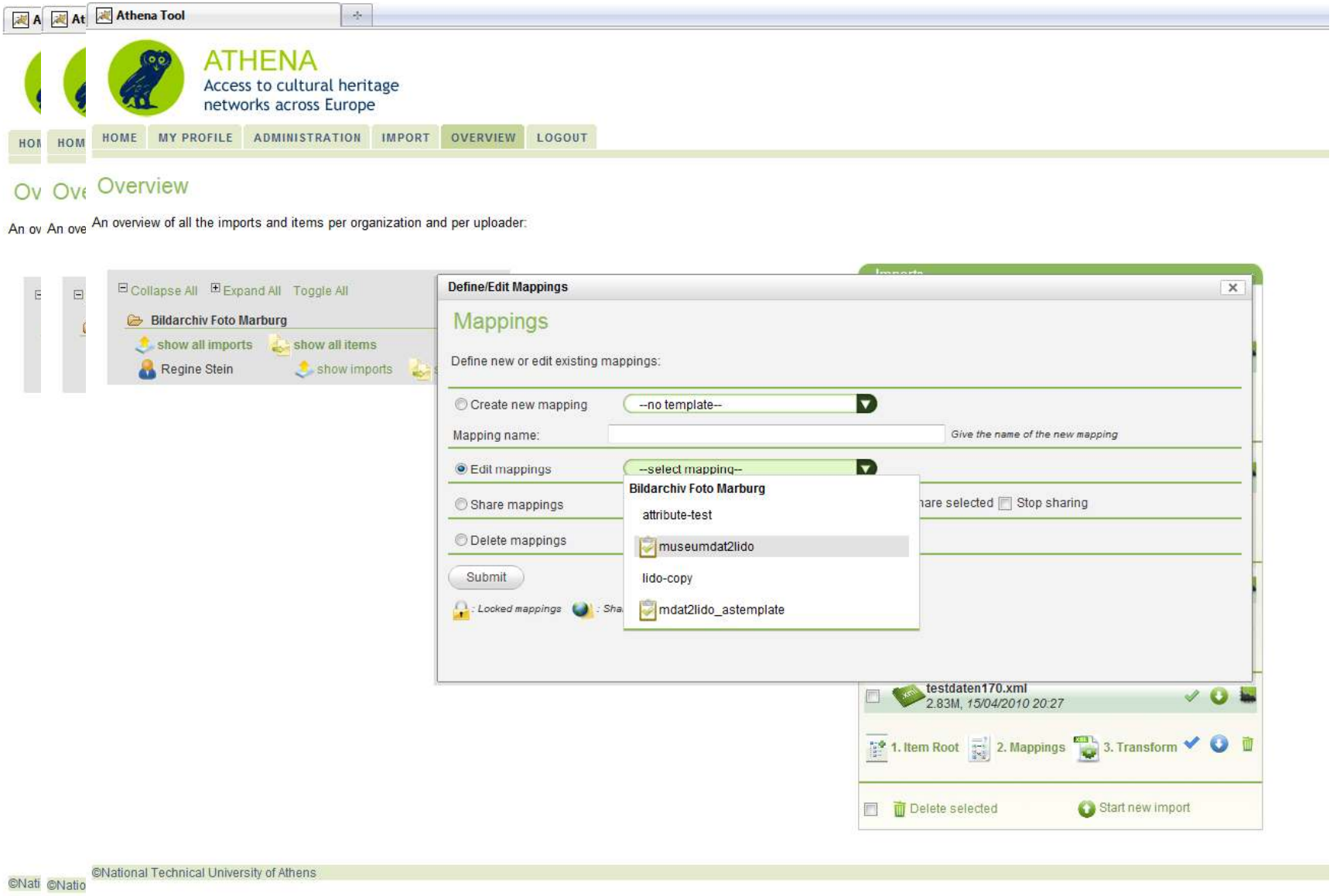
Coordinated by:

- Institute of Communication and Computer Systems-National Technical University of Athens), ICCS-NTUA, Greece
- Ministrstvo za Kulturo Republike Slovenije (MKRS), Slovenia

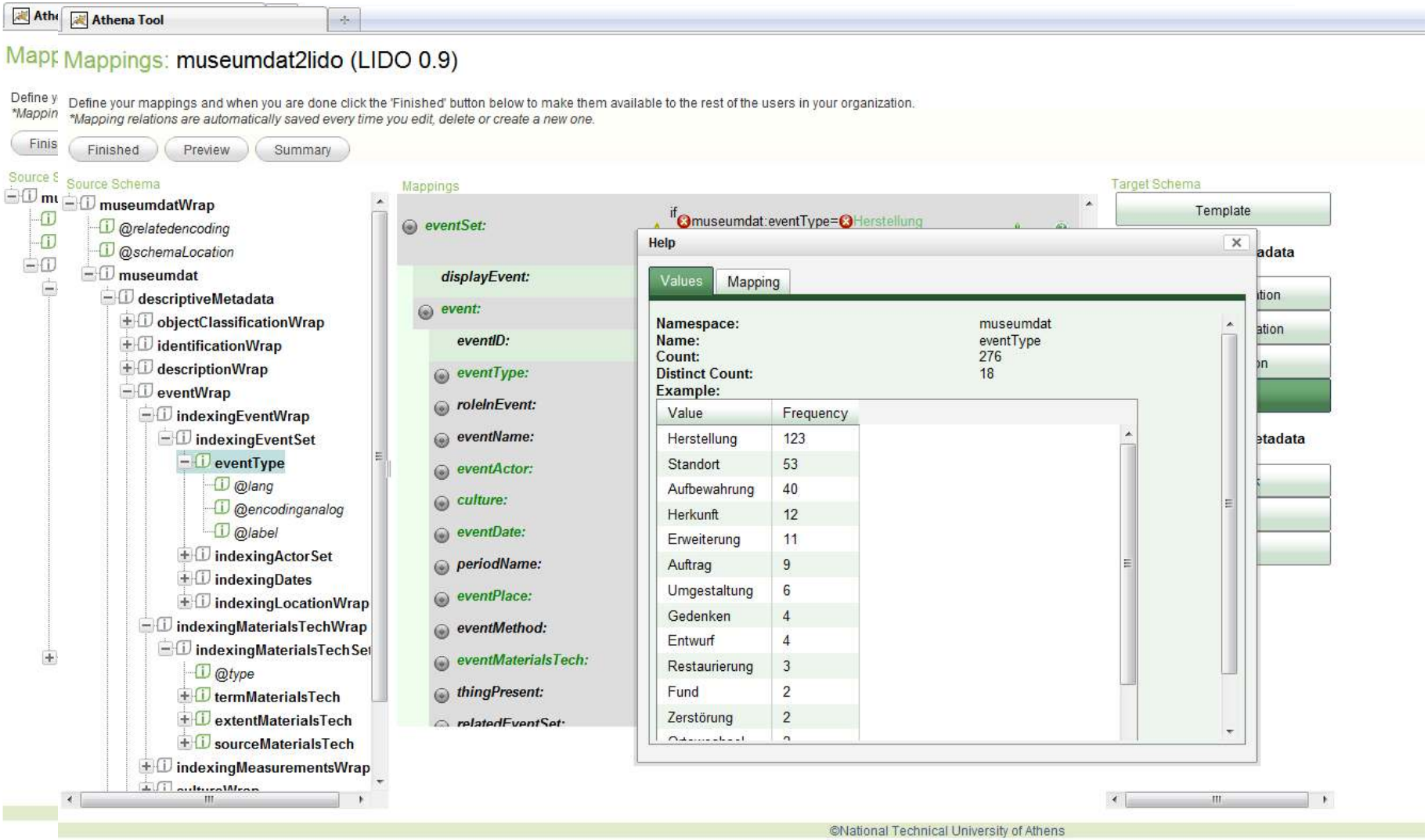
LIDO in ATHENA



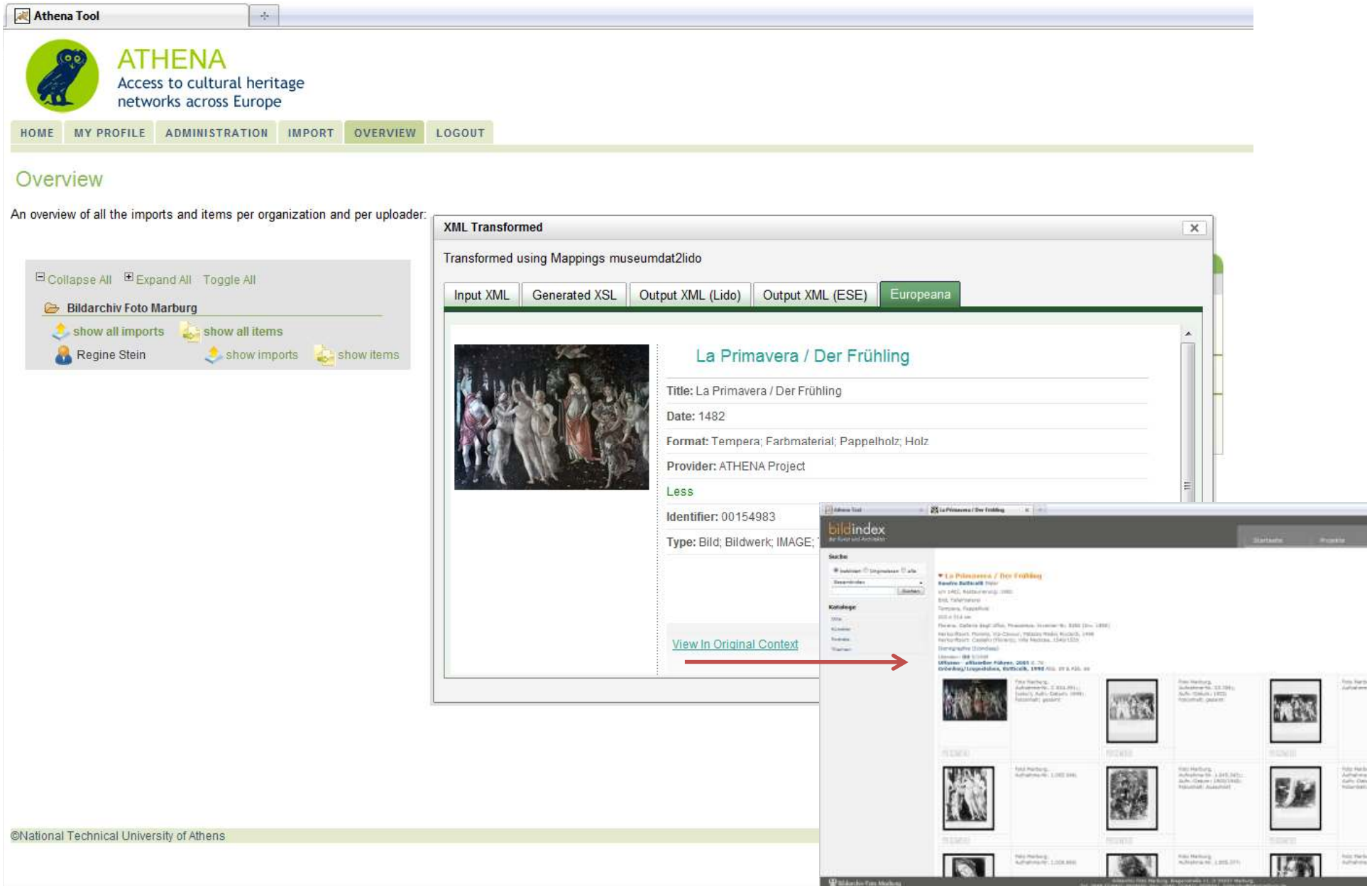
LIDO in ATHENA



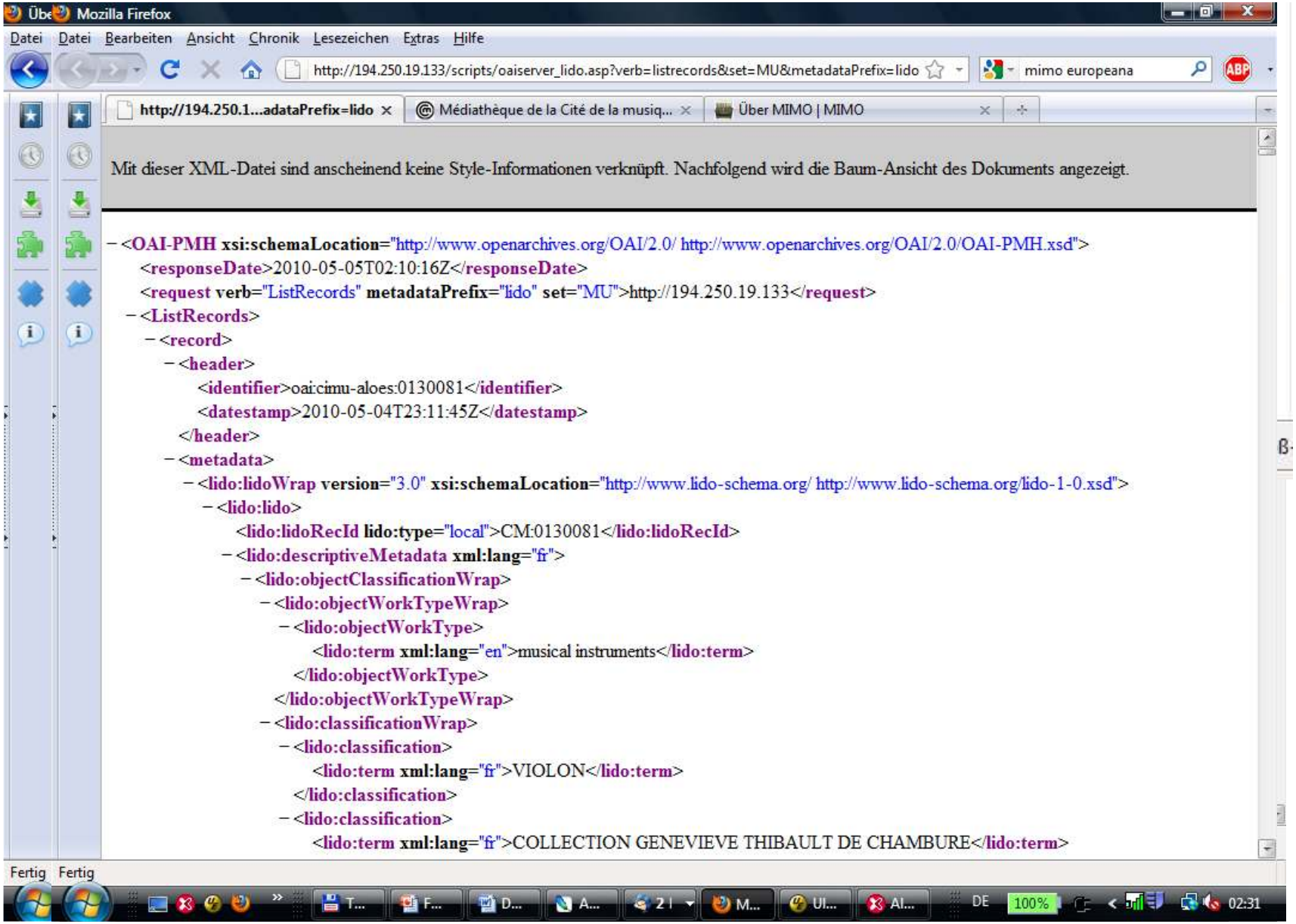
LIDO in ATHENA



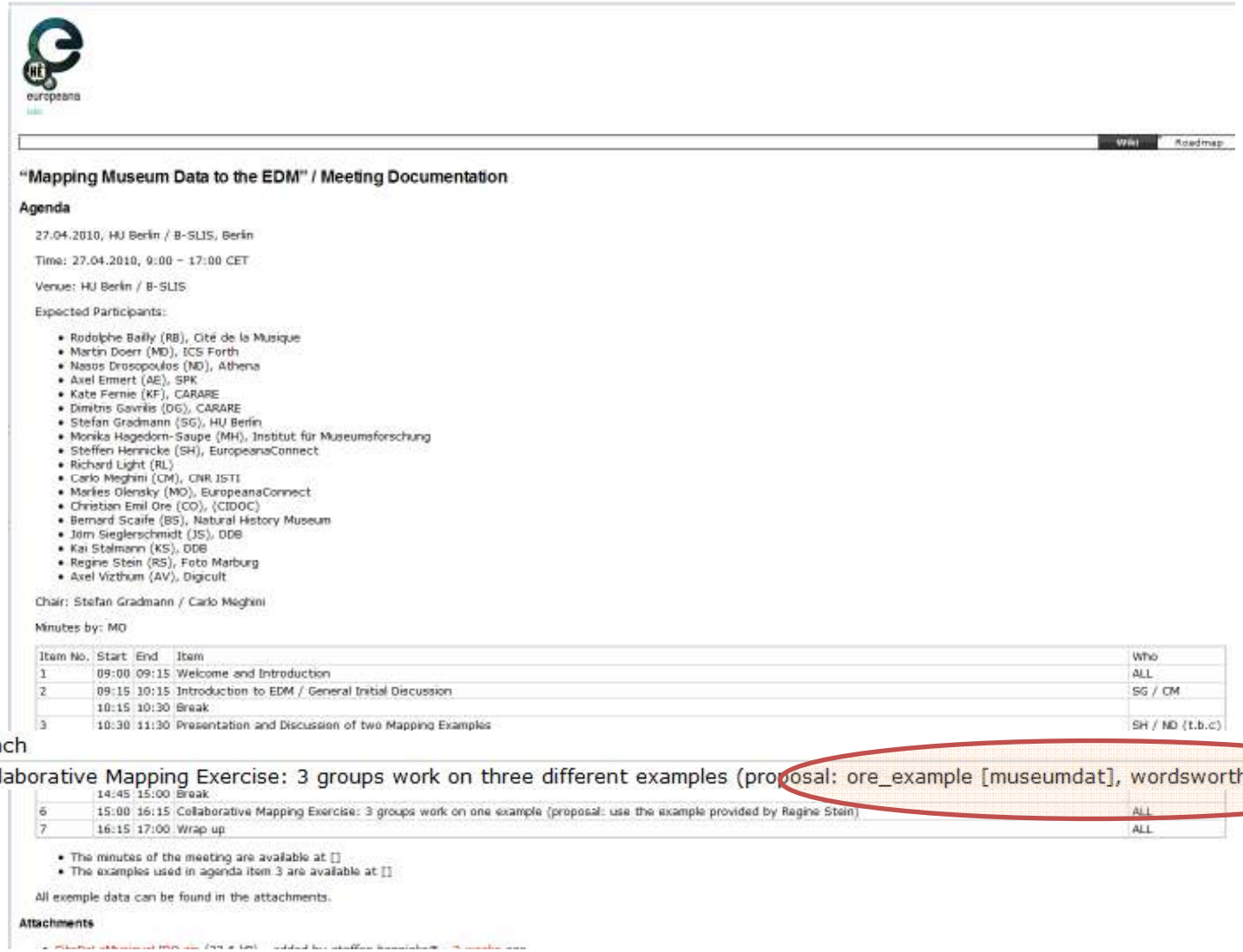
LIDO in ATHENA



LIDO in MIMO: Musikinstrumente online



LIDO und Europeana:
Entwicklung des Europeana Data Model



europeana

Wiki | Roadmap

"Mapping Museum Data to the EDM" / Meeting Documentation

Agenda

27.04.2010, HU Berlin / B-SLIS, Berlin

Time: 27.04.2010, 9:00 – 17:00 CET

Venue: HU Berlin / B-SLIS

Expected Participants:

- Rodolphe Bailly (RB), Cité de la Musique
- Martin Doerr (MD), ICS Forth
- Nasos Drosopoulos (ND), Athena
- Axel Ermert (AE), SPK
- Kate Fernie (KF), CARARE
- Dimitris Gavrilis (DG), CARARE
- Stefan Gradmann (SG), HU Berlin
- Monika Hagedorn-Saupe (MH), Institut für Museumsforschung
- Steffen Hennicke (SH), EuropeanaConnect
- Richard Light (RL)
- Carlo Meghini (CM), CNR ISTI
- Markes Olensky (MO), EuropeanaConnect
- Christian Emil Ore (CO), (CIDOC)
- Bernard Scaife (BS), Natural History Museum
- Jörn Sieglerschmidt (JS), DDB
- Kai Stalmann (KS), DDB
- Regine Stein (RS), Foto Marburg
- Axel Vizthum (AV), Digicult

Chair: Stefan Gradmann / Carlo Meghini

Minutes by: MO

Item No.	Start	End	Item	Who
1	09:00	09:15	Welcome and Introduction	ALL
2	09:15	10:15	Introduction to EDM / General Initial Discussion	SG / CM
	10:15	10:30	Break	
3	10:30	11:30	Presentation and Discussion of two Mapping Examples	SH / ND (t.b.c)
	11:30	12:30	Lunch	
4	12:30	14:45	Collaborative Mapping Exercise: 3 groups work on three different examples (proposal: ore_example [museumdat], wordsworth_lido [lido], CiteDeLaMusique [MODS]	
	14:45	15:00	Break	
6	15:00	16:15	Collaborative Mapping Exercise: 3 groups work on one example (proposal: use the example provided by Regine Stein)	ALL
7	16:15	17:00	Wrap up	ALL

- The minutes of the meeting are available at []
- The examples used in agenda item 3 are available at []

All exemple data can be found in the attachments.

Attachments

LIDO: Aktuelle Entwicklungen

CIDOC

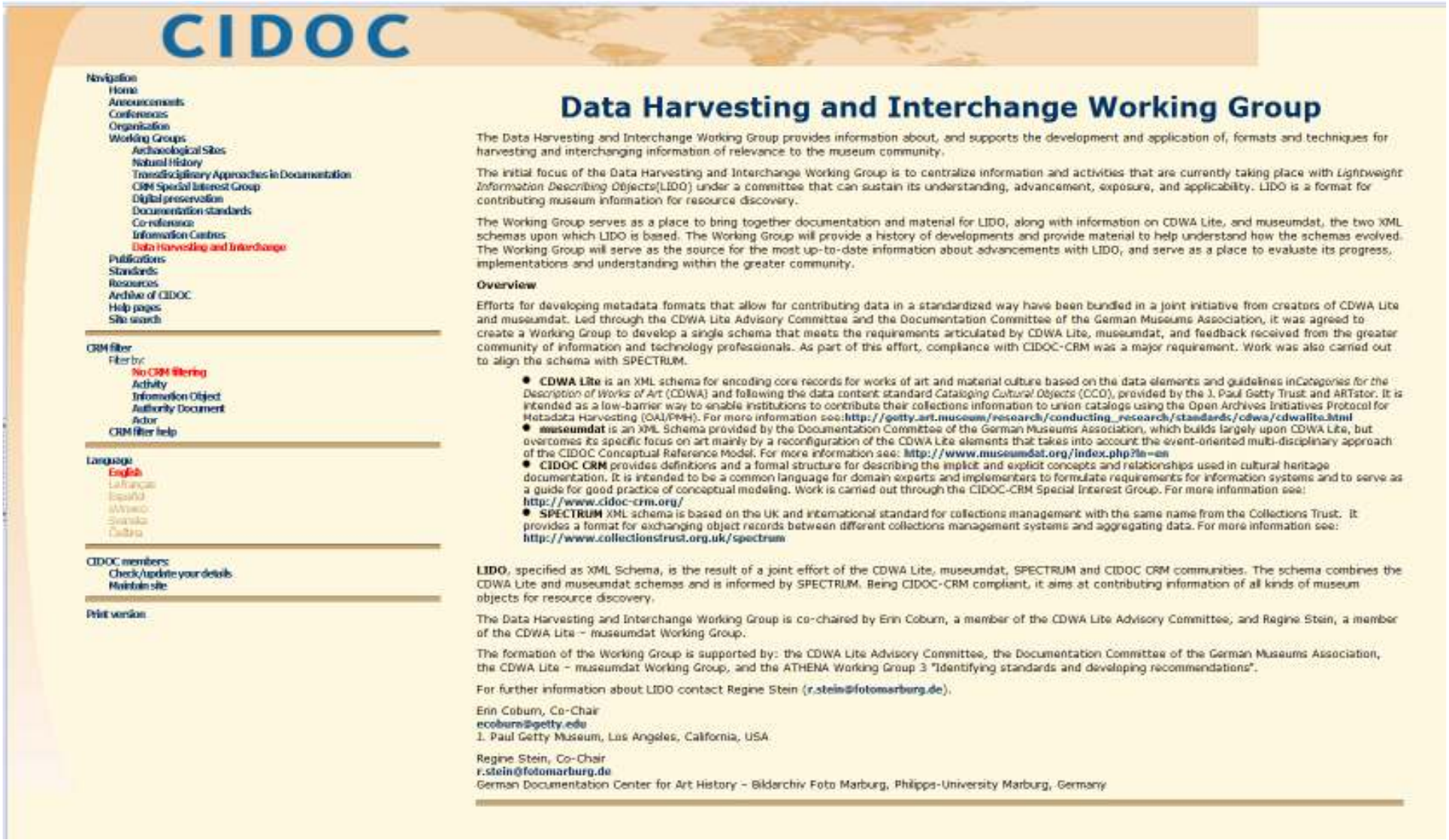
"ICOMs International Committee for Documentation, provides the museum community with advice on good practice and developments in museum documentation."

- September 2009: Gründung der CIDOC Working Group „Data harvesting and interchange"

  Chairs:
  Erin Coburn (CDWA Lite Advisory Committee / Getty Museum)
  Regine Stein (AG Datenaustausch / Bildarchiv Foto Marburg)

➢ Zusammenführung der Arbeit unter dem CIDOC-Dach

LIDO: Aktuelle Entwicklungen



CIDOC

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- Organization
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  - Transdisciplinary Approaches in Documentation
  - CRM Special Interest Group
  - Digital preservation
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  - Co-reference
  - Information Centres
  - Data Harvesting and Interchange
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CRM filter
Filter by:
- No CRM filtering
- Activity
- Information Object
- Authority Document
- Actor

CRM filter help

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- Check/update your details
- Maintain site

Print version

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.

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* (CCO), provided by the J. Paul Getty Trust and ARTstor. It is intended as a low-barrier way to enable institutions to contribute their collections information to union catalogs using the Open Archives Initiatives Protocol for Metadata Harvesting (OAI/PMH). For more information see:**http://getty.art.museum/research/conducting_research/standards/cdwa/cdwalite.html**
- **museumdat** is an XML Schema provided by the Documentation Committee of the German Museums Association, which builds largely upon CDWA Lite, but overcomes its specific focus on art mainly by a reconfiguration of the CDWA Lite elements that takes into account the event-oriented multi-disciplinary approach of the CIDOC Conceptual Reference Model. For more information see: **http://www.museumdat.org/index.php?la=en**
- **CIDOC CRM** provides definitions and a formal structure for describing the implicit and explicit concepts and relationships used in cultural heritage documentation. It is intended to be a common language for domain experts and implementers to formulate requirements for information systems and to serve as a guide for good practice of conceptual modeling. Work is carried out through the CIDOC-CRM Special Interest Group. For more information see: **http://www.cidoc-crm.org/**
- **SPECTRUM** XML schema is based on the UK and international standard for collections management with the same name from the Collections Trust. It provides a format for exchanging object records between different collections management systems and aggregating data. For more information see: **http://www.collectionstrust.org.uk/spectrum**

LIDO, specified as XML Schema, is the result of a joint effort of the CDWA Lite, museumdat, SPECTRUM and CIDOC CRM communities. The schema combines the CDWA Lite and museumdat schemas and is informed by SPECTRUM. Being CIDOC-CRM compliant, it aims at contributing information of all kinds of museum objects for resource discovery.

The Data Harvesting and Interchange Working Group is co-chaired by Erin Coburn, a member of the CDWA Lite Advisory Committee, and Regine Stein, a member of the CDWA Lite – museumdat Working Group.

The formation of the Working Group is supported by: the CDWA Lite Advisory Committee, the Documentation Committee of the German Museums Association, the CDWA Lite – museumdat Working Group, and the ATHENA Working Group 3 "Identifying standards and developing recommendations".

For further information about LIDO contact Regine Stein (**r.stein@fotomarburg.de**).

Erin Coburn, Co-Chair
ecoburn@getty.edu
J. Paul Getty Museum, Los Angeles, California, USA

Regine Stein, Co-Chair
r.stein@fotomarburg.de
German Documentation Center for Art History – Bildarchiv Foto Marburg, Philipps-University Marburg, Germany

LIDO: Aktuelle Entwicklungen

- Verankerung von LIDO / CIDOC CRM im Europeana Datenmodell
- Erste LIDO-Lieferungen an ATHENA / Europeana aus verschiedenen Sammlungsgebieten
- Sommer 2010: Fertigstellung der Dokumentation, öffentlicher Revisionsprozess bis zum Spätsommer
- Ziel: Veröffentlichung von LIDO 1.0 im November 2010 zur CIDOC-Jahreskonferenz

Von museumdat zu LIDO

-

Fazit: (fast) angekommen!

AG Datenaustausch / FG Dokumentation im DMB
CIDOC WG Data Harvesting and Interchange

Kontakt:
Monika Hagedorn-Saupe (m.hagedorn@smb.spk-berlin.de)
Regine Stein (r.stein@fotomarburg.de)
Axel Vitzthum (avitzthum@digicult.uni-kiel.de)