

Aggregation Models and Practices in Europe

The Belgian Example

Roxanne Wyns – LIBIS KU Leuven

What is cultural aggregation?

- Gathering digital content from cultural organisations
- Bring this together on the web by using standardised file and metadata formats
- Channel this digital data into regional, national, European portals such as Europeana

Variety of aggregation models

- Aggregation for Europeana
- Aggregation of all types of cultural resources on national (or regional) level
- Aggregation on national or regional level limited to a certain GLAM domain or theme

The Belgian situation

- Federal government: scientific institutes
- The communities
 - People & Culture
 - Movable & intangible heritage, libraries
- The regions
 - Territory
 - Monuments, archaeology, landscapes
- The provinces



Federal initiatives

- Discussions are limited to aggregation of federal digital cultural content
- PPP discussions and some ideas for research projects didn't reach maturity
- Some separate initiatives, mainly with a focus on aggregating content for Europeana

Flemish initiatives

- Feasibility study (December 2010) explores
 - Common interest in setting-up a cross-domain aggregator in Flanders
 - Needed resources and personnel
 - Technical solutions
 - Prerequisites
 - Sustainability

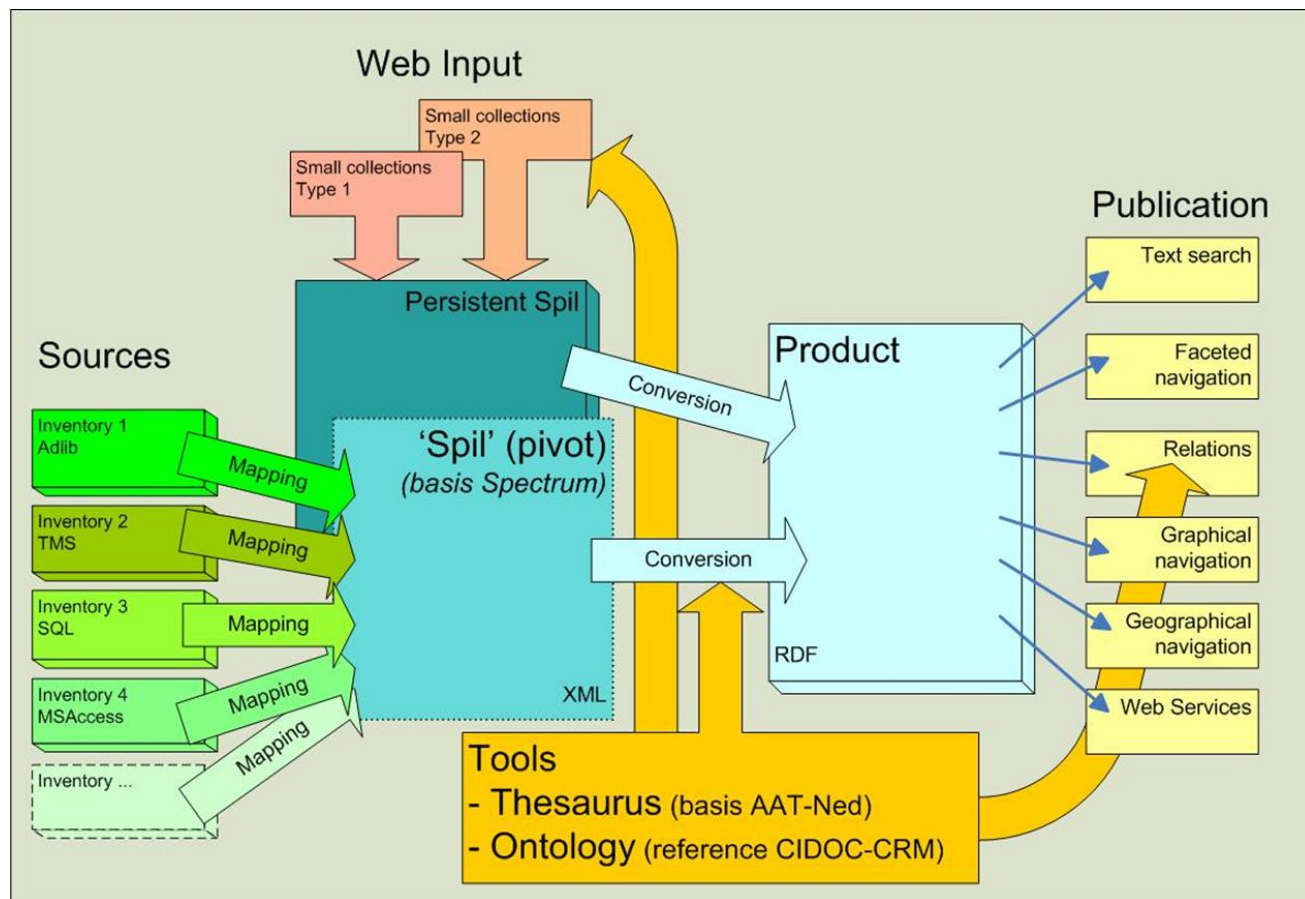
Flanders anno 2013

- No cross-domain aggregator so far
- Some ongoing and planned initiatives
 - ErfgoedPlus
 - VIAA
 - LIBIS

ErfgoodPlus.be

- Initiative from the province of Limburg
- Design in 2002, started in 2005
- Collecting existing digital information from all kinds of digital cultural heritage repositories
- Harmonize data structures and semantics
- Semantic web technology

Erfgoodplus.be architecture



*Acknowledgements to Jef Malliet,
Province of Limburg*



erfgoedplus.be
vind meer dan je zoekt

[over erfgoedplus.be](#)

[contact](#)

[help](#)

Welkom op Erfgoedplus.be!

Ga op ontdekkingsreis doorheen de nieuwe zoekwebsite voor erfgoed uit Limburg, Vlaams-Brabant en Leuven.

Op dit moment vind je hier vooral religieus en museaal erfgoed, maar de databank groeit voortdurend aan!

Kies voor een persoon, plaats, collectie, object of voor vrij zoeken en start met een zoekterm je zoektocht doorheen Erfgoedplus.be.

☐ **PERSOON** 
☐ **PLAATS** 
☒ **COLLECTIE** 
☐ **OBJECT** 
☐ **VRIJ ZOEKEN** 

ZOEKEN



erfgoedplus.be
vind meer dan je zoekt

[over erfgoedplus.be](#)

[contact](#)

[help](#)

Zoek hier naar erfgoed uit Limburg, Vlaams-Brabant en Leuven.

Verder zoeken

Collectie

ZOEKEN

Productie-eeuw

14 15 16 17 18 19 20 21

Suggesties

Object **ZOEK**

<input type="checkbox"/> etsen (prenten)	88
<input type="checkbox"/> kopergravures (prenten)	98
<input type="checkbox"/> lithografieën (prenten)	524
<input type="checkbox"/> schilderijen	1521
<input type="checkbox"/> tekeningen	151

[meer...](#)

Materiaal **ZOEK**

<input type="checkbox"/> canvas	933
<input type="checkbox"/> olieverf	1255
<input type="checkbox"/> papier (vezelproduct)	1344
<input type="checkbox"/> plakkaatverf	219

Filters

[nieuwe zoekopdracht](#)

Collectie  leuven

Zoekresultaat

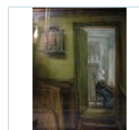
Sorteren



Titel - a-z

resultaat 1 - 10 van 4395




Titel: "In het Oude Woud"
Productiedatum: 1801 - 1900
Locatie: Centrale Bibliotheek (Leuven) 



Titel: "Five o' clock" in het Begijnhof in Leuven
Object: schilderijen 
Vervaardiger: kunstschilders: Maes, Paul Victor
Productiedatum: 1924 - 1955
Locatie: M (Leuven) 



Titel: "Tonvariator n° 3" met drukregulator
Object: audiometers 

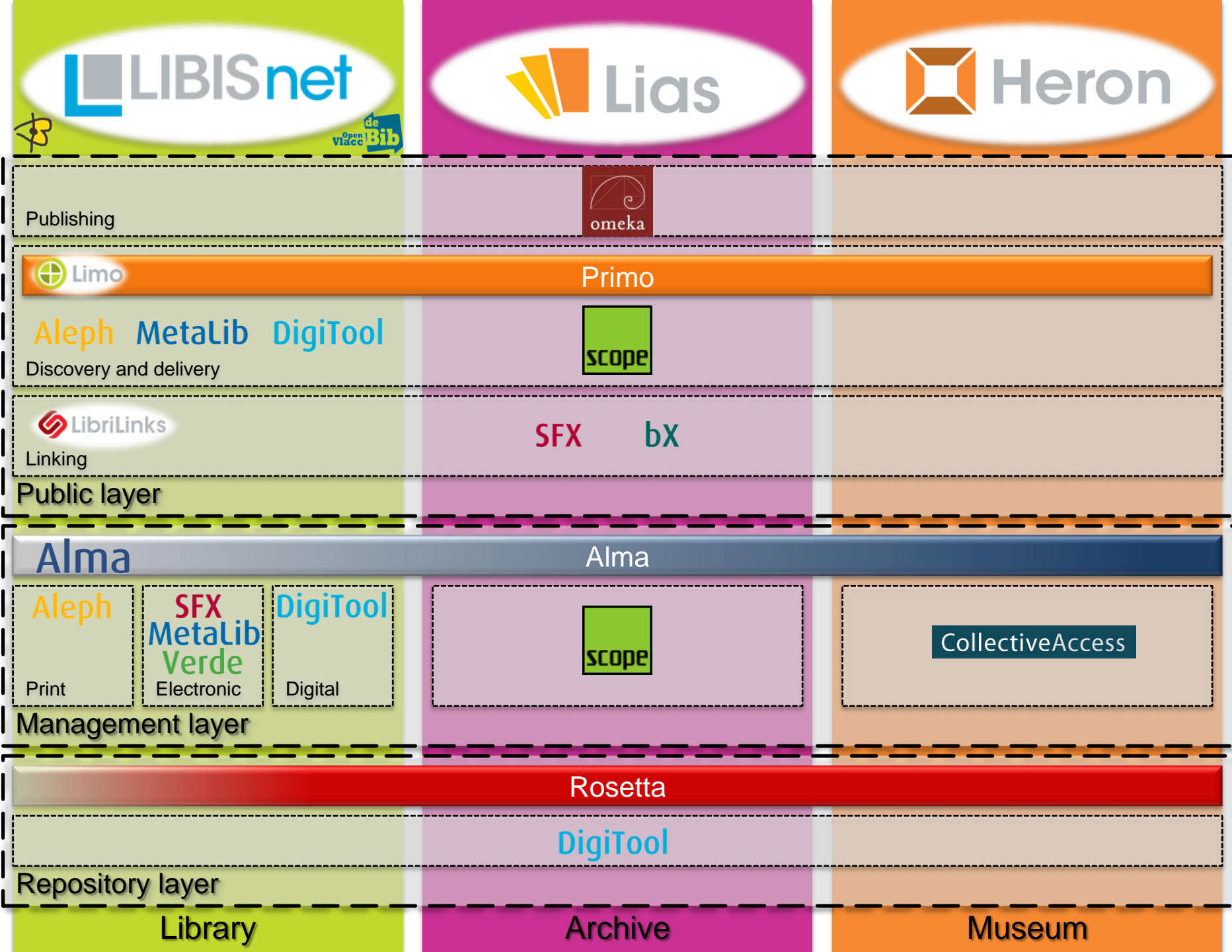
Collections from Limburg,
Flemish-Brabant and Leuven

VIAA

- A result of research projects like BOM-Vlaanderen (Media & Culture), Archipel(Culture), Flanders in vision (Media)
- Focusses on long-term preservation and accessibility of audio-visual material
- Project recently kick-off, first years will focus on audio-visual materials
- Culture might follow ... When?

LIBIS

- Library automation service of the KU Leuven
- Support scientific and public organisations in managing their library (MARC), archival (EAD) and museum (LIDO) collections
- Already provides unified resource discovery and delivery to LIBIS partners (LIMO)



LIBIS in Europeana Inside

- Offer aggregation tools for contribution of content to Europeana for its partners
- Europeana Connection Kit (ECK)
- Collaboration between content partners, technical partners and aggregators
- Simplify the contribution of content to Europeana

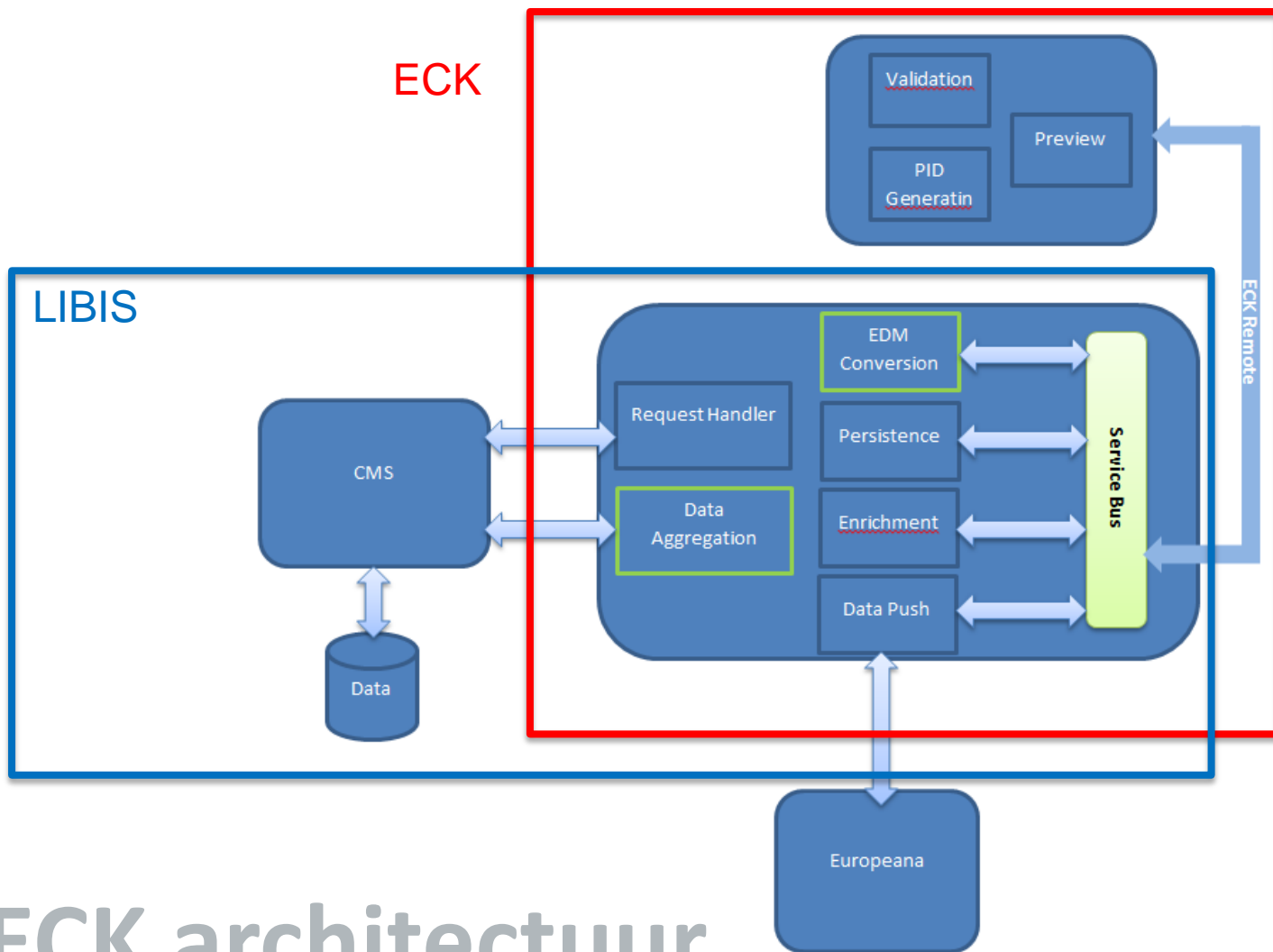


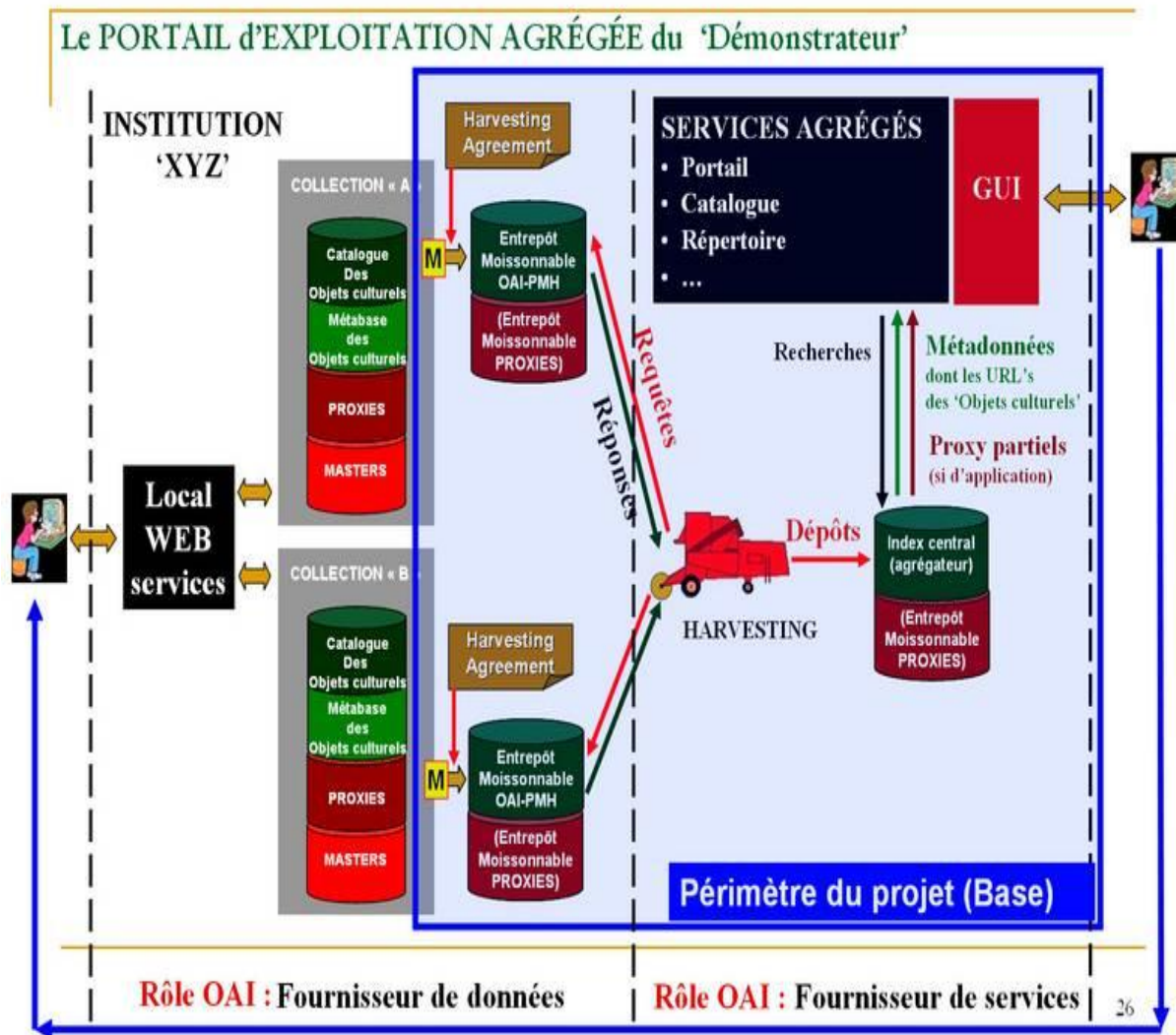
Figure 3 LIBIS Content Delivery System's Proposed Architecture

Federation of Wallonia-Brussels

- Plan PEP
- Main objectives
 - Enable research and presentation of the digital collections of the French community
 - Ensure visibility and a common cross-promotion of cultural heritage of the Federation
 - Provide access to these assets
 - Be the aggregator for Europeana

Prototype

- Film archive
- Mariemont
- University libraries



Let's have a look at a national
cross-domain aggregator...

Deutsche Digitale Bibliothek (DDB)

SUCHE

ÜBER UNS

HILFE

Deutsch ▼



DEUTSCHE DIGITALE BIBLIOTHEK **BETA**
Kultur und Wissen online



Erweiterte Suche





Das ist die Deutsche Digitale Bibliothek!



BSZ Bibliothekservice-Zentrum
Baden-Württemberg

Wir sind die DDB:
Bibliothekservice-Zentrum...



Thema des Monats: Robert Koch



Gesetzentwurf zur Nutzung
„verwaister“ Werke ist ein...



www.deutsche-digitale-bibliothek.de

Copyright © 2012 Deutsche Digitale Bibliothek

Nutzungsbedingungen

Datenschutzerklärung

Impressum

Sitemap

Kontakt

4.0 / 2.2/0ct0e405

Work in progress...

Beta-Version online since November 2012



DEUTSCHE DIGITALE BIBLIOTHEK **BETA**
Kultur und Wissen online



Erweiterte Suche

- Currently 5.600.000 objects online
- In some cases images are missing
- In some cases (archives) there will be no images, i.e. structural records



DEUTSCHE DIGITALE BIBLIOTHEK **BETA**

SUCHE ÜBER UNS HILFE

Ergebnisse filtern



Ergebnisse pro Seite

20

Sortieren nach

Relevanz

1 - 20 von 5.665.248 Ergebnissen

Seite 1 von 283.263 Weiter > Ende >

☐ Nur Ergebnisse mit Miniaturansicht



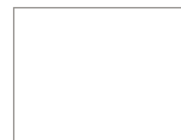
Benedikt Schmid, Göschweiler gegen Konrad Eggert, Göschweiler wegen Besitzstörung

1841-1842, Landesarchiv Baden-Württemberg Abt.Staatsarchiv Freiburg, A 11/1 Hofgericht des Seekreises



Anlegung eines Militärmagazins

1792-1797, Landesarchiv Baden-Württemberg Abt.Generallandesarchiv Karlsruhe, 119 Ortenau, Landvogtei



Seyfried, Conrad, Zimmermann aus Enzberg: Erbauung einer Scheune

1860-1861, Landesarchiv Baden-Württemberg Abt.Staatsarchiv Ludwigsburg, F 183 III Oberamt Maulbronn: Bauakten



Veigel, Jakob: Vergrößerung der Scheune durch zwei Anbauten

1891 Landesarchiv Baden-Württemberg Abt.Staatsarchiv Ludwigsburg F 154 II Oberamt



☐ Alle Filter beibehalten

All cultural heritage domains

Archive, Library, Research, Museum, Media, Monument care...

Nach Häufigkeit geordnet

Seite 1

Archiv	(2.926.118)	Denkmalpflege	(13.160)
Bibliothek	(2.086.808)	Sonstige	(6.660)
Forschung	(408.039)		
Museum	(170.508)		
Mediathek	(53.955)		

Data model

- Metadata-model build on the basis of CIDOC-CRM
- For practical reasons (more effectiveness) this will be changed to DDB-EDM
- DDB-EDM will be closely related to EDM

Source & target

- National aggregator for Europeana
- So far no record is delivered to Europeana via the DDB = still in preparation
- Most content comes from few institutions only

Finance and sustainability

- Financed by the Federal States and the central Government
- Still in project phase
- + 1 million invested so far
- Evaluation at the end of the year to decide if financing will go on

Acknowledgements to

- Jef Malliet (on ErfgoedPlus)
- Stefan Rohde Enslin (on DDB)

Questions?

Thank you for your attention!

Roxanne Wyns

Business consultant @ LIBIS - KU Leuven

Roxanne.Wyns@libis.kuleuven.be

www.libis.be