Europeana: from inspirational idea to sustainable service

National Conference Romania

Cluj-Napoca 16th June 2010

Lizzy Komen, Europeana

Content

1. Europeana Foundation and Europeana
2. Content Strategy
   1. Aggregators
   2. Content
   3. Projects
3. How to provide content
4. Technology Developments
5. Benefits

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Europeana.eu

Europeana – Vision

"A common multilingual access point would make it possible to search Europe's distributed – that is to say, held in different places by different organisations – digital cultural heritage online. "

European Union Communiqué August 2006

"to provide cross-domain access to Europe's cultural heritage"

Europeana.eu
Vision, Mission, Objectives

- Europeana.eu inspires ideas and understanding by **sharing Europe's** cultural heritage with the **world online**

- Europeana.eu enables people to explore the digital resources world-online of Europe's museums, libraries, archives and audio-visual collections. It promotes **discovery and networking opportunities** in a multilingual space where **users can engage, share and be inspired** by the rich diversity of Europe's cultural and scientific heritage

- To create an operational service; Europeana.eu
  To maintain and extend a **powerful alliance of stakeholders**
  To disseminate the **service to end-users**

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Europeana Foundation Governance
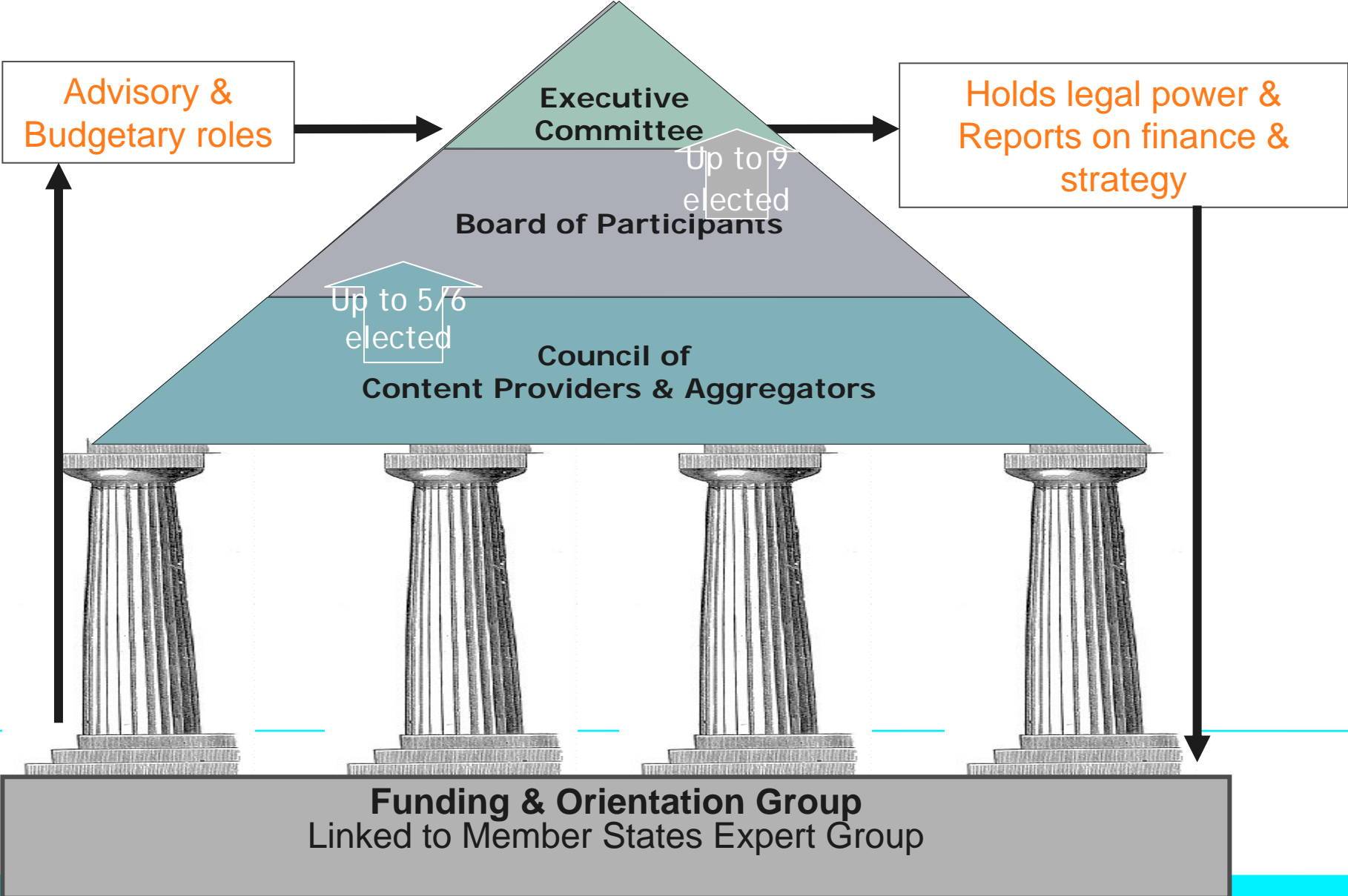
Europeana Foundation

Board of participants from the professional heritage associations

- **ACE**: Association Cinémathèques Européennes
- **CENL**: Conference of European National Librarians
- **CERL**: Consortium of European Research Libraries
- **EMF**: European Museum Forum
- **EURBICA**: European Regional Branch of the International Council on Archives
- **FIAT**: International Federation of Television Archives
- **IASA**: International Association of Sound and Audiovisual Archives
- **ICOM Europe**: International Council of Museums, Europe
- **LIBER**: Ligue des Bibliothèques Européennes de Recherche
- **MICHAEL**: Multilingual Inventory of Cultural Heritage in Europe

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Europeana v1.0

- **Europeana v1.0**
- 30 months projects – started 1 February 2009

- Objectives:
  - Co-ordinating the development of a fully operational site
  - It creates automated work flows for ingestion of content
  - Begins end user marketing
  - Added functionalities, APIs and mobile access to deliver Europeana content in whatever way the user wants it
  - Develop longer term sustainability

Europeana content objectives

- 10 million items for Rhine release summer 2010

- Representation of National and European culture by all European countries

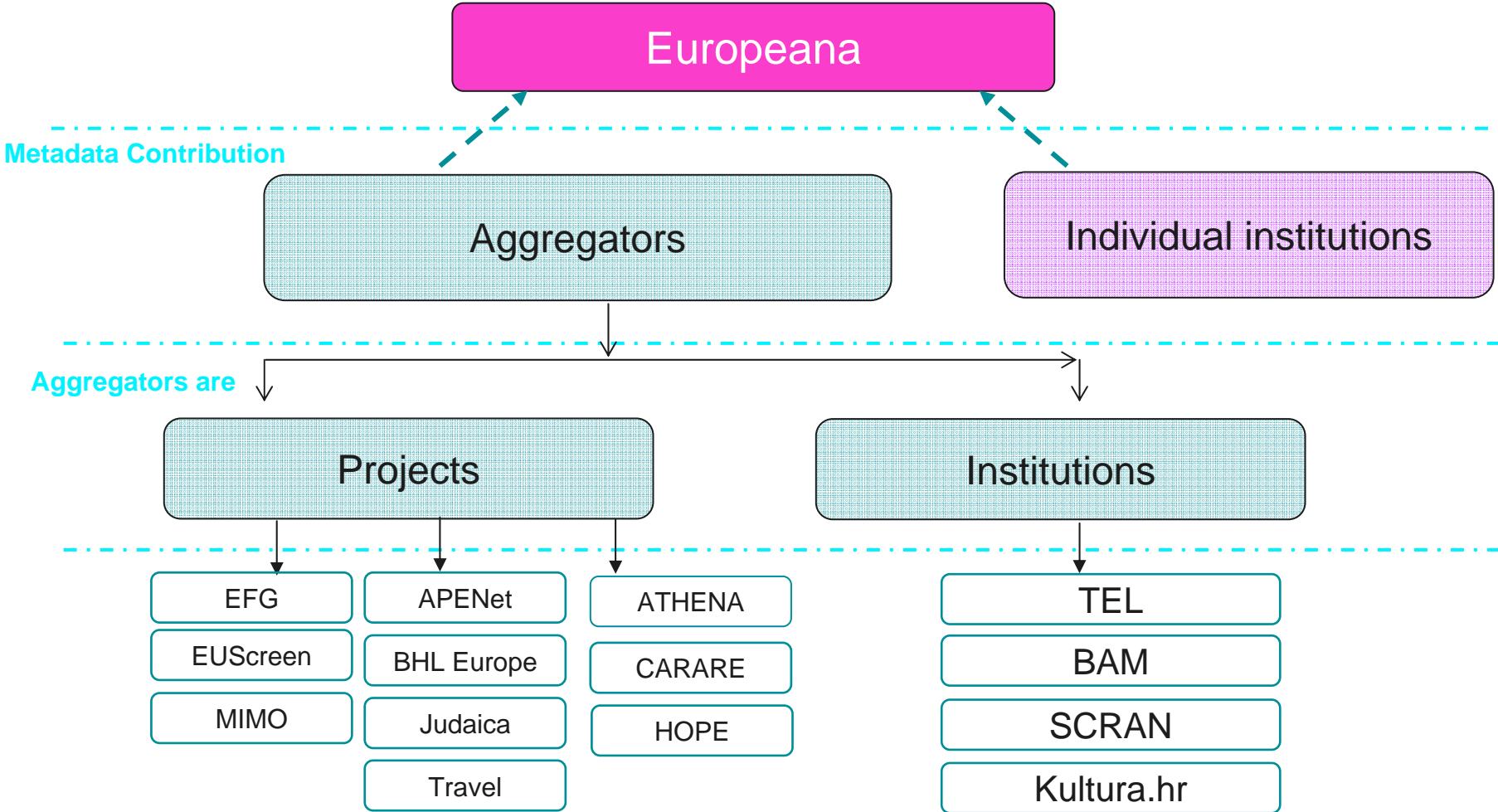- Representation of all domains and types of content

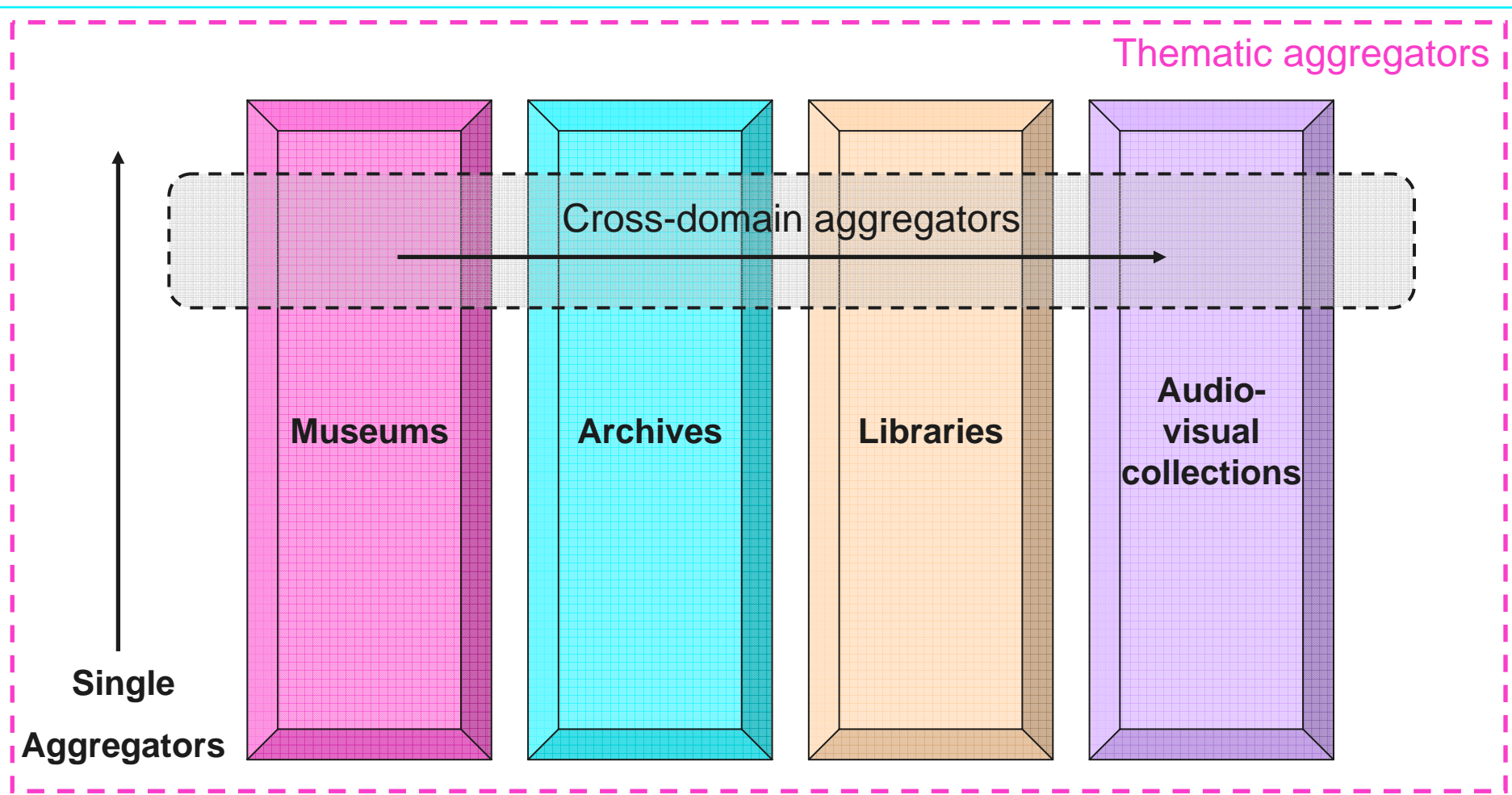europeana
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Content Strategy

- Promotion and support of aggregators
- Collaboration between all Europeana related projects
- Content Acquisition Plan to ensure an even representation of all European countries and types of content
- Development of relevant themes of content available

Available at: https://version1.europeana.eu/web/guest/provide_content

Content Strategy (2)

Europeana

Metadata Contribution

Aggregators

Individual institutions

Aggregators are

Projects

Institutions

EFG	APENet	ATHENA	TEL
EUScreen	BHL Europe	CARARE	BAM
MIMO	Judaica	HOPE	SCRAN
	Travel		Kultura.hr

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Aggregator types 1

Thematic aggregators

Cross-domain aggregators

Museums

Archives

Libraries

Audio-visual collections

Single

Aggregators

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Aggregator types 2

	National	Regional	European	Worldwide
Cross-domain	CulturaItalia Culturpool BAM	Thuis in Brabant	Europeana	
Single	Direcção-Geral de Arquivos (Portuguese archives)	MovE (museums in East Flanders)	Dismarc TEL EFG	World Digital library WorldCat
Thematic		Great War Archive	Judaica	ArXiv.org

Europeana Group of Projects

Presto Prime

ARROW

The European Library

Europeana Local

Europeana Regia

ASSETS

Europeana v1.0

ATHENA

MIMO

Europeana

HOPE

EUscreen

APEnet

BHL-Europe

Europeana Connect

CARARE

Europeana Travel

JUDAICA Europeana

European Film Gateway (EFG)

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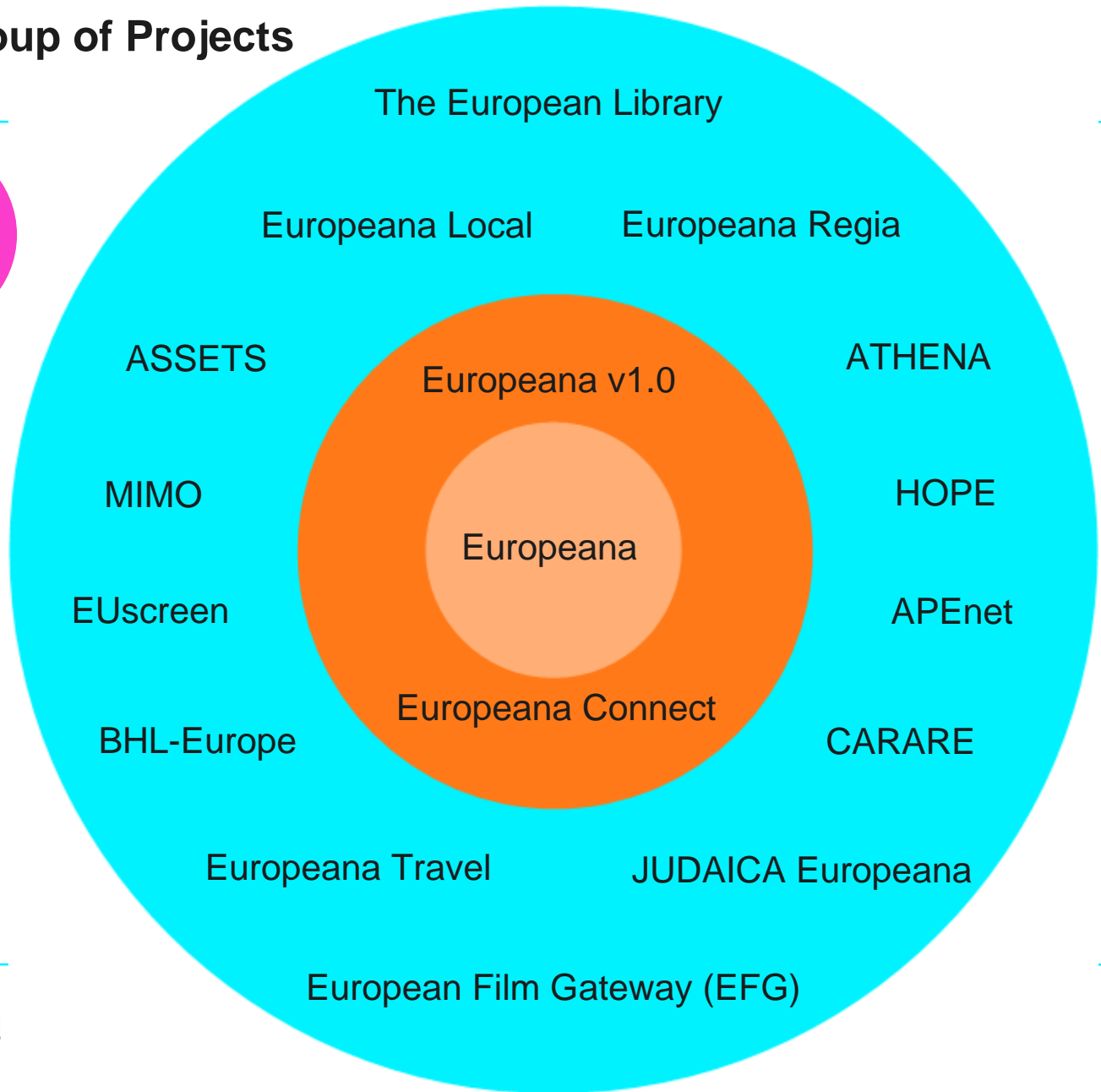
Rhine release　　**Danube release**

2008		2009											2010											2011											2012									

Sept Oct　Nov Dec | Jan Feb　Mar Apr May Jun　Jul Aug Sep Oct Nov Dec | Jan Feb　Mar Apr May Jun Jul　Aug Sep Oct Nov Dec | Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec | Jan Feb Mar Apr May Jun　Jul Aug Sep Oct Nov Dec

Feb. 2009　EUROPEANA v1.0

May 2009　EUROPEANA CONNECT

Sept. 2008　EUROPEAN FILM GATEWAY

May 2008　EUROPEANA LOCAL

Nov. 2008　ATHENA

Jan. 2009　PRESTO PRIME

Jan. 2009　APENET

May 2009　BIODIVERSITY HERITAGE LIBRARY (BHL)

May 2009　EUROPEANA TRAVEL

Sept 2009　MUSICAL INSTRUMENTS MUSEUMS ONLINE

Oct 2009　EU SCREEN

Jan 2010　JUDAICA EUROPEANA

Jan 2010　EUROPEANA REGIA

Feb 2010　CARARE

Apr 2010　ASSETS

May 2010　HOPE

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Data Providing Projects

Rhine release in 2010 with access to 10 million items from:
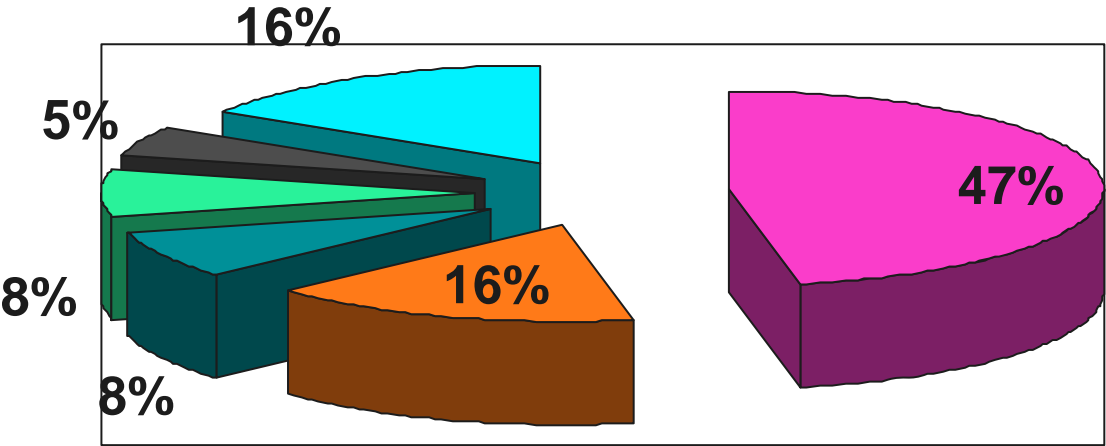
http://group.europeana.eu

- Athena: **museum** objects
- **Archives** Portal Europe [APEnet]: national archives
- **Biodiversity** Heritage Library [BHL-Europe]: texts and taxonomies
- European **Film** Gateway: film, scripts, posters, stills
- Europeana Connect: **sound** recordings
- EuropeanaLocal: **regional** libraries and museums
- EU Screen: **TV** broadcasts
- MIMO: Musical Instrument Museums Online
- And all **aggregators** supplying directly to Europeana

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Content, June 2010

- Content at prototype launch Nov '09: 2 million items from every domain, every EU member

  → today over 9 million items, and aim at 10 million by summer 2010

- 5,971,928 images: photos, paintings, drawings, postcards, posters

- 3,028,122 texts: books, newspaper articles, manuscripts, letters

- 92,656 videos: movies, documentaries, TV broadcasts, public information films

- 59,818 sounds: cylinders, 78rpm discs, radio, field recordings

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Data provided by country, by September 2009

Pie chart showing data provided by country: France 47%, Germany 16%, Others 16%, Netherlands 8%, UK 8%, Sweden 5%.

Legend:
- France
- Germany
- Netherlands
- UK
- Sweden
- Others

Data provided per country – Top 10
June 2010
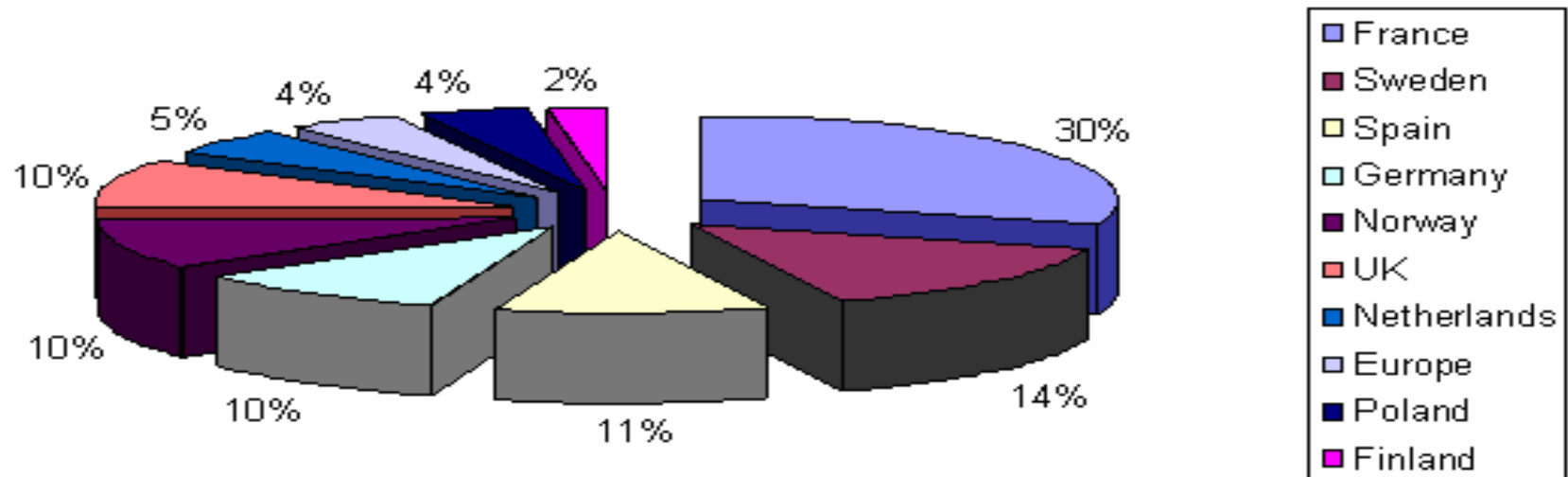
Content per data provider – Top 20 June 2010

Legend:
- Culture.fr/collectio
- Swedish Open Cultura
- Hispana
- Bibliothèque nationa
- ABM-utvikling
- Saxon State Library
- Culture Grid
- Het Geheugen van Ned
- Federacja Bibliotek
- Scran
- Knowledge Management
- Nasjonalbiblioteket
- Kansalliskirjasto
- The European Library
- Stadtgeschichtliches.
- Bernstein project
- Narodna in univerzit.
- BHL Europe
- EuropeanaLocal Swede

Content Type Analysis – June 2010
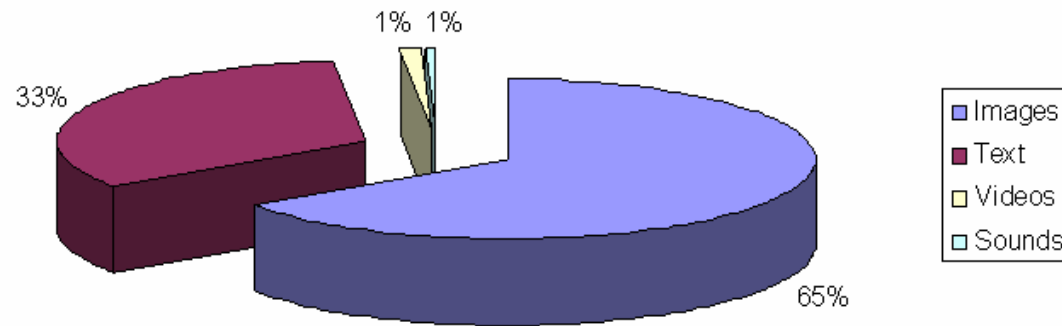
Romanian content– June 2010 (Cimec)

What data do I submit to Europeana?

2. Metadata

3. Links to digital objects online

Publisher: impr. des ouvriers associés (Bordeaux)

Type: monographie imprimée; printed monograph; text

Relation: Notice du catalogue : http://catalogue.bnf.fr/ark:/12148/cb30755955k/description

How can I contribute my data to Europeana?

- Determine the best route to submit data to Europeana, info in **Europeana Aggregator Handbook**: http://www.group.europeana.eu/web/guest/provide_content
  → for Aggregators or Individual Institutions

1. Receive Europeana Partner application Form: https://version1.europeana.eu/c/document_library/get_file?uuid=6826a864-7aed-4a60-8424-89435065c781&groupId=10602
2. Receive Europeana Data Aggregator/Provider Agreement
3. Receive Europeana Submission Form

Steps to Provide Content
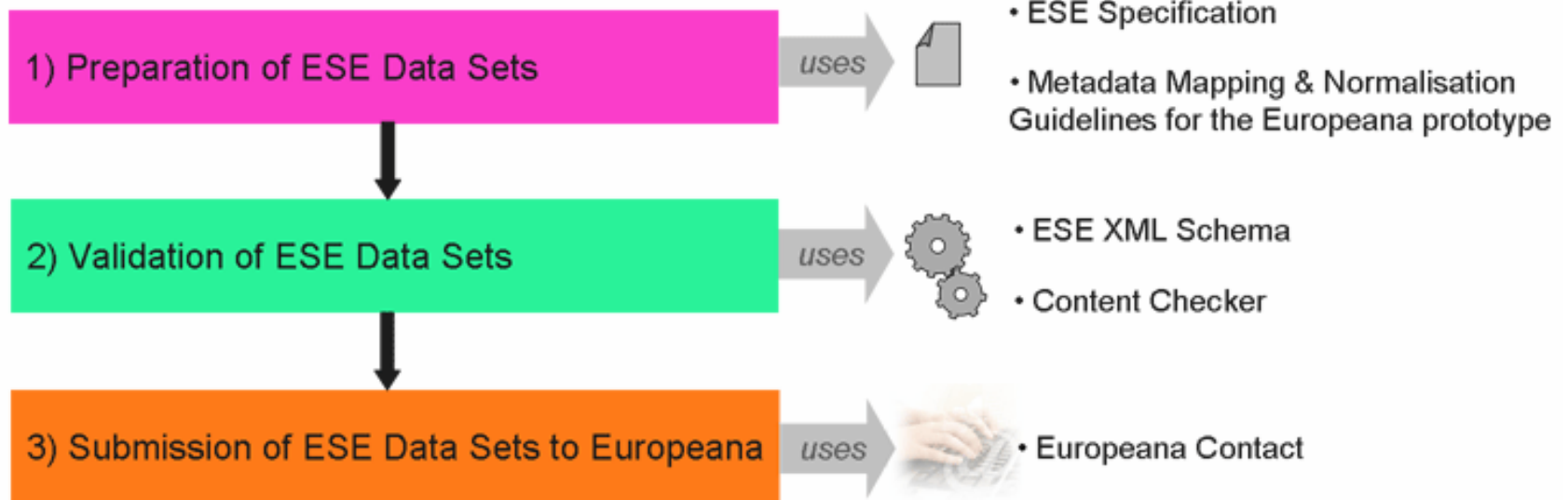
What are the technical requirements?

- **Metadata mapped to the ESE v3.2.2 Specifications**

  This is the Europeana current data model which consists of the Dublin Core (DC) metadata elements, a subset of the DC terms and a set of twelve elements which were created to meet Europeana's functionality needs.
  https://version1.europeana.eu/c/document_library/get_file?uuid=c56f82a4-8191-42fa-9379-4d5ff8c4ff75&groupId=10602

- **A link to the digital object's location online**

  Also explained in the above document

- **A thumbnail of the object**

  See: http://version1.europeana.eu/c/document_library/get_file?uuid=6b52d4be-6a4d-443a-842a-ab991bca2b1f&groupId=10602

- **Metadata Mapping & Normalisation Guidelines**

  are also provided as normalisation on some values is necessary to enable machine readability. Providers should consult the following document:
  https://version1.europeana.eu/c/document_library/get_file?uuid=58e2b828-b5f3-4fe0-aa46-3dcbc0a2a1f0&groupId=10602

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How do I validate compliancy with ESE?

- **Using the XML v3.2 ESE schema:**

  The ESE v3.2 XML Schema is the XML representation of the Europeana Semantic Elements (ESE) specifications v3.2.This schema can be used to validate XML instances of Data Sets to be submitted to Europeana.
  http://version1.europeana.eu/c/document_library/get_file?uuid=104614b7-1ef3-4313-9578-59da844e732f&groupId=10602
  and it is available here: http://www.europeana.eu/schemas/ese/ESE-V3.2.xsd

- **Using the Content Checker:**

  This is a test and validation environment that consists of the Content Ingestor where providers upload their data and the portal that allows them to search and browse these data as if they were using the real Europeana.
  http://version1.europeana.eu/c/document_library/get_file?uuid=5efae853-74d4-4ca7-a949-90c401c93127&groupId=10602

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Manageable Ingestion

- Working closely with aggregators and providers
- Team of 4 ingestion specialists / metadata experts
- Need to work with aggregators to keep scale manageble
  - Est. 30.000 C-H institutions in Germany alone, 200K+ in Europe?
- For countries also important to develop sustainable aggregation levels to promote and preserve their cultural heritage

Developing Software and Services

EuropeanaLabs.eu allows partners and collaborating projects to:

- test code and new functionality that is being delivered as part of projects' work plans
- develop innovations and additional features that will benefit Europeana
- use the Europeana source code and representative datasets to experiment with new applications

URL to EuropeanaLabs:
doc:https://version1.europeana.eu/c/document_library/get_file?uuid=9f7ed5a7-fdaf-404a-b1a1-6a55b97b9b6a&groupId=10602

The Europeana.eu source code is made available under a European Union Public Licence [EUPL] open source license

Europeana strongly supports the development of Open Source services and tools through EuropeanaLabs!

Direct Provider Benefits

- Reaching out to users
  - Remain relevant
  - Put content where people are
  - Open up your marvelous collections
- Content remains within your organisation
- Increase traffic to your site
  - User interest in viewing items in original context
  - 75% of Europeana user survey respondents thought it very useful to view the searched object in its original context.

Direct provider benefits

- Prestigious initiative
  - Endorsement from European Commission
  - Erasmus Award 2009
- Knowledge exchange with professional network
  - Metadata standards
  - Best practices
  - Technological innovation
- Popularity among users
  - User survey results:
    - ➢ Loyal user base (60% of respondents visiting the site more than 5 times);
    - ➢ Overall positive ratings for Europeana features and functions

GP3   Europeana's cross-domain content
The value of contributing content to Europeana
Metadata standards
Case studies demonstrating benefits and best practice
Milestones, deliverables and achievements, notably Rhine release
Forthcoming events – workshops, conferences etc
Strategic and policy issues
Staying relevant to users
Value of sharing source code
Technolgical innovation
aal030; 30.10.2009

GP4   Europeana's cross-domain content
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Europeana <u>belongs</u> to

all of us

<u>created</u> by all of us and

to be <u>explored</u> by all of us

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Thank you for your attention

Questions?

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