



EuropeanaLocal: it's objectives, activities and impact

Project presentation: RESULTS

D1.11

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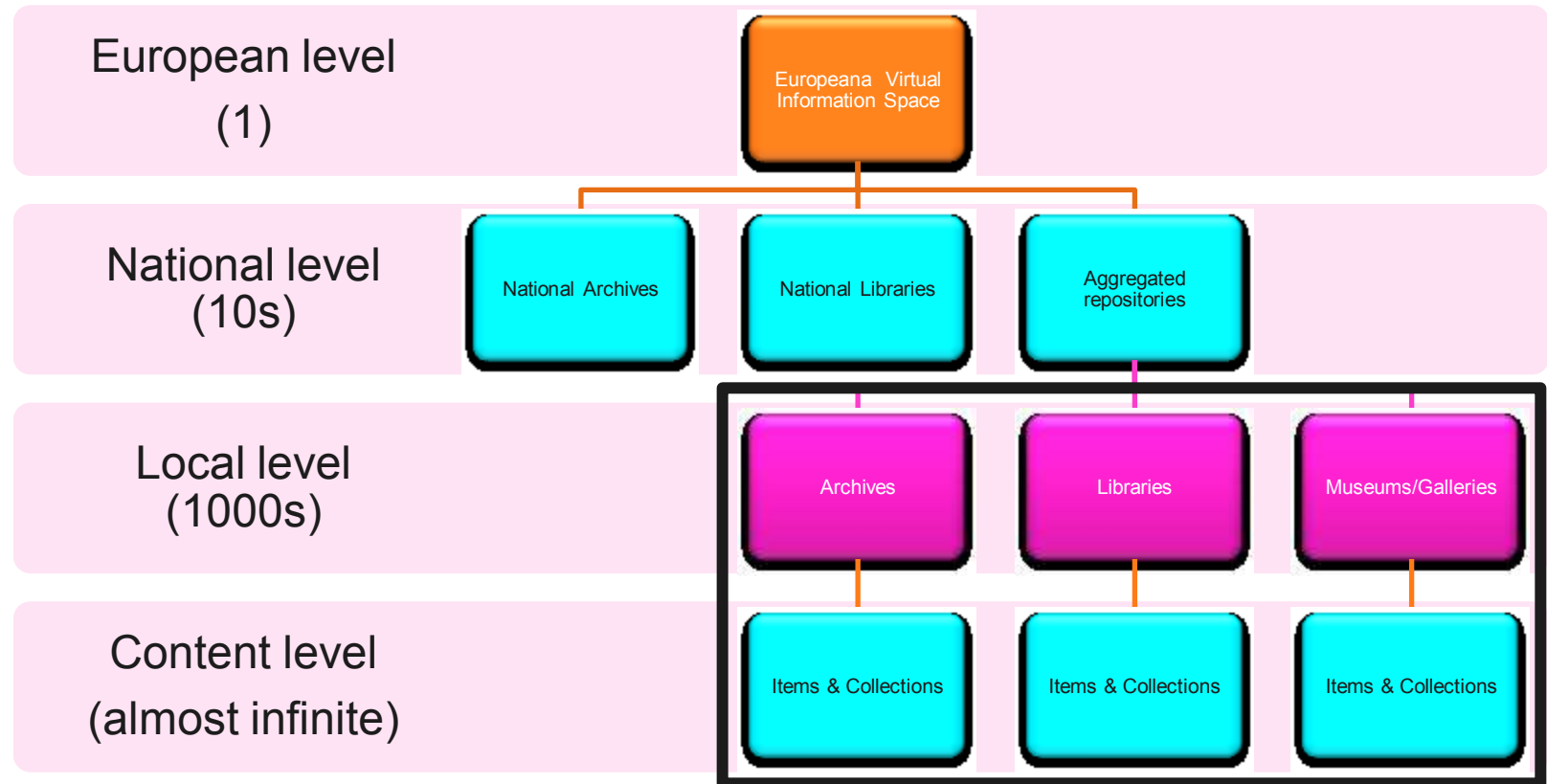
Lizzy Komen. Europeana Foundation



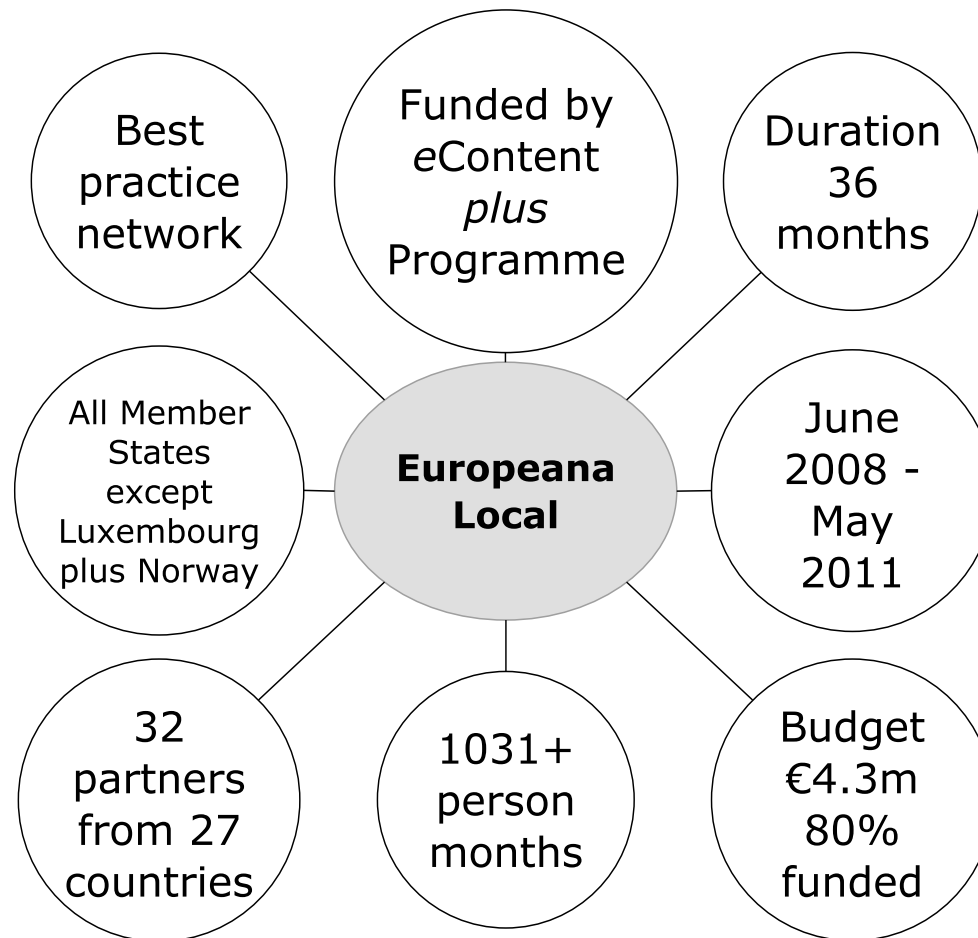
EuropeanaLocal

- One of a family of projects funded by EC to further develop Europeana
- Focus on ***local and regional*** museums, libraries, archives and audio-visual institutions:
- Goal: to mobilise and assist the huge numbers of them at local and regional level to make the enormous amount of digital content that they hold interoperable and accessible through Europeana and other service providers

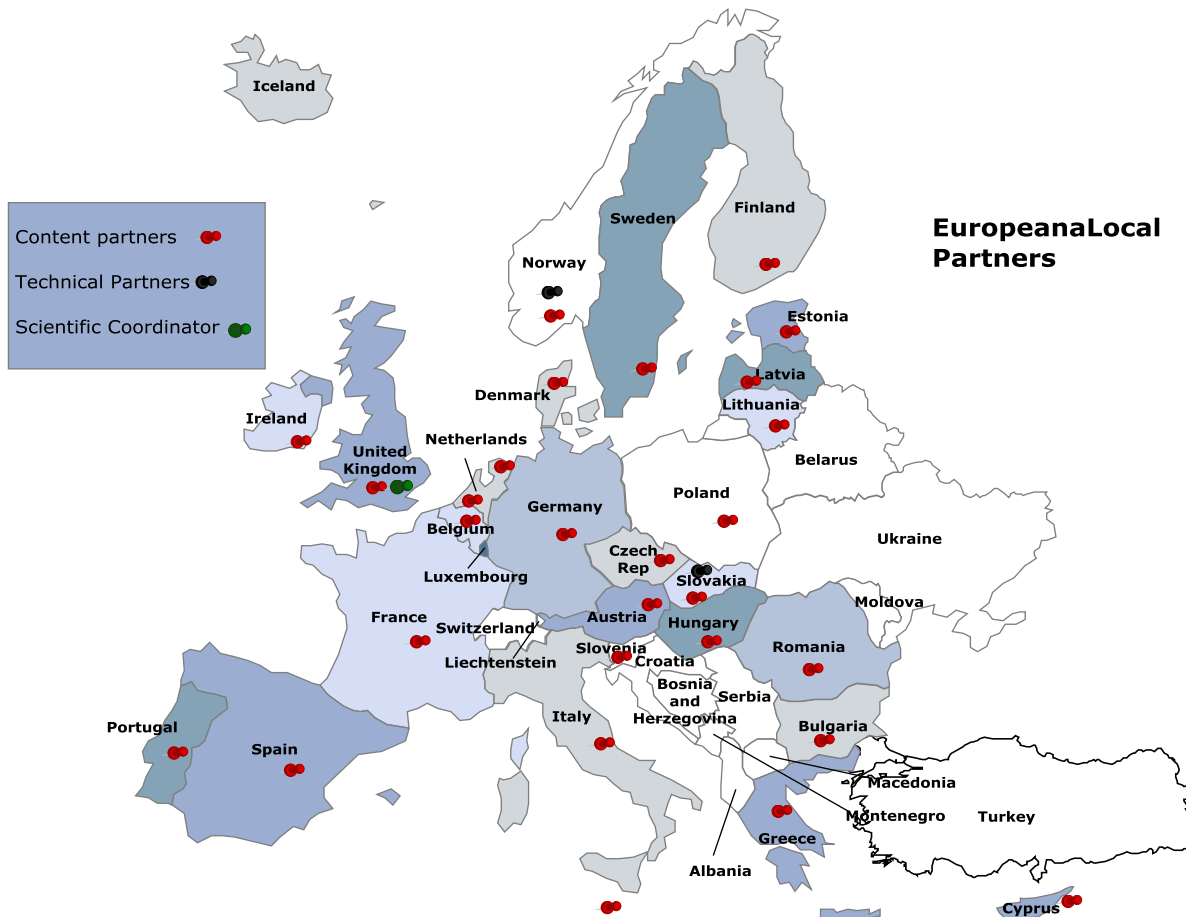
EuropeanaLocal: content holders/potential providers



EuropeanaLocal: Basic Facts



EuropeanaLocal: Consortium



EDLocal partners

- 1 Sogn og Fjordane County Municipality
- 2 Stichting European Digital Library
- 3 MDR Partners
- 4 Public Library 'Pencho Slaveykov' (Public Library of Varna)
- 5 Cyprus Research and Educational Foundation
- 6 Cross Czech A.S
- 7 Roskilde Kommune
- 8 City of Helsinki
- 9 Zentral- und Landesbibliothek Berlin
- 10 Veria Central Public Library
- 11 Békés County Library & Human Service Centre
- 12 An Chomhairle Leabharlanna
- 13 Regione Marche
- 14 National Library of Latvia
- 15 Dizi (Lithuania)

EDLocal partners (2)

- 16 AcrossLimits Technologies Ltd
- 17 Collections Trust (UK)
- 18 Instytut Chemii Bioorganicznej PAN
- 19 Fundacao Museu Nacional Ferroviario
- 20 Biblioteca Judeteana "Octavian Goga" Cluj
- 21 Slovenské národné múzeum (Slovak National Museum)
- 22 Narodna in univerzitetna knjižnica
- 23 Stiftelsen Länsmuseet Västernorrland
- 24 EEA s.r.o.
- 25 Asplan Viak Internet AS
- 26 Angewandte Informationstechnik Forschungsgesellschaft mbH
- 27 Provincie Limburg
- 28 Eesti Rahva Muuseum (Estonian National Museum)
- 29 Conseil Général de la Gironde
- 30 Stichting Brabantse Regionale Geschiedbeoefening
- 31 Ministry of Culture, Spain
- 32 Norsk Kulturrad (ABM Utvikling), Norway

EuropeanaLocal: objectives

1. Promoting and enabling the participation of local and regional content holders
 - making available millions of digital items from local and regional institutions across Europe
 - contributing powerfully to the growth and scope of Europeana
2. Contributing to understanding and solving interoperability issues across cultural heritage domains
 - taking account of the particular needs of local and regional institutions
3. Acting as a real world test bed for Europeana's standards, tools and infrastructures and providing feedback
4. Encouraging the development of sensible and sustainable levels of aggregation in each partner country
5. Enhancing the skills, expertise and motivation required to support local institutions

Project activities (1)

- Preparatory surveys to determine:
 - the range of content; metadata schemas; harvesting activities and aggregation levels in use by cultural heritage content holders at local and regional level
 - the technical infrastructure (e.g. repositories) and relevant skills available
- Selection and installation of repository systems/ adaption of existing systems
- Standards and infrastructure
 - Testing and using the ESE, Workflow, Content Checker, and feedback on the governance and legal framework, plus EDM, SKOS and vocabulary tools
- Training and knowledge transfer - guidance, training, workshops

Project Activities 2 : Content Ingestion

- EuropeanaLocal partners have installed and populated their repositories, where required
- And worked with Europeana to test and ingest their content
- To date (21 July 2011) EuropeanaLocal partners have **contributed**
4,984,952 items to the live Europeana service
- With **more** to come ...

Some examples of content supplied by Europeana Local partners:

Croquis de la Peninsula del Morrazo

Biblioteca Virtual del Patrimonio Bibliográfico



Latvian rural women at work, 1920s

The Museum of Latvian Photography



Gradual, Grzegorz z Wroniek, 1627

The Kórnik Library of the Polish Academy of Sciences



Cyclist in Tarvastu, Estonia, 1912

Johannes Pääsuke, Estonian National Museum



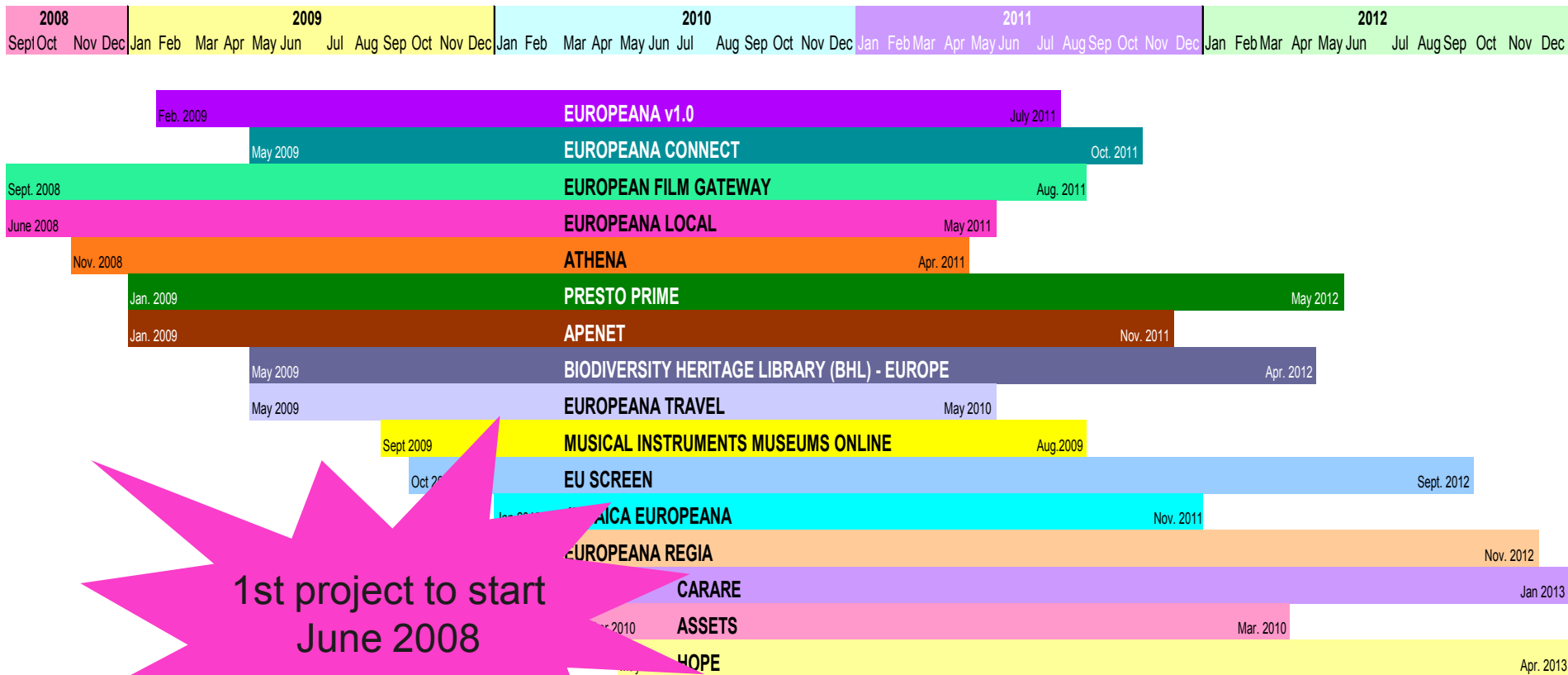
Activities: Aggregation and National Meetings

- Whole range of national and other initiatives to aggregate metadata for digital content underway, and at various stages of development in many but not all EU countries.
- 27 National EuropeanaLocal Meetings held, one in each Member State, to:
 - promote the results and availability of the EuropeanaLocal service
 - address the future expansion and extension of [Europeana](#)
 - enable discussion, build consensus, and support progress on aggregation

Impact...



EuropeanaLocal 'the pioneer project'



1st project to start
June 2008



Impact on Europeana

- Content
- Strategy & Awareness
- Documentation and guidelines
- Workflows
- Tools and support

Content - EuropeanaLocal

- 1st project to deliver data to Europeana Prototype (Dec '09)
- Biggest contributing project for Europeana
 - over 3.5 million digital objects at Rhine release
 - Very close to 5 million digital objects by the end of the project
- Huge contribution for Rhine release (summer '10) → ELocal content made 1/3 of the total for Rhine
- Better representation of local and region content in Europeana
- Over 1/3rd of the text items in Europeana are from ELocal



Europeana Local content live in Europeana from:

- Spain
- Norway
- UK
- Poland
- Sweden
- Greece
- Germany
- Slovenia
- Slovakia
- Bulgaria
- Latvia
- France
- Lithuania
- Netherlands
- Belgium
- Ireland
- Czech Republic
- Hungary
- Austria
- Finland
- Portugal
- Malta
- Denmark
- Estonia
- Romania
- Italy

4,964,483 items ingested by end May 2011

4,984,952 by 21 July 2011.

Plus 160,000 items from Region Marche, ingested via CulturalItalia =

5,144,952

*And more on the way - another **1, 075,791** items reported as ready for harvest very soon*

6,220,743

EuropeanaLocal content impact

(as at February 2011)

Country	EuropeanaLocal contribution per country	Europeana total per country	% per Country from Elocal
Spain	1234252	1293029	95,45
Norway	735252	940472	78,18
UK	494139	897137	55,08
Poland	462796	485390	95,35
Netherlands	111664	1153212	9,68
Greece	110467	172935	63,88
Slovenia	109837	211595	51,91
Germany	67973	2568681	2,65
Sweden	62211	1417259	4,39
Belgium	50281	210147	23,93
France	22717	2626362	0,86
Slovakia	21758	21758	100,00
Bulgaria	12016	12212	98,40
Portugal	11247	15470	72,70
Lithuania	7731	7731	100,00
Austria	5668	47335	11,97
Latvia	1899	1899	100,00
Hungary	1011	10939	9,24
Czech Republic	424	11760	3,61
Ireland	145	945330	0,02
Finland	97	191481	0,05
Totals	3523585	13242134	

...in perspective

- EuropeanaLocal contributed data currently = **26%** of total current Europeana content (4 July 2011)
- 4 EuropeanaLocal partners in the top 15 content providers to Europeana:
 - Hispana (Spain)
 - Norsk Kulturråd (Norway)
 - Culture Grid (UK)
 - Federacja Bibliotek Cyfrowych (Poland)
- For 3 countries - Elocal partners were the only contributor to Europeana (Slovakia, Lithuania, Latvia) - at Feb 2011
- Good increase in representation of tier 1 countries, which had less than 1% in Europeana at September 2010

Reasons where content not provided

	Number of content providers	Estimated number of content items
Non-availability of expected digital content	19	130742
Content was made available to Europeana by other channels (e.g. a different project or aggregator)	9	12407900
Only 'catalogue records' were available (no underlying digital content)	3	109887
Technical issues e.g. metadata stored in non-countable formats	3	90387
Other	13	170708
Total	47	12909624

Impact on Europeana Strategy & Awareness

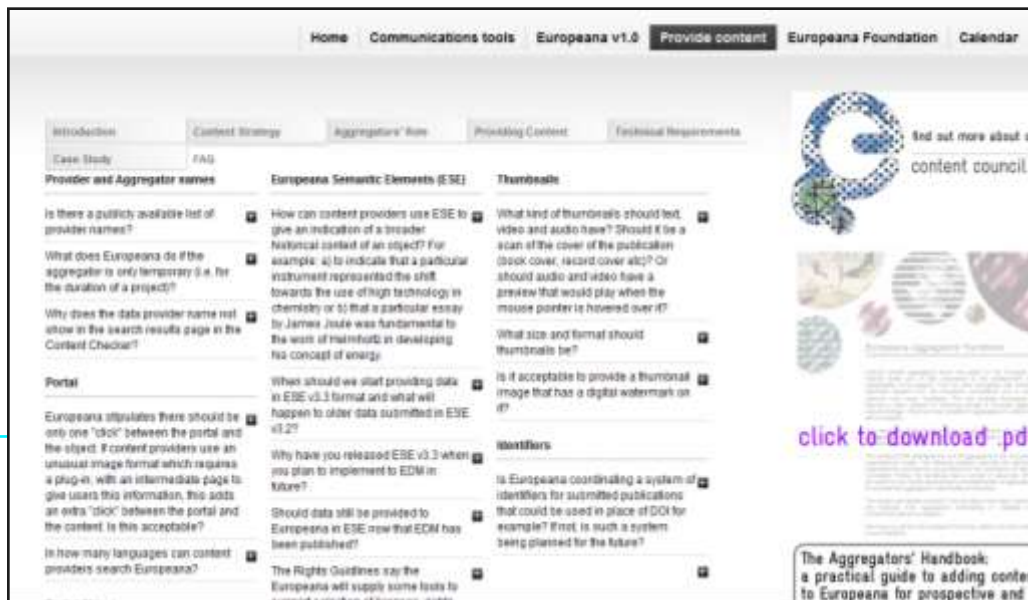
- EuropeanaLocal:
- Promoted aggregation (bottom up, rather than top down)
- Created awareness at national, regional level (strategy)
- Reached out to End-Users

- Provided case study and input to Aggregator Handbook
- Provided information about systems and standards in use, skills available and existing aggregators from surveys



Impact on Europeana Documentation & Guidelines

- EuropeanaLocal:
- Helped test and improve the Europeana Metadata and normalisation guidelines
- And other technical documents, e.g. ESE specifications
- Provided detailed feedback and suggestions to the Europeana Data Agreements
- Helped create the Europeana FAQ list



The screenshot displays the 'Provide content' section of the Europeana v1.0 website. The page features a navigation bar at the top with links for 'Home', 'Communications tools', 'Europeana v1.0', 'Provide content', 'Europeana Foundation', and 'Calendar'. Below the navigation bar, there are tabs for 'Introduction', 'Content Strategy', 'Aggregators' flow', 'Providing Content', and 'Technical Requirements'. The main content area is organized into a grid of FAQ items, each with a question and a brief answer. The questions include: 'Is there a publicly available list of provider names?', 'What does Europeana do if the aggregator is only temporary (i.e. for the duration of a project)?', 'Why does the data provider name not show in the search results page in the Content Checker?', 'Portals: Europeana stipulates there should be only one "click" between the portal and the object. If content providers use an unusual image format which requires a plug-in, with an intermediate page to give users this information, this adds an extra "click" between the portal and the content. Is this acceptable?', 'In how many languages can content providers search Europeana?', 'How can content providers use ESE to give an indication of a broader historical context of an object?', 'What kind of thumbnails should text, video and audio have?', 'What size and format should thumbnails be?', 'Is it acceptable to provide a thumbnail image that has a digital watermark on it?', 'When should we start providing data in ESE v3.3 format and what will happen to older data submitted in ESE v3.2?', 'Why have you released ESE v3.3 when you plan to implement to EDM in future?', 'Should data still be provided to Europeana in ESE now that EDM has been published?', 'The Rights Guidelines say the Europeana will supply some links to content creation of European states', 'What kind of thumbnails should text, video and audio have?', 'Should it be a scan of the cover of the publication (book cover, record cover etc)? Or should audio and video have a preview that would play when the mouse pointer is hovered over it?', 'What size and format should thumbnails be?', 'Is it acceptable to provide a thumbnail image that has a digital watermark on it?', 'Identifiers: Is Europeana coordinating a system of identifiers for submitted publications that could be used in place of DOI for example? If not, is such a system being planned for the future?'

On the right side of the page, there is a sidebar with a large 'G' logo and the text 'Find out more about us content council'. Below this, there is a 'click to download .pdf' button and a section titled 'The Aggregators' Handbook: a practical guide to adding content to Europeana for prospective and'.

Impact on Europeana Tools & Support

- EuropeanaLocal first to use (and provided feedback on)
- ‘Sandbox’ and Europeana Content Checker
- ESE XML Schema first validations
- Europeana ingestion database(SUGAR)
- And provided advice on best practices at local level

```

<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/2001/XMLSchema"
  xmlns:dschema="http://pari.org/oc/terms/"
  xmlns:oc="http://pari.org/oc/terms/1.0/"
  xmlns="http://www.europeana.eu/schema/eas/"
  targetNamespace="http://www.europeana.eu/schema/eas/"
  version="1.0"
  elementFormDefault="qualified"
  attributeFormDefault="unqualified">
<!--DOCUMENTATION-->
<xsl:documentation xmlns:lang="en">
  Europeana Semantic Elements V1.0 XML Schema
  Version: 1.0
  Date: 2010-06-28
  Used to validate XML instances of Data Sets to be submitted to Europeana

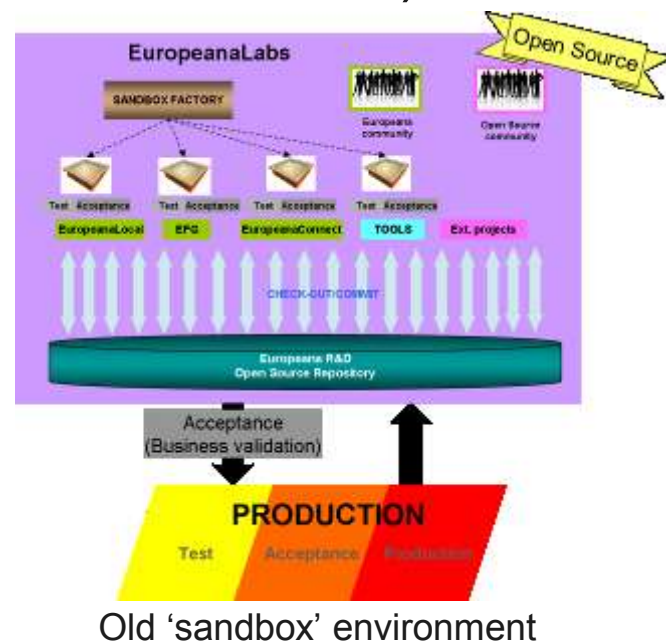
  The following elements must be provided in the XML instances:
  europeana:provider
  europeana:iiqm
  europeana:isCoverBy and/or europeana:isShownAt

  The values for the following elements must be valid URIs:
  europeana:isCoverBy
  europeana:isShownAt
  europeana:object
  europeana:rights

  The values for europeana:type element must be one of the following:
  TEXT
  IMAGE
  SOUND
  VIDEO

  While DC elements can appear in a user preferred order, in the instances of documents, the Europeana elements must appear after
  europeana:object
  europeana:subject
  
```

ESE XML schema



Impact on data providers and locally

- 705 content contributing organisations mobilised in total
 - 379 content contributing institutions identified by partners in preparatory survey work
 - 77 dropped out
 - But a further 403 involved as project progressed
 - Average of 26 per partner
- Huge awareness raising and dissemination effort by partners nationally and locally

Impact as seen by the partners at the Berlin meeting:

- Lots of Content
- Got the Rights statements included in Europeana metadata
- Got the naming of data providers (as opposed to just the aggregators) - included in metadata and displayed on Europeana site
- Involving lots of organisations (beyond the original partners)
- Learned how to install OAI-PMH repositories
- Better involvement/understanding/awareness at regional and local levels
- Better understanding of the importance of metadata standards and their impact on search results

Impact as seen by the partners at the Berlin meeting (2)

- Removed fragmentation
- The EuropeanaLocal Partners network itself
- Validating specifications and guidelines for Europeana
- Checked the content checker and provided comments which led to changes
- Helped to fine tune the harvesting processes
- Asked awkward questions
- Promoted aggregation
- Increased range of types of organisations contributing to Europeana – more smaller ones
- Raised the profile of Europeana – through National Workshops

Impact Study: Technical/organizational issues

What are the main technical and organizational issues faced by EuropeanaLocal content providers in your country	Number of content providers
Difficulties in complying with Europeana metadata and standards	9
Problems associated with OAI-PMH infrastructure or other hardware/software	13
Copyright/IPR issues	8
Issues related to the 'politics of aggregation' or domain relationships	4
Costs	10
Availability of qualified staff	9
Other	3

Impact Study: Issues resolved?

Please indicate to what extent these issues have been resolved against the following scale:	Completely	Substantially	Partly	Slightly	Not at all
Difficulties in complying with Europeana metadata and standards	5	8	2	2	1
Problems associated with OAI-PMH infrastructure or other hardware/software	4	7	6	0	2
Copyright/IPR issues	3	5	3	1	5
Issues related to the 'politics of aggregation' or domain relationships	6	3	2	2	4
Costs	2	4	2	5	6
Availability of qualified staff	2	4	4	5	3
Other	5	0	1	0	3

Impact Study: Other impact ratings

1 is low impact and 5 is high impact

What impact has EuropeanaLocal had on:	1	2	3	4	5
Cultural institutions' attitudes towards providing content for Europeana?	1	4	2	8	10
Take up of Europeana-compliant standards by content providers?	4	6	8	3	4
Changes in national or regional policies and strategies (e.g. for digitization, aggregation and digital services)?	3	8	3	7	4
Making metadata (and content) openly available in general?	5	3	4	7	6
IPR issues, rights management and licensing	6	3	8	6	2
placing content in the public domain?	7	5	5	6	2
Availability of funding?	11	7	2	3	1

Impact Study: Aggregation progress

What was the situation at the start of the project regarding the aggregation of local and regionally-sourced digital content metadata in your country

None existed **9**

One or more existed, but only covered a. A limited number of local or regional institutions **2**

One or more existed, but only covered b. A limited geographical or administrative area **2**

One or more existed, but only covered c. Some institutional domains [say which] **4**

An aggregator already existed with the intention to incorporate all or most local and regional content but had made only limited progress (please name the operating organization) **2**

More than one national aggregation service aiming to include local and regional content existed in an unclear or competing environment (please name the operating organizations) **2**

A fully functioning national aggregator service already existed (please list the operating organization) **4**

What do you expect will be the situation by the time of the end of Europeana Local? + /-

None will exist **0 +9**

One or more will exist, but will only cover: a. A limited number of local or regional institutions **4 +2**

One or more will exist, but will only cover: b. A limited geographical or administrative area **3 +1**

One or more will exist, but will only cover: c. Some institutional domains [say which] **4 -**

An aggregator will exist with the intention to incorporate most or all local and regional content metadata but will not have yet achieved its aim (please name the probable operating organization) **6 +4**

More than one national aggregation service aiming to include local and regional content metadata will exist in an unclear or competing environment (please list the probable operating organizations) **3 +1**

A fully functioning national aggregator service will be in existence (please name the probable operating organization) **5 +1**

Impact Study: impact on aggregation

What impact do you believe EuropeanaLocal has had on any progress achieved in the aggregation of local and regional content since June 2008?

Critical	3
High	8
Some of evident	12
Little	2
None	0

Impact Study: Relationships with Europeana project 'family'

	Athena	Arrow	CARAR E	EFG	EUScre en
Joint national meetings or events	10	1	4	3	2
Joint work on establishing aggregations	2	0	0	0	0
Agreements on domain responsibilities	2	0	0	0	0
Exchange of knowledge and information	13	1	2	4	1

Conclusions

- Europeana Local contributed about 30% of total content in Europeana Rhine release and 26% at the end of EuropeanaLocal (May 2011)
- Much greater than expected expansion by partners of content providers throughout Europe
- Significant progress in European aggregations infrastructure
- Most technical challenges resolved: longer term systemic problems (finance, qualified staff availability) remain
- Nature and future contribution of local 'archival' records to Europeana needs further investigation
 - Municipal/regional archives, church councils, local history associations
 - Norsk Kulturråd (ABM Utvilking) (Norway), Gironde (France), Limburg (Belgium) are major examples in Elocal
- The job is not yet complete!