

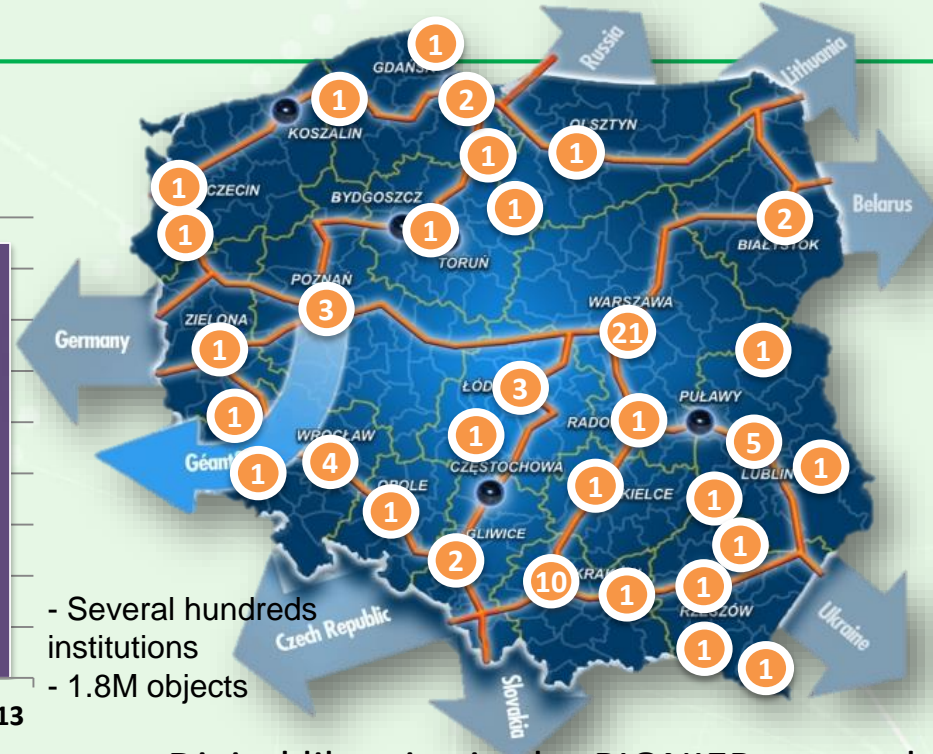
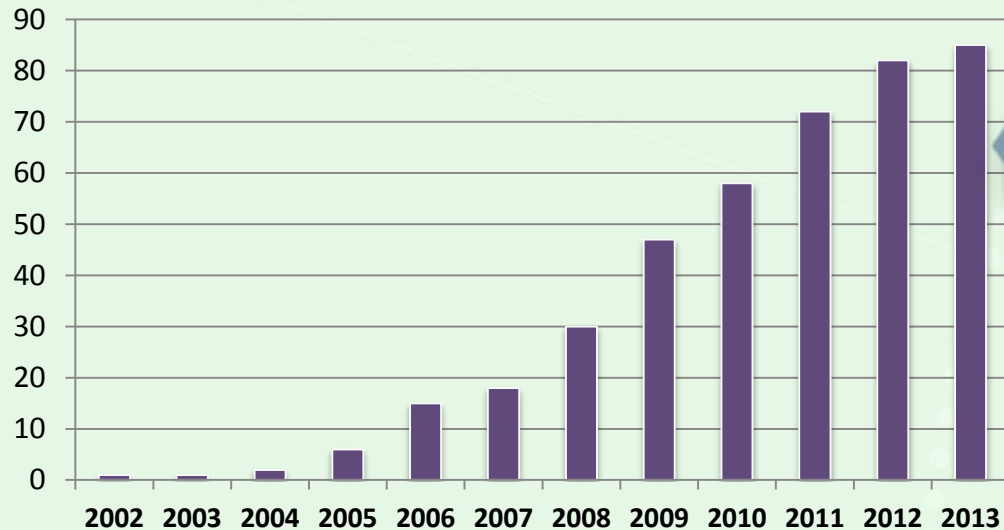


Polish Digital Libraries Federation

Marcin Werla, PSNC Digital Libraries Team Leader
Novi Sad, 05 June 2014

Development of digital libraries infrastructure in Poland

Increase of the number of digital libraries between 2002 and 2013



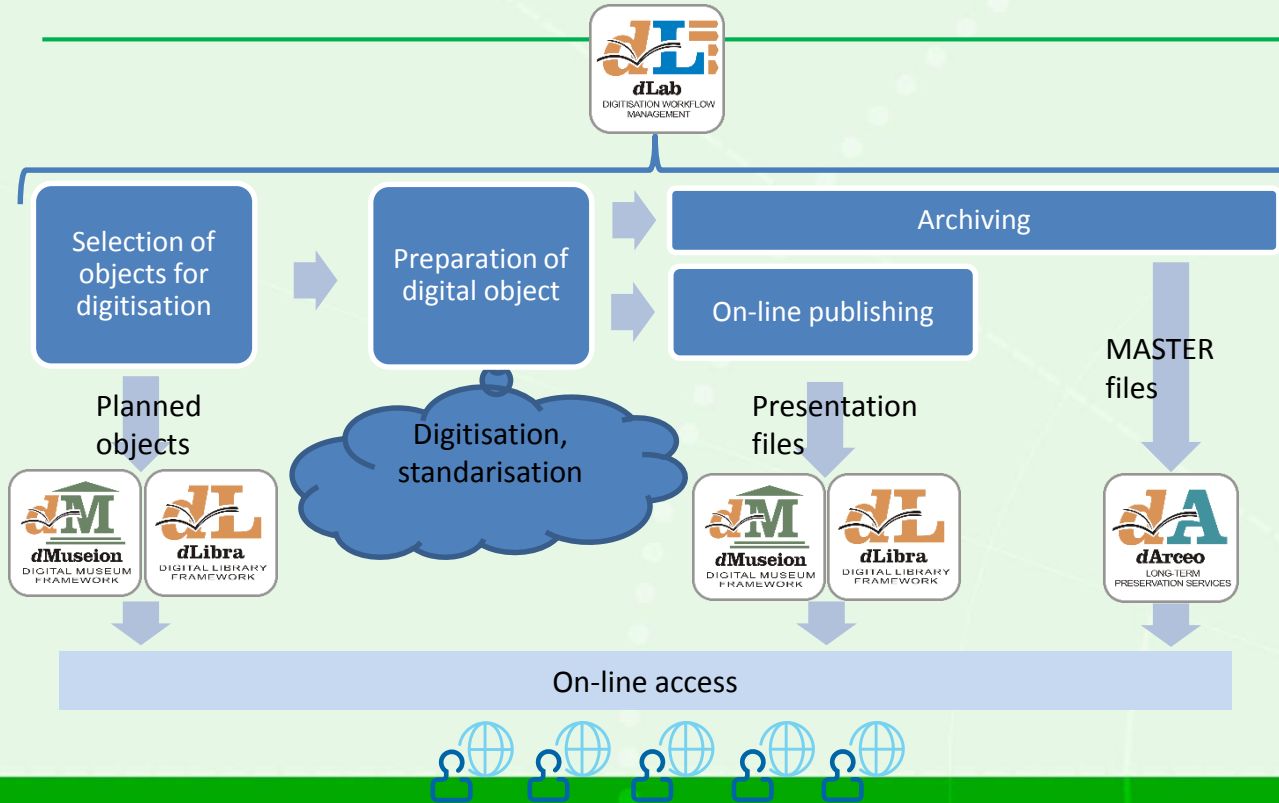
Digital libraries in the PIONIER network

DInGO software – „Digitise and Go”

- dLibra: system for digital libraries (e.g.: <http://jbc.bj.uj.edu.pl/>)
- dMuseion: system for digital museums (e.g.: <http://cyfrowe.mnw.art.pl/>)
- dLab: system for management of digitisation processes
- dArceo: system for long-term digital preservation

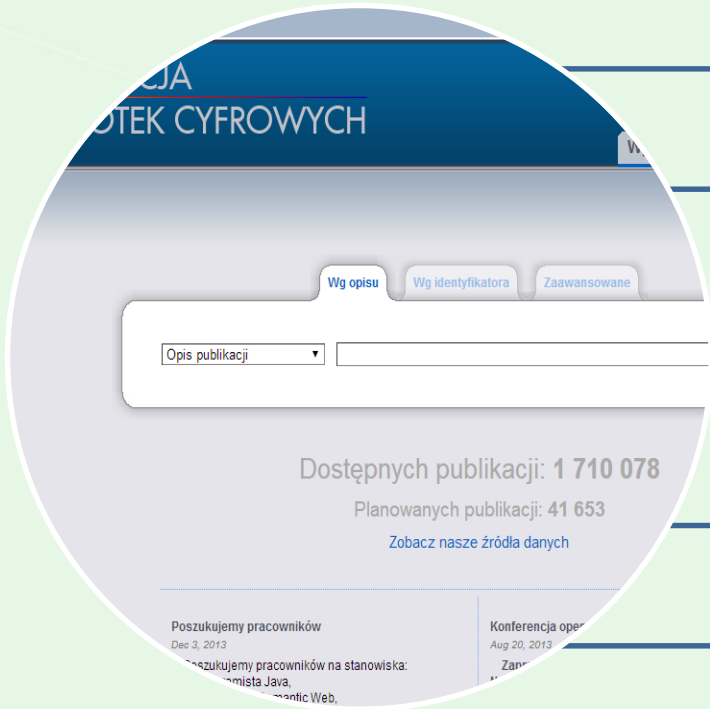


Digitisation process and DInGO software



Digital Libraries Federation

<http://fbc.pionier.net.pl/>



Public portal

- Searching, browsing
- Digitisation plans, persistent identifiers

Data provider for external services

- Europeana, DART-Europe
- KaRo

Information website for DL creators

- News, publications
- Digital libraries database

Advanced services for DL administrators

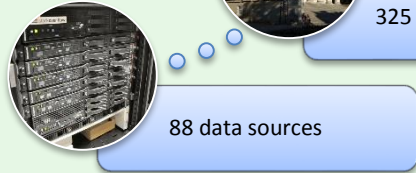
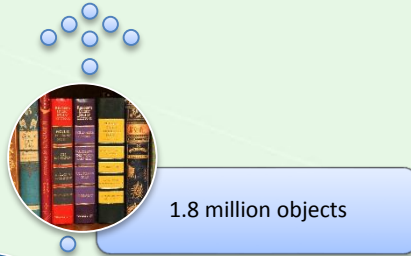
- Traffic monitoring
- Metadata analysis module

Competence center for professionals

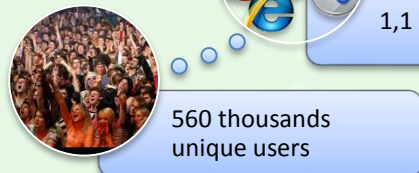
- E-learning courses
- Q&A platform

Federation statistics

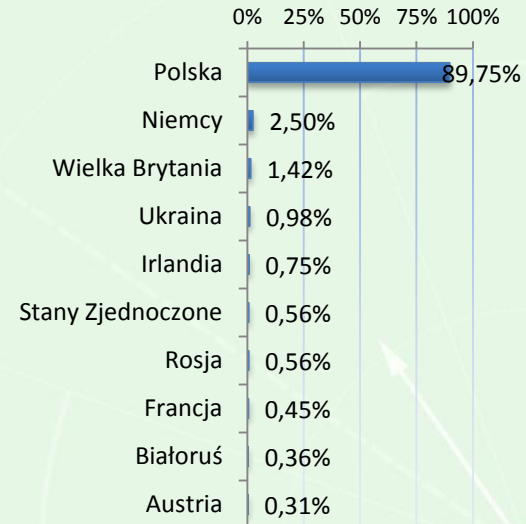
Presently:



During last year:



Visits by country



Collaboration with Europeana

Europeana.eu = European Digital Library, Museum and Archive

2009

Beginning of
collaboration in
EuropeanaLocal

Federation
connected to
Europeana

2010

Europeana API
pilot program
participation

2011

Polish edition of
Hack4Europe

2012

Two more
Hack4Europe
contests as a
part of
Europeana
Awareness
project

2013

Collaboration
on Europeana
1989

Europeana
Cloud project
started



europaena
pomyśl o kulturze

Spreading good practices in Europe

- As a part of ACCESS IT/ACCESS IT Plus projects two e-learning courses were created, covering digitisation and digital libraries topics
 - They were translated and made available in Albania, Bosnia, Croatia, Greece, Poland, Serbia and Turkey
 - In different language versions over **1 000 persons finished these courses**
- To make it easier to apply in practice, we made **DigitLab** – an operating system which supports digitization
 - In 2013 it won **3rd prize** in the contest of Polish Foundation for Free and Open Software for the best academic open source project
 - <http://digitlab.psnc.pl/>



IMPACT European Center of Competence

<http://digitisation.eu/>

Shared infrastructure for digital libraries competence centers

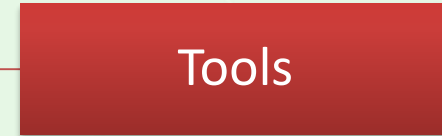
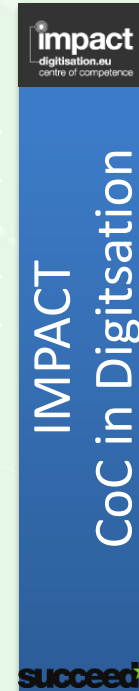
Optimization of resources usage in digitisation processes

Standardization of data and tools

Prizes, contests, events

Best practices

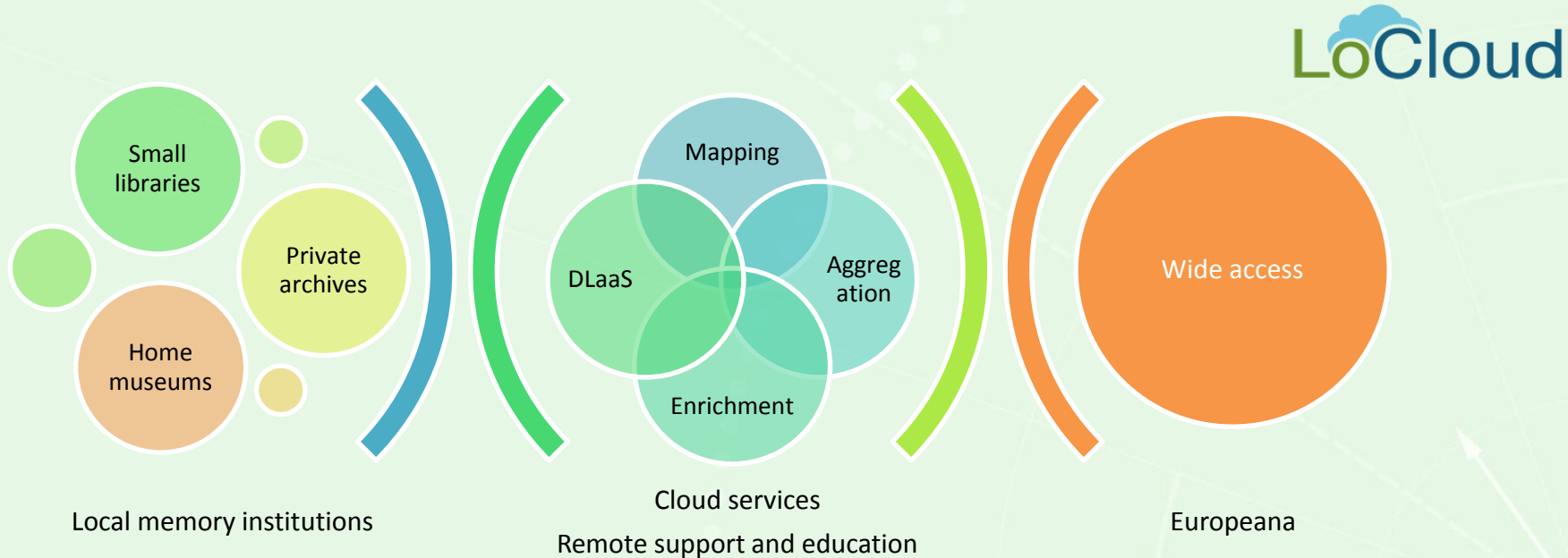
Founding members



Cloud technologies in the cultural sector

Small institutions: LoCloud

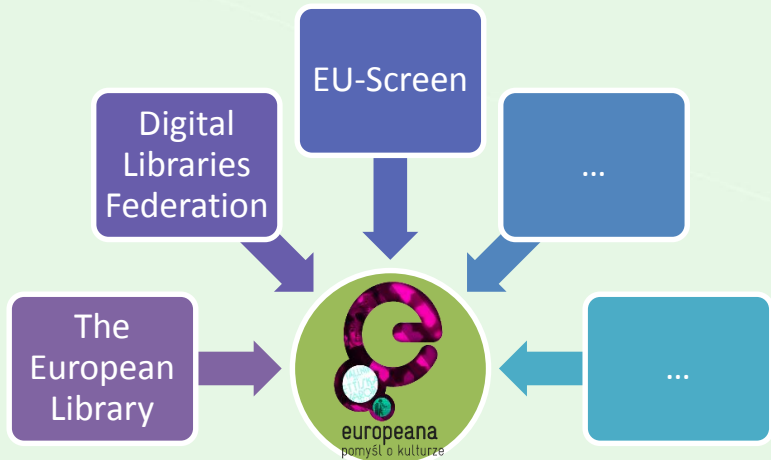
<http://locloud.eu/>



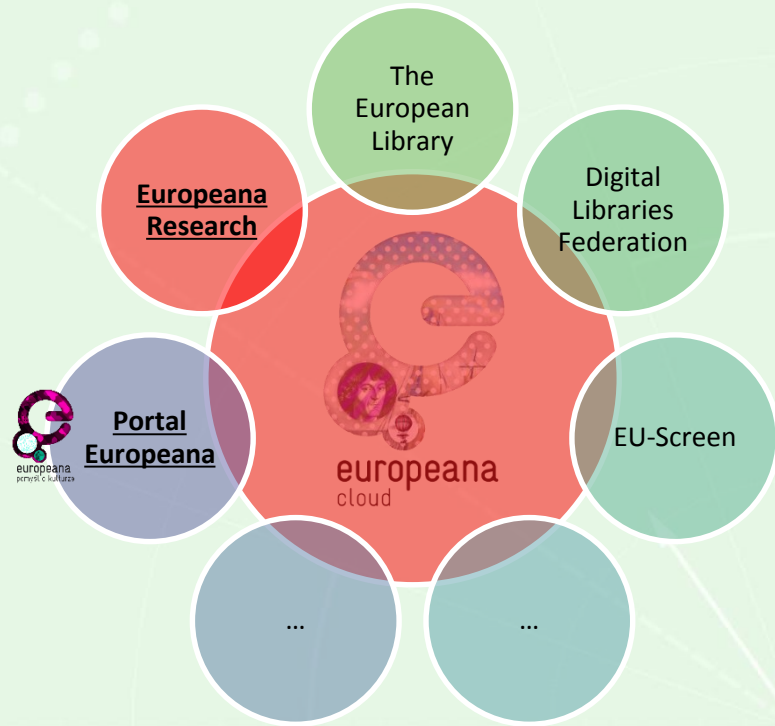
Cloud technologies in the cultural sector

European infrastructure: Europeana Cloud

<http://pro.europeana.eu/web/europeana-cloud>



VS



Most important success factors

- **Regional collaboration**

- Development of digital libraries in Poland as they are at the moment was initiated as a series of regional projects, often WITHOUT any dedicated external funding
- In such “regional digital library” model there are usually:
 - One host institution which is providing the technical infrastructure
 - A number of partners providing content
- First consortium was: Poznan Foundation of Scientific Libraries, PSNC, academic and public institutions from the Wielkopolska region – <http://www.wbc.poznan.pl/>
- Such approach
 - Allows to lower the costs for each participating institution (in many aspects)
 - Gives small libraries opportunity to promote their collections on-line
 - Provides natural platform for collaboration for next projects
 - Requires the acceptance of regional consortium “identity”

Most important success factors

- **Good technical support**
 - Shared technology platform (in case of Poland: dLibra/DInGO)
 - Common development directions
 - Shared development costs
 - Lack of typical risks related to project-based funding
 - Not maintained in-house solutions
 - Abandoned commercial software
 - Rising prices and vendor lock-in
 - Documentation and technical support available locally
 - Natural environment for development of good users community
 - **Requires reliable technology partner with proper business model**

Lessons learned

- **Bottom-up approach** made all that possible
 - *Did I forget to mention any central institutions in my presentation?*
- but...
 - Some things were **not standardized initially on central level** and then “standards” were created in many places in parallel
 - 40+ variations of Dublin Core
 - Other **solutions were blindly copied**, while they could be tailored to specific local needs
 - The curse of DjVu format popularity

Most important challenges

- **Quality in mass digitization projects**
 - How to check within a month the quality of what a commercial company was preparing for 6-8 months?
 - How to eliminate cheating companies and not cancel the project?
- **Long-term digital preservation**
 - How to make sure that results of hundreds of digitisation projects are properly secured for the future?

Most important challenges

- **Data interoperability**
 - How to make sure that newly developed small systems follow best digital libraries practices?
 - How to use data automatically with tools for digital humanities researchers?
- **Open access to data and proper rights labelling**
 - Metadata – copyrighted or not?
 - Europeana requires CC0 statement
 - Content
 - Is digitisation a creative process?
 - Can commercial reuse of public domain materials be free?
- **Coordination of Europeana-related efforts**
 - Assuring proper representation of Polish heritage



Thank you for your attention!
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