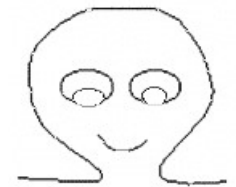




# Digital Humanities



## Dariah and other digital humanities projects

Warsaw University, 27 November 2014

Włodzisław Duch  
Under-Secretary of State  
Ministry of Science and Higher Education



## I want to Digitize

Many initiatives towards digitization of almost everything in the world ... net is the place to be (forget libraries ...).

Funds from national budget or EU operational programs: Innovative Economy (POIG), Human Capital, Regional Programs, flowing through different channels.

In 2014-2020 new operational program „Digital Poland” (POPC, [PO Polska Cyfrowa](#)).

Worth about 8 mld PLN (2 bln €), including digitization of public data, creation of repositories of cultural objects.

# Thoughts

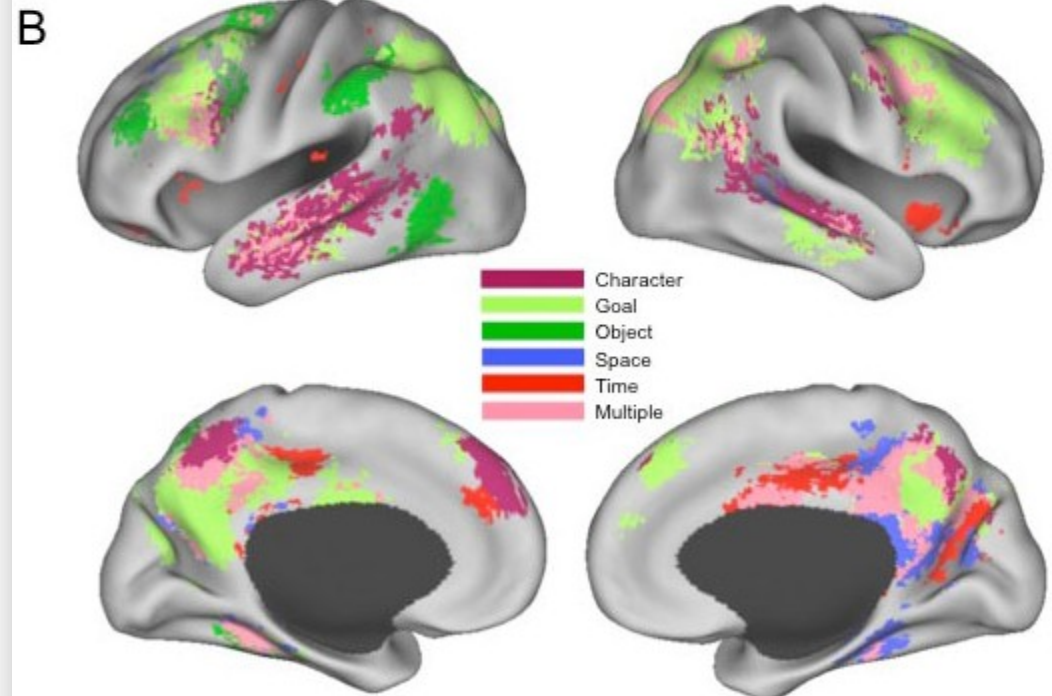
Nicole Speer et al. Reading Stories Activates Neural Representations of Visual and Motor Experiences. Psychological Science 2009; 20(8): 989–999.

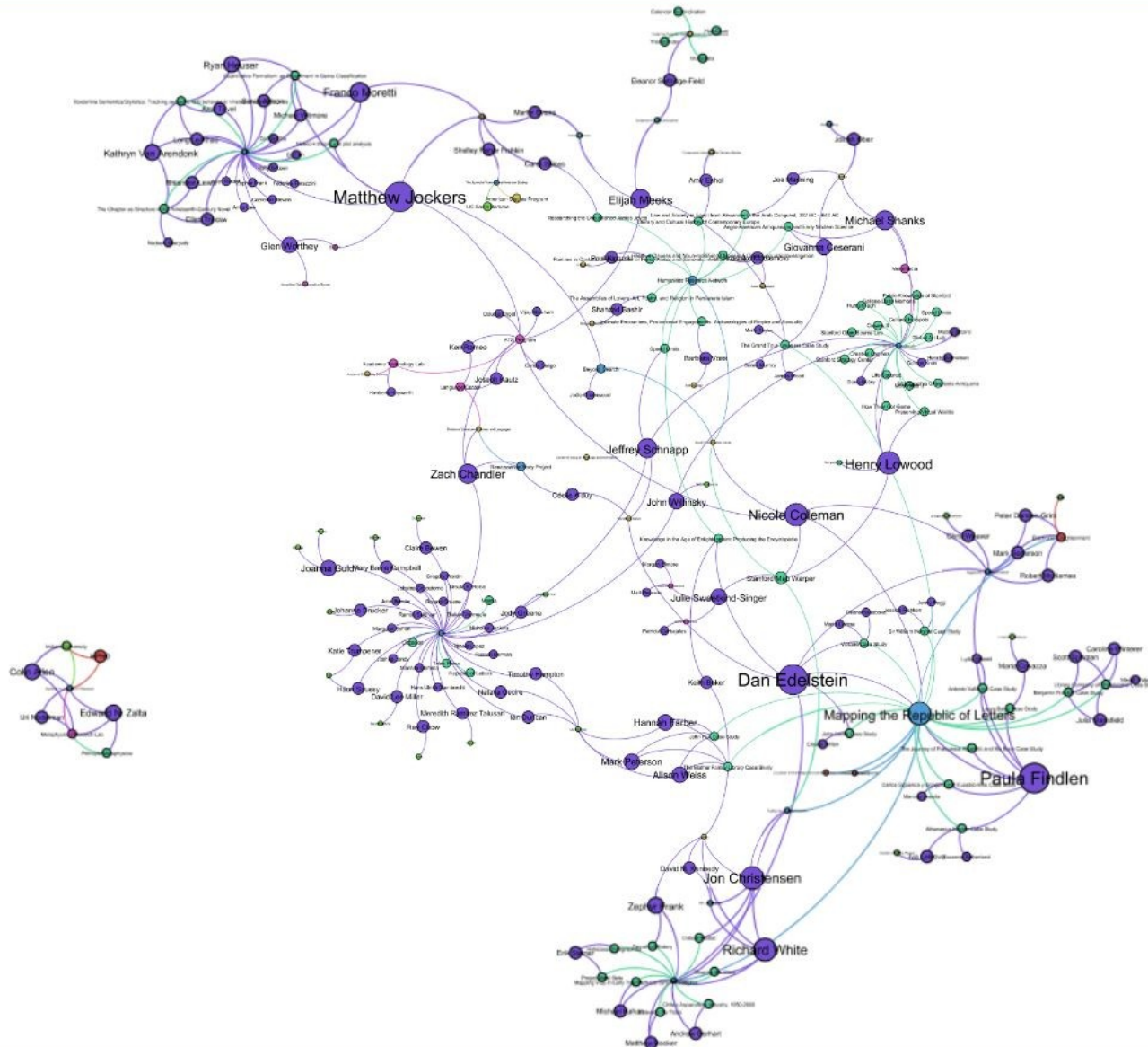
**Thought:** spatiotemporal pattern

**Meaning:** always slightly different, depending on the context, but still may be clusterized into relatively small number of distinct meanings.

A

Clause	Cause	Character	Goal	Object	Space	Time
...[Mrs. Birch] went through the front door into the kitchen.	●				●	
Mr. Birch came in	●	●			●	
and, after a friendly greeting,	●					●
chatted with her for a minute or so.	●					●
Mrs. Birch needed to awaken Raymond.		●				
Mrs. Birch stepped into Raymond's bedroom,			●		●	
pulled a light cord hanging from the center of the room,				●		
and turned to the bed.						
Mrs. Birch said with pleasant casualness, "Raymond, wake up."						
With a little more urgency in her voice she spoke again:						
Son, are you going to school today?						
Raymond didn't respond immediately.		●				●
He screwed up his face			●			
And whimpered a little.						









## Repositories in Poland

In the middle of 2014 we had 24 active scientific repositories:

22 – institutional repositories

1 – specializing in history, art, music ... (Lectorium.pl)

1 – Center for Open Science repository.

What kind of institutions create them?

- Universities, national and private (over 700 supported)
- Polish Academy of Science (70 units)
- Consortia of research institutes (116 institutes)
- Scientific Societies

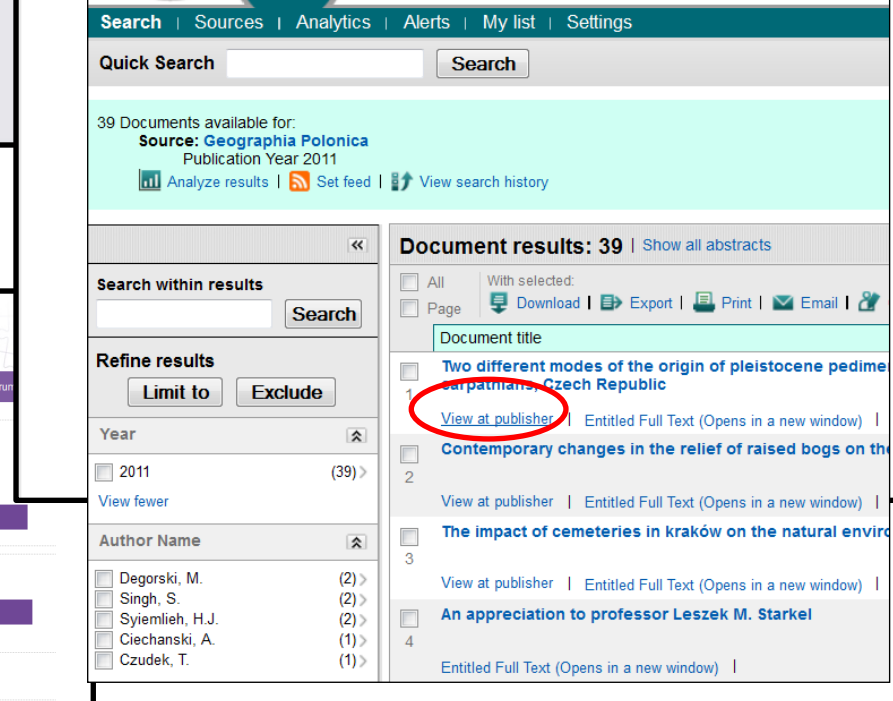
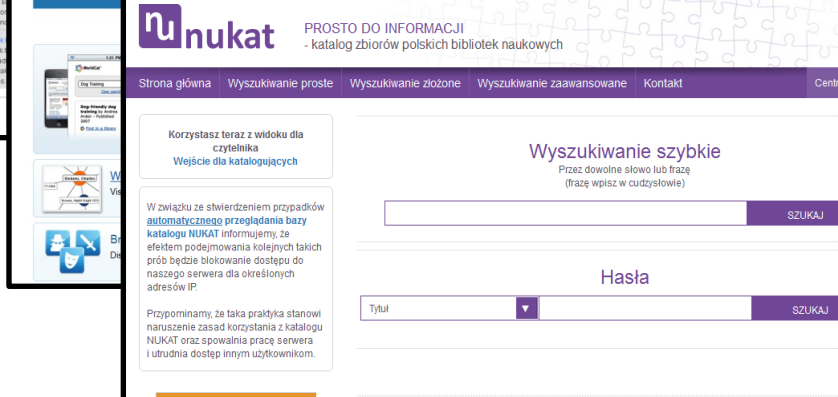
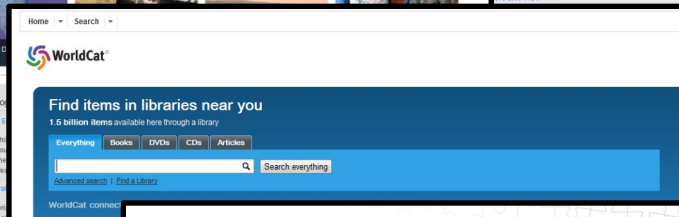
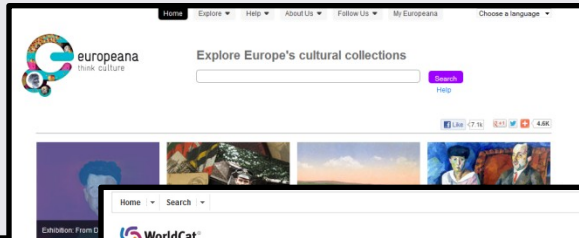
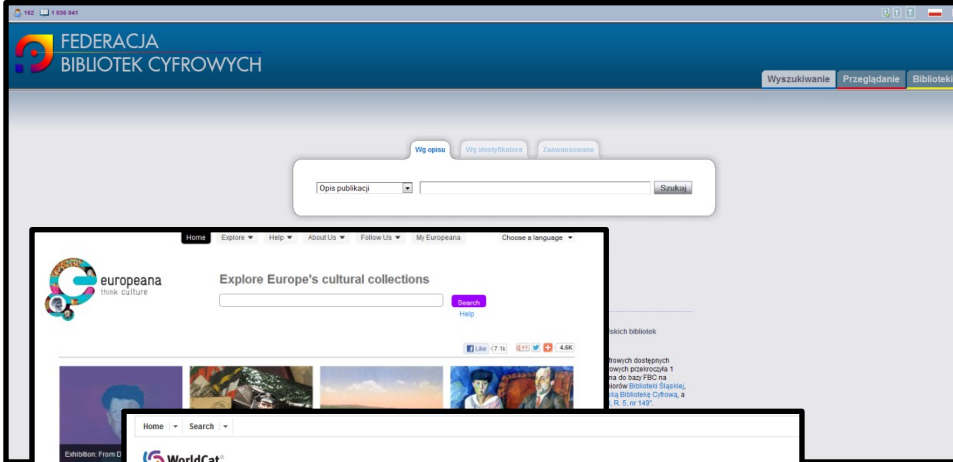
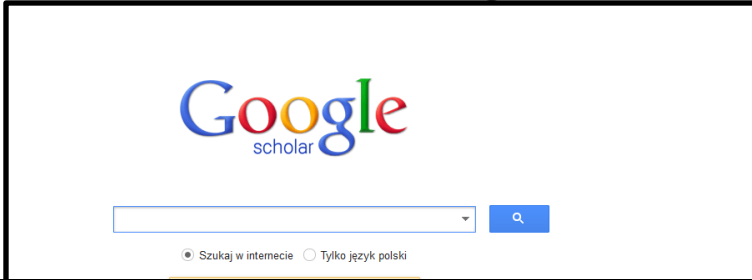
RCIN (<http://rcin.org.pl>) includes professionally prepared current scientific publications of the **Academy of Science and Research Institutes** (over 40 now) including:

- journals,
- XIX & XX century reprints
- incunable
- maps,
- old prints,
- manuscripts,
- photographs,
- multimedia (audio)



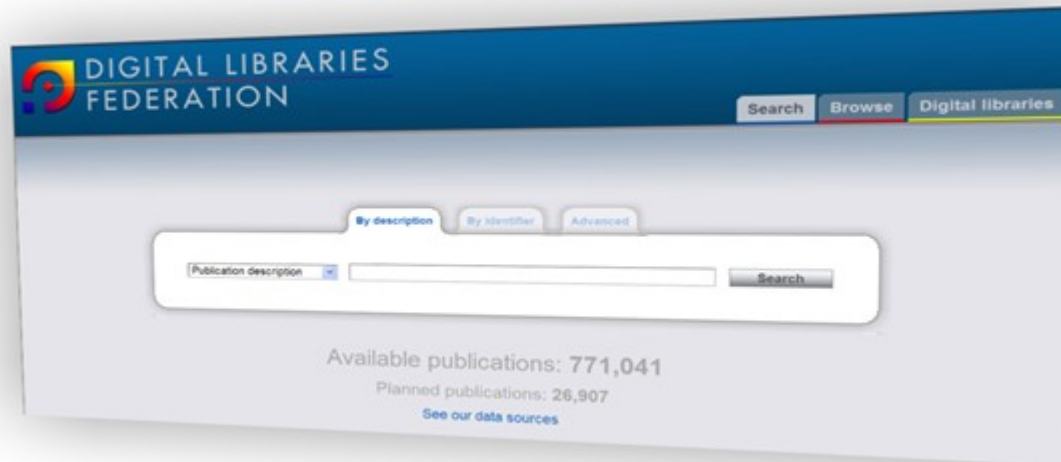


# RCIN links to many libraries



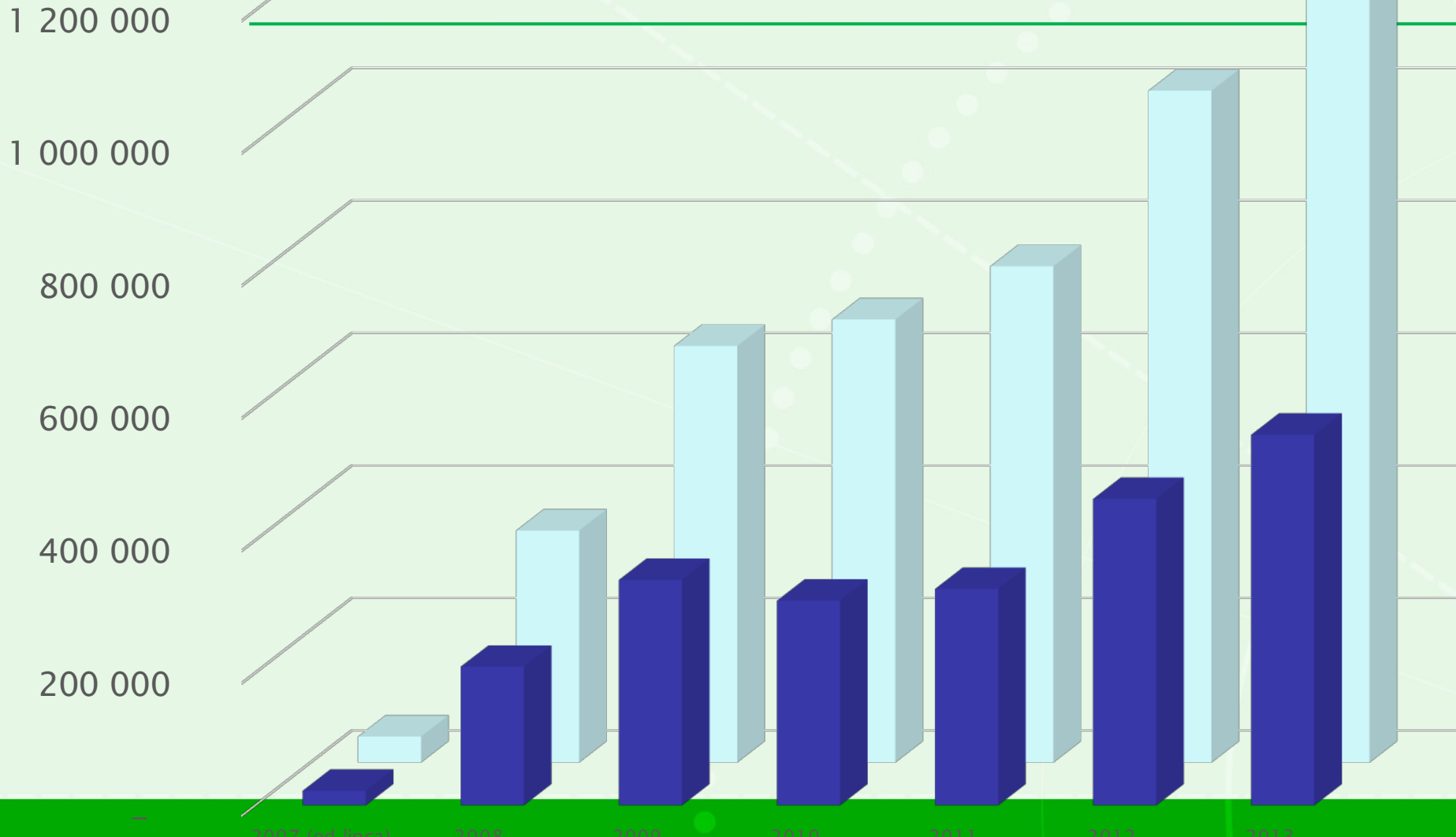
## Federation of Digital Libraries

- digitalization and access to the Polish cultural heritage,
- Over 2 mln of objects (mid 2014), over 560.000 unique users,
- 105 data sources and 350 institutions contributing,
- one of the top providers of digital content to the “EUROPEANA” – European library of cultural heritage



## Usage of the Federation of Digital Libraries

Dane wg Google Analytics





# Digital Library of Scientific Publications ACADEMICA

The Digital Library of Scientific Publications ACADEMICA is an innovative project which consists in creating a digital database of books and scientific journals, copyright protected, available through a interlibrary loan system.

Downside: only in the library. Good as temporary solution.

Solution: Open Science

The screenshot shows the website for the Digital Library of Scientific Publications ACADEMICA. At the top, there is a navigation bar with the logo of the National Library of Poland (BIBLIOTEKA NARODOWA) and a search bar. Below the navigation bar, there is a main header with the title "Cyfrowa Biblioteka Publikacji Naukowych ACADEMICA". The main content area features a large "ACADEMICA" logo and a paragraph describing the project as a modern initiative for creating a digital database of scientific publications. A sidebar on the left lists various services and programs, including "Rewitalizacja Pałacu Rzeczypospolitej", "Centrum Kompetencji", "Program MAK", "ISBN", "ISMN", "ISSN", "Program CIP", "Usługi reprograficzne", "Filmowanie i fotografowanie zbiorów", "Wypożyczenia międzybiblioteczne", "Wypożyczanie zbiorów na wystawy", "Konserwacja zbiorów", "Odkwaszanie zbiorów", "Wymyślenie materiałów za granicę", "Zwiedzanie BN", "Wynajem pomieszczeń", "Usługi gastronomiczne", and "Pokoje gościnne".

## Virtual Library of Science

- access for Polish researchers to the scientific repositories of the most important publishers in the world: Elsevier, Springer, Web of Knowledge, EBSCO, Nature, Science (financed fully by the Polish government),
- access to other repositories, co-financed by the Polish government,
- possibility of free-of-charge publication in open-access mode for Polish scientists in journals of selected publishers (like Springer), financed by the Ministry.





## **Electronic academic textbooks**

In 2014 we have opened a possibility to create national licenses for free electronic books.

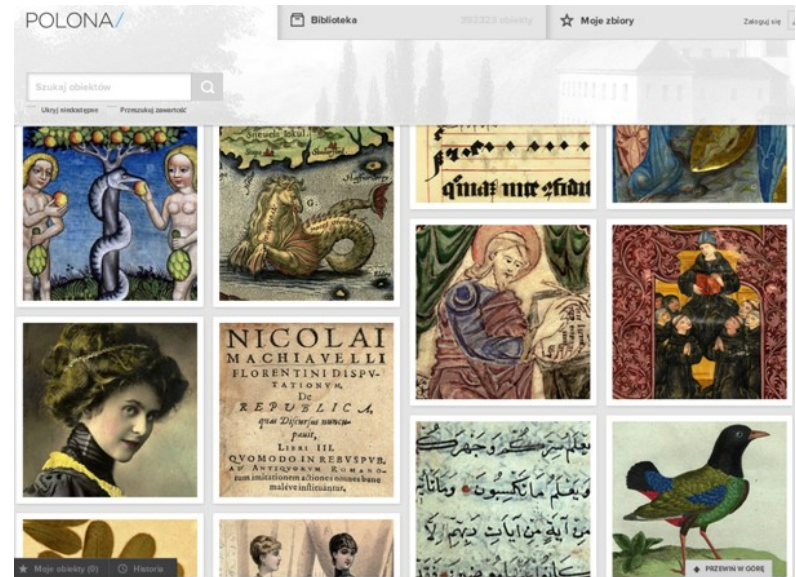
As a part of the Virtual Library of Science we shall help university consortia to fund academic textbooks (in electronic form) used in the educational process.

Not many full courses yet are available through WWW

Regretfully, no MOOCs ... this model in EU needs strong financial support from government.

# Polona portal

**Polona** is a modern portal that makes the National Library's collections available for the general public on the internet. It also presents collections from other cultural institutions.



Obiekty Kolekcje

Szukaj obiektów

Ukryj niedostępne Przeszukuj zawartość



Wyszukiwanie zaawansowane

Kryteria wyszukiwania: 0 wyniki: 28307

Wyczyść

Szukaj w wynikach

dostępne z OCR

Typ 9

Źródło 16

Czas 15

Autor 99+

Miejsce 99+

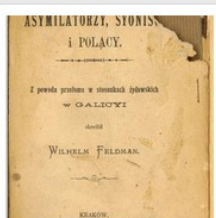
Wydawca 99+

Język 40

Częstotliwość 2

Gatunek 99+

Słowa kluczowe 99+



Feldman, Wilhelm (1868-1919)

Asymilatorzy, syoniści i Polacy : z powodu przełomu w stosunkach żydowskich w Galicji

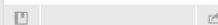
1893



Fredro, Aleksander (1793-1876)

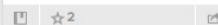
Nowy Don Kiszot czyli sto szaleństw : krotoczwila we 3 aktach wierszem ze śpiewami

[1897]



Algorithmus linealis : cu[m] pulchris conditionibus dua[rum] regula[rum] de tri vna de integris, altera vero...

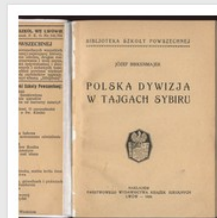
1513



Cardon, Antoine (1772-1813)

General Thaddeus Kosciuszko

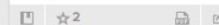
1797



Birkenmajer, Józef (1897-1939)

Polska dywizja w tajgach Sybiru

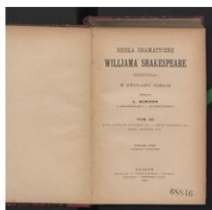
1934



Zacharkiewicz, Wojciech

Hold winny, sprawiedliwy i rzetelny Nayiasnieszemu Stanislawowi Augustowi Krolowi JMCi Polskiemu...

1793



Shakespeare, William (1564-1616)

Dzieła dramatyczne Williama Shakespeare (Szekspira) : w dwunastu tomach. T. 3, Król Henryk VI. Cz. 3 ; Król...



Vogel, Zygmunt (1764-1826)

[Dom Juliana Ursyna Niemcewicza w Ameryce (Elizabeth, New Jersey)]



Callot, Jacques (1592-1639)

[Saint Thomas]



Łabęcki, Baltazar (?-1645)

Anatomia conscientiae to est Rozebranie i rostrząśnienie smnienią czlowieczego w kazaniach wcyzione : a...



Fox, Jan

Oratio ad ill[ustrissim]um et reuer[endissim]um ... Bernardum Macielowski S.R.E. cardinalem ... post...



Polska czeka...



## dLibra

- the first Polish system for building digital libraries,
- dLibra is used by institutions such as academic and public libraries to make stored digital publications available on the Internet





## Central Repository of Thesis

The Ministry of Science and Higher Education creates a Central Repository of Thesis.

Each university will be required to verify the originality of its students' thesis before the final exam using an in-house anti-plagiarism program interfacing with the Central Repository of Thesis.

The inclusion of university thesis databases to expand the Central Repository of Theses will facilitate plagiarism detection both by the promoter and by the Polish Accreditation Committee.

The entity responsible for administering the Central Repository of Theses will be the minister responsible for higher education, while the choice of anti-plagiarism software will be up to each university.

The regulations will be effective from the academic year 2015/2016.

## Polish Scholarly Bibliography (PBN)

The Polish Scholarly Bibliography (PBN) is a portal of the MS&HE, collecting information on publications of Polish scientists in Polish and foreign scholarly journals.

It is a part of POL-on, the System of Information on Higher Education.

### **With the Polish Scholarly Bibliography one can:**

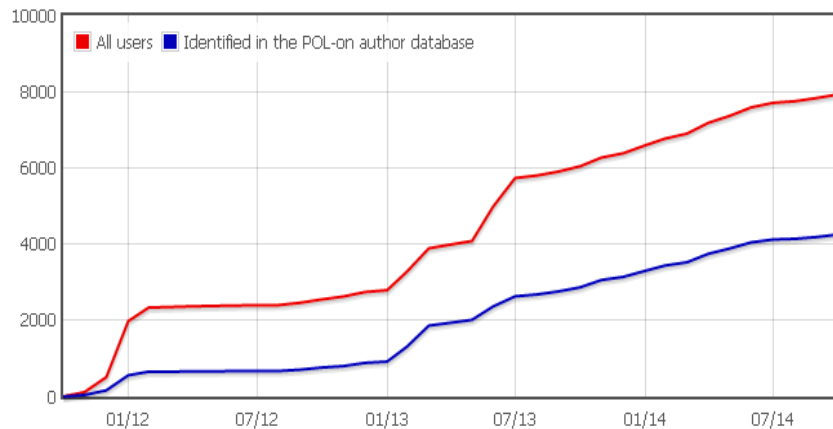
- create a public bibliography of a person or an institution,
- get to know the achievements of Polish scholars and institutions,
- submit a journal questionnaire during an evaluation period,
- enable users to deposit full texts of publications in a central repository.

### **PBN will also:**

- allow users to maintain personal and institutional bibliographies.
- integrate with institutional repositories in Poland.

# Polish Scientific Bibliography (PBN)

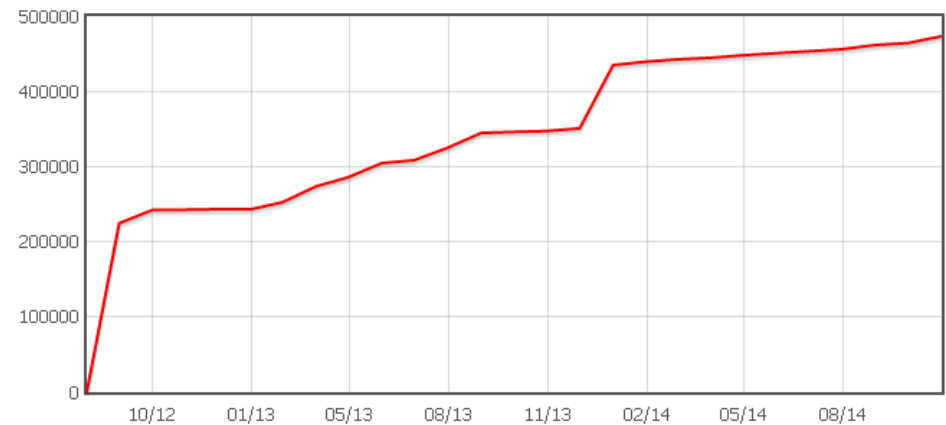
Number of registered users



*The growth of the number of registered users and authors in the PBN database*

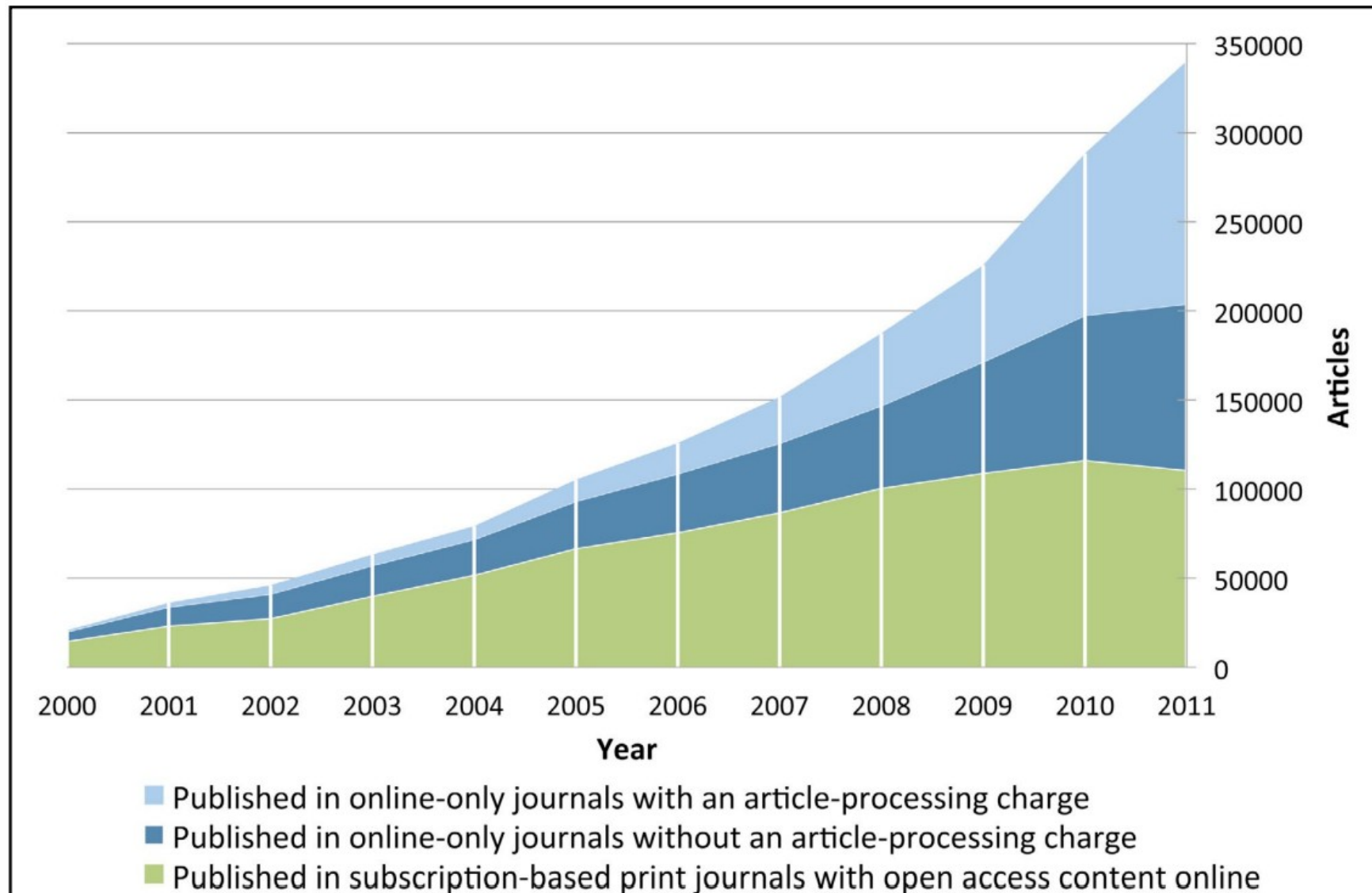
In 2015 should collect data from all repositories and become main tool for impact evaluation.

Number of publications



*The growth of the number of publications in the PBN database*

Figure 1. The evolution of the number of OA articles, broken down into three main groups<sup>8</sup>





## Encouraging Open Science by:

- access to scientific literature (journals and books) through national licenses for Springer, Elsevier, Wiley, Nature Publishing and other publishers;
- negotiating national licenses for Open Access publications in major journals, free for scientists, paid by the Ministry;
- creating our own repositories and digital libraries;
- creating our own platforms for open access Polish journals, supporting only open access journals; revenue of major English language STM publishers ~9.4 B\$
- participating in EU projects such as CLARIN, SSH, DARIAH





Ministry of Science  
and Higher Education

Republic of Poland

Thank you for your attention.

Prof. Włodzisław Duch  
Under-Secretary of State

tel.: +(48 22) 629 36 17

e-mail: sekretariat.mwd@nauka.gov.pl

address: ul. Hoża 20 \ ul. Wspólna 1/3 \ 00-529 Warszawa \ phone: +48 (22) 529 27 18 \ fax: +48 (22) 628 09 22

[www.nauka.gov.pl](http://www.nauka.gov.pl)