PCG Academia

When Evaluation Rules Change but the CRIS Remains:

Supporting National Research Assessment with DSpace-CRIS

(The Polish Experience)

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Service Provider



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OST Ostschweizer Fachhochschule

JAGIELLONIAN UNIVERSITY IN KRAKÓW

UNIVERSITY OF WARSAW

When Evaluation Rules Change ...

2013	2017	2022	2026	2031
4 criteria Evaluation of faculties Expert evaluation, elements of metrics Based on questionnaires	4 criteria Similar rules like in 2013 with some changes	3 criteria Evaluation in disciplines Metrics evaluation, elements of expert Based on ongoing reporting	3 criteria Similar rules like in 2022	4 criteria PROJECT Evaluation in disciplines Expert evaluation, elements of metrics Based on ongoing reporting and questionaire

The Polish way – current criteria of evaluation

1.	2.	3.
Publications and patents	Projects and research income	Research impact on the environment
Metrics, Most important criteria	Metrics, more important for exact science	Expert assesement

The Polish way – criteria of evaluation

1st criterion – before the evaluation

Step 1

Journal evaluation

Based on metrics with expert elements

Step 2

Proposal for the Minister

Minister can change the proposal

Effect:

Journals with low metrics can have high scoring

The Polish way



- 6 fields, 42 disciplines
- Author affiliation
- Impact factor, citescore, citations…
- Dublin core, Cerif standards
- Important for financing, rankings



- 10 fields, 56 disciplines
- Author’s consent
- Ministerial scoring
- Extended, specific metadata standard
- Important for financing

The Polish dillema



Choice of research priorities and strategy

Internationalisation

vs

Country evaluation results



What is University CRIS for? National research database in Poland



Publications, patents, projects, incomes, employees

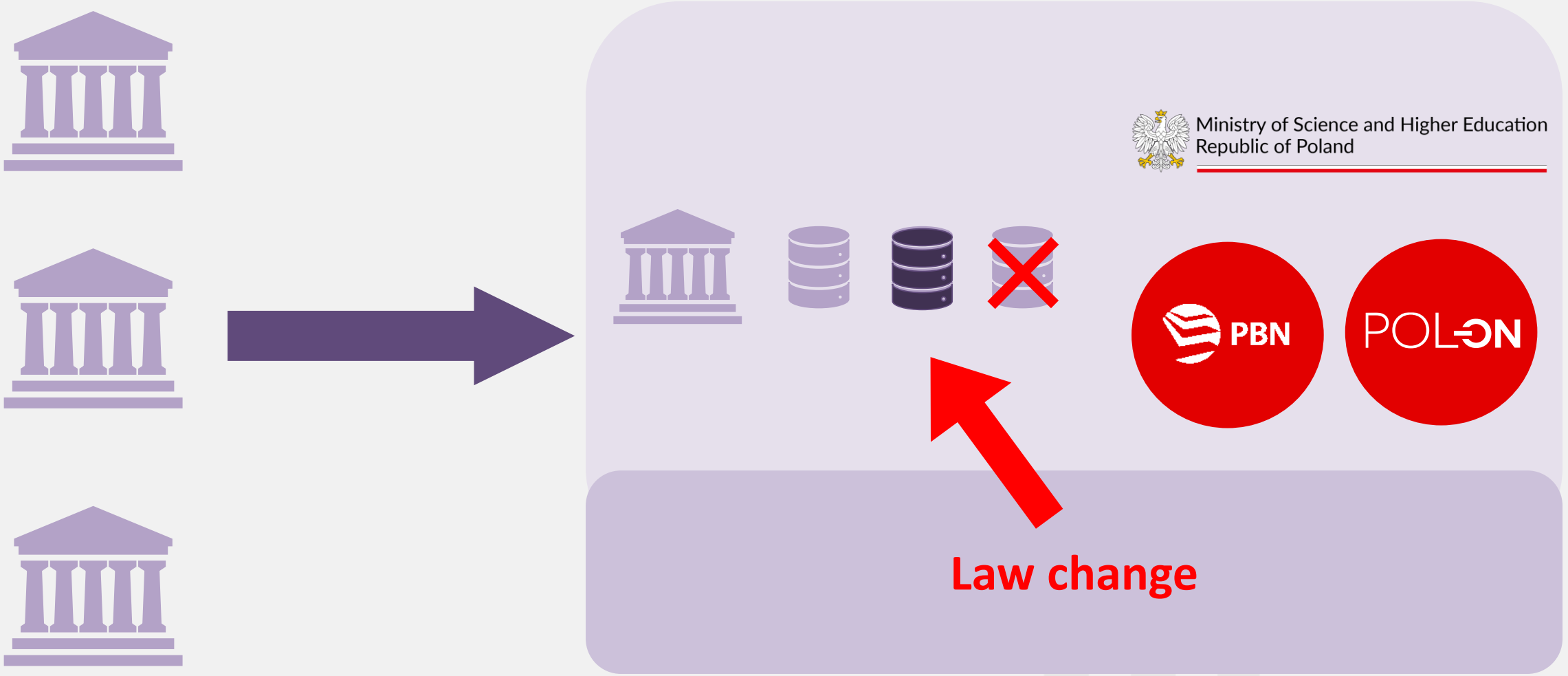
Ministry of Science and Higher Education
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Law regulates the data stored in national database

What is University CRIS for? National research database in Poland



What is University CRIS for? National research database in Poland

DSPACE CRIS



Complicated operations, enhancing metadata, data mapping

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What is University CRIS for? National research database in Poland

DSPACE CRIS

Integrating tools

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Remains unchanged

Change

Change

How the CRIS have to be organized in Poland

+10-25% additional metadata

DSPACE CRIS

	Publications	Patents	Projects
	Dublin core / cerif	Cerif	Cerif
	**Additional metadata** eg. evaluation participation, author constent	**Additional metadata** eg. Polish patent Office metadata	**Additional metadata** eg. amount of own contribution, info about other units

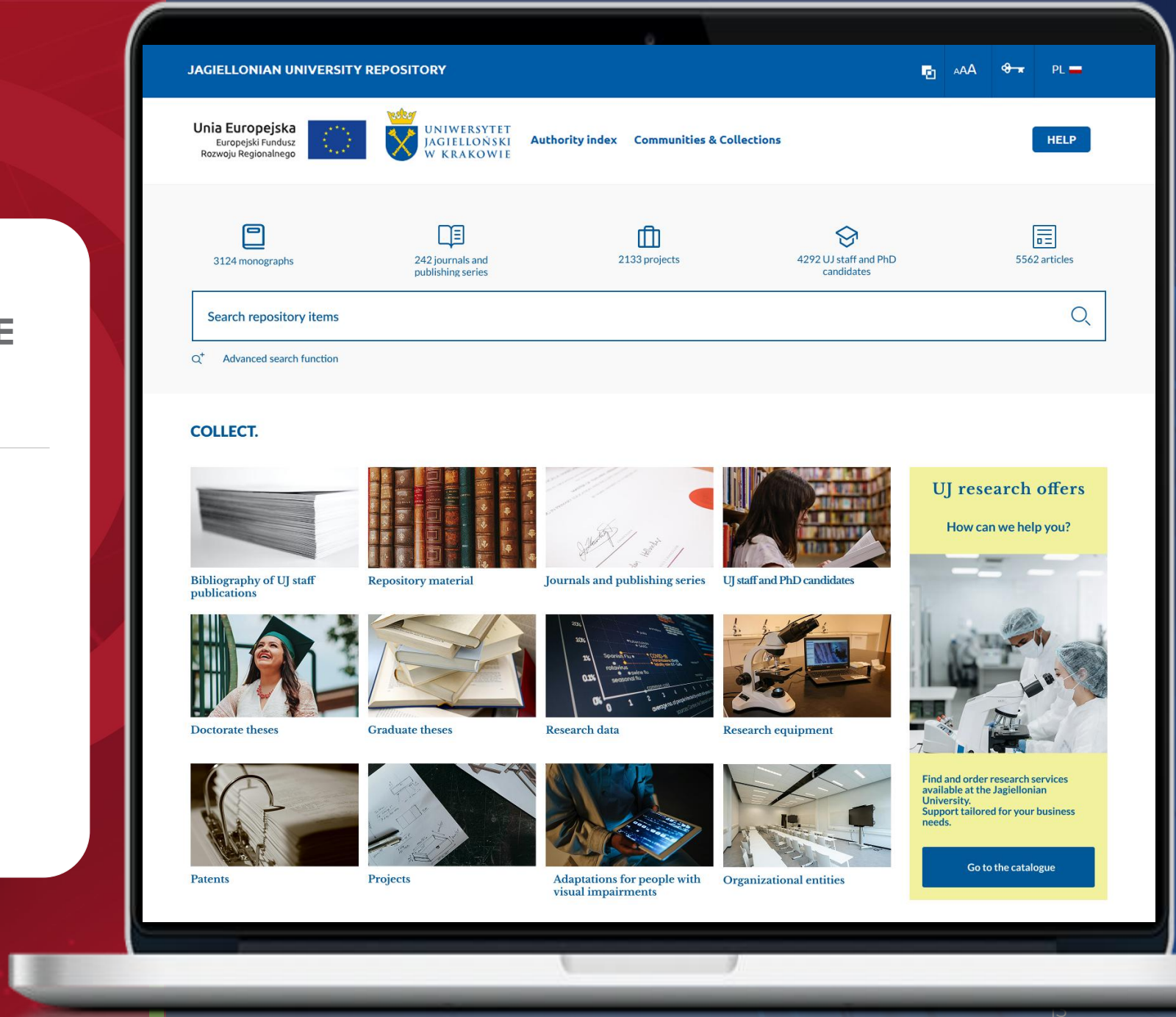
Case study

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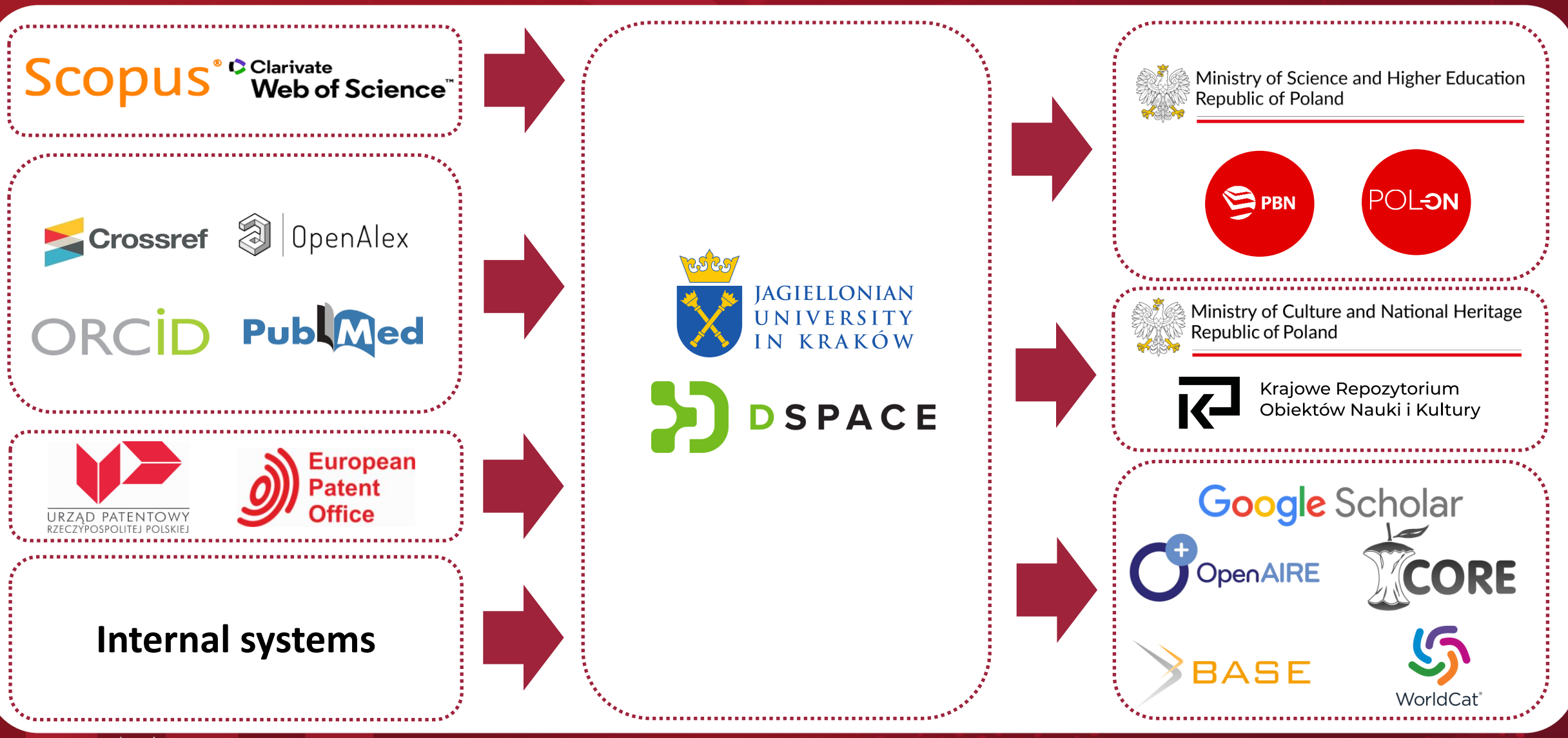
DSPACE

Repository into CRIS development

- **No. 1 public** University in Poland
- **More than 300 000** publications
- Internal systems integration (dean's Office, ERP)
- **External integrations (WOS, SCOPUS, EPO)**
- **Automatic data harvesters (OpenAlex, Crossref)**
- National CRIS system integration



Case study


Scopus
Clarivate Web of Science
Crossref
OpenAlex
ORCID
PubMed
URZĄD PATENTOWY RZECZYPOSPOLITEJ POLSKIEJ
European Patent Office
Internal systems
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Ministry of Culture and National Heritage Republic of Poland
Krajowe Repozytorium Obiektów Nauki i Kultury
Google Scholar
OpenAIRE
CORE
BASE
WorldCat

Case study

Scopus® Clarivate Web of Science™

- Possibility to **download** the data by DOI
- Integrating **citations, metrics** for publication and researchers

Case study



- Possibility to **download** the data **by DOI**
- Possibility to **download** the data **from ORCID**
- **Automatic data harvesters** from OpenAlex and crossref (by affiliation)

Case study



Possibility to **download the metadata for patent**

from european and polish patent Office.

Case study

Internal systems

Integrations:

- **ERP** → employees data
- **Dean's Office system** → doctoral students data
- **Project management system** → projects data
- **Jagiellonian Digital Library** → Digital heritage
- **„RODBUK"** – integrating research data

Case study

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DSPACE

Managing the publications, projects, patents, services data due to the international standards

Data integrator and optimalizer

sciencecloud by PCG Academia

Disciplines mapping

Evaluation context

Authors evaluation

consents

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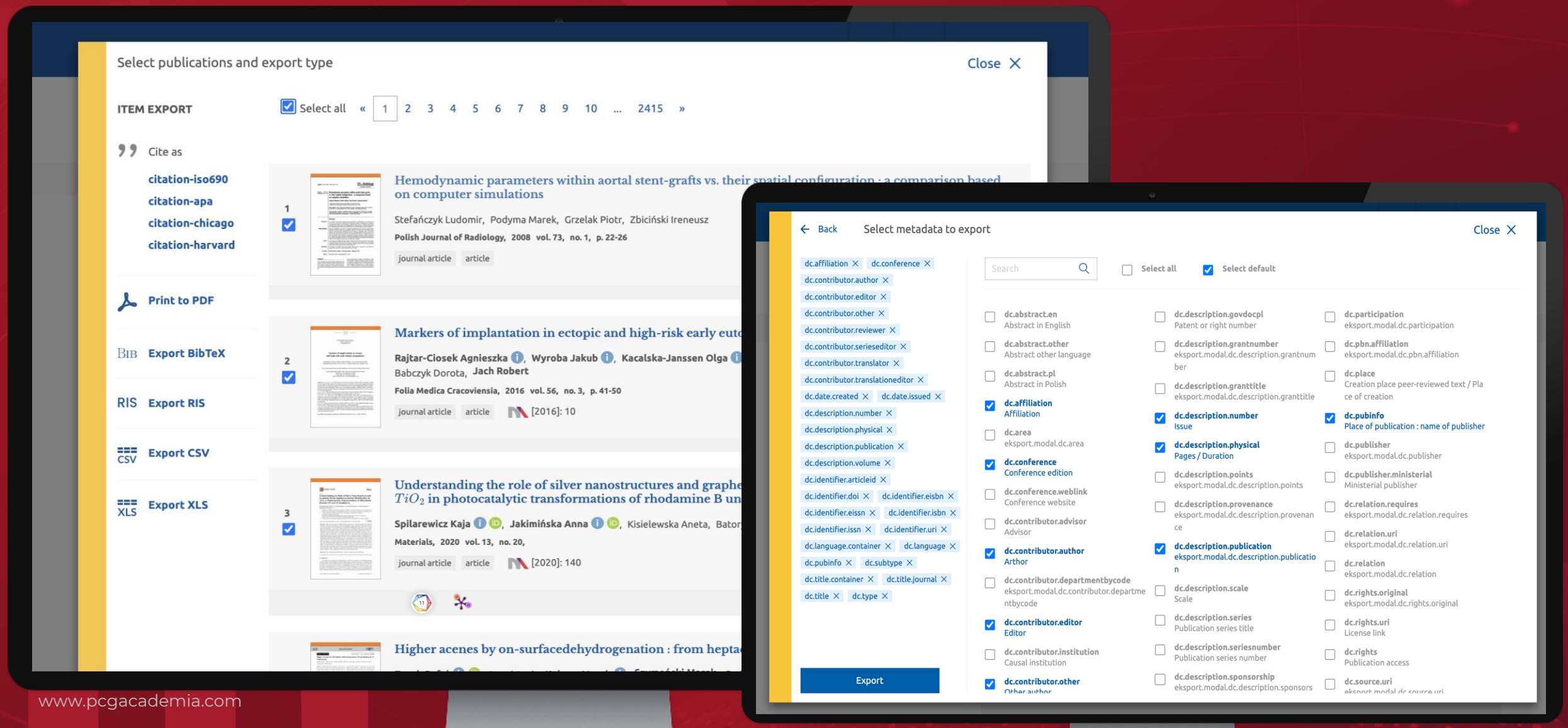
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Ministry of Culture and National Heritage
Republic of Poland

Krajowe Repozytorium
Obiektów Nauki i Kultury

Additional reports and export wizards



What is University CRIS for in Poland? Conclusions

- **Owning the data** - By implementing a CRIS, universities shifted from being mere “data providers” for state administration to becoming “data owners”.
- **Agility over rigidity** – A CRIS should be decoupled from any specific evaluation model in force at a given time. The data model should remain robust (CERIF-compliant), while the reporting layer must be flexible.
- **The CRIS as a buffer** – The CRIS protects researchers from the “bureaucratic noise” resulting from constantly changing national regulations by providing a stable interface for research output deposition.
- **A bridge to Open Science** – Despite the national emphasis on specific metrics, the use of DSpace-CRIS ensures that Polish research remains part of the global ecosystem through standardized OAI-PMH interfaces and persistent identifiers such as ORCID, DOI, and ROR.

Thank you for your attention



Łukasz Wawer

+48 722 005 330

lukasz.wawer@pcgacademia.pl