

Emerging trends for international collaboration in the CRIS domain

16th International Conference on Current Research Information Systems (CRIS2024)

Vienna, Austria
May 15-17, 2024

15 May 2024

Systematic analysis of national CRIS on the euroCRIS DRIS to inform the development of the Ukrainian national CRIS URIS

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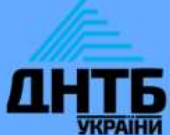
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A follow-up from CRIS2022 Dubrovnik



МІНІСТЕРСТВО
ОСВІТИ І НАУКИ
УКРАЇНИ



ДНТБ
УКРАЇНИ

Building Ukrainian National CRIS

Sabina Auhunas, Nataliia Kalyuzhna
State Scientific and Technical Library of Ukraine

15th International Conference on Current Research Information Systems Dubrovnik,
Croatia, May 12-14, 2022

A follow-up from CRIS2022 Dubrovnik

Project "Building Ukrainian Current Research Information System"

Holder: Ministry of Education and Science of Ukraine

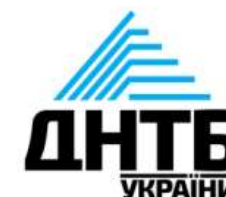
Partner: State Scientific and Technical Library of Ukraine

Total funding: € 285.500 (≈ ₴ 9 M)

Period of implementation: Apr 2020 to Dec 2023



Ministry of Education and Science of Ukraine



State Scientific and Technical Library



The euroCRIS DRIS



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DRIS+ Project: Enhancing the euroCRIS Directory of Research Information Systems (DRIS)

The DRIS+ project aims to enhance the euroCRIS Directory of Research Information Systems (DRIS) and make it automatically searchable via a dedicated API. This will support the process for CRIS systems to become OpenAIRE-compliant data providers and simplify the process for harvesting their metadata.

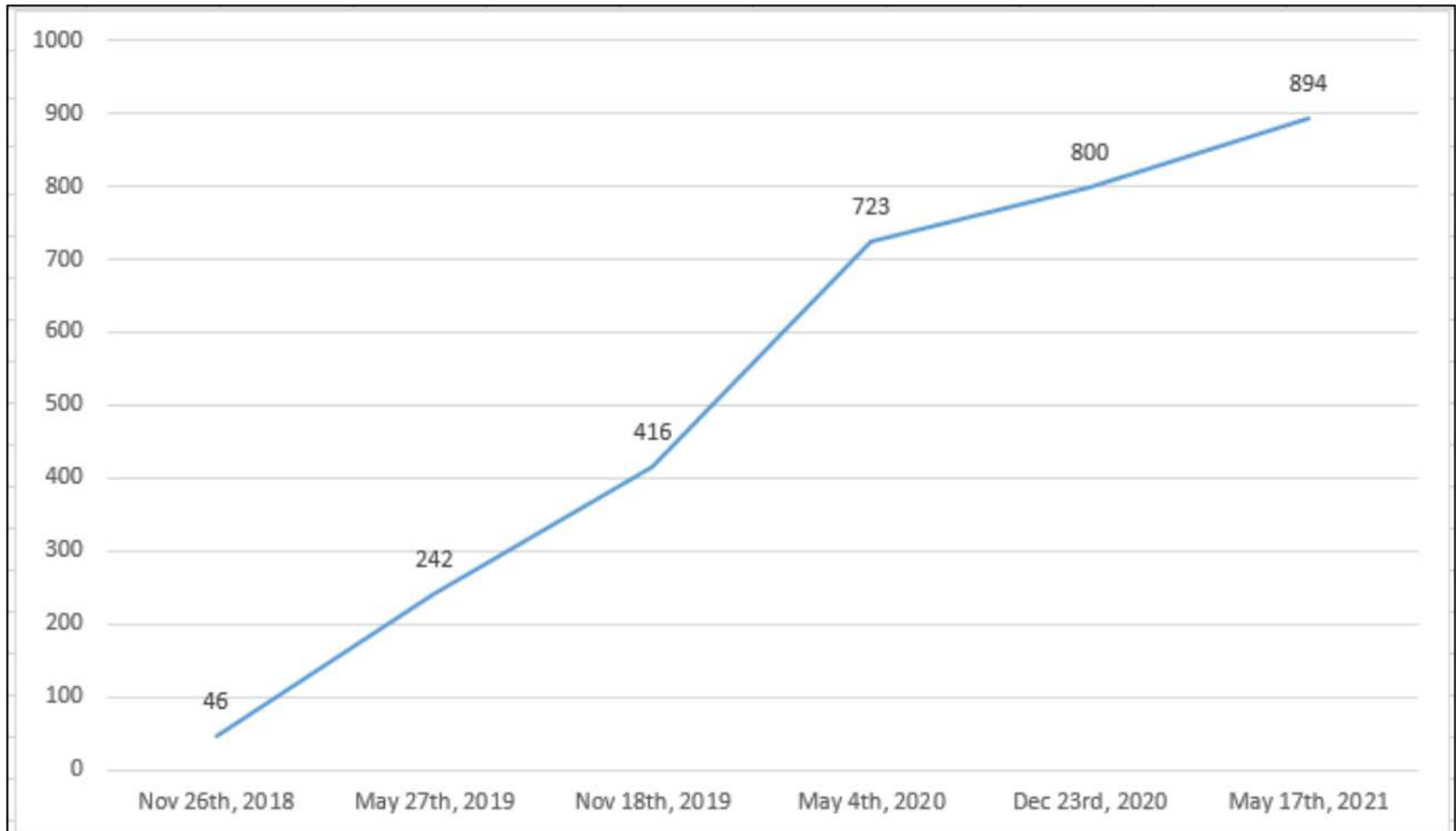
Please feel free to send us the details for your system using the [DRIS form](#).

Background

The euroCRIS initiative to build a Directory of Research Information Systems (DRIS) was launched in February 2012 at a [euroCRIS meeting](#) at UKOLN in Bath as part of an attempt to map the [quickly growing CRIS infrastructure in the UK](#) in the wake of the REF2014 research assessment exercise. The initiative saw a limited uptake (around 50 records) in the following years due to a number of challenges:

- A swiftly changing landscape made it difficult to keep existing entries updated;
- There was a limited reaching out to institutions in order to collect their CRIS data;
- The complexity of the CRIS description form made it difficult for a single person at an institution to provide all the requested details;
- No services were envisioned or built on top of the DRIS

The euroCRIS DRIS



Search the DRIS

for

[Add Filters](#)

Results 1-10 of 1410 (Search time: 0.0 seconds).

Results/Page | Sorted by Relevance

DRIS Entries

Acronym	Name	Scope	Organisation
ETIS	Estonian National Research Information System	National	Estonian Research Council 
	NARCIS	National	Digital Archiving and Networked Services (DANS) 
SK CRIS	Slovak Current Research Information System	National	Slovak Centre of Scientific and Technical Information (CVTI SR) 
SICRIS	Slovenian Current Research Information System	National	Institute of Information Science (IZUM) 

Analysis of national CRISs in the DRIS

- Conducted Aug-Sep 2023
- Landscape hasn't evolved too much since then

Analysis of national CRISs in the DRIS

Search the DRIS

for

Results **1-10 of 24** (Search time: 0.001 seconds).

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[previous](#) **1** [2](#) [3](#) [next](#)

DRIS Entries

Acronym	Name	Scope	Organisation
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SICRIS	Slovenian Current Research Information System	National	Institute of Information Science (IZUM) 
CRISlin	Current Research Information System in Norway	National	UNIT – Directorate for ICT and Joint Services in Higher Education and Research 
E-CRIS.MK	E-CRIS.MK	National	National and University Library "St. Clement of Ohrid" 

Discover

By type

DRIS

24

Country

Brazil	2
Georgia	2
Croatia	1
Czech Republic	1
Estonia	1
Finland	1
Germany	1
Iceland	1
Israel	1
Latvia	1



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CRISCROS – A working group to bring together national and regional CRIS initiatives

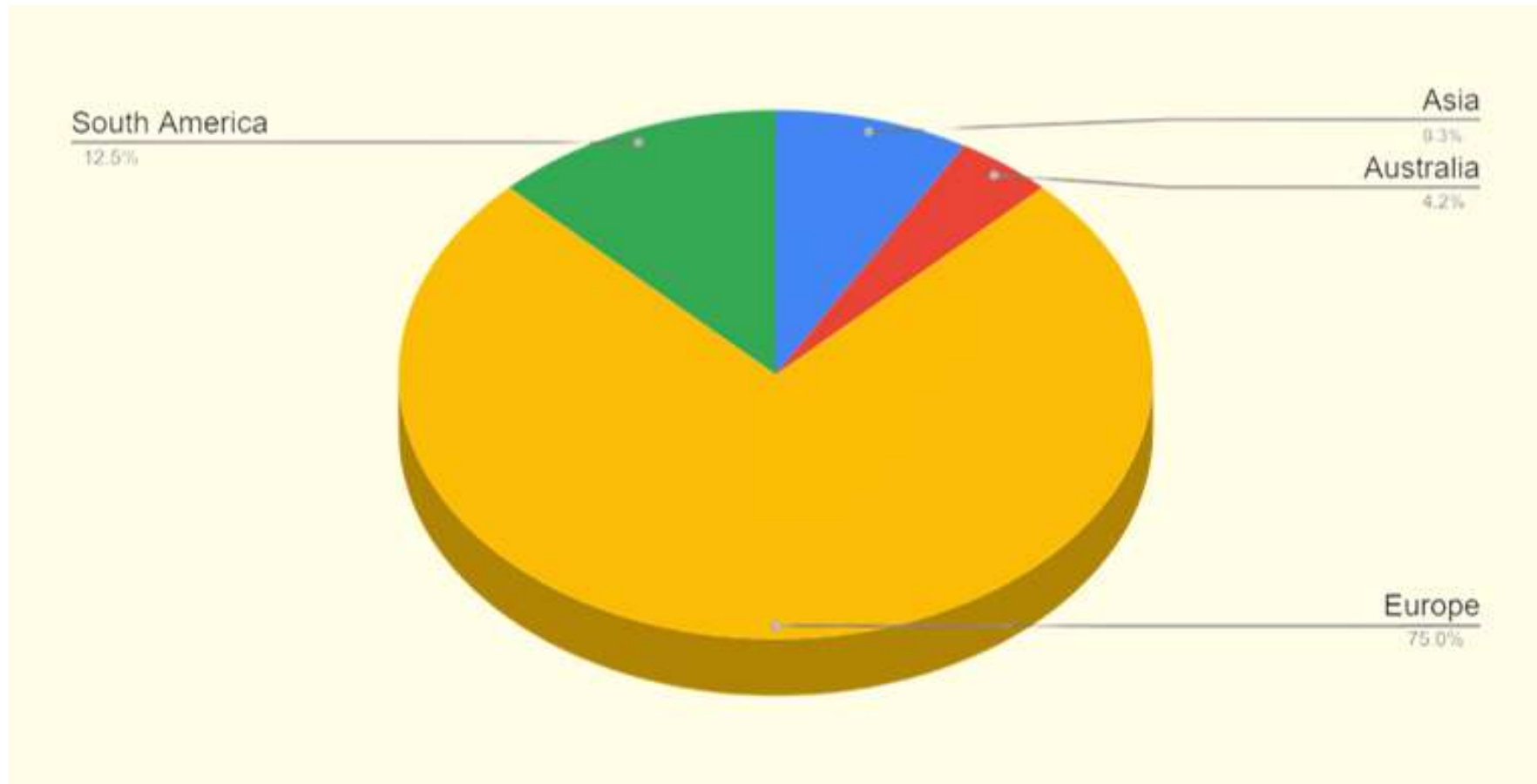
There's been frequent presentations for national and regional CRIS in past euroCRIS membership meetings and CRIS conferences – see for instance [SK CRIS](#), [CRISin](#), the [Finnish Research Hub](#), [POL-on](#) and [FRIS](#) – but there was no initiative thus far to bring together all these projects in order to share best practices and try to learn from each other. This is a particularly valuable conversation given that plenty of the workflows for running these systems are in fact common even if each platform tends to design and implement them on its own.

This changed when the Austrian RIS Synergy project to explore the feasibility of developing a national research portal in the country sent a proposal for a half-day workshop to the CRIS2022 Conference in Dubronik called "[The do's and dont's of building a sustainable portal](#)". As explained in the [Nov 2022 blog post](#) announcing the launch of what would eventually become the CRISCROS Working Group, the round table discussion held in Dubrovnik laid the foundations for a regular collaboration and discussion forum across national and regional CRIS initiatives.

At the time of writing, the [composition of the CRISCROS WG](#) – which has already held three online meetings and a webinar on top of the launch session and discussion at the Nijmegen euroCRIS SMM last Autumn – includes representatives from a good number of CRIS initiatives across Europe and beyond.

This webpage for the CRISCROS WG within the euroCRIS website aims to provide an **up-to-date account of the group's activities, presentations and publications**:

Some results from the analysis



The Global Landscape of National CRIS Systems

Europe Leads the Way

Most CRIS systems are developed in the European region, with 18 out of the 24 studied systems originating from Europe. This highlights the region's commitment to systematizing scientific information and integrating research efforts across national boundaries.

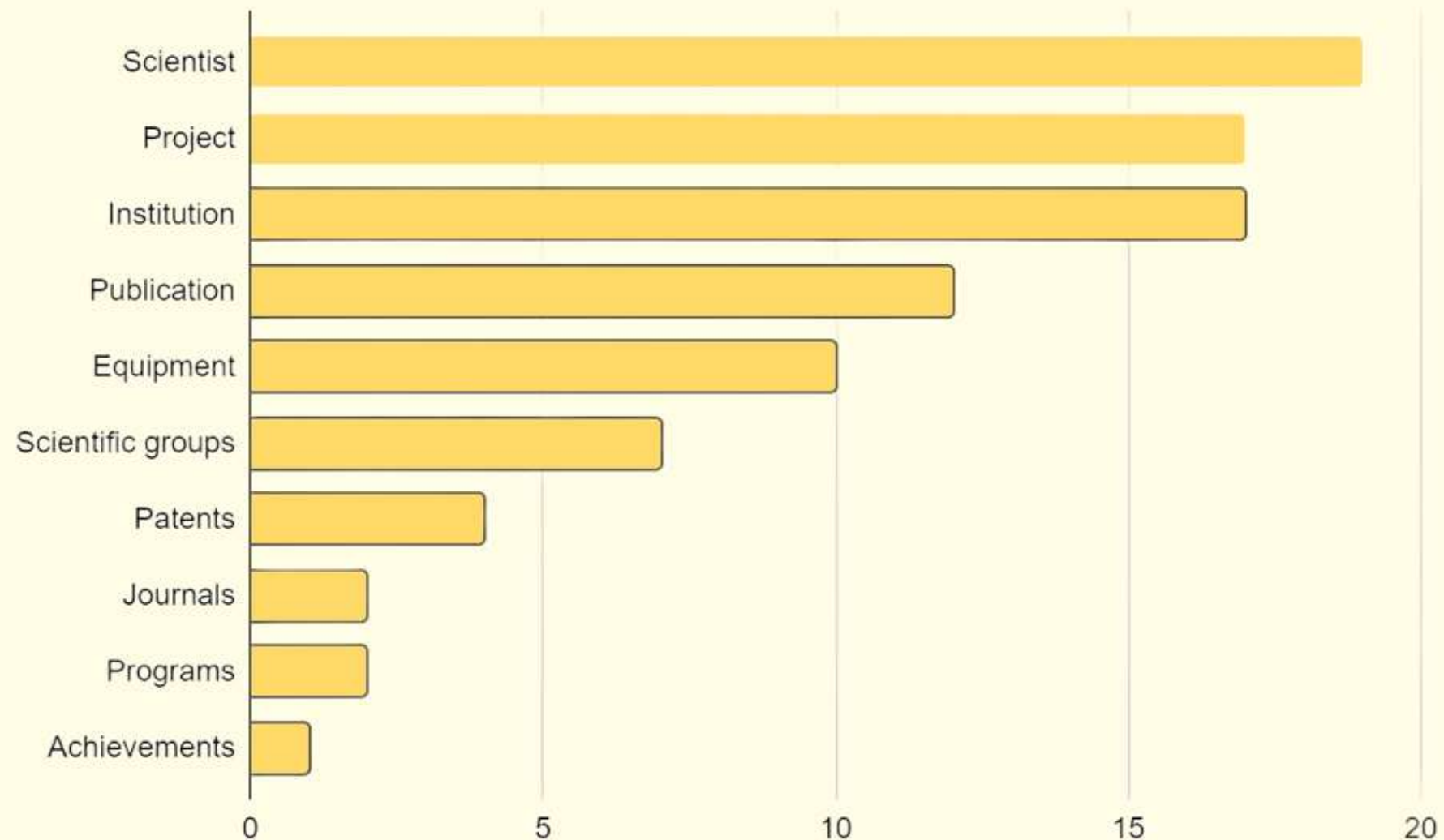
Emerging Systems Worldwide

While Europe dominates the CRIS landscape, other regions are also making strides in developing their own national research information systems. Countries like Brazil, Georgia, Georgia, and Slovenia have implemented centralized repositories to catalog data on researchers, projects, and affiliated organizations.

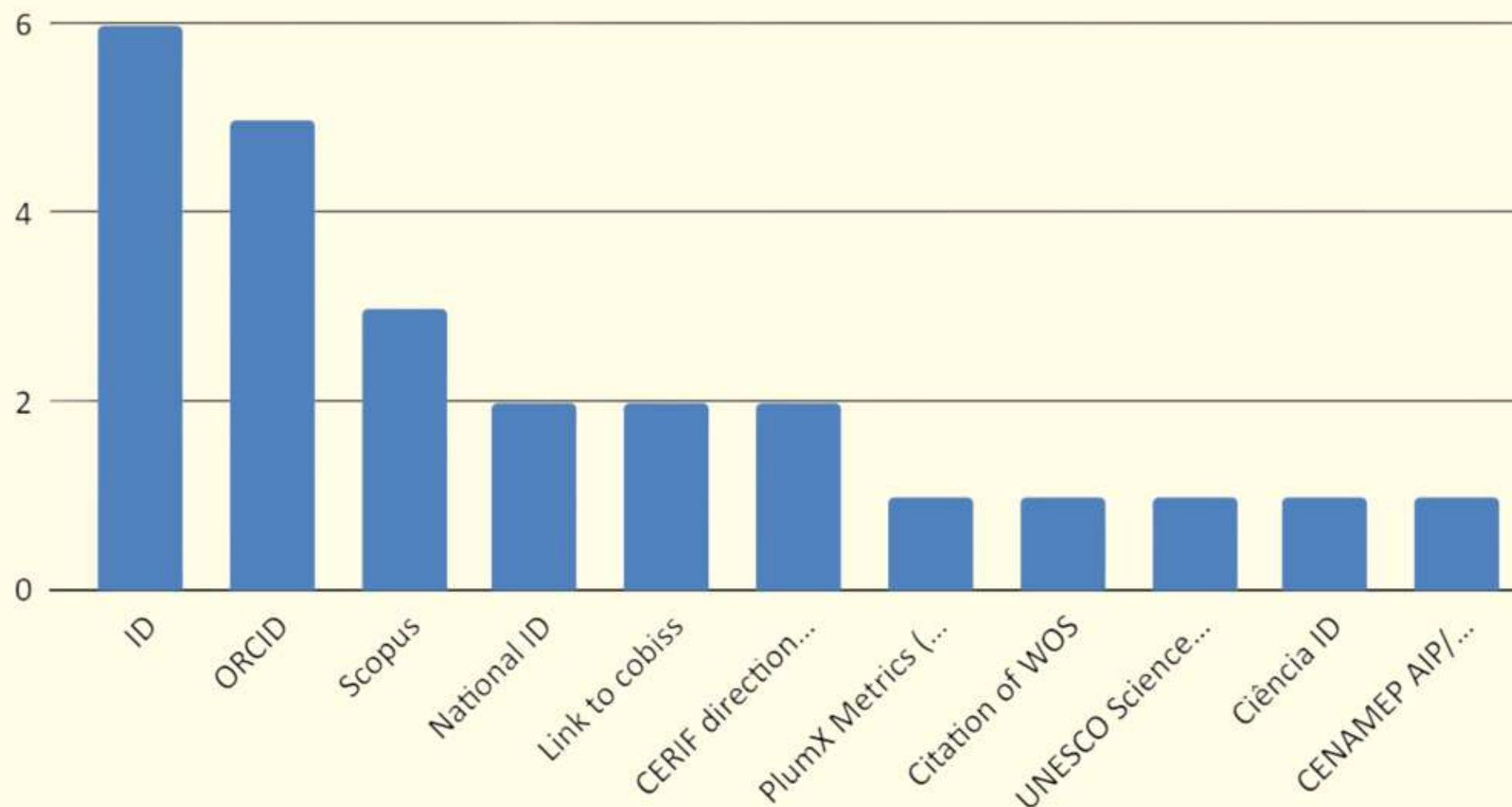
Ukraine's Prominent National CRIS

The Ukrainian scientific information system (URIS) is also represented in the international DRIS catalog, with over 400 registered users per month, underscoring its importance and potential for integration into the European research space.

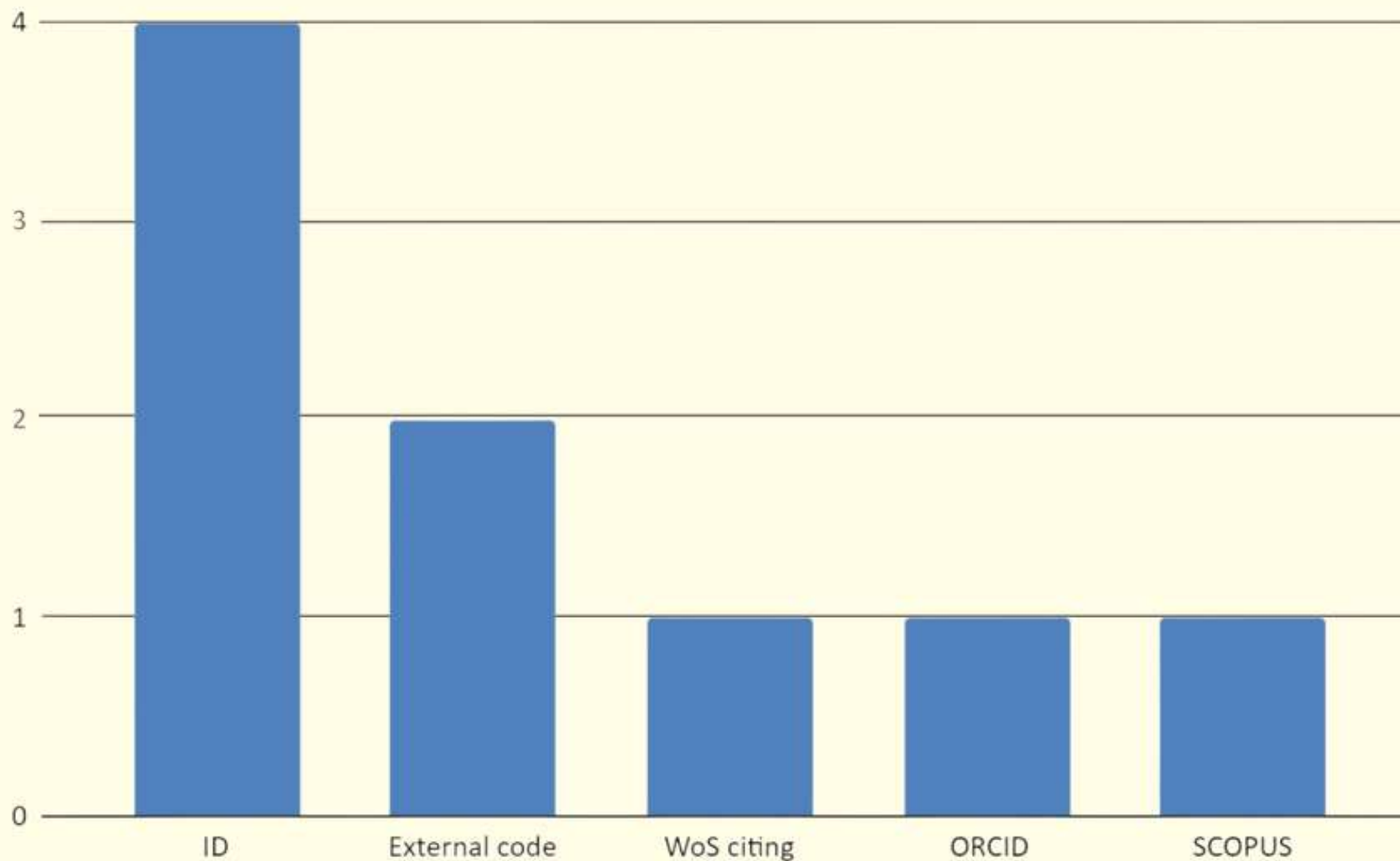
Entities in National CRISs in the DRIS



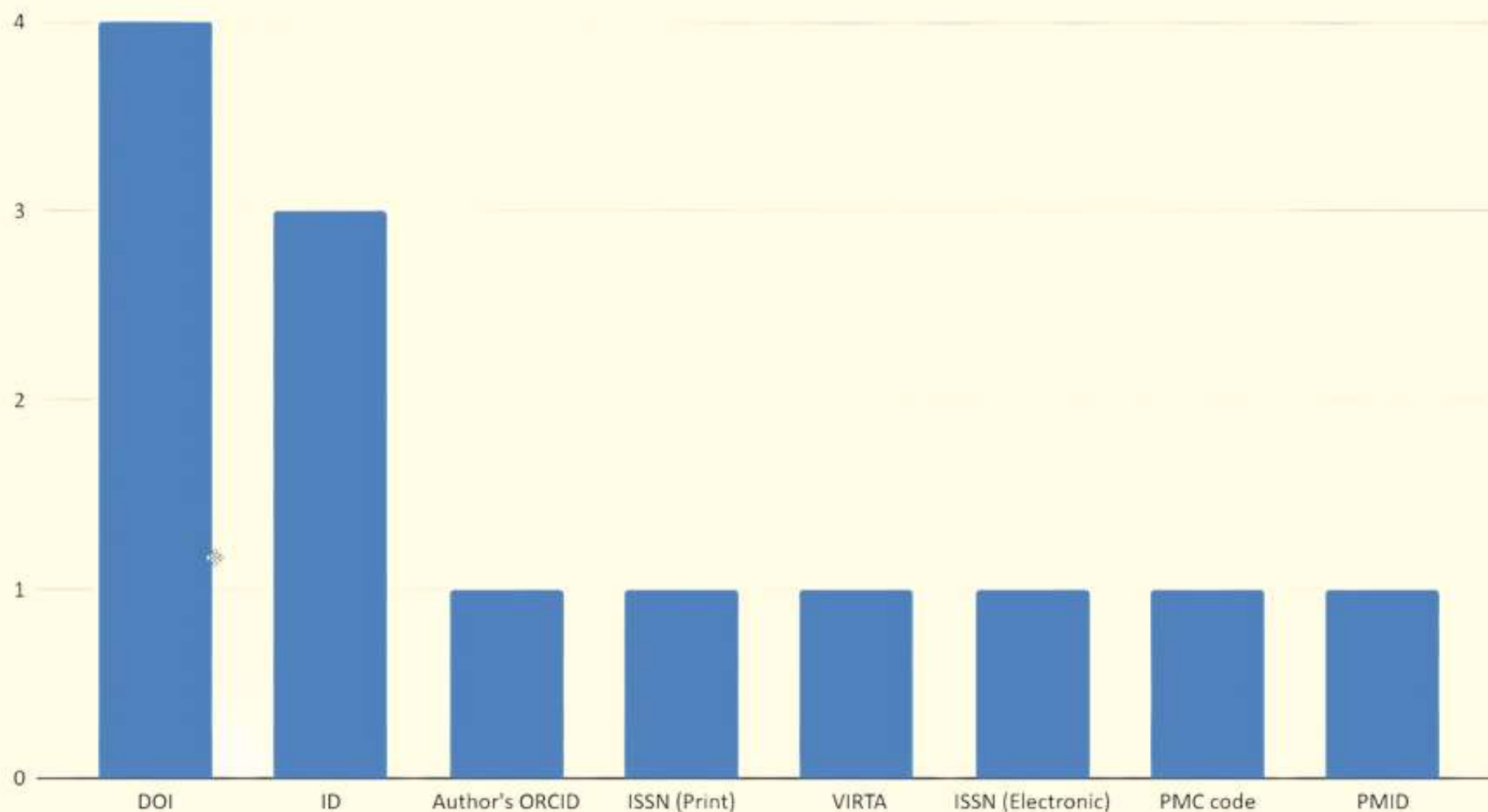
Identifiers Used for Characterizing the "Researcher" Entity



Identifiers Used for Characterizing the "Project" Entity



Identifiers Used for Characterizing the "Publication" Entity



PIDs Usage in URIS

PIDs related to organization

- ✓ ROR ID
- ✓ PIC ID (European Commission ID)
- ✓ EDRPOU (National ID)

PIDs related to scientists

- ✓ Internal ID
- ✓ RNOKPP (National ID)
- ✓ ORCID (*interaction with ORCID*)
- ⚠ ResearcherID (WoS) (planned)
- ⚠ ScopusID (planned)

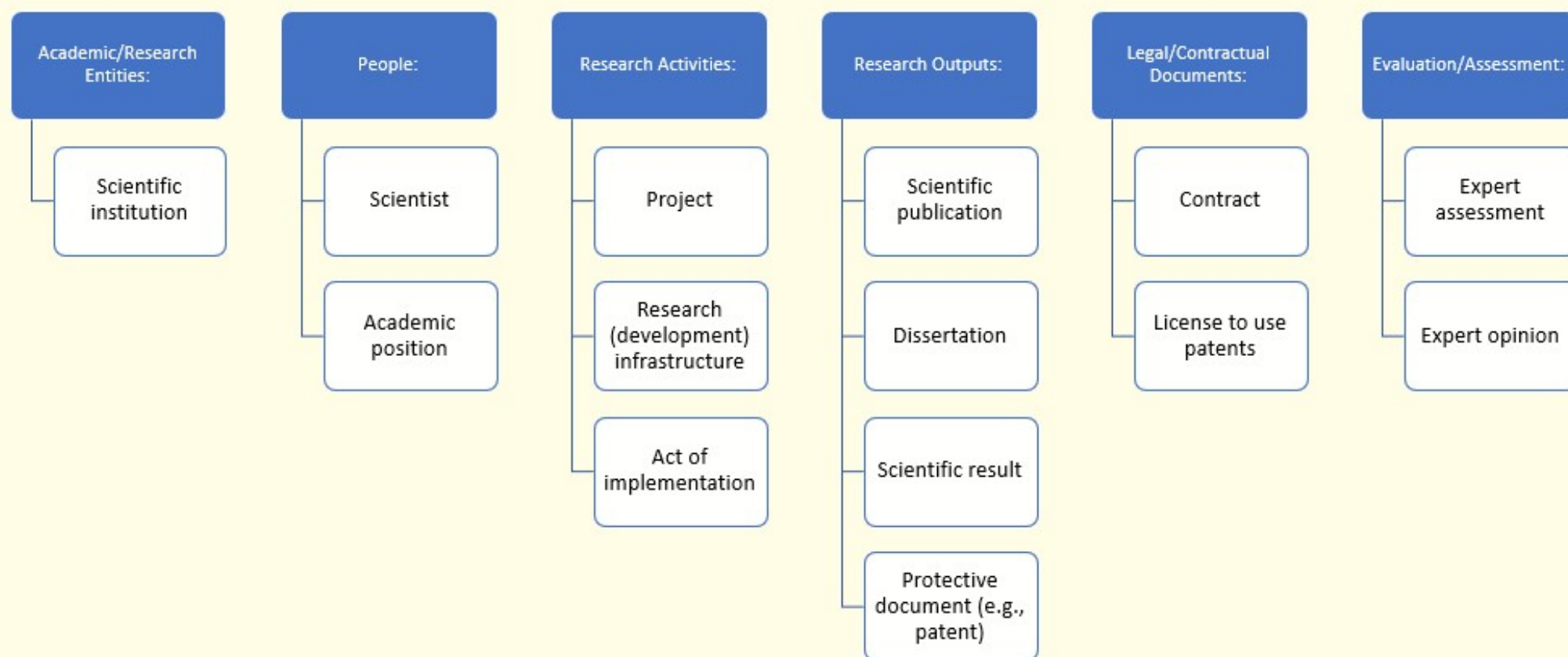
PIDs Publication

- ✓ DOI (*interaction with Crossref*)
- ✓ ISSN (*interaction with Crossref*)
- ✓ ISBN (*interaction with Crossref*)
- ⚠ PMID(planned)

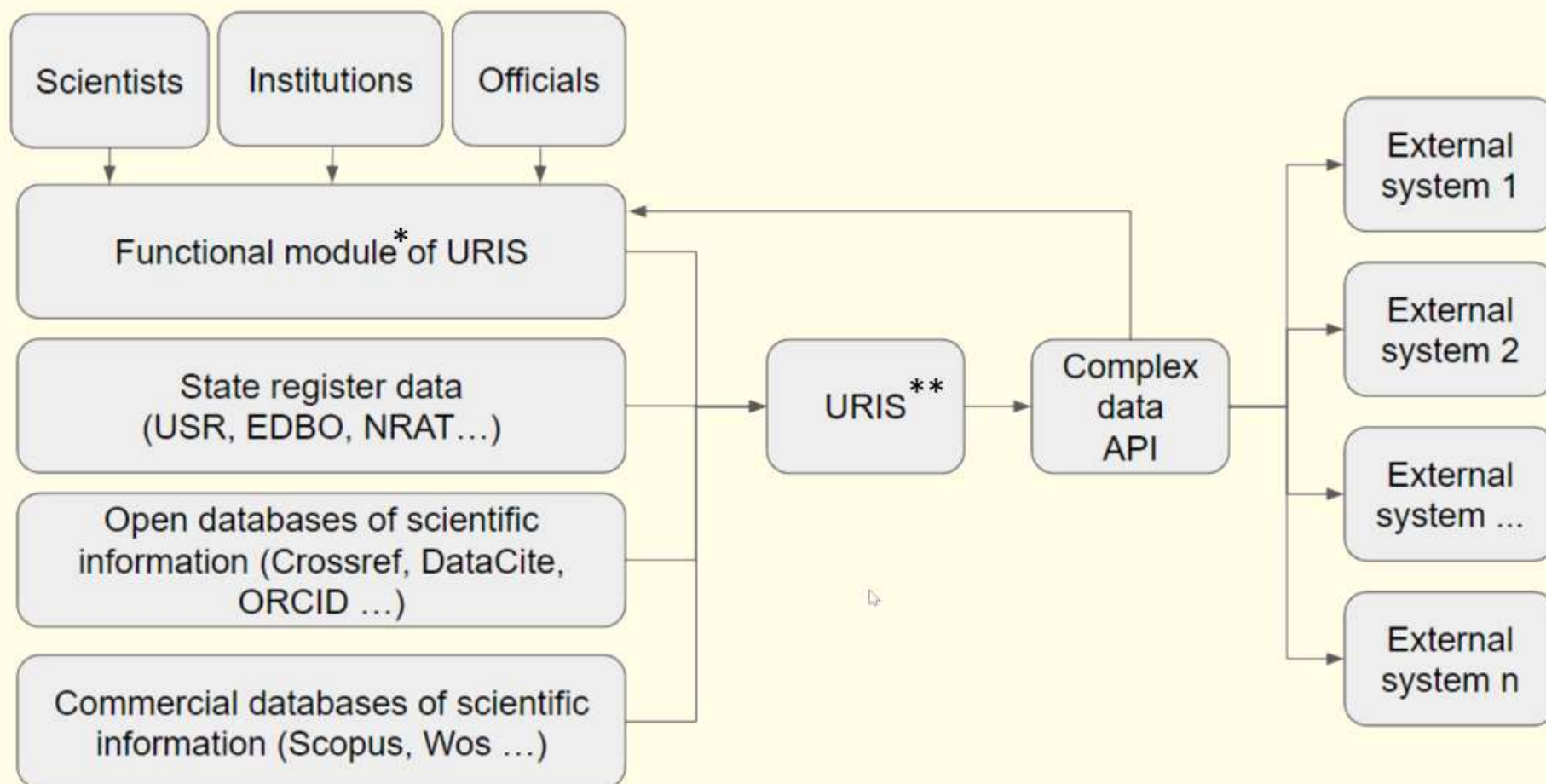
PIDs Project

- ✓ Internal ID
- ✓ Cordis ID

Planned Scheme of Entities to Be Implemented in URIS



Planned Using of PIDs and Interoperability in URIS and its Academic sub-system



Accounting of scientific activities

- ☐ Research outputs
- ☐ Funding opportunities
- ☐ People profiles
- ☐ Research group profiles
- ☐ Impact and knowledge exchange
- ☐ Ethics management
- ☐ Projects
- ☐ Equipment
- ☐ CVs
- ☐ Other: _____

Survey on CRIS

This survey aims to gather information on the features and capabilities of various Current Research Information Systems (CRIS) used by organizations. The survey covers details such as the title of the CRIS, the contact person, the accounting of scientific activities, and the data models used. By compiling this information, we can gain a better understanding of the landscape of CRISes and identify common trends and best practices.

<https://forms.gle/2rL3WBYCpfanxCqz5>

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Thanks! Questions?

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