



I Congreso Nacional de Gestión de Información en CTI

# The current RIM landscape: findings from the 2018 RIM survey – with an insight into national CRIS systems

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euroCRIS

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<http://orcid.org/0000-0001-6300-1033>

# Speaker's affiliation/recent background

## University of Strathclyde in Glasgow

- Established 1796 as “the place for useful learning”
- 21,470 FTE Students and 3,200 staff
- Research: research grants and contracts income of £59,921m in 2016
- Among the 20 top research-intensive universities in the UK

## Previously

- OpenAIRE2020 WP coordinator at LIBER (Assoc of European Research Libraries) in The Hague, the Netherlands
- EDINA National Data Centre, University of Edinburgh, UK
- Consejo Superior de Investigaciones Científicas (CSIC), Universidad Carlos III Madrid (UC3M), Spain

# Index for today's talk

- Research Information Management is primarily about supporting research valorisation
- Building the infrastructure: LA Referencia
- RIM in Peru
- euroCRIS in a nutshell
- Mapping the landscape: findings from the 2018 RIM Survey
- A complementary national-level qualitative study
- OpenAIRE as a EU-CRIS?
- National/regional CRISs: an insight
- A few conclusions

# Research Information Management is about research



**PERU**

The Fruit Fly Plague



## PROGRAM

Program to eradicate the fruit fly plague in the coastal areas of Peru



## UNIVERSE

Type of Evaluation  
Geographic Regression Discontinuity

**Database**  
615 producers = 307 beneficiaries and 308 controls



## INTERVENTION

Farmers' knowledge  
comprehension  
- Training in  
- Release of  
- Application  
- Installation

## WHY ARE WE DOING THIS EVAL

To identify and measure the causal short-term effects of the program on farmers' agricultural outcomes and



## CONCLUSIONS

Pest eradication programs work when they combine the provision of control measures in specific geographic areas with intensive training to farmers in pest prevention and control

# Research Information Management is about research

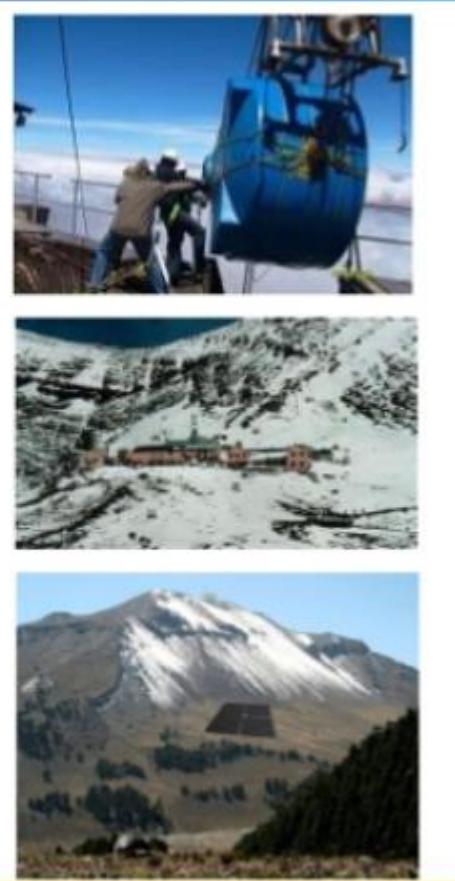


**E-INFRASTRUCTURE SHARED BETWEEN  
EUROPE AND LATIN AMERICA**

- LAGOVirtual is an ongoing project to develop a platform to collaborate, in the Large Aperture GRB Observatory (LAGO).

This continental-wide observatory is devised to detect high energy component of Gamma Ray Bursts, by using the single particle technique in arrays of Water Cherenkov Detectors (WCD) at high mountain sites:

- Chacaltaya, Bolivia, 5300 m a.s.l.,
- Pico Espejo, Venezuela, 4750 m a.s.l.,
- Sierra Negra, Mexico, 4650 m a.s.l.
- Malargüe and Bariloche, Argentina



[www.eu-eela.eu](http://www.eu-eela.eu)

2

<https://www.slideshare.net/rodrigotorrens/repositorio-de-datos-lago>

# Exciting research is taking place on a wide scale

arXiv.org > cs > arXiv:0912.2381

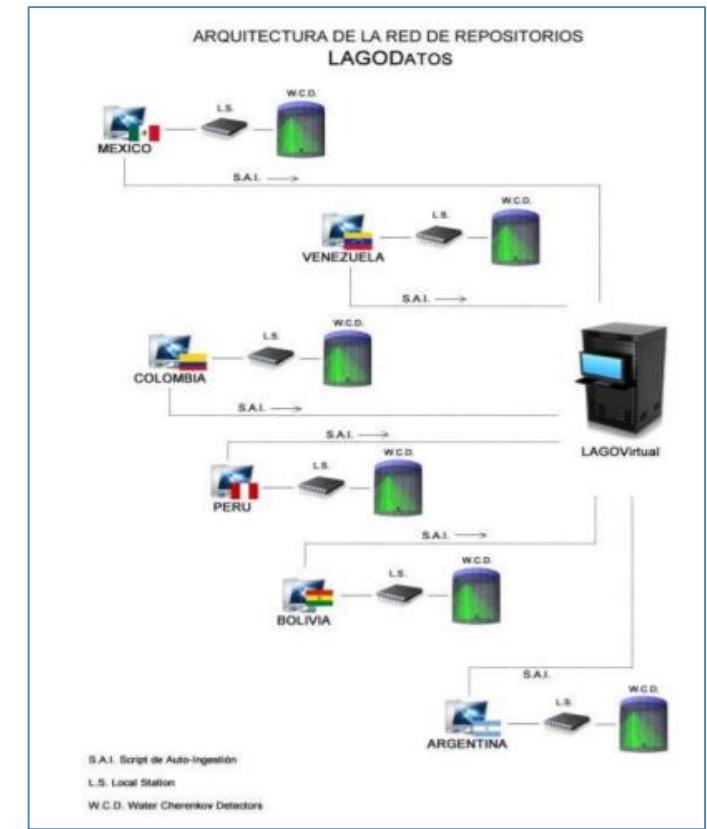
Computer Science > Computational Engineering, Finance, and Science

## LAGOVirtual: A Collaborative Environment for the Large Aperture GRB Observatory

R. Camacho, R. Chacon, G. Diaz, C. Guada, V. Hamar, H. Hoeger, A. Melfo, L. A. Nunez, Y. Perez, C. Quintero, M. Rosales, R. Torrens, the LAGO Collaboration

(Submitted on 12 Dec 2009)

Figura 1. Entorno de investigación LAGO – LAGOVirtual y la ubicación de los detectores.



# Building the infrastructure to support it



Home    Institutional ▾    Nodes ▾    Services ▾    Documents    Press ▾    Contact

LA Referencia gives visibility to the scientific production of higher education and research institutions in Latin America, promotes open and free access to the full text, with special emphasis on publicly financed results.



## PERU

Partner of LA Referencia, Peru has generated national initiatives in the area of Repositories and Open Access, among which are the use of repositories registered in OpenDOAR, repositories in the public sector and repositories of data. It is a signatory of the main LA Referencia agreements.

### Board of Directors

Consejo Nacional de Ciencia, Tecnología e Innovación Tecnológica (CONCYTEC)

### Legislation and policies

Peru was the first country in Latin America to approve national legislation related to Open Access and Institutional Repositories. See [Law that regulates the National Digital Repository of Science, Technology and Innovation of Open Access](#), approved in March of 2013.

# CRIS2018 Umeå – presentation by CONCYTEC

**CRIS2018, June 14 -16 2018, Umeå, Sweden: 14th International Conference  
on Current Research Information Systems**

(in cooperation with **Umeå University**)

**General Theme: FAIRness of Research Information**

The target audience includes  
policy makers as well as CRIS

All information on CRIS 2018

EuroCRIS / EuroCRIS Research Output / Conference

Please use this identifier to cite or link to this item: <http://hdl.handle.net/11366/672>

Title:	Current Status of Research Information Management in Peru
Authors:	Melgar-Sasieta, Héctor-Andrés  Brossard-Núñez, Ian-Paul  Olivares-Poggi, César-Augusto 
Keywords:	research information management current research information systems national CRIS Peru
Issue Date:	14-Jun-2018
Publisher:	euroCRIS
Series/Report no.:	CRIS2018: 14th International Conference on Current Research Information Systems (Umeå, June 13-16, 2018)
Conference:	CRIS2018 – Umeå 
Abstract:	Nowadays, there is full consensus that the promotion of Science, Technology and Innovation (STI) has a positive impact on the economic growth of a country. In Peru, the National System of STI doesn't have enough information for decision-making, because it doesn't have an information system to manage (collect, systematize, store and communicate) the data generated during execution of each activity carried out. In this context, CONCYTEC (public body in charge of the development of policies, regulations and promotion of activities related to the STI) is planning to build a tool to cover this need, project that has financial support from the World Bank.

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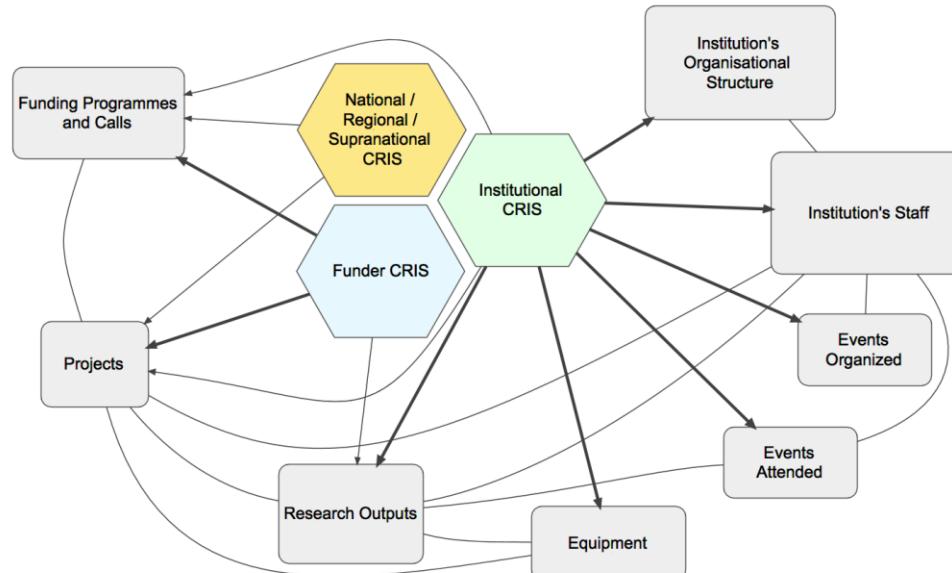
 Google Scholar<sup>TM</sup>  
Check

<http://hdl.handle.net/11366/672>

# The quest for research information

## Abstract:

Nowadays, there is full consensus that the promotion of Science, Technology and Innovation (STI) has a positive impact on the economic growth of a country. In Peru, the National System of STI doesn't have enough information for decision-making, because it doesn't have an information system to manage (collect, systematize, store and communicate) the data generated during execution of each activity carried out. In this context, CONCYTEC (public body in charge of the development of policies, regulations and promotion of activities related to the STI) is planning to build a tool to cover this need, project that has financial support from the World Bank. To fulfill this task in order to cover the needs of all the actors involved in STI in the country, a study was carried out at a national level to know the current state of the processes and the computer supports of the research centers, research institutes and universities of the country to know their needs, and be able to pursue a common goal.



# euroCRIS: fostering collaboration

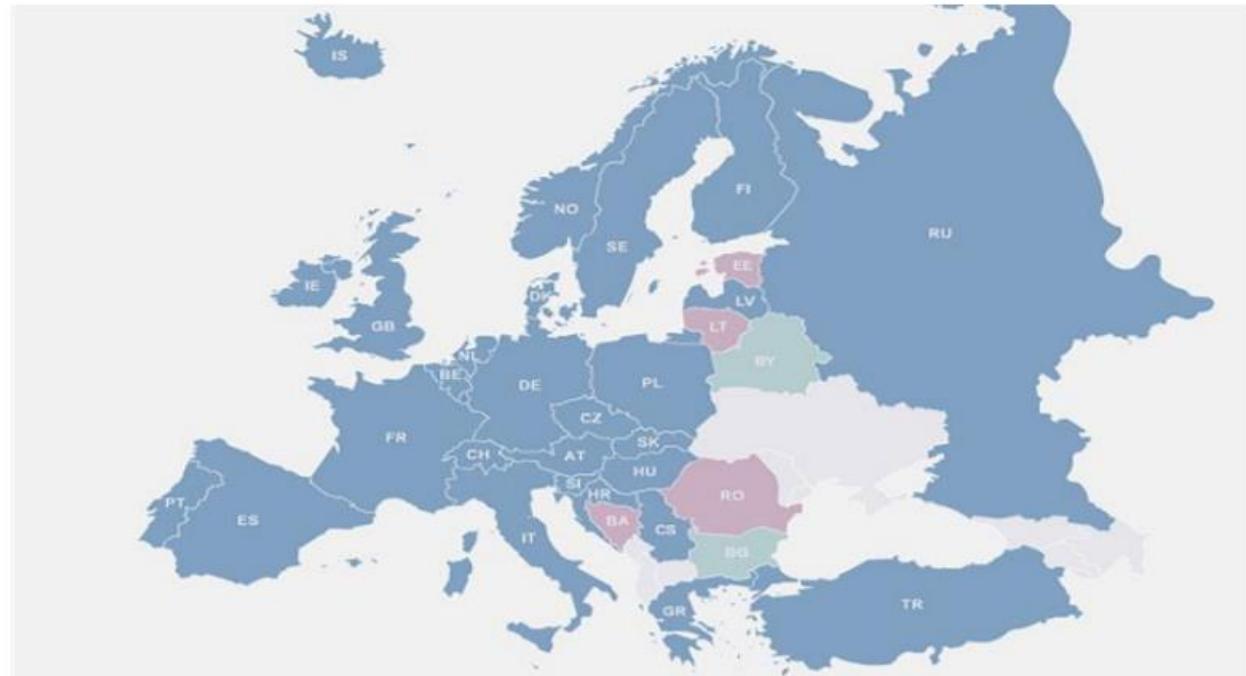


## Mission

"To promote collaboration within the research information community and advance interoperability through CERIF"



## Membership



### Members outside Europe:

Australia – Brazil – Canada – China – Colombia – Iran – Israel – Malaysia – Nigeria – Pakistan – South Korea – USA

200+ members from 45 countries (mainly Europe)

# euroCRIS: promoting the use of CERIF



## Mission

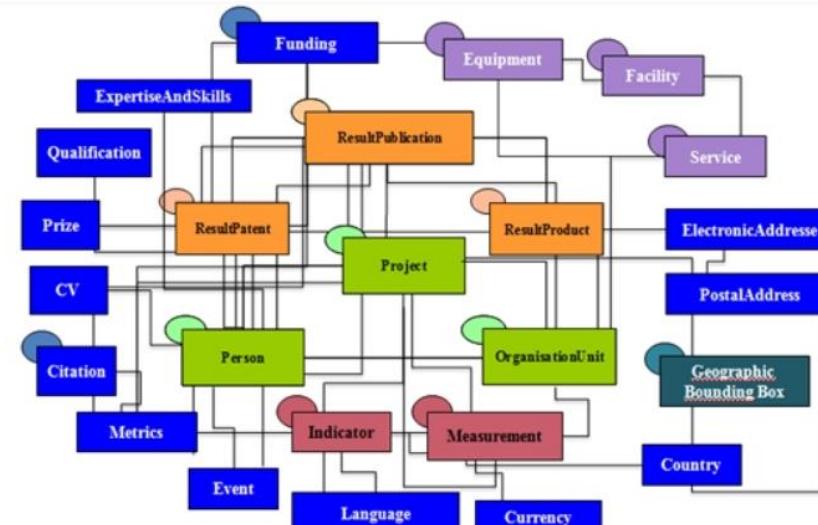
"To promote collaboration within the research information community and advance interoperability through CERIF"



## Main features of CERIF

CERIF (the Common European Research Information Format) is:

- A concept about research entities and their relationships – Specification (Conceptual Level)
- A description of research entities and their relationships – Model (Logical Level)
- A formalization of research entities and their relationships – Database Scripts (Physical Level)



# euroCRIS: mapping the RIM landscape

## CRIS/IR Survey Report



### CRIS/IR Survey report

 1 Mar 2016

No comment

Johan Bergström

article, CRIS, erai, Featured, report

There was wide participation from the community, and we collected 84 full responses from 20 different countries.

The two main questions the Survey tried to answer were: are CRISs gradually replacing IRs? Are the two systems overlapping in their functionalities? From the results we have collected, both questions seem to get a negative answer. The two systems are clearly complementary: while IRs are the preferred choice for managing research publications and dissertations and thesis, CRISs are regularly chosen for managing the institutional research information as a whole including metadata for research papers.

# euroCRIS: mapping the RIM landscape



## Survey on Research Information Management Practices



OCLC Research and [euroCRIS](#) have been working [collaboratively](#) on an international Survey on Research Information Management Practices.

### Survey goals

This survey will help us understand and report on the state of RIM activities worldwide, and it seeks answers to the following questions:

- Why have institutions adopted--or are considering adopting--RIM infrastructures?
- What are the principal drivers?
- How are institutions using RIM functionality? What are the principal uses?
- Who are institutional stakeholders, and what, in particular, is the role of libraries?
- What processes and systems are in use? How do they interoperate with internal and external systems? What is the scope?
- What are regional and international differences in drivers, uses, and processes?

### When will the results be published?

- The survey is now closed and survey results will be published in 2018 as an OCLC Research report and made openly available to the community.
- Survey data will be published CC-BY.

# OCLC/euroCRIS RIM Survey 2018

- Online survey data collection: Oct 2017 – Jan 2018
  - English and Spanish versions
- Survey promotion through:
  - OCLC and euroCRIS communications channels and events worldwide
  - Communications by CRIS vendors and user communities
  - Listservs, social media, and announcements to research & library organizations

# RIM survey: some limitations

- Sample significance (despite large number of responses)
- Dissemination bias towards countries and vendors
  - As a result of having used OCLC- & euroCRIS-specific dissemination channels (mailing lists, conferences, membership...)
- Wide range of topics addressed limits accuracy (plus certain lack of awareness of what actually constitutes “a CRIS system”)
- Survey fatigue

Number of survey responses by region		
Europe	135	35.4
South/Central America & Caribbean	47	12.3
North America	43	11.3
Oceania (Australia/NZ)	26	6.8
Asia	11	2.9
Middle East	6	1.6
Africa	6	1.6
Unknown	107	28.1
<b>Total</b>	<b>381</b>	

South/Central America & Caribbean		%
Peru	39	83.0
Colombia	3	
Mexico	1	
Barbados	1	
Belize	1	
Brazil	1	
Uruguay	1	
<b>Total</b>	<b>47</b>	

# RIM survey findings: geographic overview

- 381 responses from 44 countries: largest RIM survey ever

Country	# Resp.	Country	# Resp.
United Kingdom	39 (10%)	Canada	4 (1%)
United States	39 (10%)	South Africa	4 (1%)
Peru	39 (10%)	Andorra	3 (1%)
Italy	28 (7%)	Colombia	3 (1%)
Australia	24 (6%)	Finland	3 (1%)
Germany	14 (4%)	India	3 (1%)
Netherlands	10 (3%)	Japan	3 (1%)
Portugal	7 (2%)	Austria	2 (0.5%)
Poland	6 (2%)	Bahrain	2 (0.5%)
Spain	6 (2%)	China	2 (0.5%)
Belgium	5 (2%)	Denmark	2 (0.5%)
Ireland	5 (2%)	New Zealand	2 (0.5%)

1 respondent from each of the following countries: Afghanistan, Albania, Azerbaijan, Barbados, Belize, Brazil, Hungary, Lebanon, Mexico, Namibia, Russia, Saudi Arabia, Slovakia, Sri Lanka, Sweden, Trinidad and Tobago, Turkey, Uganda, United Arab Emirates and Uruguay

- Wide non-European sample (as opposite to previous CRIS/IR survey w/ 86 responses from 20 countries)
- Variations in distribution by country for previous survey show high volatility in the landscape

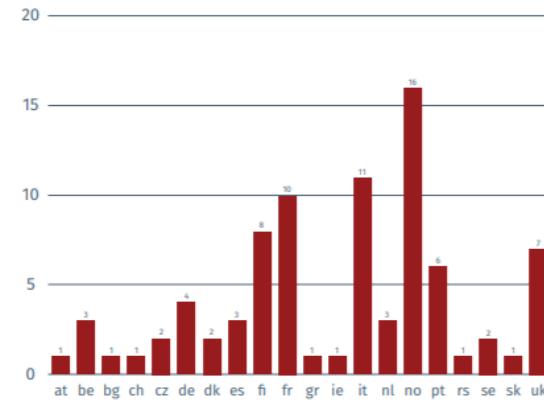
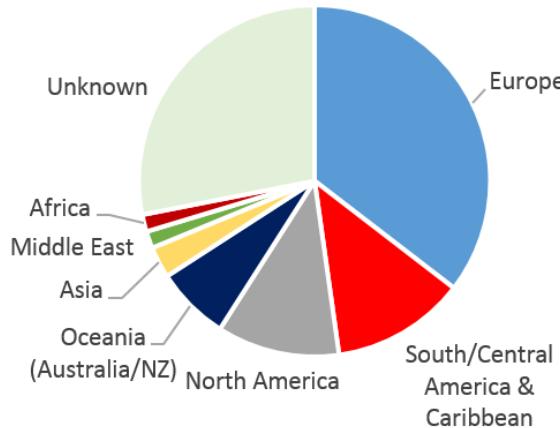


TABLE1: GEOGRAPHIC DISTRIBUTION OF RESPONDENTS

- Countries/regions with large enough samples allow drilling into the figures for significant analysis and findings

# RIM survey findings: regional insight

Number of survey responses by region		
Europe	135	35.4
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North America	43	11.3
Oceania (Australia/NZ)	26	6.8
Asia	11	2.9
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<b>Total</b>	<b>381</b>	



South/Central America & Caribbean		
Peru	39	83.0
Colombia	3	
Mexico	1	
Barbados	1	
Belize	1	
Brazil	1	
Uruguay	1	
<b>Total</b>	<b>47</b>	

North America		
United States	39	90.7
Canada	3	
Mexico	1	
<b>Total</b>	<b>43</b>	

Oceania		
Australia	24	92.3
New Zealand	2	
<b>Total</b>	<b>26</b>	

Asia		
India	3	27.3
Japan	3	27.3
China	2	18.2
Afghanistan	1	
Azerbaijan	1	
Sri Lanka	1	
<b>Total</b>	<b>11</b>	

Europe		
United Kingdom	39	28.9
Italy	28	20.7
Germany	14	10.4
Netherlands	10	7.4
Portugal	7	5.2
Poland	6	4.4
Spain	6	4.4
Belgium	5	3.7
Ireland	5	3.7
Others	15	
<b>Total</b>	<b>135</b>	

Middle East		
Bahrain	2	
Lebanon	1	
Saudi Arabia	1	
Turkey	1	
United Arab Emirates	1	
<b>Total</b>	<b>6</b>	

Africa		
South Africa	4	66.7
Namibia	1	
Uganda	1	
<b>Total</b>	<b>6</b>	

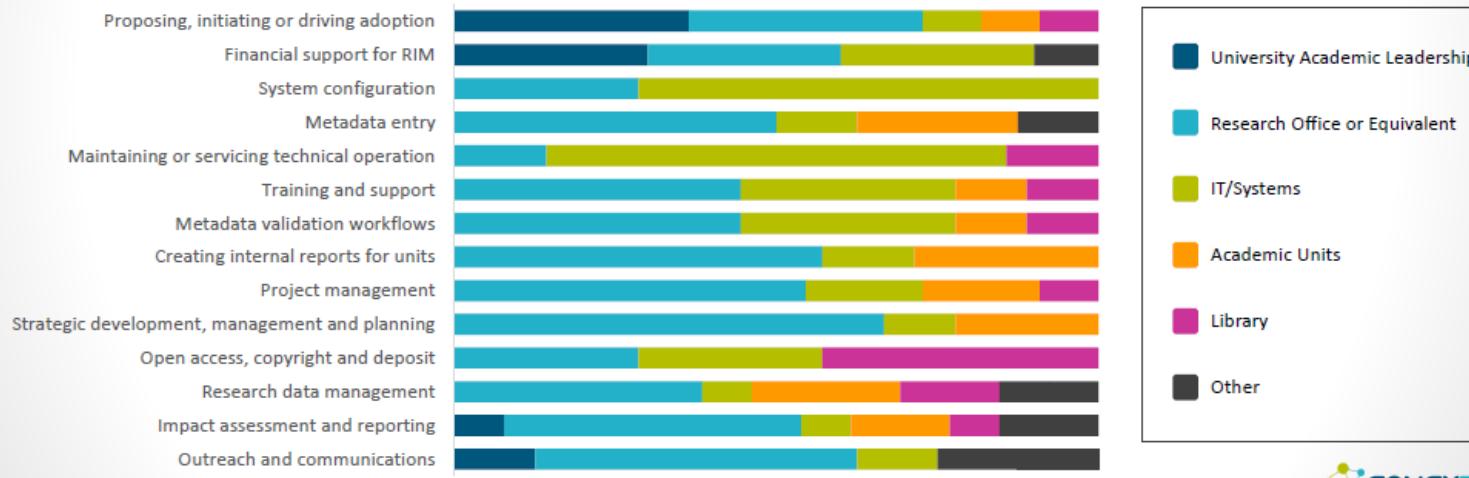
# RIM survey findings: what HEI units



## Roles and areas responsible for Research Information Management

- Mostly in charge of Research Offices in coordination with Academic Units
- Low participation of Libraries, typically with small budget and staff

Base: Institutions with a Live Implementation (n = 6)



Source: OCLC-euroCRIS Global Survey on RIM Practices

# RIM survey findings: implementation stage

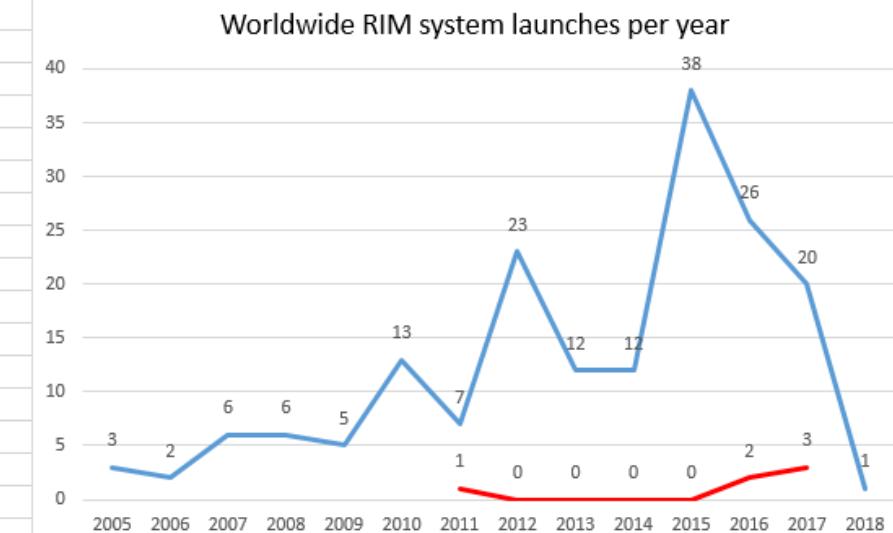
**RIM Survey responses to Q1: "Please choose the status that best describes your institution's research information management (RIM) implementation stage"**

	Peru (n=39)	%	Global (n=381)	%
- Live implementation	6	15	222	58
- In the process of implementing	7	18	51	13
- Procurement process	2	5	13	3
- Exploring	12	31	46	12
- Not considering	12	31	49	13
<b>Total</b>	<b>39</b>		<b>381</b>	

# RIM survey findings: RIM system launch

32 respondents within 'live system' section provide no valid date when asked "When did you launch your current RIM system i.e., when was the service made publicly visible to campus stakeholders?" (n=190)

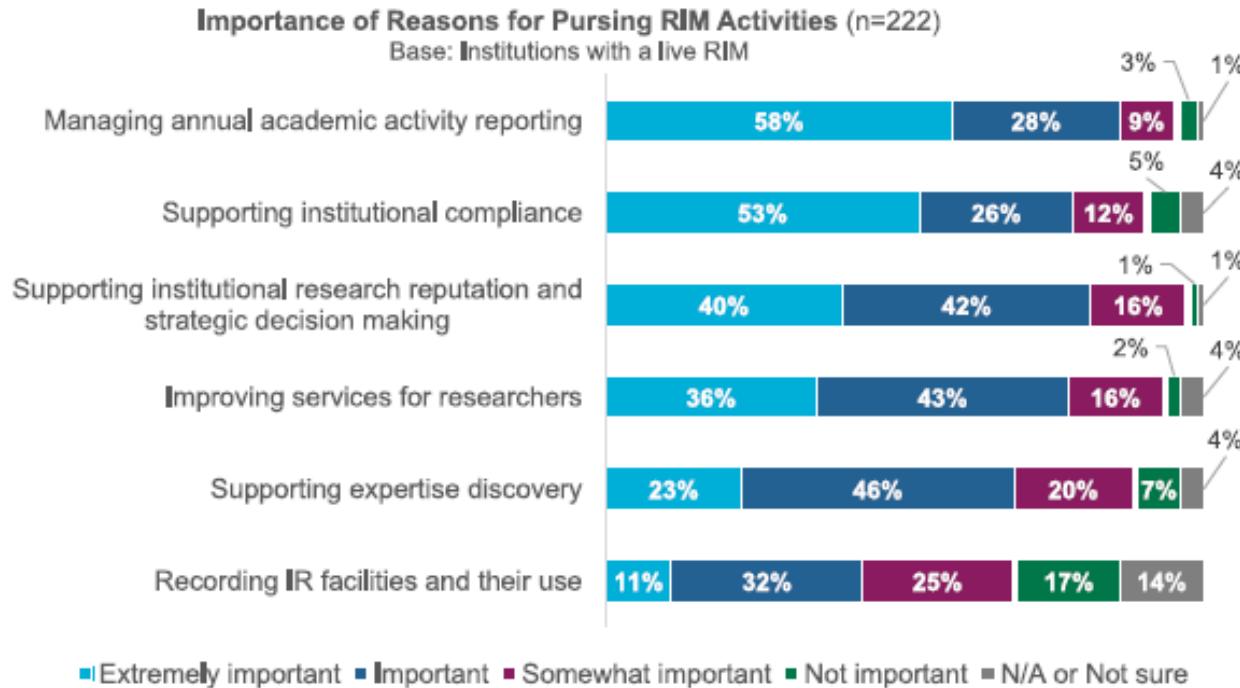
Year of RIM system launch	Responses (worldwide)	Responses (Peru)
1980	4	
1990	1	
1995	1	
1999	1	
2000	3	
2002	3	
2003	3	
2005	3	
2006	2	
2007	6	
2008	6	
2009	5	
2010	13	
2011	7	1
2012	23	0
2013	12	0
2014	12	0
2015	38	0
2016	26	2
2017	20	3
2018	1	
<b>Total</b>	<b>190</b>	<b>6</b>



# RIM survey findings: drivers for RIM adoption

## 1. Worldwide

### Reporting and compliance drive RIM adoption



# RIM survey findings: drivers for RIM adoption

## 2. Peru

- Most important declared driver is Supporting institutional reputation and strategic decision making

Base: Institutions with a Live Implementation or in Process of Implementing (n = 13)



Source: OCLC-euroCRIS Global Survey on RIM Practices

# RIM survey findings: RIM systems

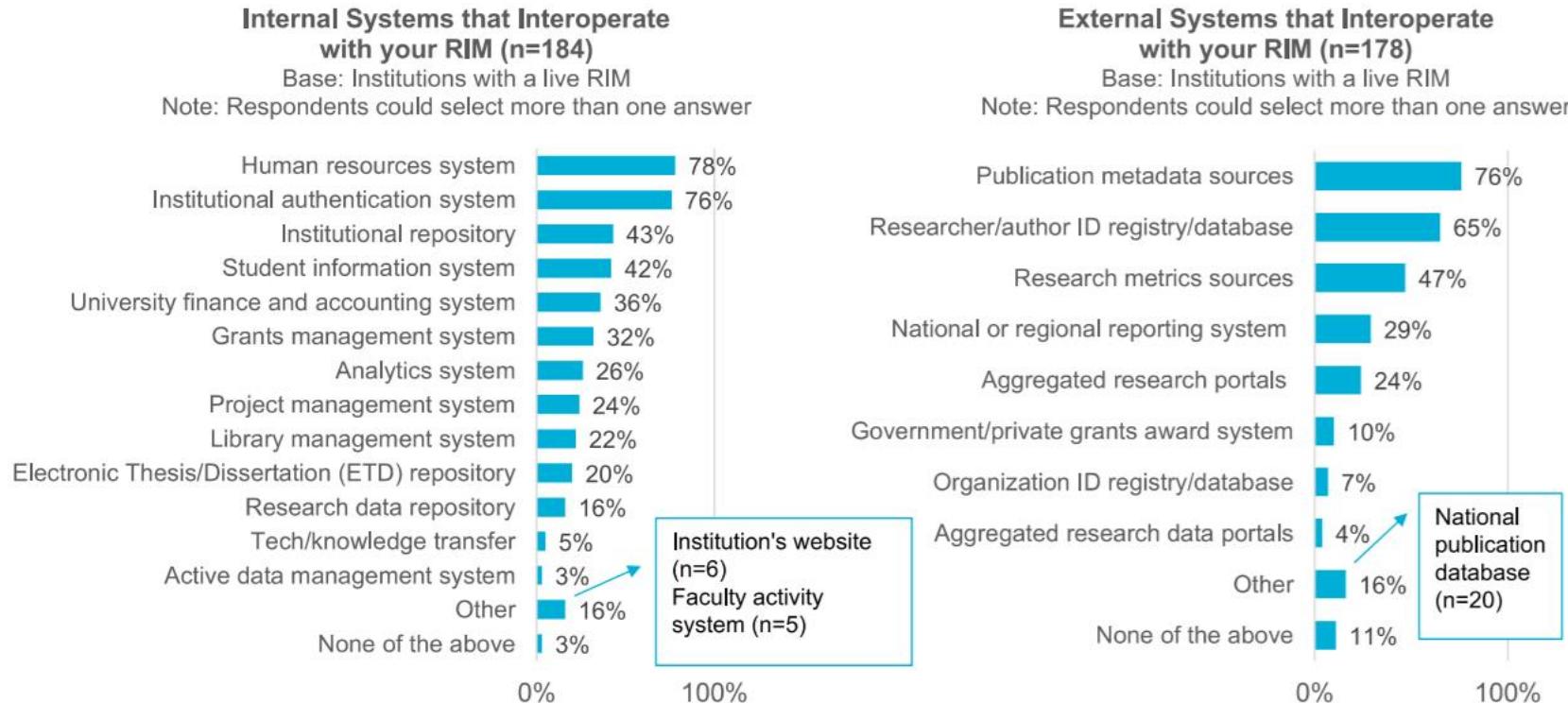
**Evolution of most popular RIM systems: In-house-built, Pure and their co-existence (n=190)**

Year of RIM system launch	Developed in-house	Pure	Both	Open source
1980	2			
1990	1			
1995	1			
1999	1			
2000	2			1
2002	1	1		
2003	1			
2005	1			1
2006	2			
2007	1		1	5
2008	2	1		
2009	2			1
2010	2	2	1	1
2011	2	1	1	1
<b>2012</b>	<b>3</b>	<b>14</b>	<b>1</b>	<b>1</b>
2013	5	1	1	1
2014	1	6		
2015	10	3	2	1
2016	8	12	2	
2017	6	6	1	1
2018	1			
<b>Total</b>	<b>55</b>	<b>47</b>	<b>10</b>	<b>14</b>
IRIS (CINECA)	25			
Elements (Symplectic)	18			
Converis (Clarivate)	18			
VIVO	5			
Omega-PSIR	4			

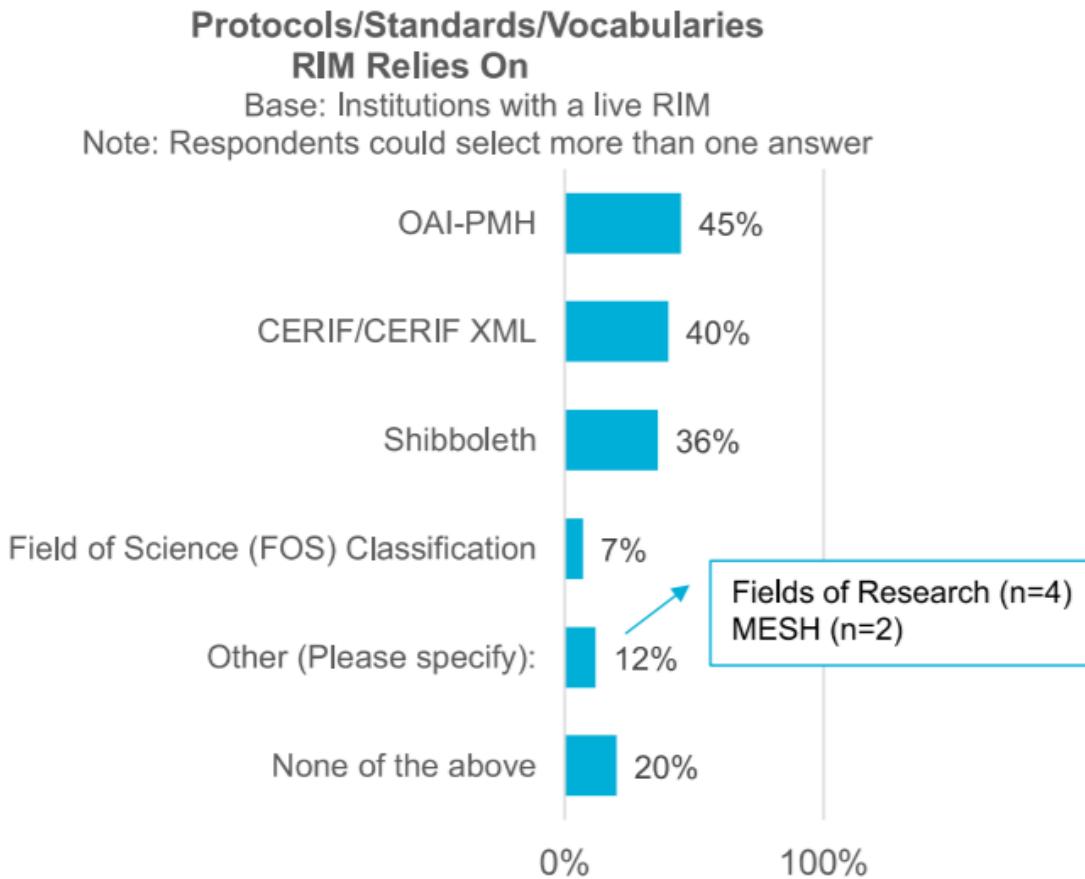
- 190-strong sample sufficiently significant
- In-house-built systems and Elsevier Pure the most popular RIM solutions
- Vendor platforms tend to prevail, but open source solutions also significant
- Institutions keep choosing to develop in-house platforms despite the consolidation in commercial offers

# Other findings: system interoperability

## RIM interoperates with multiple internal and external systems

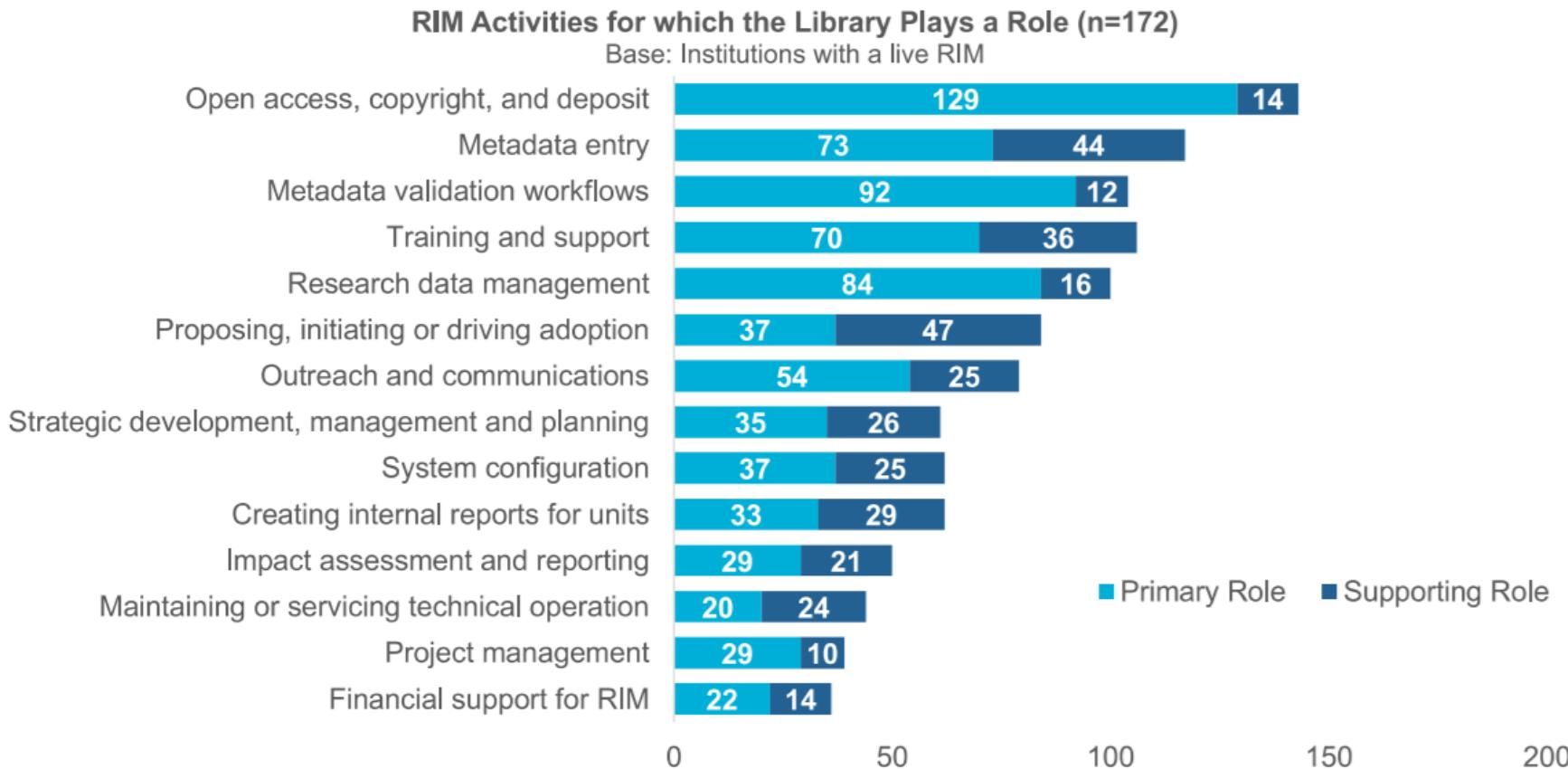


# Other findings: protocols & standards



- 65 CERIF/CERIF-XML implementations in a 171-strong sample: significant but not predominant
- OAI-PMH relevance hints at the importance of the aggregation of *repositories and publications*
- The role of the library should also be relevant as a consequence

# Other findings: the role of research libraries



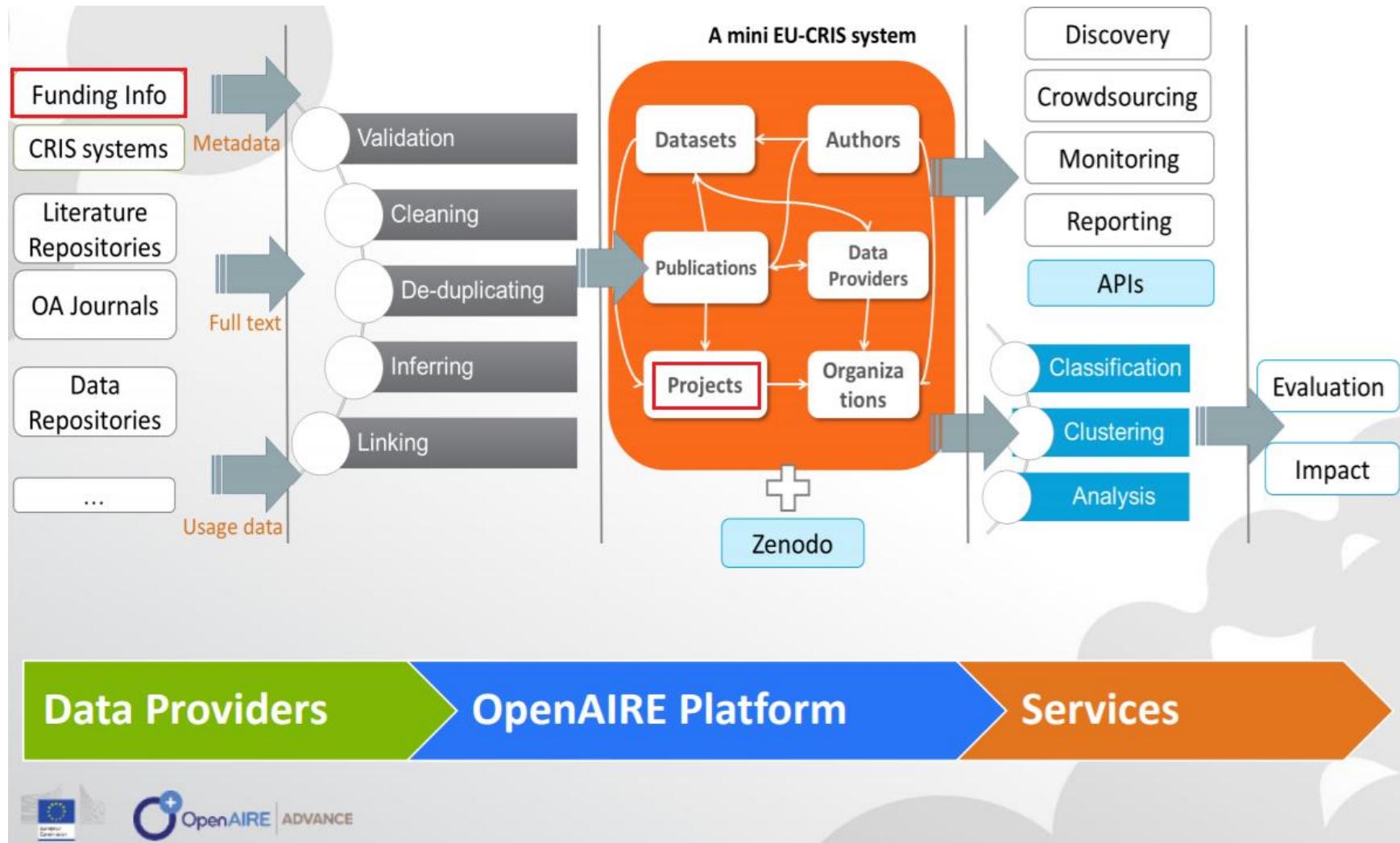
# Complementary national-level qualitative study



## Other needs reported by Research Managers

- Research Managers requested that, in order to facilitate external reporting, national authorities such as Ministry of Education, SUNEDU and CONCYTEC should reach a consensus about what information would be periodically requested from them and how should it be represented.
- Research offices would benefit greatly from having a way to know which projects are being developed by other national institutions, in order to create synergy and avoid duplication.
- There is a great need for discovering potential evaluators for projects and publications, without conflicts of interest.

# OpenAIRE “a mini EU-CRIS system”



# OpenAIRE Services for Funders



PARTICIPATE

SEARCH

MONITOR

SUPPORT

OPEN ACCESS

## Services for Funders: Portugal's FCT uses OpenAIRE

Updated on 28 July 2015

Portugal's major research funder FCT, [Fundação para a Ciência e a Tecnologia](#), is the first national funder using the OpenAIRE data model and services for funding information. OpenAIRE has recently released, in a pilot stage, the identification of almost 7000 publications as outputs from FCT projects.



The FCT is the major Portuguese Science Funder and released in 2014 its Open Access policy much in line with the European Commission OA recommendations. The basic requirement of this funder [OA policy](#) is the deposit as soon as possible of "all publications of research outputs, subject to peer-review or another form of scientific review" into a repository hosted within RCAAP – the Portuguese Open Access Repositories Network. The policy applies to papers in scientific journals, conference proceedings, posters, books and book chapters, monographs, Masters and PhD theses.

### Text Mining Services

This ongoing pilot project is the result of text mining processes developed in the OpenAIRE infrastructure, mainly based on the identification of publications in 28 Portuguese repositories (UMinho and PT repositories hosted by RCAAP network) from a set of 10 thousand FCT funded projects (gathered and listed [here](#)).

**FCT** Fundação para a Ciência e a Tecnologia  
MINISTÉRIO DA EDUCAÇÃO E CIÉNCIA

### First Results

As a result of this first phase of the pilot OpenAIRE have identified almost 7000 publications, listed [here](#) and where is possible to filter publications and browse by specific funding streams, project acronym, year and view specific statistics of the project: publications/data over time, OA status and where they were deposited. A specific page with overall funder/funding stream statistics was delivered where is possible to find facets over time, data source, institution, FCT and FP7 correlated figures.

The pilot developed by the OpenAIRE technical team and supported by the Portuguese OpenAIRE National Open Access Desk (University of Minho) and FCT information managers, will ensure a quality process in identifying publications with funding information, and may act as a powerful help in the implementation of the FCT open access policy.

PARTICIPATE SEARCH STATISTICS SUPPORT OPEN ACCESS

FCT - Fundação para a Ciência e a Tecnologia  
Updated on 15 May 2015

6,759 publications in 2,695 projects (total of 10,688 projects)  
6,119 are OA, 10 are restricted and 0 are still in embargo | [graph](#)

FCT publications through the years

Year	Publications
2007	~200
2008	~400
2009	~500
2010	~700
2011	~1000
2012	~1200
2013	~1400
2014	~1000

Working with other Funders

OpenAIRE gathers together the open access publications of the EC FP7 funding stream and moving on to EC Horizon 2020. For the first time, the EC can now view figures and detailed statistics on the research output associated with the funding that it provides. In turn this gives a figure for 'impact of funding', which can be viewed on the level of funding programme/stream/project. The services are currently being extended and are already including research data in a pilot stage.

As well as the EC and ERC, OpenAIRE has run a pilot with Wellcome Trust project info and now with FCT (the Portugal's major funder), and is ready to apply this model and its services to include additional funders at the national, or private/thematic level. OpenAIRE is available to work with other funders to offer the same data services.

More info for funders available [here](#).

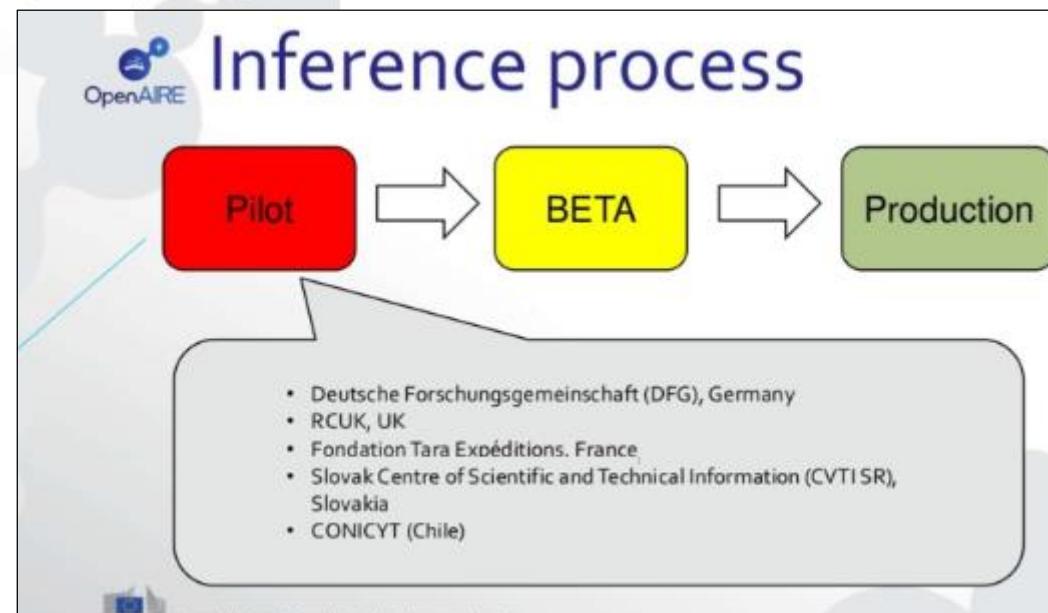
— Research funders and national agencies may rely on OpenAIRE for early RIM services – but will eventually prefer using *their own national CRISs*

— Portugal an interesting case-study: the research funder and the national agency *are the same body* (FCT/FCCN)

# OpenAIRE Services for Funders

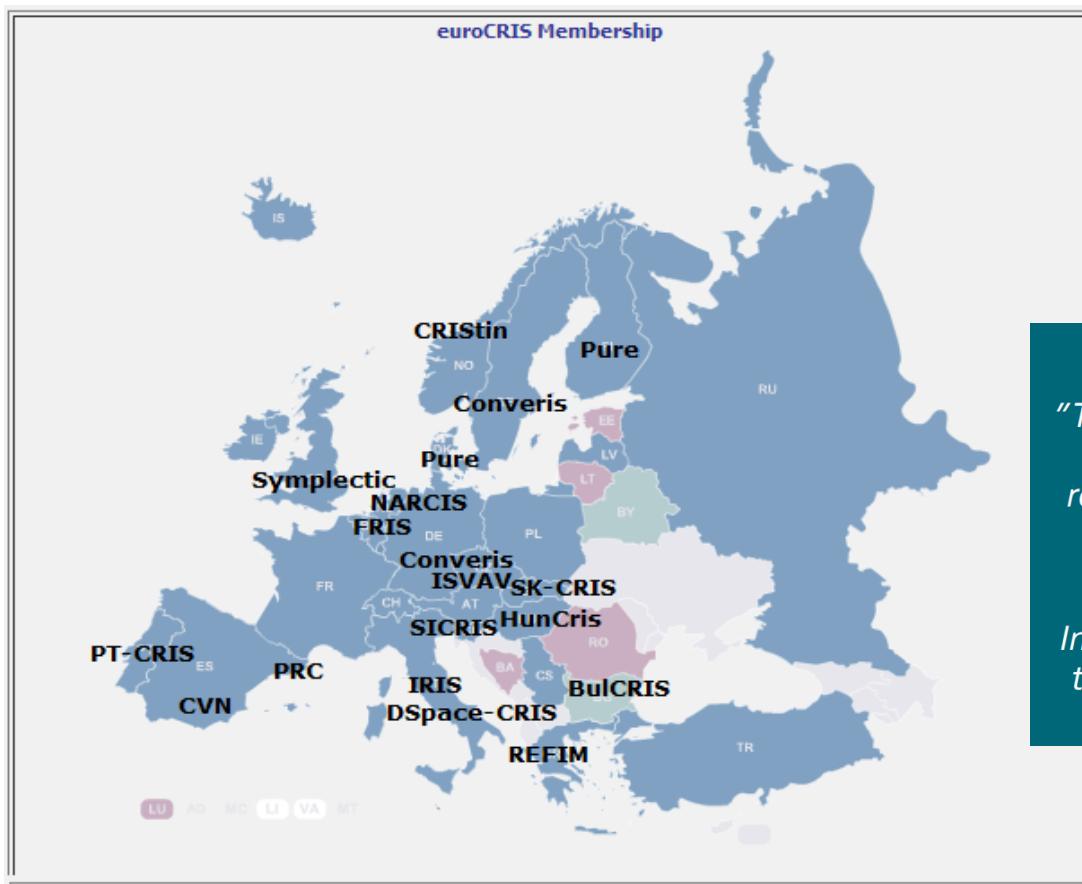
With this information, OpenAIRE  
can offer funders...

- A unique view of the scientific outputs that derive from their funding.
- OpenAIRE enables advanced monitoring (including of compliance with Open Access policies), reporting and analysis of research impact and research trends.
- Funders can assess the impact of their funding by viewing advanced statistics on research outputs (publications and data-sets) and the funding programme/stream/project from which they derive (including co-funded research results and research trends).



# National/regional CRIS systems: an insight

'CRIS systems across Europe: institutional, commercial and national CRISSs' (2014)



- The landscape is slowly evolving, as awareness of the relevance of RIM increases, but it's a tough political objective
- Several countries have ongoing projects: it typically takes several years and a strong vision

**Finnish Research Information Hub 2020:**  
*"The Ministry of Education and Culture has set a goal, that in 2020 all information regarding all scientific research made in Finland will be easily accessible for various purposes."*

*"Information filled in one system will be automatically translated to other systems, and the administrative workload will be alleviated."*

"Linking funding to research output and facilities through the Finnish Research Information Hub" (2018)  
<http://hdl.handle.net/11366/637>

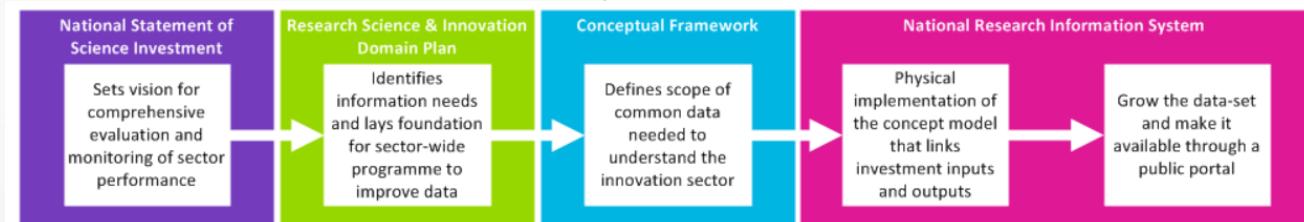
# National CRIS systems also outside Europe



**MINISTRY OF BUSINESS,  
INNOVATION & EMPLOYMENT**  
HĪKINA WHAKATUTUKI



## The National Research Information System: Overview



**Version 1.0 October 2017**

# PT-CRIS (FCT, Portugal)



Connected Research

## PTCRIS: Planning and implementing a national CRIS ecosystem

João Mendes Moreira



<https://orcid.org/0000-0002-9081-2728>

Cátia Laranjeira



<https://orcid.org/0000-0003-3952-8294>



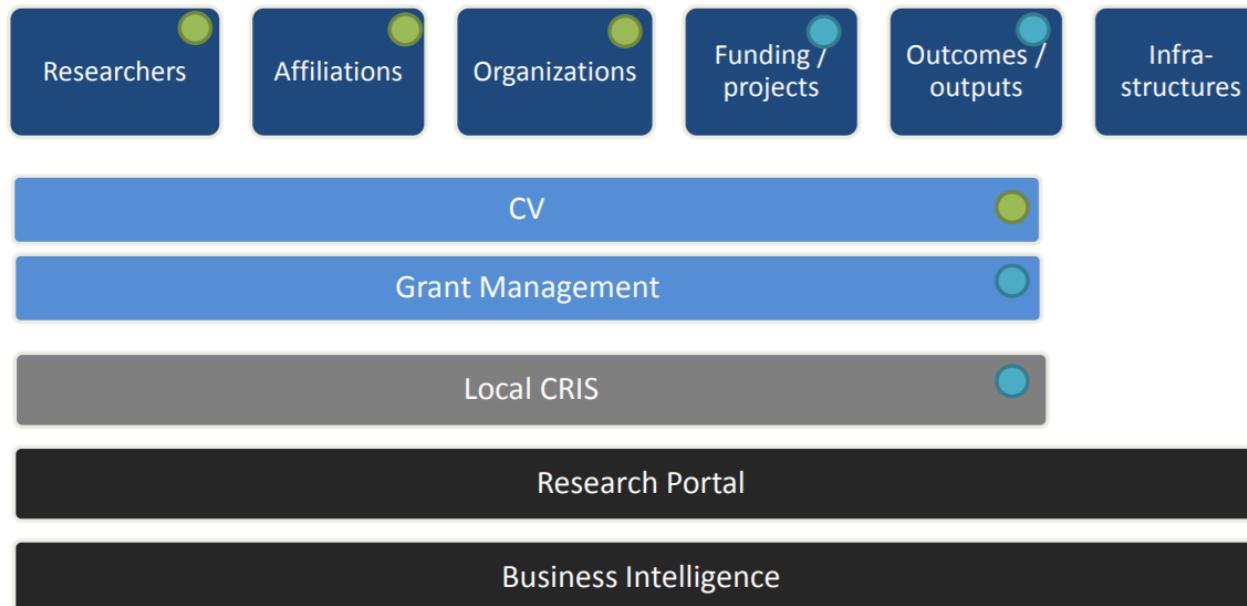
GOVERNO DE  
**PORTUGAL**

MINISTRO DA CIÉNCIA,  
TECNOLOGIA E ENSINO SUPERIOR

- System interoperability (“one input, many outputs”) and persistent identifiers (ORCIDs, OrgIDs) at the core of the PT-CRIS vision
- PTCRISync as a tool to synchronise platforms with each other (incl institutional repositories)
- PT-CRIS not a ‘system’ but rather an ‘ecosystem’ or framework

# PT-CRIS (FCT, Portugal)

## Ecosystem of Science and Technology



SoS = System Systems = ecosystem

# PT-CRIS (FCT, Portugal)

 CIÊNCIAVITAE

Encontrar Cvs   [Login](#)   EN PT

Partilhe: [f](#) [t](#) [in](#) [t](#)

## O seu CIÊNCIAVITAE

Facilita a gestão do seu currículo científico, dando-lhe maior visibilidade.

[REGISTE-SE](#)

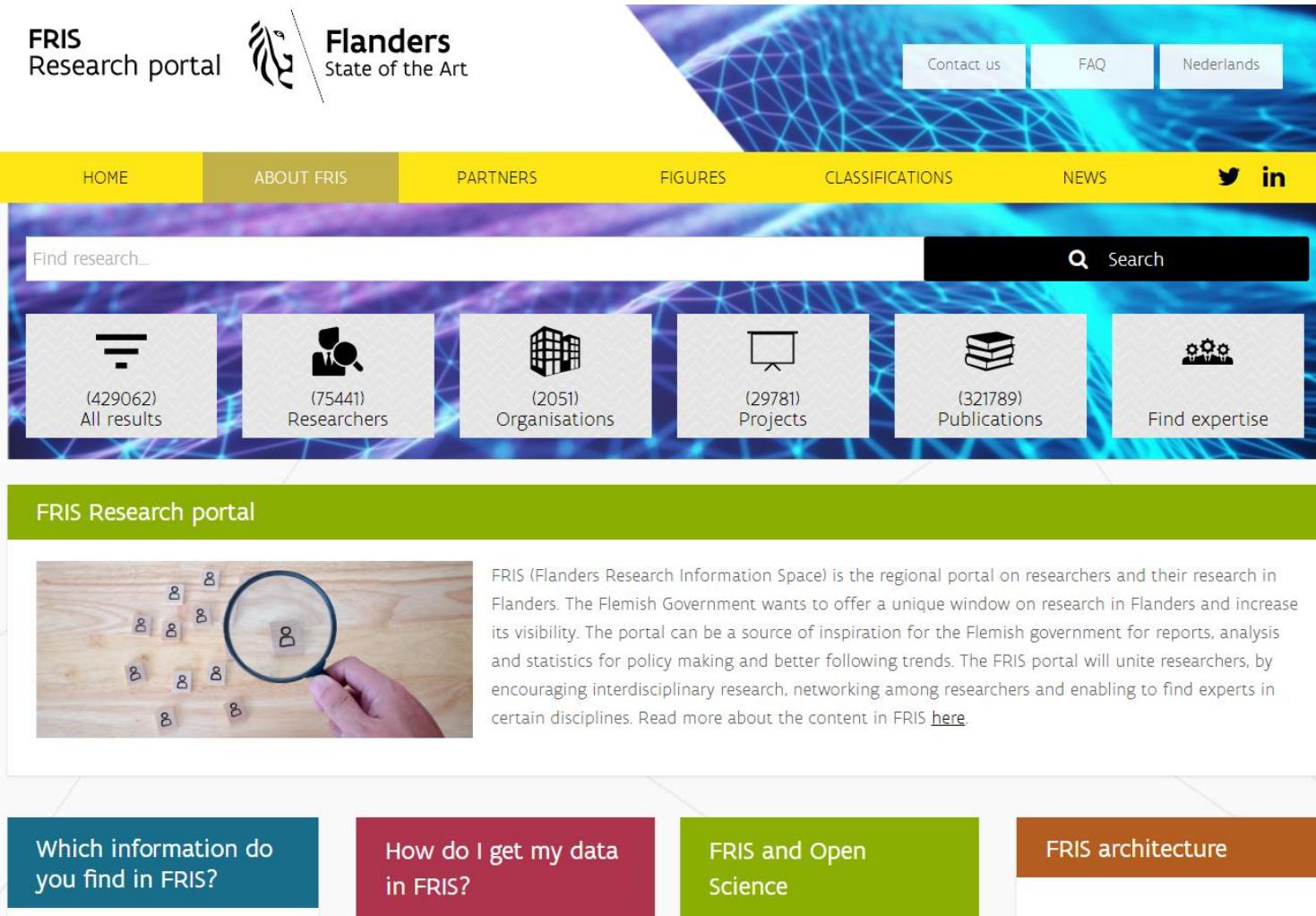


Registros no CIÊNCIAVITAE

 <b>243</b>	 <b>2070</b>	 <b>253</b>	 <b>327</b>
INVESTIGADORES	ARTIGOS	PROJECTOS	INSTITUIÇÕES

# FRIS (Flanders, Belgium)

FRIS  
Research portal



The screenshot shows the FRIS Research portal homepage. At the top, there's a navigation bar with links for HOME, ABOUT FRIS, PARTNERS, FIGURES, CLASSIFICATIONS, and NEWS, along with social media icons for Twitter and LinkedIn. Below the navigation is a search bar with the placeholder "Find research...". Underneath the search bar are six categories: All results (429062), Researchers (75441), Organisations (2051), Projects (29781), Publications (321789), and Find expertise. A large green banner below the categories reads "FRIS Research portal". To the left of the banner is a photograph of a hand holding a magnifying glass over a wooden board with several small cards, one of which has a person icon on it. To the right of the banner is a text block explaining what FRIS is and its purpose. At the bottom of the page are four buttons with links: "Which information do you find in FRIS?", "How do I get my data in FRIS?", "FRIS and Open Science", and "FRIS architecture".



# NARCIS (DANS, The Netherlands)

**DANS** Data Archiving and Networked Services

**NARCIS**

The gateway to scholarly information in the Netherlands

» Submit Content to NARCIS

Search... **SEARCH** ▾

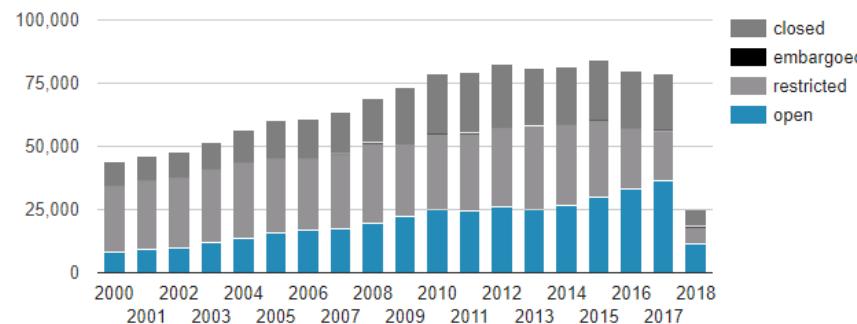
1,707,465 PUBLICATIONS    268,989 DATA SETS    68,392 RESEARCH    58,536 PEOPLE    2,956 ORGANISATIONS

**NARCIS**

- » Search for publications and research data in the Netherlands via 1 portal
- » Information on researchers, projects and institutions
- » Manage your own researcher profile page
- » Statistics on Open Science
- » NARCIS content in international services, like Google Scholar

[narcis.nl](http://narcis.nl)

OPEN AND CLOSED ACCESS SCHOLARLY PUBLICATIONS IN NARCIS PER YEAR OF PUBLICATION



This chart shows the actual number open, closed, restricted en embargoed publications (articles, doctoral theses, books, reports et cetera) in NARCIS, since 2000 (Live-data).

# CRISTin (UNIT-CERES, Norway)

**From a national CRIS along the road to Green Open Access – and back again:  
Building infrastructure from CRISTin to Institutional Repositories in Norway**

Lars Wenaas<sup>a</sup>, Nina Karlstrøm<sup>a</sup>, Tore Vatnan<sup>b</sup>

<sup>a</sup> CRISTin, Oslo, Norway

<sup>b</sup> USIT, University of Oslo, Norway

"All these steps helps to solve challenges Open Access has in Norway today, and further underlines the, in our view, sound connection between a CRIS and Open Access; between a system for metadata and institutional repositories."

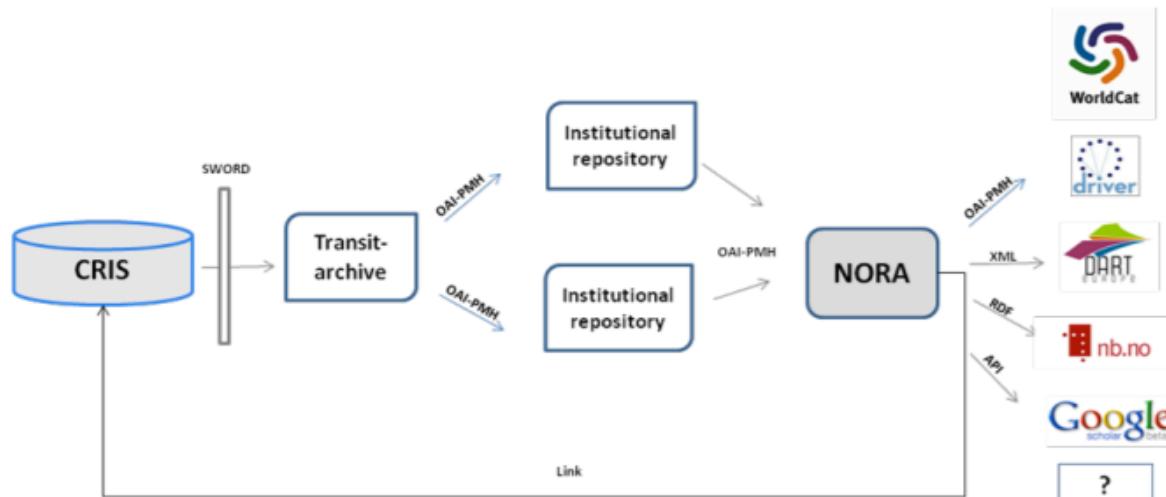


Figure 1: The principles of the infrastructure



## CRISTIN

Current Research Information System In Norway

Search for projects, results and persons

- All types (113)
- Project (8)
- Person (1)
- Result (104)

#### INSTITUTION

- Norwegian University of Science and Technology (1)

- SINTEF (1)

- SINTEF Energy Research (1)

#### SECTOR

- Institute Sector (1)

- Universities and colleges (1)

#### PARTICIPANT

- Vojislav Novakovic (1)

- Anne Grete Hestnes (1)

- Thomas Berker (1)

STIFTELSEN SINTEF AND marketplace



Sort by:

Relevance ▾

Reset search

#### Active filters

 Norwegian University of Science and Technology

1 - 1 of 1



### FME-ZEB: Research Centre on Zero Emission Buildings

Arlid Gustavsen + 3 participants

Faculty of Architecture and Design at Norwegian University of Science and Technology • SINTEF • SINTEF Energy Research • Department of Energy and Process Engineering at Norwegian University of Science and Technology • Department of Architecture and Technology at Norwegian University of Science and Technology • Department of Interdisciplinary Studies of Culture at Norwegian University of Science and Technology

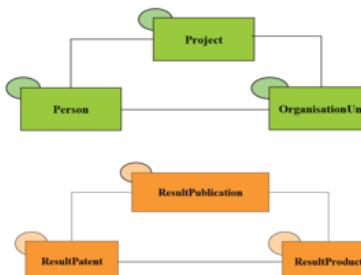
Concluded

1 - 1 of 1

# SK CRIS (CVTI SR, Slovakia)

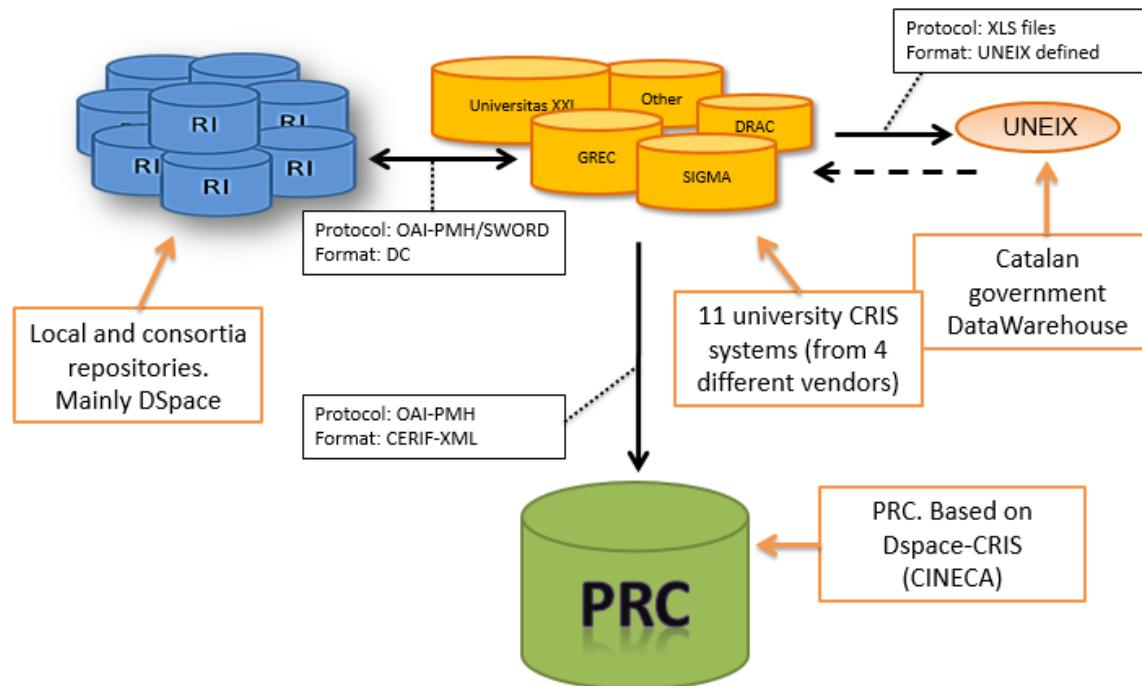
## SK CRIS CONTENT

- Researchers
- R&D Projects
- Organisations
  - Assessment of competence to perform research and development
  - Additional Statistical Survey of Research and Development Potential
- R&D Results



# PRC (CSUC, Catalonia, Spain)

## Data flow, protocols, sources and formats



**PRC**

Portal de la Recerca  
de Catalunya

<https://portalrecerca.csuc.cat/>

# Distributed IRIS (CINECA, Italy)

Technical Portal

Search

- > Funzionalità Generali U-GOV
- > Amministrazione
- > Anagrafiche e Configurazione
- > Catalogo e Valutazione Ricerca (U-GOV RI)
- ▽ Institutional Research Information System (IRIS)
  - Documentazione di supporto (IRIS day, Open Access, ORCID webinar)
- > FAQ ORCID
- Gestione etichette
- Gestione permessi
- > Modulo IR (Institutional Repository)
- Personalizzazione del look & feel
- > Video Tutorial e Webinar
- > Modulo ER (Evaluation & Review)
- List of IRIS Installations - Elenco delle installazioni IRIS
- > Operational Data Store (ODS)
- IRIS-IE (IRIS Import/Export)
- Reportistica e Analisi: novità introdotte con la v.16.7.2.0
- Reportistica e analisi (versione precedente)
- IRIS & OpenAIRE
- > Modulo RM (Resource Management)
- > Modulo AP (Activities & Projects)
- Reportistica e Analisi: Bookmarks

UGOV - Help utente / UGOV - Help utente / Institutional Research Information System (IRIS)

List of IRIS Installations - Elenco delle installazioni IRIS

List of IRIS Installations (updated 18.04.2018)

	Istituzione	Url	Base Url	Note	OpenAIRE compliant
1	eCampus Università Telematica	iris.uniecampus.it	iris.uniecampus.it/oai/request?verb=Identify		X
2	Fondazione B. Kessler	cris.fbk.eu	cris.fbk.eu/oai/request?verb=Identify		
3	Fondazione Mach	openpub.fmach.it	openpub.fmach.it/oai/request?verb=Identify		X
4	INRIM	iris.inrim.it	iris.inrim.it/oai/request?verb=Identify		
5	Museo delle Scienze	moa.muse.it	moa.muse.it/oai/request?verb=Identify		
.					
.					
69	Università degli Studi del Piemonte Orientale (Vercelli)	iris.uniupo.it	iris.uniupo.it/oai/request?verb=Identify		
70	Università degli Studi di Verona	iris.univr.it	iris.univr.it/oai/request?verb=Identify		X

# National/regional CRISs: some conclusions

- No one-size-fits-all solution: specific needs and circumstances need to be taken into account at design stage
- National/regional CRIS system often built on top of previous repository aggregation infrastructure (by extending data model)
- Small countries tend to perform better than large ones due to better opportunities for coordination
- Institutions will often take the lead, as it's both a clearer case for them and they may face less bureaucracy. Mixed national/institutional working groups could be of great help
- International developments very relevant, both for learning from others and for delivering own lessons: please keep taking part in euroCRIS events!



## I Congreso Nacional de Gestión de Información en CTI

Thanks!

Questions?

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<http://orcid.org/0000-0001-6300-1033>