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## So you thought being a Librarian was boring?

Anna Clements

@annaklements

Jen Pritchard

University of St Andrews

Rebecca Bryant

OCLC

euroCRIS slides from Michele  
Mennielli\_



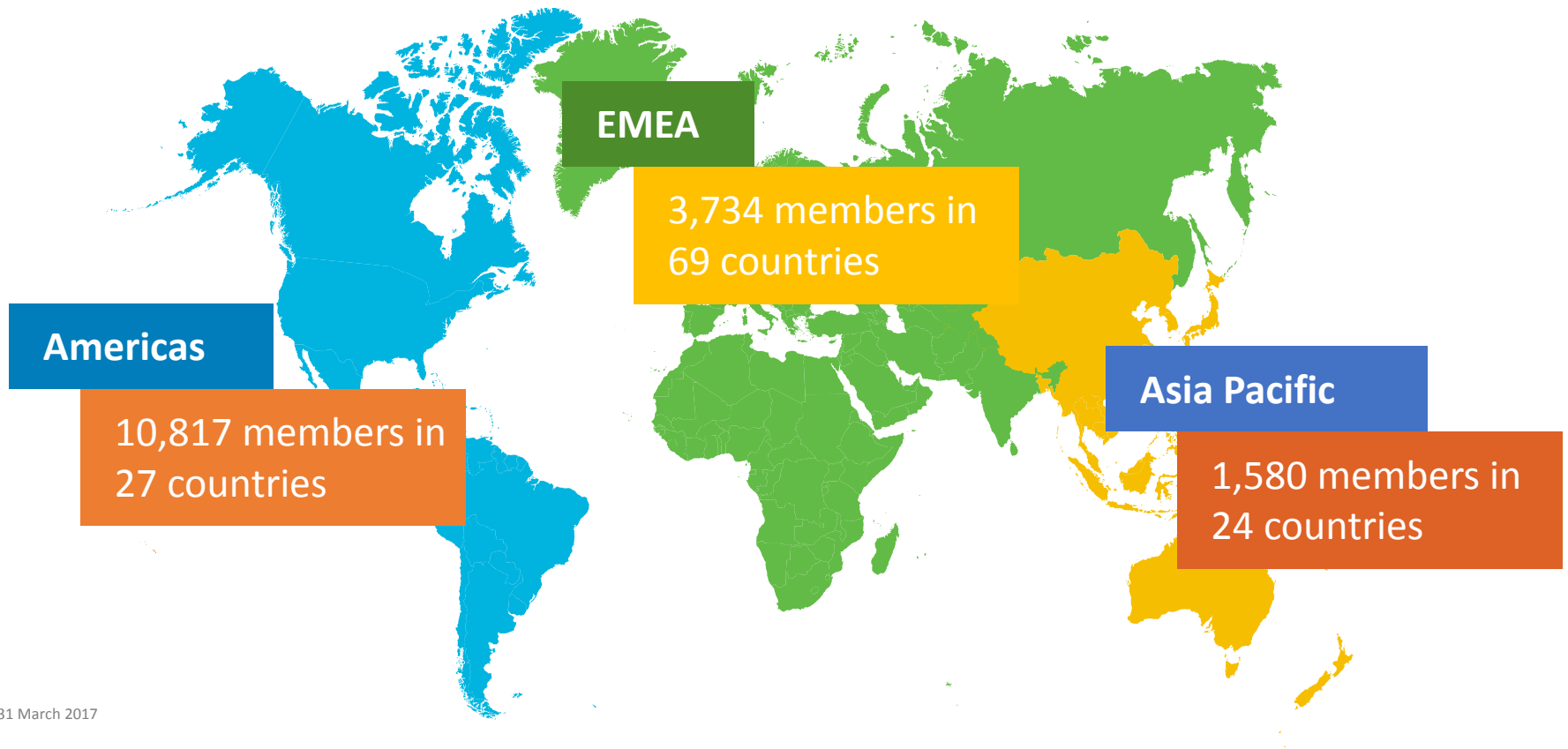
# We want to talk about communities around Research Information Management ....

## International : OCLC and euroCRIS communities

- White paper : Defining RIM and the Library's role
- International survey

## Local : Case study from St Andrews

# OCLC : A global network of libraries



- Division of OCLC
- Devoted to challenges facing libraries and archives since 1978
- Community resource for shared Research and Development (R&D)
- Engagement with OCLC members and the community around shared concerns
- [oclc.org/research](http://oclc.org/research)

[oclc.org/rdm](http://oclc.org/rdm)



[oclc.org/NatlDigitalPlatform](http://oclc.org/NatlDigitalPlatform)



<http://www.oclc.org/research/publications/reports.html>

# OCLC Research Library Partnership (RLP)

- ~150 research libraries worldwide
- Facilitates collaboration, research, & sharing across member institutions & with OCLC Research
  - Working groups
  - Research reports
  - Webinars
  - Consultations & events
- [www.oclc.org/research/partnership.html](http://www.oclc.org/research/partnership.html)

# euroCRIS

An international not-for-profit association founded in 2002 to bring together experts on research information in general and research information systems (CRIS) in particular



ALLEA  
ALL European Academies

COAR  
Confederation of Open Access Repositories

casrai  
Connecting Research

EUROPEAN  
SCIENCE  
FOUNDATION

EARMA  
European Association of  
Research Managers and Administrators

DURASPACE™

ODATA  
Open Data

ERCIM  
European Research Consortium  
for Informatics and Mathematics

APARSEN  
Alliance Permanent Research for the  
Records of Science in Europe Network

EUROPEAN UNIVERSITY  
INFORMATION SYSTEMS

ibict

ORCID

Jisc

# euroCRIS in a nutshell

## Mission

To promote **cooperation** within and share **knowledge** among the research information community and **interoperability** of research information through **CERIF**

## CERIF

Development and governance of the CERIF data model and CERIF XML:

**Common European Research Information Format**

## Task Groups

- 1) CERIF & CRIS Architecture &
- 2) Standards
- 3) Best Practice/DRIS
- 4) CRIS-IR
- 5) Indicators/Impact

## Events

**Strategic Membership Meetings**  
(twice a year)  
&  
**Conferences**  
(every 2 years)

# The importance of CERIF

**An international open standard relational data model** for storage and interoperability of research information

**Official EU Recommendation** to Member States



**Standard exchange format (CERIF-XML)** for interoperability between systems

**Reference model** for the development of Research Information Systems (CRIS)

## News

### euroCRIS keeps growing: new Members

28-09-2017

euroCRIS is happy to inform you that since first of August we have been able to welcome 5 new members of which 4 institutional and 1 personal..

### euroCRIS presentation for the OECD NESTI Bureau

15-09-2017

A presentation on "International standards setting for data on research information. The experience of CASRAI and euroCRIS" was delivered on Mon Sep 11th by euroCRIS Board member Anna Clements at the NESTI Bureau Advisory Group Meeting.

[...more news](#)

### euroCRIS Blog

#### The quest for funding information

18-08-2017

Research funders generally joined the Open Access

## euroCRIS Strategic Membership Meeting, November 20-22, Bratislava, Slovakia

In Cooperation with the **Slovak Centre of Scientific and Technical Information (CVTI SR)**

The theme of the Meeting is:

### Research Information and Open Science

So a very topical theme, given a.o.t. the relevance for the European Open Science Cloud (EOSC) Initiative. Add to this the fact that we have been able to contact as a key note speaker, the Director of the EOSC project: **Dr. Jean-Claude Burgelman** and you will agree that this is a not to miss event!

Also non-members are welcome!

[Click here for full info](#)

Please notice the event "[Focus on Open Science](#)" by Scientific Knowledge Services in collaboration with LIBER and e-Infrastructures Austria Plus in Vienna (close to Bratislava!) on November 20th, 2017.



## Mission

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



Follow us on  
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## euroCRIS Sponsors

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The activities of euroCRIS are kindly supported by the following companies / organisations:

**4SCIENCE**  
Share your knowledge



# Position Paper: Research Information Management: Defining RIM and the Library's Role

- Rebecca Bryant, OCLC Research
- Anna Clements, University of St Andrews
- Carol Feltes, Rockefeller University
- David Groenewegen, Monash University
- Simon Huggard, La Trobe University
- Holly Mercer, University of Tennessee, Knoxville
- Roxanne Missingham, Australian National University
- Maliaca Oxnam, University of Arizona
- Anne Rauh, Syracuse University
- John Wright, University of Calgary

## **Forthcoming OCLC Research Report (18 October 2017)**

- Provides an international framework for understanding RIM practices
- Synthesizes the value proposition of libraries in RIM service provision
- [oclc/rim](http://oclc/rim)

# Report description

- The goal of this report is to help libraries and other institutional stakeholders understand developing research information management practices—and particularly the value add that libraries can offer in this complex ecosystem.
  - It offers a definition of RIM practices and nomenclature, offering models to explain the metadata sources, uses, and institutional stakeholders.
  - It also provides examples and models of library engagement in RIM.

# Why call it Research Information Management rather than Research Information System?

- An ecosystem, not a single system or platform



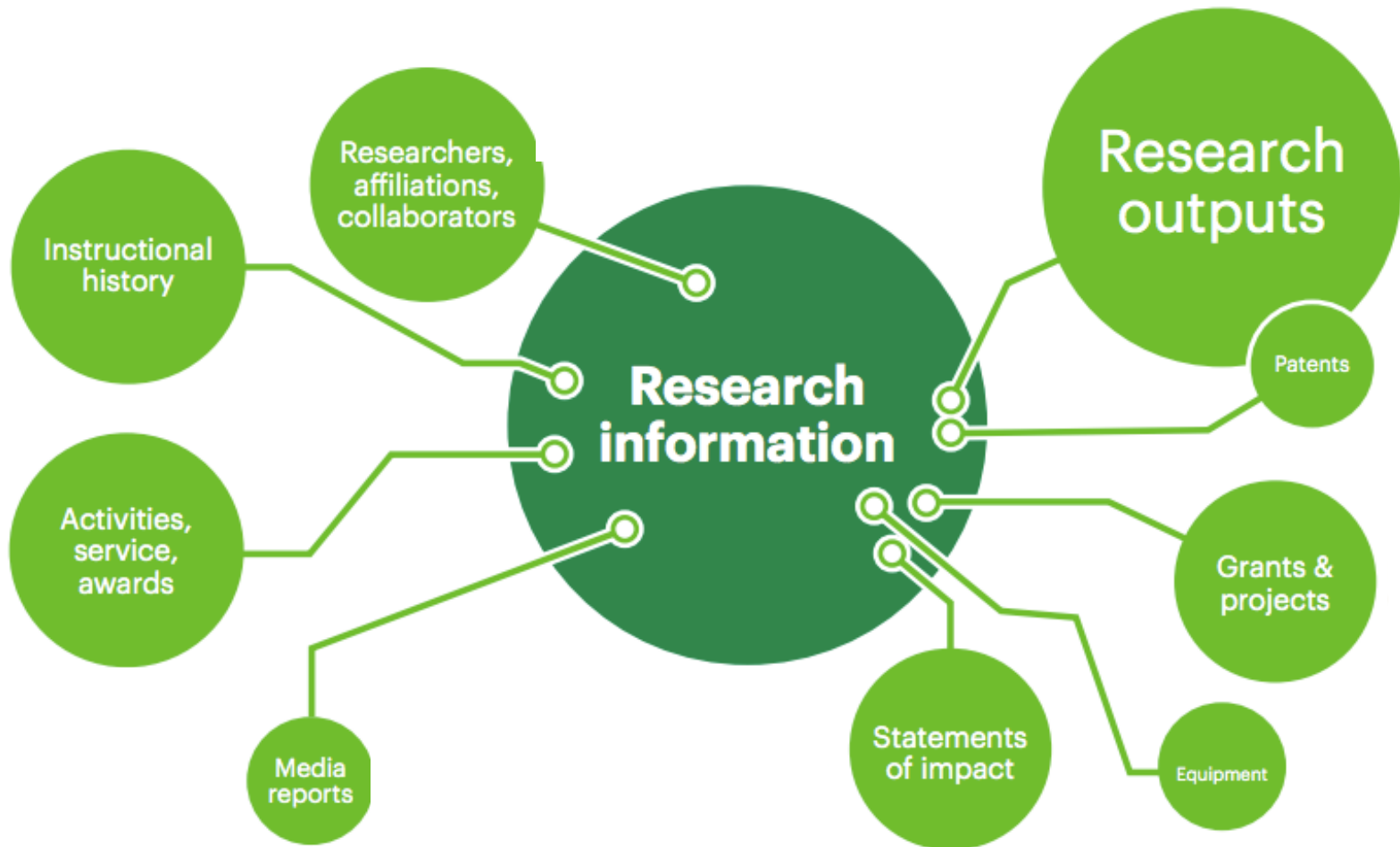
## Overlapping terms:

- CRIS (Current Research Information System)
- RIS (Research Information System)
- RNS (Research Networking System)
- RPS (Research Profiling System)
- FAR (Faculty Activity Reporting)

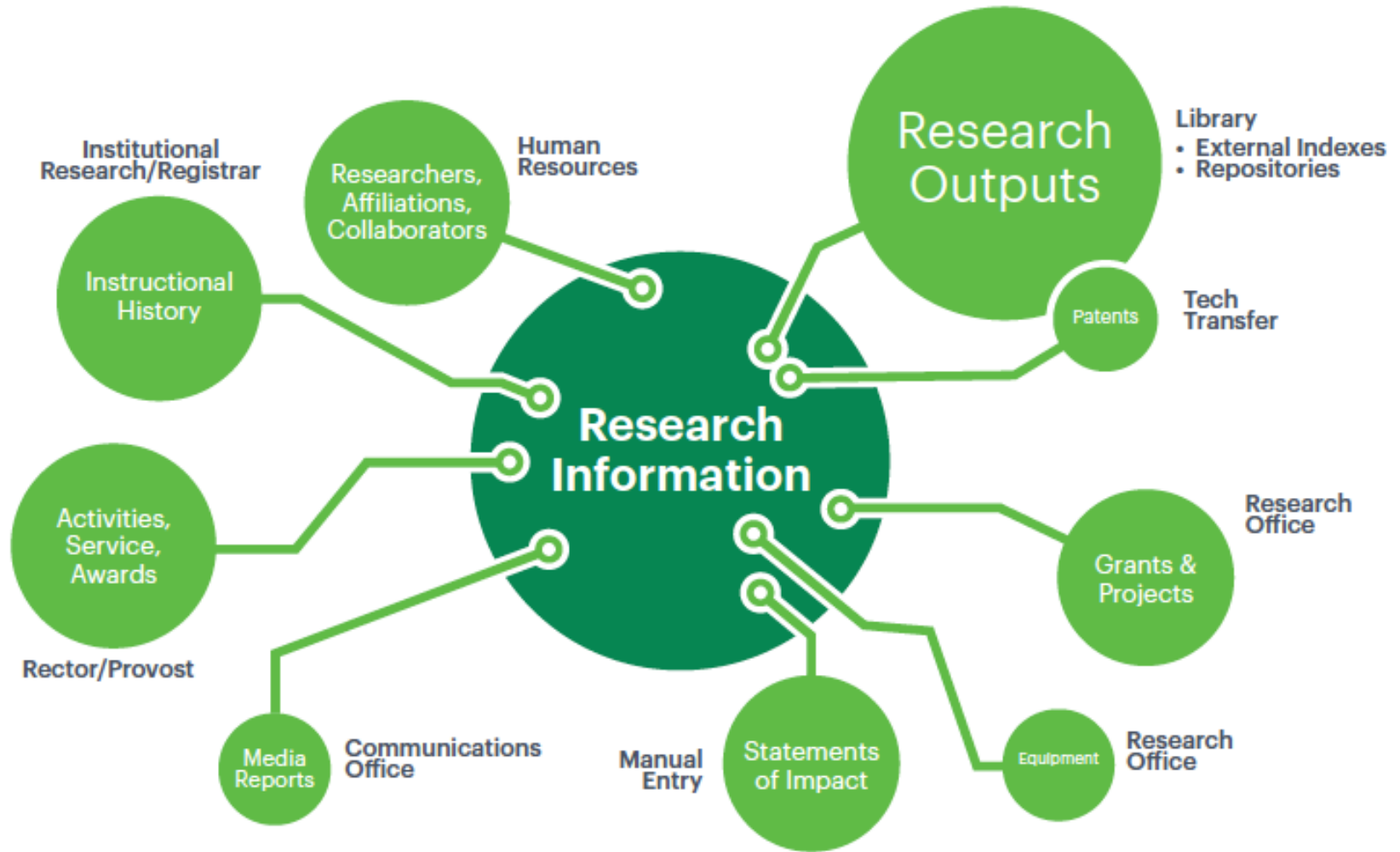


- RIM ≠ social networking platforms e.g. ResearchGate or Academia.edu
- RIM ≠ Research Data Management (RDM)

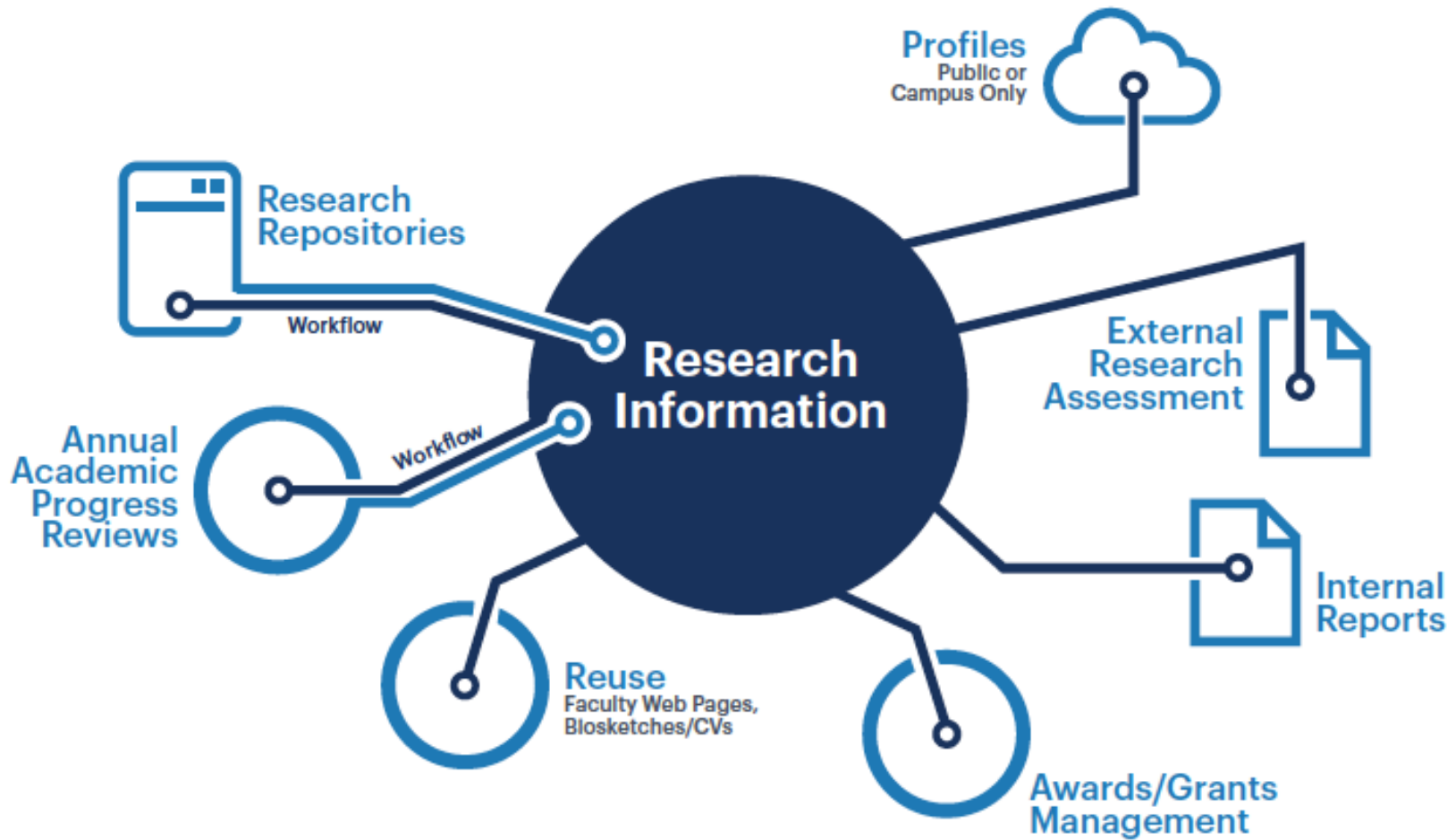
## RIM metadata



## Institutional Collaborators



# RIM Uses



# Libraries in research information management

Publications &  
scholarship  
expertise

Training &  
support

Discoverability,  
access &  
reputational  
support

Stewardship of  
the institutional  
record

# Survey of Research Information Management Practices

- Rebecca Bryant, OCLC Research
- Pablo de Castro, University of Strathclyde & euroCRIS
- Anna Clements, University of St Andrews & euroCRIS
- Jan Fransen, University of Minnesota, Twin Cities
- Julie Griffin, Virginia Tech
- Constance Malpas, OCLC Research
- Michele Mennielli, DuraSpace & euroCRIS
- Rachael Samberg, University of California, Berkeley

**Survey launched week of  
October 16, 2017  
OCLC Research report expected  
Spring 2018**



# CRIS/IR Survey Report



<http://www.eunis.org/blog/2016/03/01/crisir-survey-report/>

<http://www.eunis.org/wp-content/uploads/2016/03/cris-report-ED.pdf>

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CINECA & EUNIS & euroCRIS

# EuroCRIS and EUNIS Survey on the state of CRIS and IR in Europe

Ligia Ribeiro, Michele Mennielli, Pablo De Castro



20 responding countries



84 responses

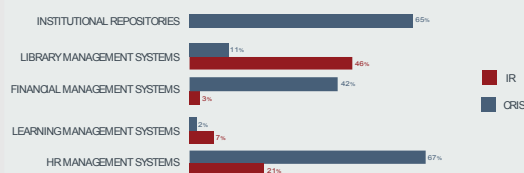
## Introduction

Current Research Information Systems (CRISs) and Institutional Repositories (IRs) are two main components of the Research Information Management realm.

The rising strategic importance of CRISs for higher education and research institutions relates to the need of fostering research and innovation, providing faster and broader technology transfer to industry and society, a critical factor for global competitiveness, and the subsequently increasing competition among institutions to augment and communicate excellence in research.

Knowing how institutions in Europe are using their CRISs and IRs was the main goal of a survey jointly carried out by euroCRIS and EUNIS, the European University Information Systems Organization.

## Links to internal systems



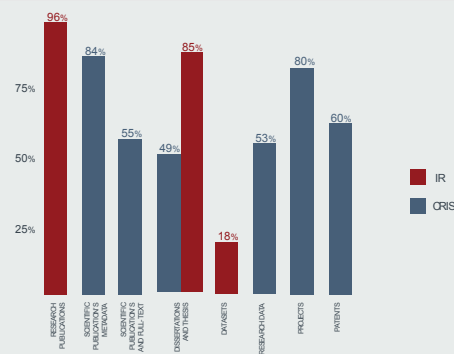
This graph provides an insight on how interoperability works within Institutions. There are several interesting aspects in these results:

- (i) almost 75% of the institutions have linked their CRIS and their IR, so both platforms are perceived to be closely related
- (ii) when it comes to interoperability with legacy systems such as Finance and HR, CRISs are the preferred system to link to because of the data and information contained in them
- (iii) there is still very little integration between Learning Management Systems and either CRISs or IRs. This could subsequently be an interesting workline to devote some effort on.

## CRIS/ IR Type of content

This graph answers two of the most pressing questions raised in the past few years: are CRISs replacing IRs? Are the two systems overlapping in their functionalities? Both questions seem to get a negative answer.

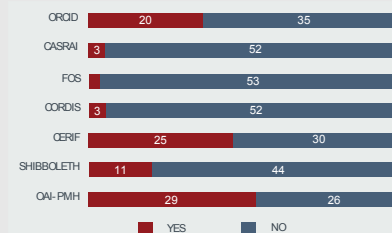
The two systems are clearly complementary: while IRs are the preferred ones for managing publications, dissertations and datasets, CRISs are regularly chosen for managing all the remaining data. It is worth noticing that datasets are managed in a still very small percentage of Institutions and that the only entity that sees a certain overlapping is "dissertations and thesis".



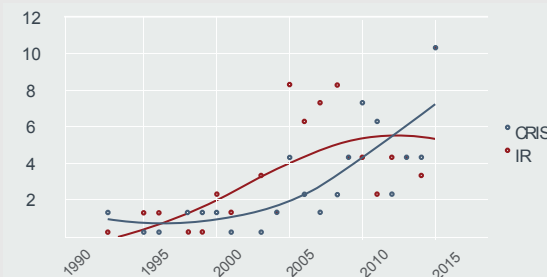
## Protocols, standards and vocabularies

The graph shows that the three most frequently adopted technologies and standards are (in order of popularity): OAI-PMH, CERIF and ORCID. This result could be explained by the emphasis placed on Open Access policies, interoperability and data exchange among different systems, and the unique identification of researchers.

These three areas are all somehow related not only to technological decisions, but to political ones as well, both at individual institution and at governmental level.



## Evolution of CRIS and IR



The image shows the current trends in CRIS and IR adoption at institutions. IRs are much more mature systems and they have been used for a longer period of time, while CRISs are kind of new in the research information management area but their adoption has significantly speeded up in the last five years.



ERA

Eunis Research and analysis Initiative



# Forthcoming OCLC/euroCRIS survey to a wider audience and wider scope

## Seeks input from institutions at all stages of RIM adoption

Please choose the status that best describes your institution's research information management (RIM) implementation stage.

- ☐ **Live Implementation:** Currently live with RIM system and service made publicly visible to campus stakeholders
- ☐ **In the process of implementing:** A decision has been made on which RIM system to use; contracts are signed. The system is not yet operational.
- ☐ **Procurement Process:** In the procurement process - in the process of evaluating specific systems under consideration
- ☐ **Exploring:** Defining system requirements and comparing available options
- ☐ **Not considering:** Not considering a RIM system at this time

## **WHY?**

**We want to identify the different drivers for RIM adoption worldwide**

## **HOW?**

**We want to understand how institutions are USING RIM functionality**

## **WHAT?**

**Processes, systems, interoperability & scope**

## **WHO?**

**Stakeholders & collaborators**

# Survey timeline & how to participate

- Survey launches October 18
  - Spanish language coming November, thanks to CONCYTEC
  - Closes mid-January
- Open to all research universities, institutes and other RIM implementers worldwide
- One survey per institution please

To learn more and complete the survey for your institution: [oclc/rim](https://oclc.org/rim)



## Our Approach



### Research Policy Office

Strategic direction

REF developments and processes

Citation Analysis

Content policy

Public profiles



### Library

User support/helpdesk

Training and guidance materials

Upgrades and system maintenance

Bibliographic checking

Open Access and Repository support

Data Deposit

# What does the split bring



## Benefits:

### Research Policy Office

- More time
- Less resource intensive
- Understanding of technical issues no longer necessary
- Expert support for publications/data
- Established relationships
- Cross pollination of ideas and good practise
- Strategic oversight

### Library

- Direct control over system
- Easy communication with admin
- Issues raised at Policy level
- More resource
- Closer links to strategic decisions
- Regular updates
- Cross pollination of ideas and good practise

What does the split bring



## Challenges:

### Research Policy Office

- Loss of detailed understanding
- Less direct control over system
- Fitting into another's priorities
- Time lag in reporting
- Building awareness of change

### Library

- Yet another system to look after
- Increased resource
- Building awareness of change
- New demands

## 2017 Pure Team

Pure is supported by:

- A Research Information Manager - 50/50 split role
  - Bridging post between the research policy office and the library

And in the library by the Digital Research Team:

- A System Administrator
- Open Access Support team, includes repository support (4 staff)
- A web services developer and ad hoc IT support for technical issues (as required)
- Research Data team (2 staff)

Being the bridge

**Split management can feel like**



**But can enhance across unit communication**



# Being the bridge

## Managing your units expectations

Like the user perception the bridge can have 2 different views of the supporting units depending on the task in hand:

### Research Policy Office:

#### Benefits

- Strategic drivers
- Higher profile
- Bigger budget
- Authoritative voice

#### Challenges

- Urgent/unexpected requests
- Tight deadlines
- Inflexible requirements
- Need unambiguous data



# Being the bridge

## Managing your units expectations

### Library:

#### Benefits

- Expert knowledge
- Highly subject focused
- Able to spend time on details
- Well known by users

#### Challenges

- Different priorities
- Narrower focus
- Viewed as just publications
- Process driven

What works!

## **Works, for me anyway:**

- Regular catch ups with both unit managers
- Keeping a shared priorities list
- Maintaining social link with both teams
- Compartmentalising tasks where possible
- 2 physical locations
- Taking a step back

What doesn't!

## Challenges

- Opposing agendas/instructions
- Regular catch ups with both unit managers
- Keeping up to date with all the issues
- 2 physical locations
- Seeing both sides
- Delivering an unpopular decision
- Managing your own priorities

## Open Access – A shared approach

### **Delivering Open access support across St Andrews**

The Library has been actively involved in Open Access advocacy for many years, discussing multiple factors with researchers eg:

- funder compliance
- enhancing visibility of research
- underlying benefits to society
- practical steps: how to achieve OA in the current scholarly communications environment
- what could change such as new publishing models

The UK Research Excellence Framework 2021 OA Policy was a game-changer, and suddenly makes OA relevant to all researchers and raises the profile of OA at an institutional level.

- OA now part of intuitional KPIs



# Open Access – A shared approach

## Delivering Open access support across St Andrews

A two pronged approach via the Library and Research Policy office for OA and the route to deposit via Pure:

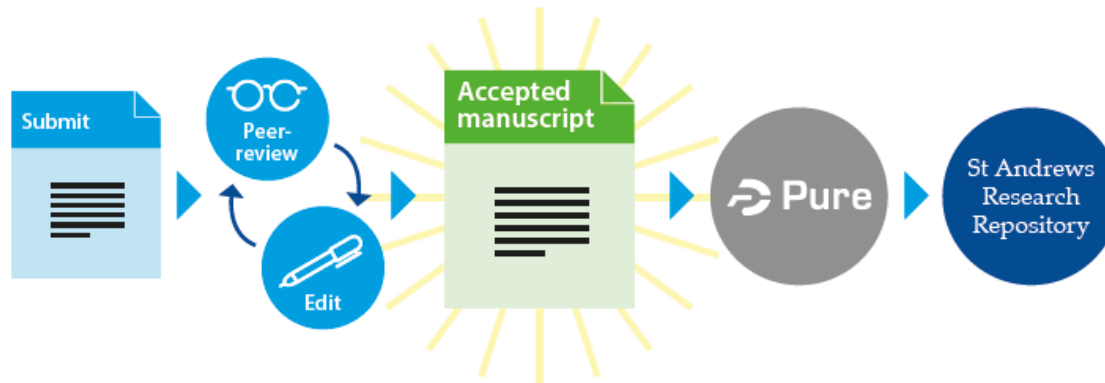
### Benefits

- Expert OA support team
- OA approach is 'inclusive'
- Uses existing Pure functionality
- Simple message
- Institutionally supported
- Ignores moving target of REF compliance date policy
- But retains the REF knowledge within the library

### Challenges

- Risk linking OA too closely to compliance
  - Typical researcher response: *'this won't be a REF piece, so I won't bother'*
- Keeping the communication clear
  - Mindful of both REF and OA policy
  - Keeping everyone on the same page
- One system many use cases
  - Functionality doesn't always align with institutional vision

# Act on **acceptance**: deposit in **Pure**



Twitter comment: “OA team is very helpful and efficient: OA is easy!”



**Open Access** is here!  
Make sure you are ready

Act on **acceptance**:  
deposit in **Pure**



Make sure you are eligible for the next **REF**  
Your University Library can help, email [openaccess@st-andrews.ac.uk](mailto:openaccess@st-andrews.ac.uk)



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## Key to success

- Talk to each other
- Keep it simple
- Be consistent
- Be vocal and visible
- Get central support
- Be prepared for lots of questions



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Thank you!

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***OCLC Research***



Bad Libraries Build  
Collections, Good Libraries  
Build Services, Great Libraries  
Build Communities

