



Repository and CRIS

CONCYTEC CRIS Days
Lima – October 2, 2018

Michele Mennielli
International Membership and Partnership Manager

Thanks to Tim Donohue, Art Lowel and Andrea Bollini, for
providing many slides

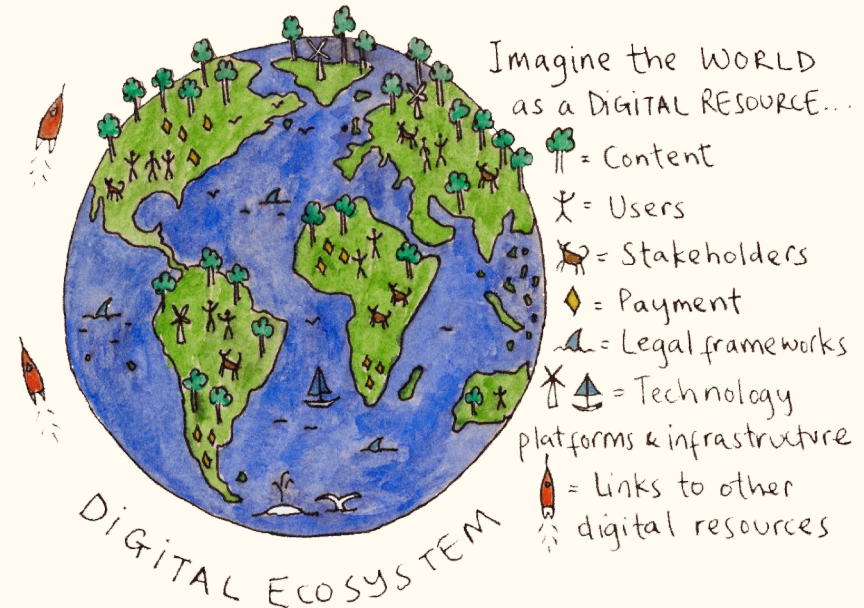


About DuraSpace

DuraSpace is not for profit organization that provides support and coordination for **open technologies**

We work to ensure that **current and future generations** have **durable and persistent access** to our **collective digital heritage**

Our **community** is part of an **interconnected, worldwide, scholarly ecosystem**



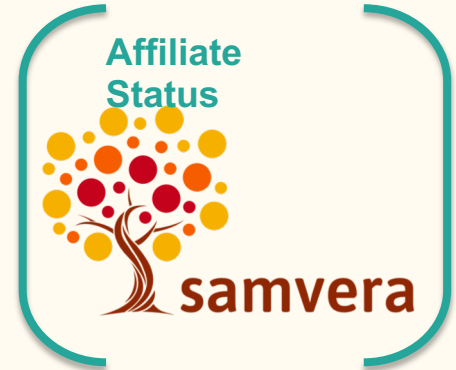
...its open source projects

DuraSpace open source projects are part of the scholarly ecosystem



DSPACE

Fedora™



VIVO

connect • share • discover



...its partners



CHRONOPOLIS



...its members



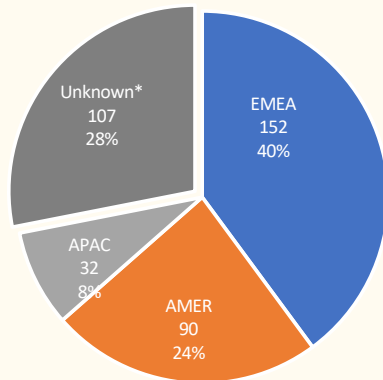
What the OCLC-euroCRIS Survey tells us?

<https://www.oclc.org/research/themes/research-collections/rim.html>

OCLC-euroCRIS Survey on RIM Practices

381 survey respondents from 44 countries

Respondents by Region
(n=381)



*Note: 107 respondents did not provide a country

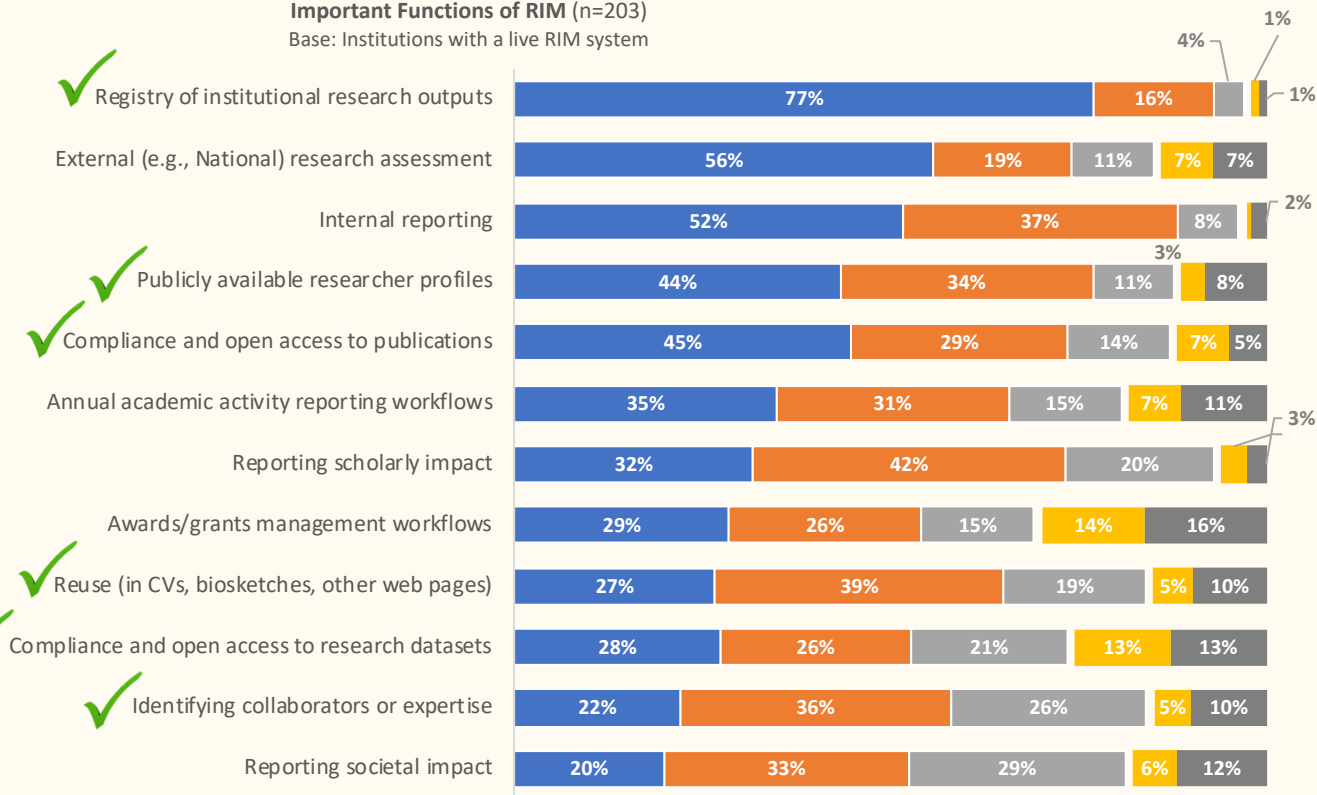
Country	# Resp.	Country	# Resp.
United Kingdom	39 (10%)	Canada	4 (1%)
United States	39 (10%)	South Africa	4 (1%)
Peru	39 (10%)	Andorra	3 (1%)
Italy	28 (7%)	Colombia	3 (1%)
Australia	24 (6%)	Finland	3 (1%)
Germany	14 (4%)	India	3 (1%)
Netherlands	10 (3%)	Japan	3 (1%)
Portugal	7 (2%)	Austria	2 (0.5%)
Poland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

RIM Functions

Important Functions of RIM (n=203)

Base: Institutions with a live RIM system



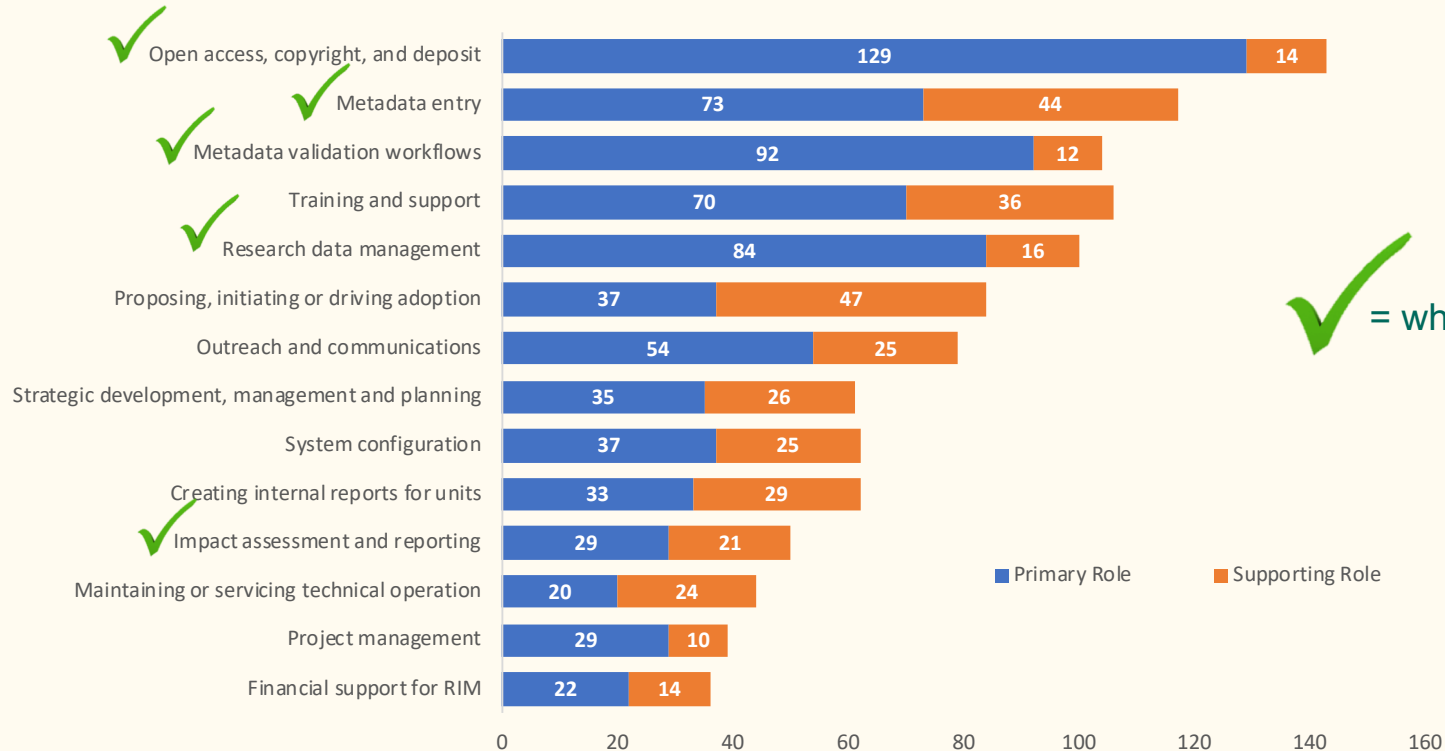
✓ = where IR plays a role

■ Extremely important
 ■ Important
 ■ Somewhat important
 ■ Not important
 ■ N/A or Not sure

Libraries support RIM activities in many ways

RIM Activities for which the Library Plays a Role (n=172)

Base: Institutions with a live RIM

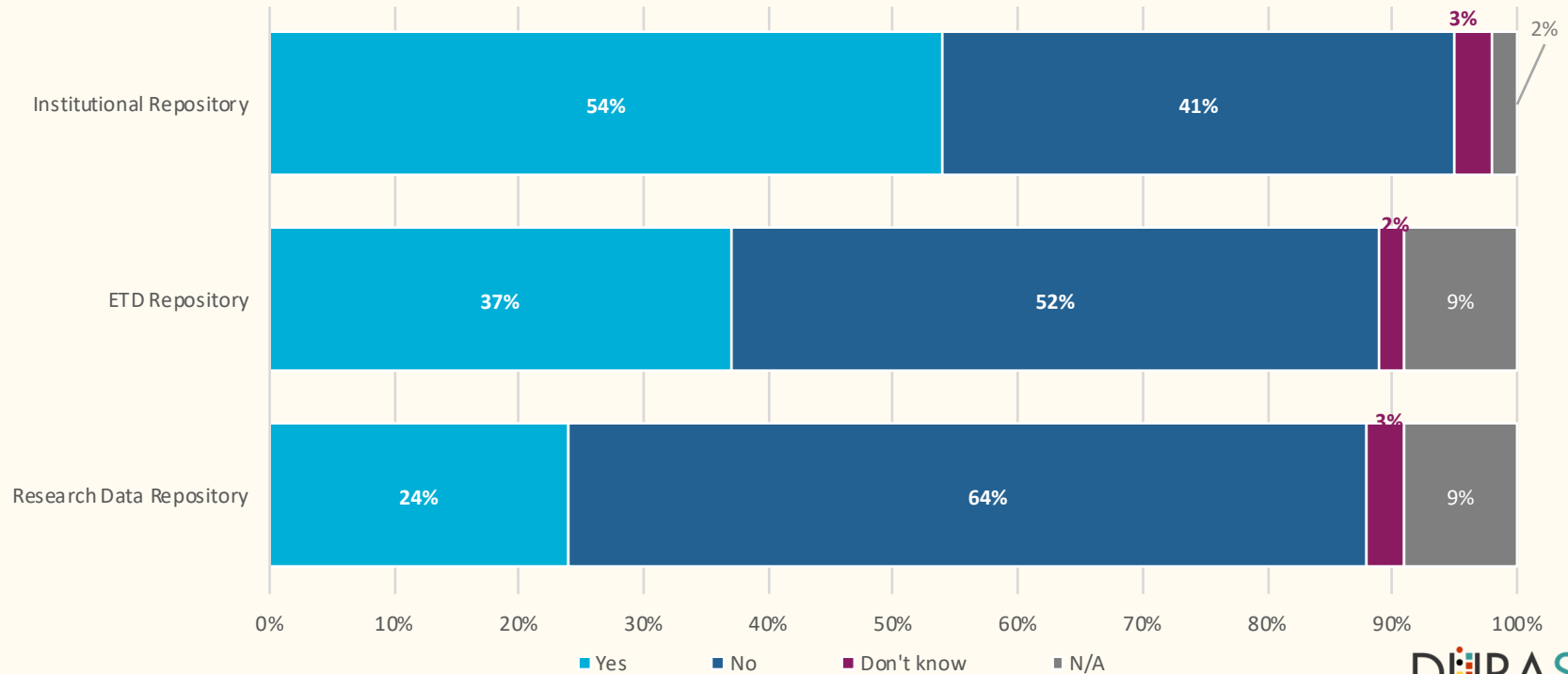


✓ = where IR plays a role

RIM as Repository

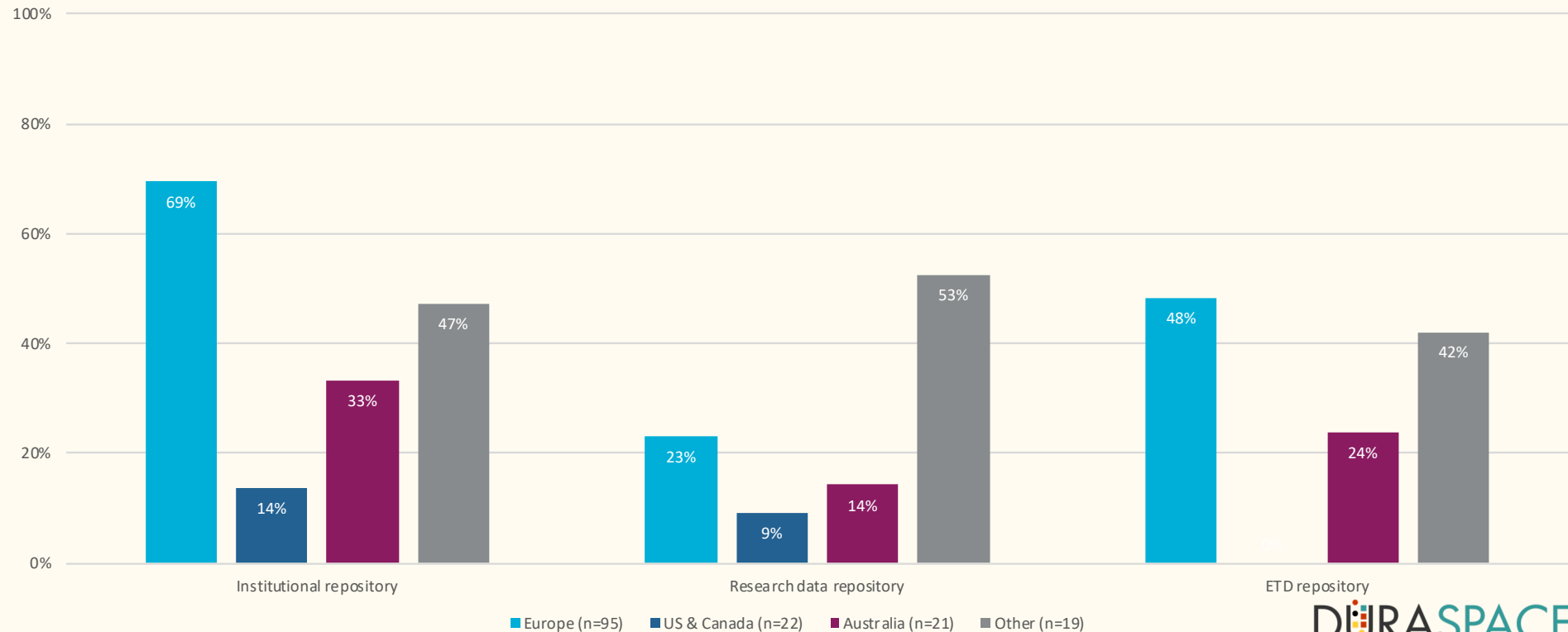
Does your RIM serve as your default...

Base: Institutions with a live RIM system



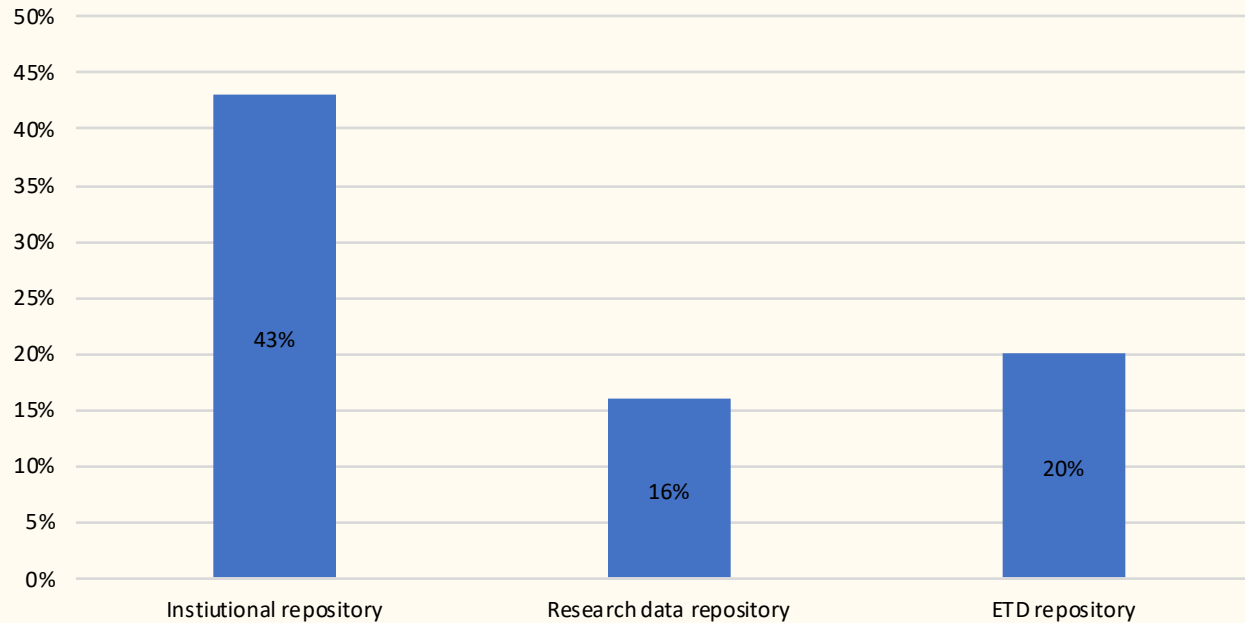
RIM as Repository by Regions

Does your RIM serve as your default...
Base: Institutions with a Live RIM system



RIM-Repository Interoperability

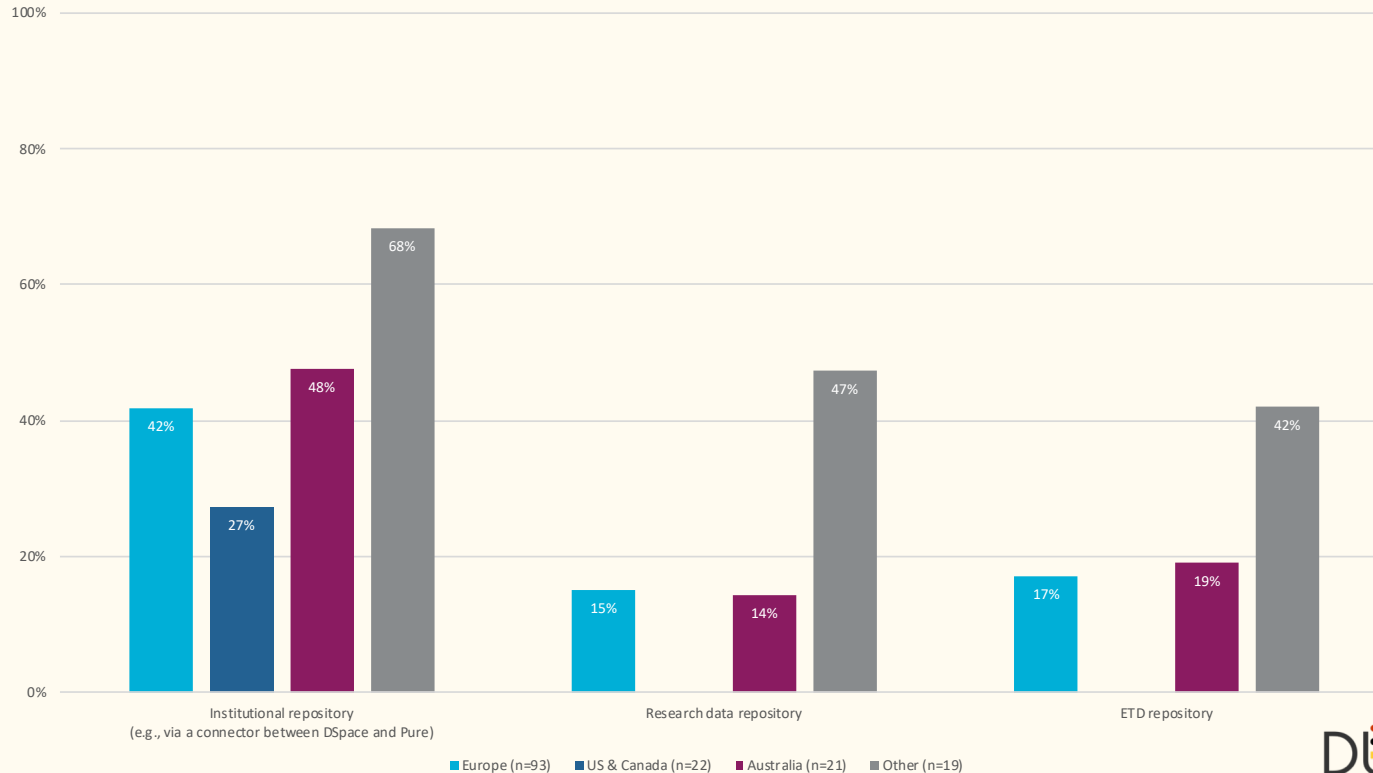
Interoperability between RIM and repository systems (n=184)
Base: Institutions with a live RIM system



RIM-Repository Interoperability by Regions

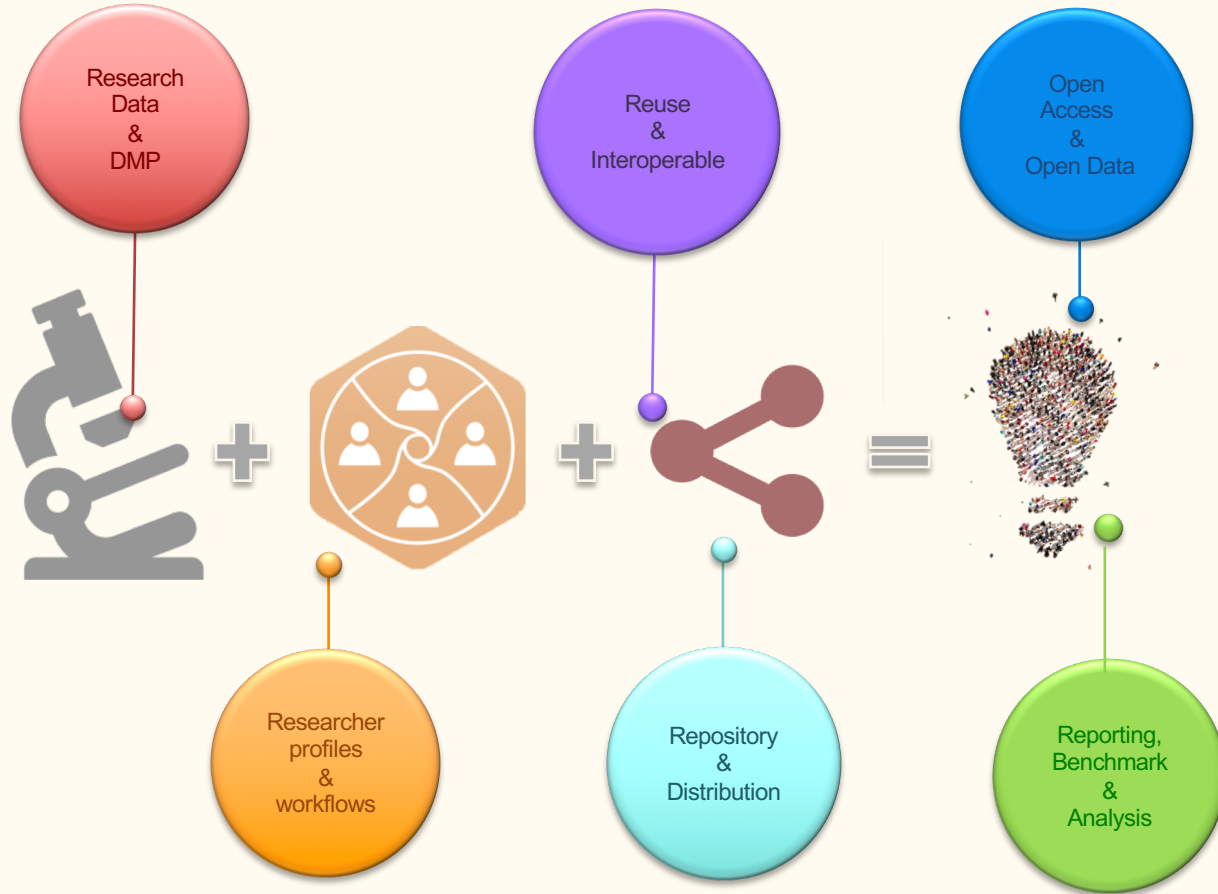
Which of the following internal systems interoperate with your RIM system(s)?

Base: Institutions with a Live RIM system

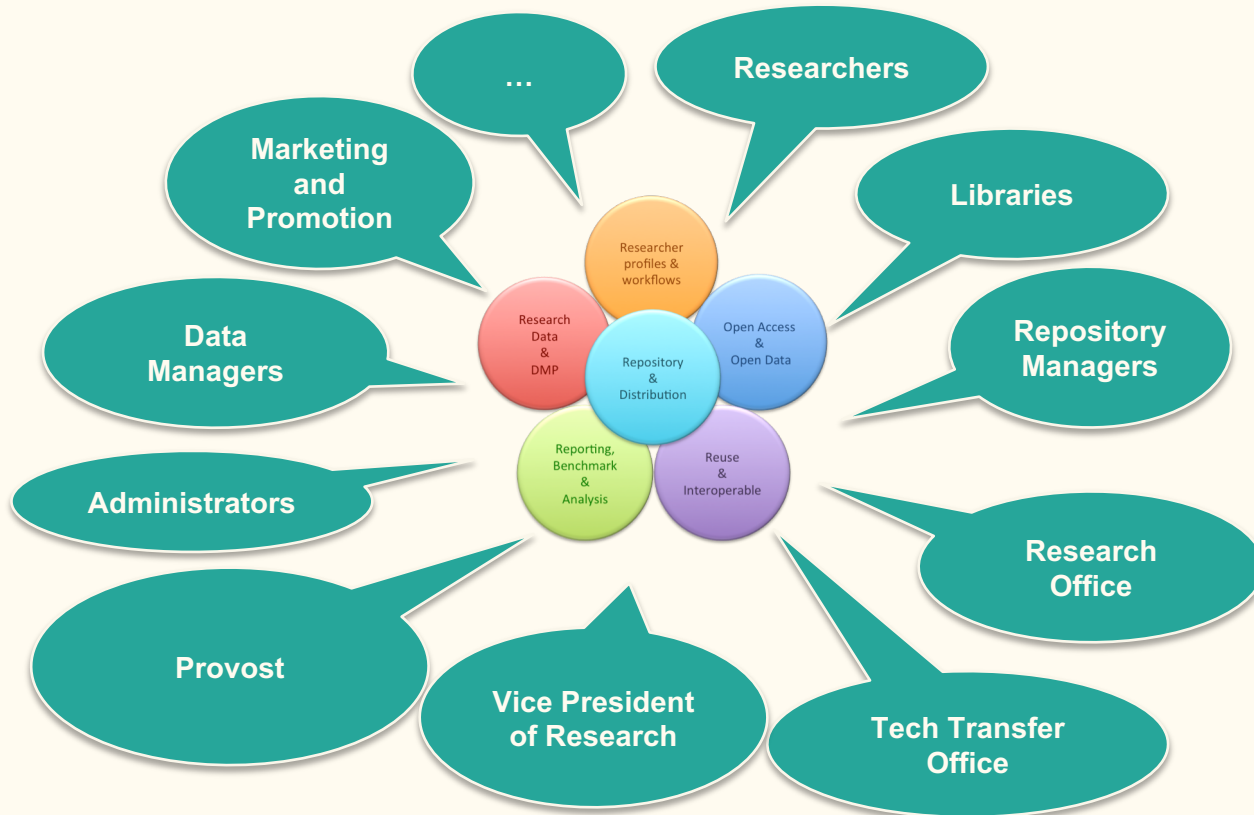


Why IR and CRIS are related

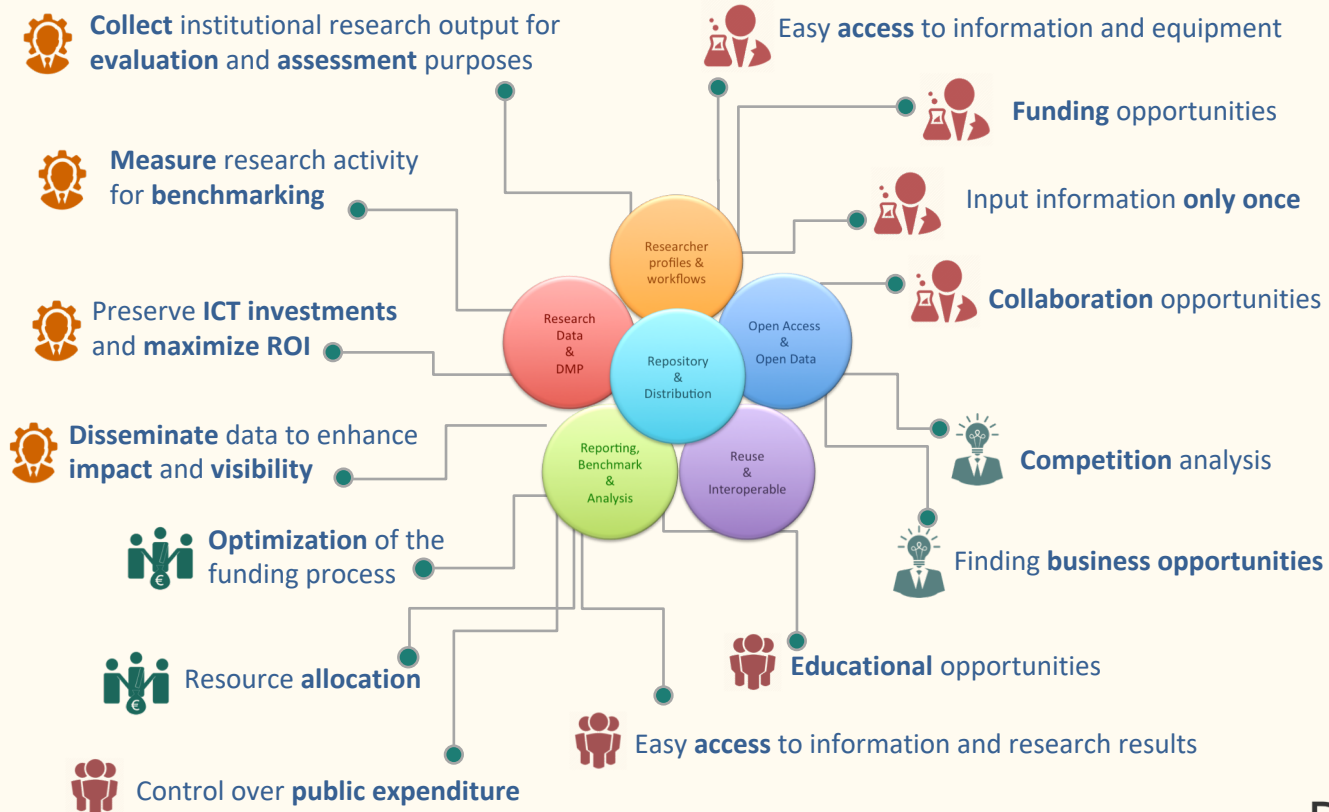
Managing Research Information



Who is involved?



Many players + many systems = an ecosystem



How to deal with the ecosystem?

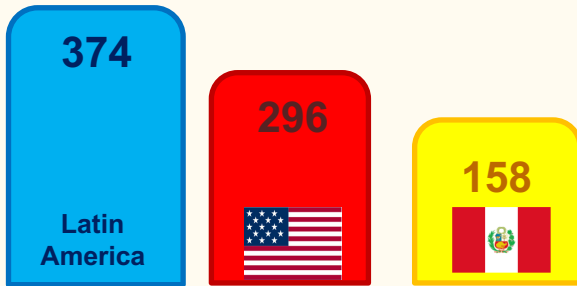
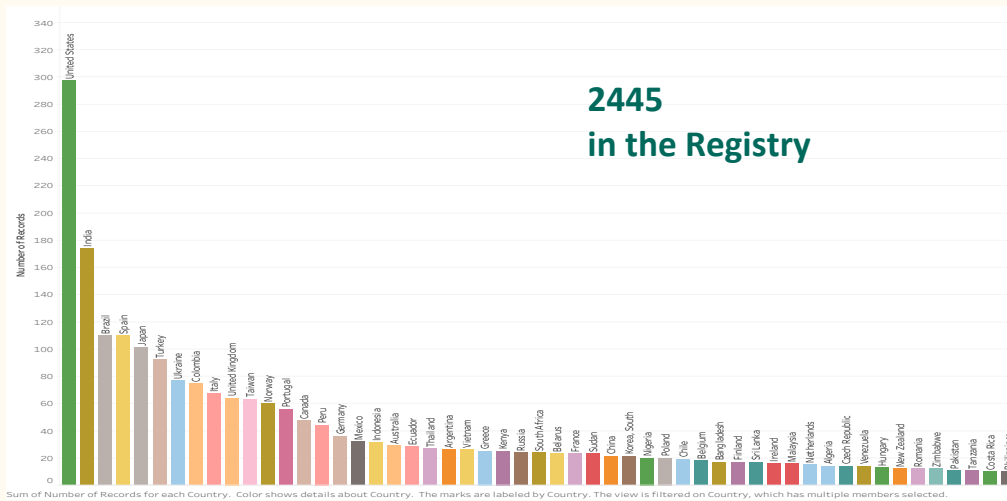


Using integrated and interoperable open technologies
Developing and adopting technological standards
Collaborating internationally and sharing best practices

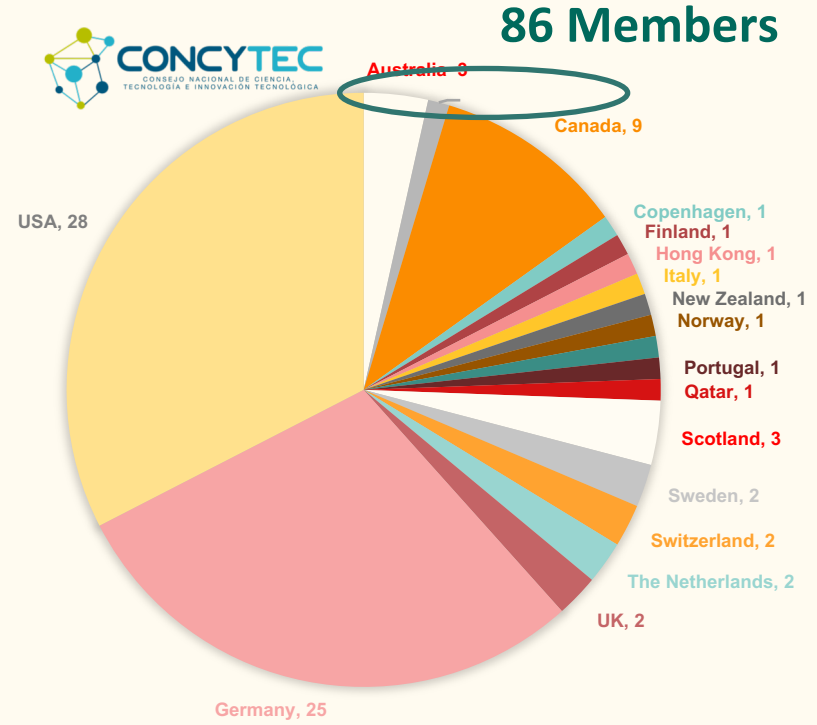
What an OS Repository can do



DSpace numbers



*Most data come from the DuraSpace Registry, not complete



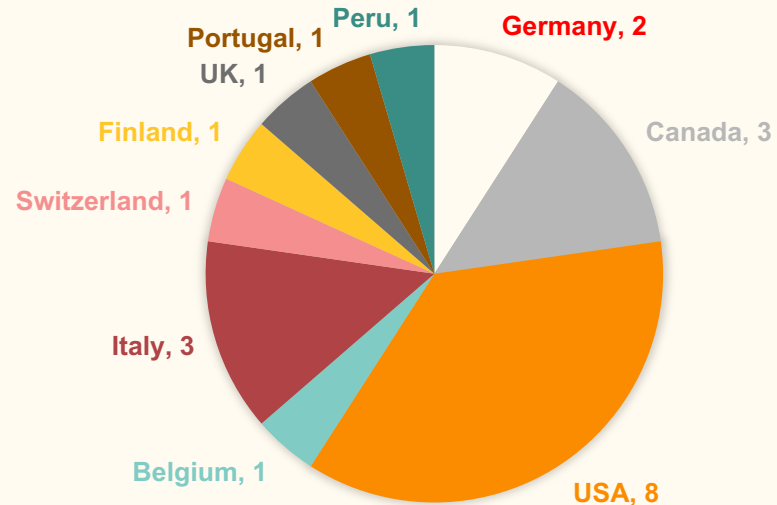
DSpace Leadership Group

The New Leadership Group (meeting once a month from August 2018)

22 Members – 10 Countries

Pascal-Nicolas Becker (The Library Code)
Allen Bell (University of British Columbia Library)
John Butler (University of Minnesota)
David Corbly (University of Oklahoma)
Lieven Droogmans (Atmire)
Federico Ferrario (Cineca)
Scott Hanrath (University of Kansas)
Barbara Hirschmann (ETH Zurich)
Jyrki Ilva (National Library of Finland)
Salwa Ismail (Georgetown University)
Inba Kehoe (University of Victoria)
Pierre Lasou (Université Laval)
Agustina Martinez (University of Cambridge)
Joao Mendes Moreira (Foundation of Science and Technology Portugal)
Susanna Mornati (4Science)
César Olivares (CONCYTEC)
Kristi Palmer (Indiana University Purdue University Indiana)
Kristi Park (Texas Digital Library)
Jordan Piščanc (University of Trieste)
Beate Rajske (Hamburg University of Technology)
Maureen Walsh (The Ohio State University Libraries)
Andrew Weaver (Washington State University Libraries)

DSPACE LEADERS - COUNTRIES



DSpace Steering Group

The New Steering Group (meeting once a month from September 2018)

9 Members – 6 Countries

Pascal-Nicolas Becker (The Library Code)

John Butler (University of Minnesota)

Lieven Droogmans (Atmire)

Federico Ferrario (Cineca)

Jyrki Ilva (National Library of Finland)

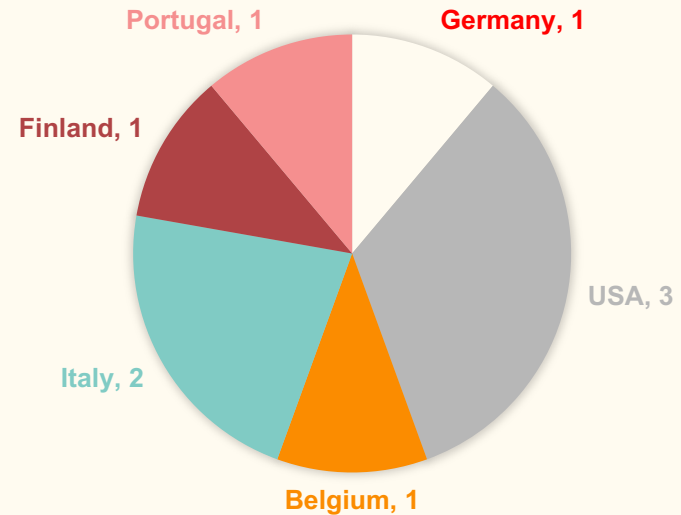
Salwa Ismail (Georgetown University)

Joao Mendes Moreira (Foundation of Science and Technology Portugal)

Susanna Mornati (4Science)

Maureen Walsh (The Ohio State University Libraries)

DSPACE STEERERS - COUNTRIES



DSpace Community Engagement (2018)

1

Brazilian User Group

- Slack channel: #dspace-pe
- UG WIKI – to be launched

2

Webinars and events:

Feb 27, 2018 - The first meeting in the new DSpace Developer Show and Tell series focused on AWS, Janitor and DSpace ([website](#); [recording](#))

March 27, 2018 - DSpace Developer Show and Tell meeting - Janitor and DSpace, DSpace Development on Codenvy ([website](#); [recording](#))

April 17, 2018 - DSpace Developer Show and Tell meeting - IDE Showcase ([website](#); [recording](#))

April 24, 2018 - “Making DSpace Your Own”, a community webinar presented by Terry Brady, Georgetown University Library ([slides](#); [recording](#))

May 15, 2018 - DSpace Developer Show and Tell meeting - Using Docker in Development ([website](#); [recording](#))

June 13, 2018 - DuraSpace and euroCRIS co-hosted event in Umeå: interoperability between DSpace repository and CRIS systems ([website](#))

June 3-7, 2018 - Workshops and sessions on DSpace 7 REST API, Angular UI development, Demo, RoadMap and more at OR2018 ([slides & recordings](#))

June 26, 2018 - DSpace Developer Show and Tell meeting - OR 2018 Recap ([website](#); [recording](#))

July 3, 2018 - DSpace User Group Meeting at The Repository Fringe Conference in Edinburgh (hosted by Atmire) ([website](#))

July 18, 2018 - DuraSpace and CONCYTEC organized the first DSpace workshop in Peru ([website](#))

3

Working groups

[DSpace 7 Working Group](#)

[DSpace 7 Entities Working Group](#)

[DSpace 7 UI Outreach Group](#)

[DSpace Community Advisory Team](#) (DCAT)

4

[DSpace Community Annual Report 2017-July 2018](#)

A Regional Webinars Series for Brazil

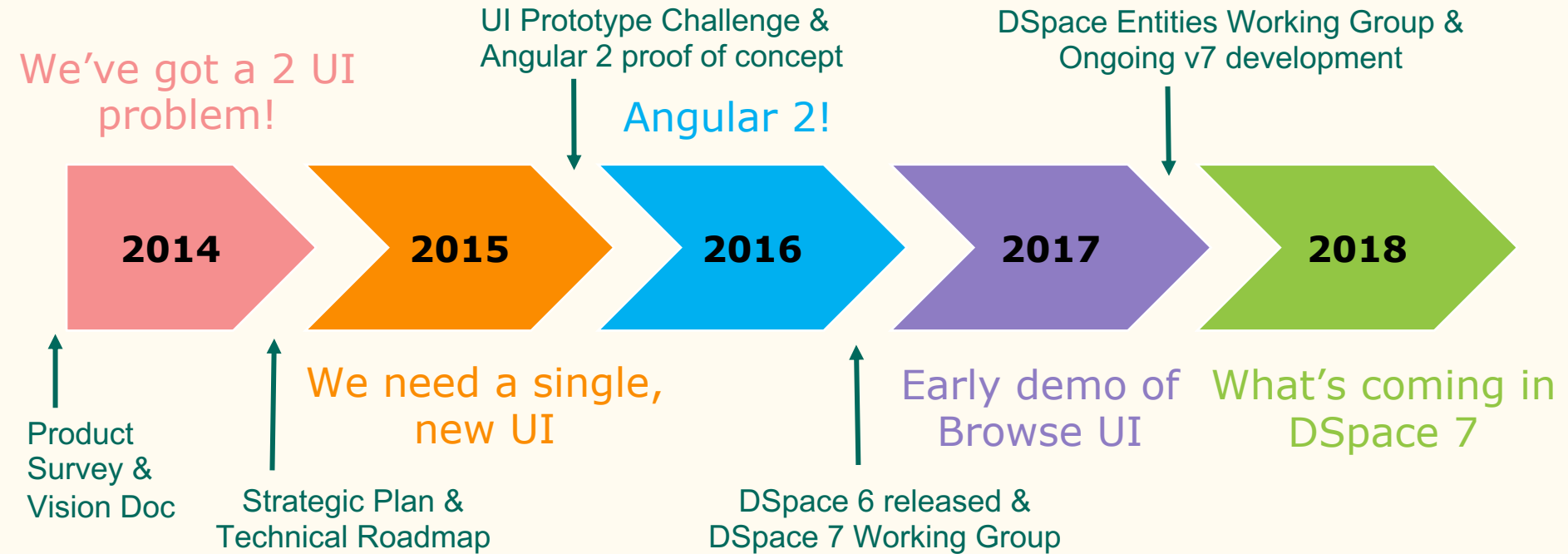
(in collaboration with the Service Provider NEKI IT):

1. October 17, 2018: National Library
2. November 14, 2018: LUME (Federal University of Rio Grande do Sul)
3. December 12, 2018: IBICT

Next...



How did we get to DSpace 7?



<https://wiki.duraspace.org/display/DSPACE/Strategic+Planning>

The Future: DSpace 7.0

- ★ Single, Angular UI (*new*)
- ★ Fully-featured REST API (*new*)
- ★ Configurable Entities (*new*)
- ★ Align w/ NGR recommendations
- ★ Existing, core Java backend

Est. Timeline: early 2019



D SPACE

Next Generation Repository Recommendations

Coming to DSpace 7

- ResourceSync (4Science & Cottage Labs)
 - Backports to 6.x and 5.x
- Signposting



<http://ngr.coar-repositories.org/>

Introducing Configurable Entities

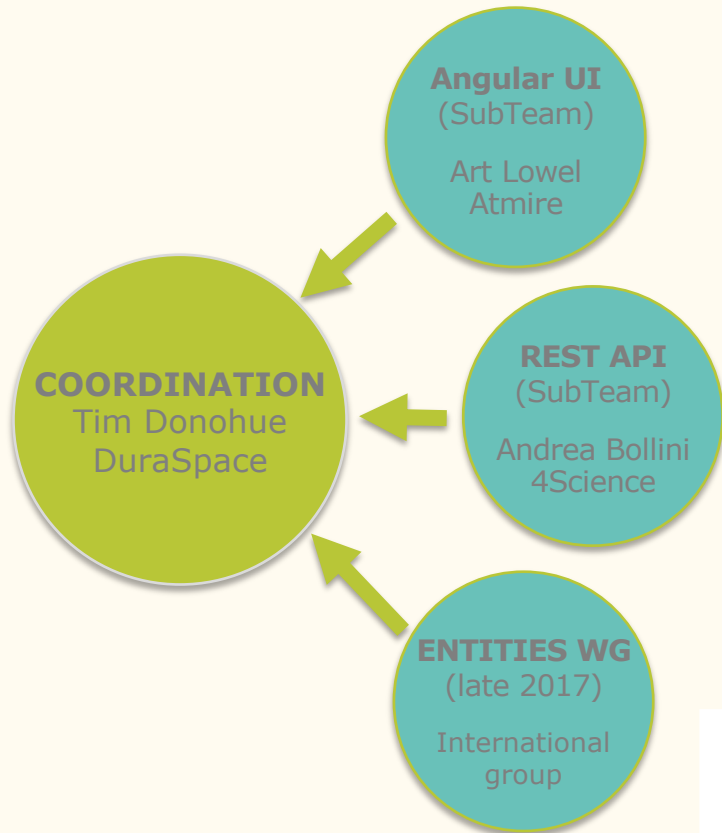
DSpace Entities WG

- Allow DSpace to support new object types & relationships
- Alignment with NGR (Identifiers)
- Alignment with OpenAIRE v4
- Inspired by DSpace-CRIS



Aligned with DSpace 7 timeline: late 2018/early 2019

How are we getting there?



GOALS

- 7.0 Beta by end of 2018
- 7.0 First Release Candidate in early 2019
- User training at OR2019 Support new object types & relationships
- Alignment with NGR (Identifiers)
- Alignment with OpenAIRE v4

DSpace 7 – Try it out!

DSpace 7 Angular UI demo

<https://dspace7-demo.atmire.com/>

(uses the REST API demo as backend)



Download & install:

<https://github.com/DSpace/dspace-angular/>

DSpace 7 – Try it out!

Video of the live demo available at
<https://youtu.be/yKnos2jTdSQ>



“One finds limits by pushing them”

- Herbert Simon

Let's keep pushing together!

DURASPACE™

Muchas Gracias!

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