

Aligning Regional Repository Networks

Kathleen Shearer, Katharina Müller

10 June 2014

Open Repositories

Helsinki, Finland



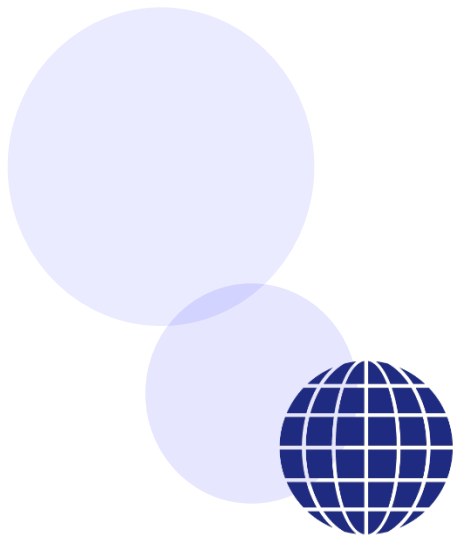
The value of repositories

... lies in the potential to interconnect them to create a network of repositories, a network that can provide unified access to research outputs and be (re-) used by machines and researchers. However, in order to achieve this potential, we need interoperability.”

(The Case for Interoperability for Open Access Repositories - COAR Briefing Paper)



Single repository → network



Network



The full potential of digital content, stored on thousands of repositories around the world can only be exploited once they are connected.



Aligning Repository Networks Meeting Rome, March 2014

- **Paul Ayris**, LIBER (United Kingdom)
- **Donatella Castelli**, OpenAIRE (Italy)
- **Carmen Gloria Labbé**, LARReferencia (Chile)
- **Norbert Lossau**, COAR (Germany)
- **Rick Luce**, SHARE (USA)
- **Natalia Manola**, OpenAIRE (Greece)
- **Katharina Mueller**, COAR
- **Brent Roe**, CARL (Canada)
- **Eloy Rodrigues**, COAR (Portugal)
- **Kathleen Shearer**, COAR (Canada)
- **Judy Stokker**, AOASG (Australia)
- **Marta Viragos**, COAR (Hungary)
- **Tyler Walters**, SHARE (USA)
- **Xiaolin Zhang**, CAS (China)



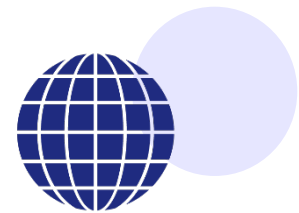
Latin America



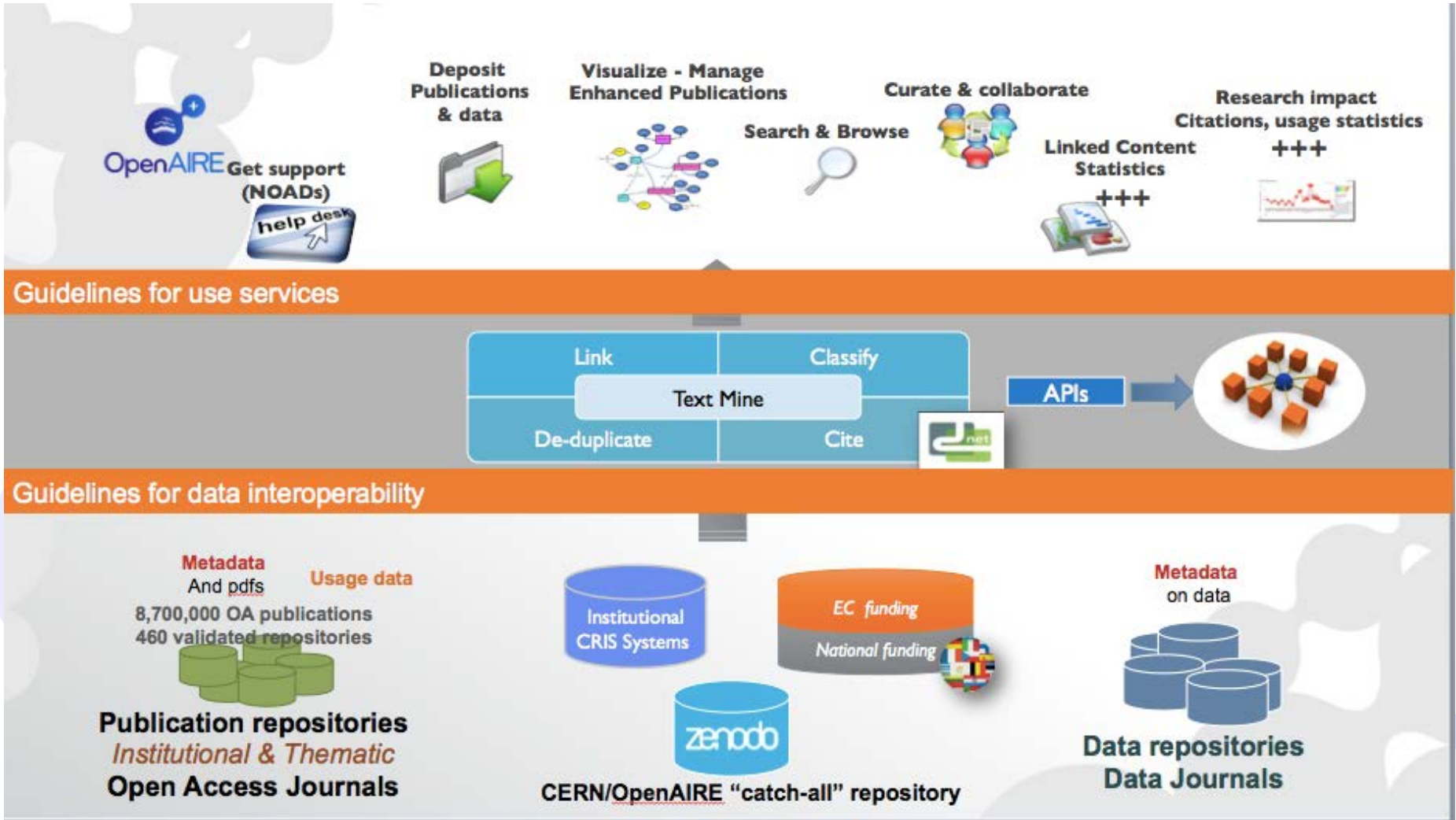
Presentación

Queremos compartir y dar visibilidad a la producción científica generada en las instituciones de educación superior y de investigación científica. Nuestro principal propósito es la creación de una estrategia consensuada y un marco de acuerdos para la construcción y mantenimiento de una Red Federada de Repositorios Institucionales de Publicaciones Científicas destinadas a almacenar, compartir, dar visibilidad y acceso abierto y equitativo a su producción científica de América Latina.

LAREFERENCIA
RED FEDERADA DE
REPOSITORIOS
INSTITUCIONALES DE
PUBLICACIONES
CIENTÍFICAS



Europe



Thanks to Donatella Castelli, CNR

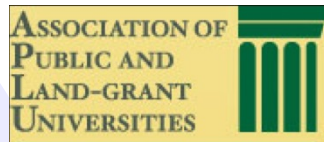
United States

SHARE: Toward a Federated Repository System for Data & Publications in the USA

(Shared Access Research Ecosystem)

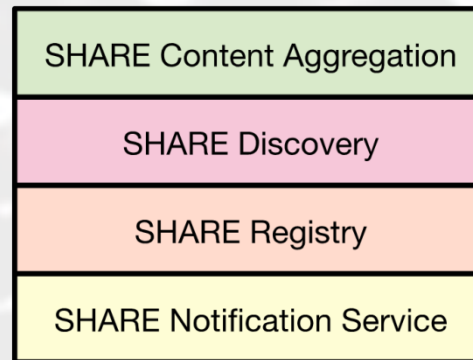


ASSOCIATION OF RESEARCH LIBRARIES®
empowering the research library community



ASSOCIATION OF AMERICAN UNIVERSITIES
An association of 62 leading research universities in the United States & Canada

Components / Layers



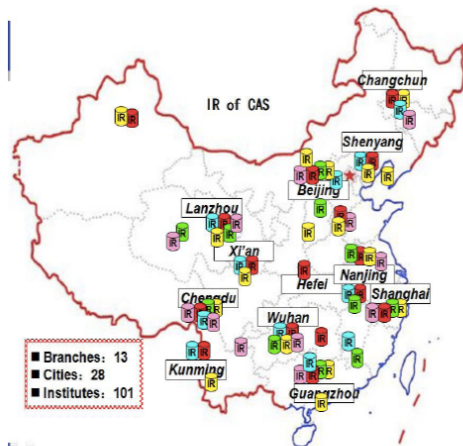
Thanks to Elliot Shore, ARL

China

2. OA Repositories in China

CAS IR Services

IRs in CAS, 2009-



- 2013-12
- 87 in service
- 23 more in development
- CAS IR Grid in service

Total: 500,000+
Fulltext: 400,000+, 75+%
OA: 310,000, 75+%

Total Visits: 40,000,000+
Total downloads: 14.0 million+
2013 Downloads: 6.9 million+

2. OA Repositories in China

Academic Libraries in the mainland China

CALIS IR Project

<http://dspace.xmu.edu.cn/dspace/> **28 universities**
<http://ir.calis.edu.cn/about.jsp> **Most universities have ETD repositories**



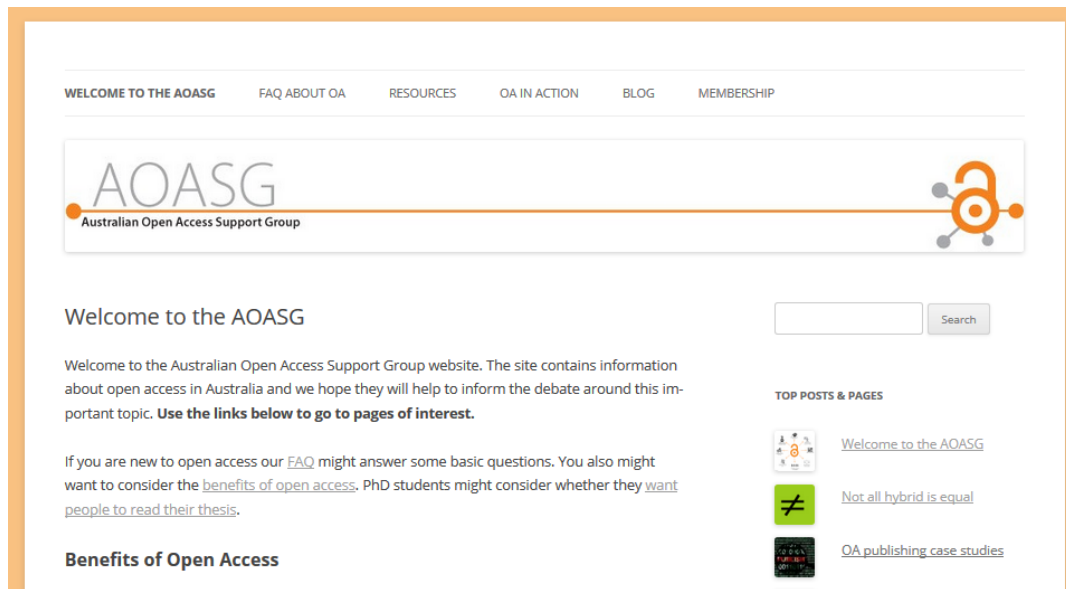
2014/3/28

1:

Thanks to Xiaolin Zhang, CAS

Australia

- Australian Open Access Support Group (AOASG)



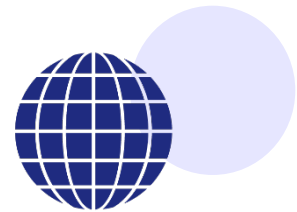
The screenshot shows the homepage of the Australian Open Access Support Group (AOASG). At the top, there is a navigation menu with links for 'WELCOME TO THE AOASG', 'FAQ ABOUT OA', 'RESOURCES', 'OA IN ACTION', 'BLOG', and 'MEMBERSHIP'. Below the menu is a header section with the 'AOASG' logo and the text 'Australian Open Access Support Group'. To the right of the header is a search bar with a 'Search' button. The main content area features a 'Welcome to the AOASG' section with a paragraph of introductory text and a search bar. Below this is a 'Benefits of Open Access' section. On the right side, there is a 'TOP POSTS & PAGES' section with three entries: 'Welcome to the AOASG', 'Not all hybrid is equal', and 'OA publishing case studies'. The website has a clean, professional layout with a white background and blue accents.

Towards a Seamless Global Research Infrastructure

Report of the Aligning Repository Networks Meeting, March 2014

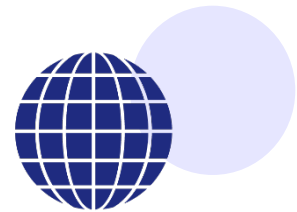
**Prepared by Kathleen Shearer
Executive Director of COAR**

April 25, 2014



Benefits of global alignment

“All efforts should be made to avoid silos, which act as barriers to the use of content.”



Challenges

“It would be impossible and undesirable to seek to align networks across all areas and elements.”



How to move forward

Achieve common understanding

⇒ *Alignment* ≠ do it the same way, allow variety,
better principles



Principles

- Openness
- Sustainability
- Interoperability
- Diversity



Identification of Priorities

- **Policies**
- Technical and semantic **Interoperability**
- **Services**



Priority area: Policies

Statement about Embargo Periods

May 14, 2014: “We endorse the policies and practices that enable Open Access – immediate, barrier free access to and reuse of scholarly articles...

Embargo periods dilute the benefits of open access policies and we believe that, if they are adopted, **they should be no more than 6 months for the life and physical sciences, 12 months for social sciences and humanities.**”



Statement about Embargo Periods

Signatories (so far)

- COAR
- EIFL
- LIBER
- *National Science Library, Chinese Academy of Sciences*
- OpenAIRE
- SPARC
- Electronic Frontier Foundation
- Research Libraries of the United Kingdom
- Coalition for Action “Copyright for Education and Research”, Germany
- Australian National University
- INRIA
- Australian Open Access Support Group



Priority area: Interoperability

- ORCID IDs
- persistent identifiers
- common vocabulary elements for embargo periods, access and re-use conditions, funder IDs
- common approaches to usage data
- protocols that enable data exchange and cross-system transfer



Priority area: Services

- research data management
- promote the role of repositories in the research evaluation system
- sustainability of global services



Next steps

- Already in discussions with ORCID, EuroCRIS and CASRAI
- Work with regional networks and other stakeholders towards adoption of priorities
- Engage and bring in more national and topical networks
- Ongoing exchange and dialogue



Towards a global research infrastructure

2030

Global Repository Network(s)

RIs...



Aligning repository networks initiative



Regional Repository Networks



2014

National Repository Networks



Repositório Científico de Acesso Aberto de Portugal

Repositories (IR, DR, ...)



OpenDOAR has over 2600 listings!

Santa Fe Convention

1999



Thanks to Norbert Lossau, UGOE

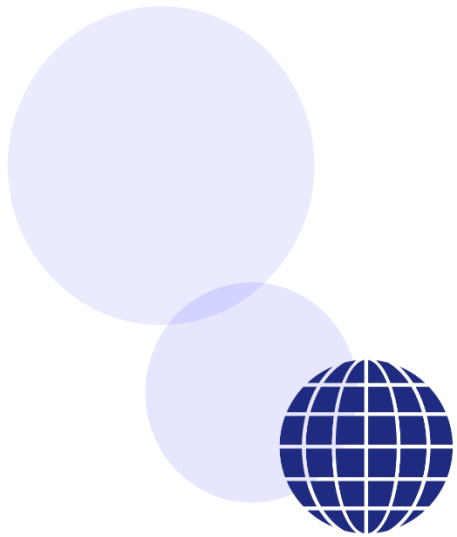
Thank you!

www.coar-repositories.org

Contact:

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office@coar-repositories.org



If you are engaged in the development of repositories and their networks, we would be delighted to welcome you as a new member of COAR!



Participants of the COAR Annual Meeting in Istanbul, Turkey, 2013

