



Regional Infrastructure for Open Access, Open Science

MISSION



To give visibility to the publicly funded scientific production in Latin America, through the cooperation and articulation of a federated network of institutional repositories, based on regional agreements and national open access strategies.





MINCYT - Ministerio de Ciencia, Tecnología e Innovación Productiva



Ibict - Instituto Brasileiro de Informação em Ciência e Tecnologia



Colciencias - Ministerio de Educación, Renata



CONICYT - Comisión Nacional de Investigación Científica y Tecnológica



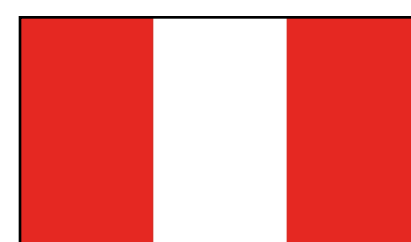
SENESCYT - Secretaría de Educación Superior, Ciencia y Tecnología



Ministerio de Educación
Viceministerio de Ciencia y Tecnología



CONACYT - Consejo Nacional de Ciencia y Tecnología



CONCYTEC - Consejo Nacional de Ciencia, Tecnología e Innovación Tecnológica

ASSOCIATES



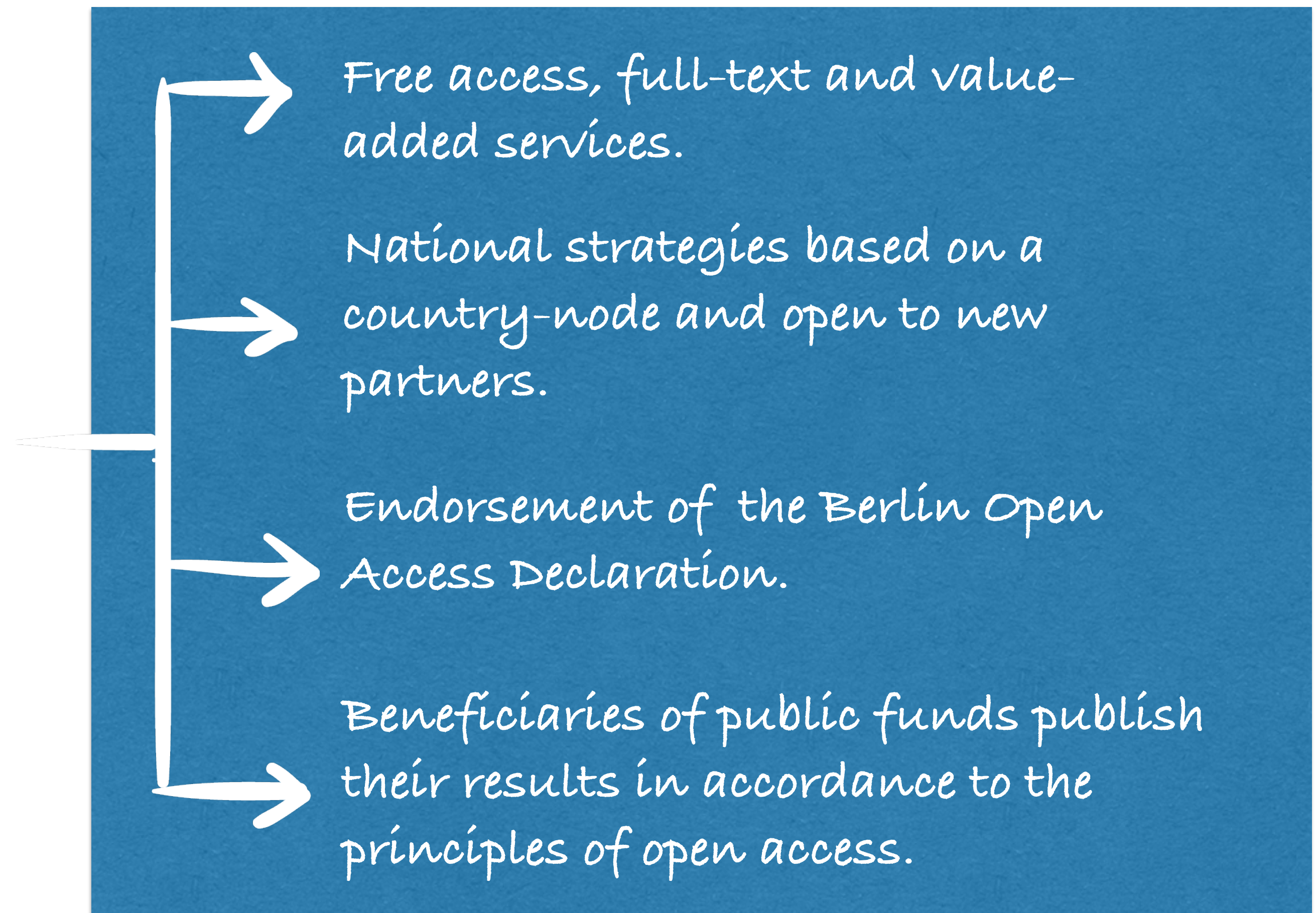
Observer Country



CONARE - Ministerio de Ciencia, Tecnología y Telecomunicaciones.

2010-2013 MILESTONES

- 📍 Project Funded by IDB / 2010 - 2013. Regional Public Good
- 📍 Consensus strategy; political and interoperability agreements; Pilot project.
- 📍 Agreement of cooperation between high authorities of Science, Technology and Innovation of Latin America, **Buenos Aires, November 29, 2012.**



SERVICES

AGREEMENTS



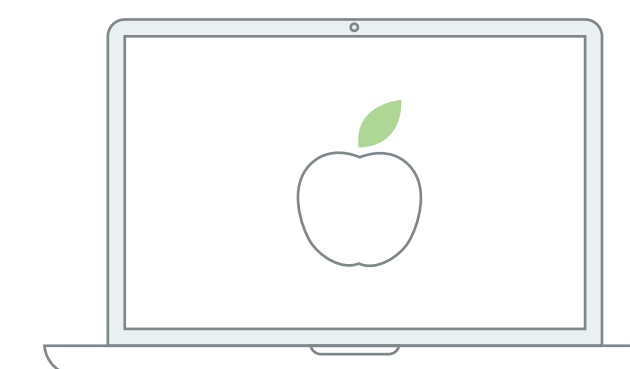
Interoperability
Regional
Alliances
Projects

GUIDELINES



OpenAIRE
LR Application Profile
Information quality
Scientific Data
(Guidelines)
Training

TECHNOLOGY



Harvesters
Transfer
Pilots
Developments
Community

2014-2016 SERVICES

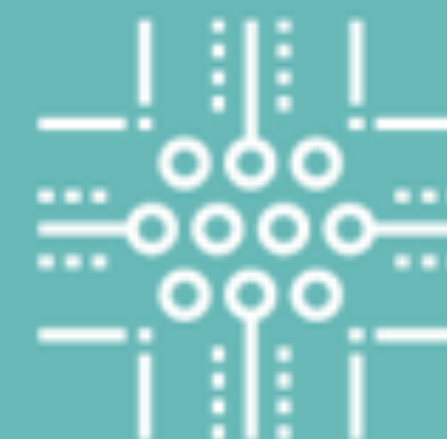
- 📍 **Sustainability** / membership fees since the end of 2013
- 📍 **Consolidation** of Board of Directors and Technical Groups
- 📍 **From pilot to service platform. From 3 countries with harvests to the entire network. From 320 thousand records to 1.43 million.**
- 📍 Quality criteria, generation of projects and definition of priorities.
- 📍 From definition of metadata guidelines to the implementation at national nodes.

9 NODOS NACIONALES	1 431 703 DOCUMENTOS	799 411 ARTÍCULOS	187 350 TESIS DE DOCTORADO
		7 107 REPORTES	437 835 TESIS DE MAESTRÍA

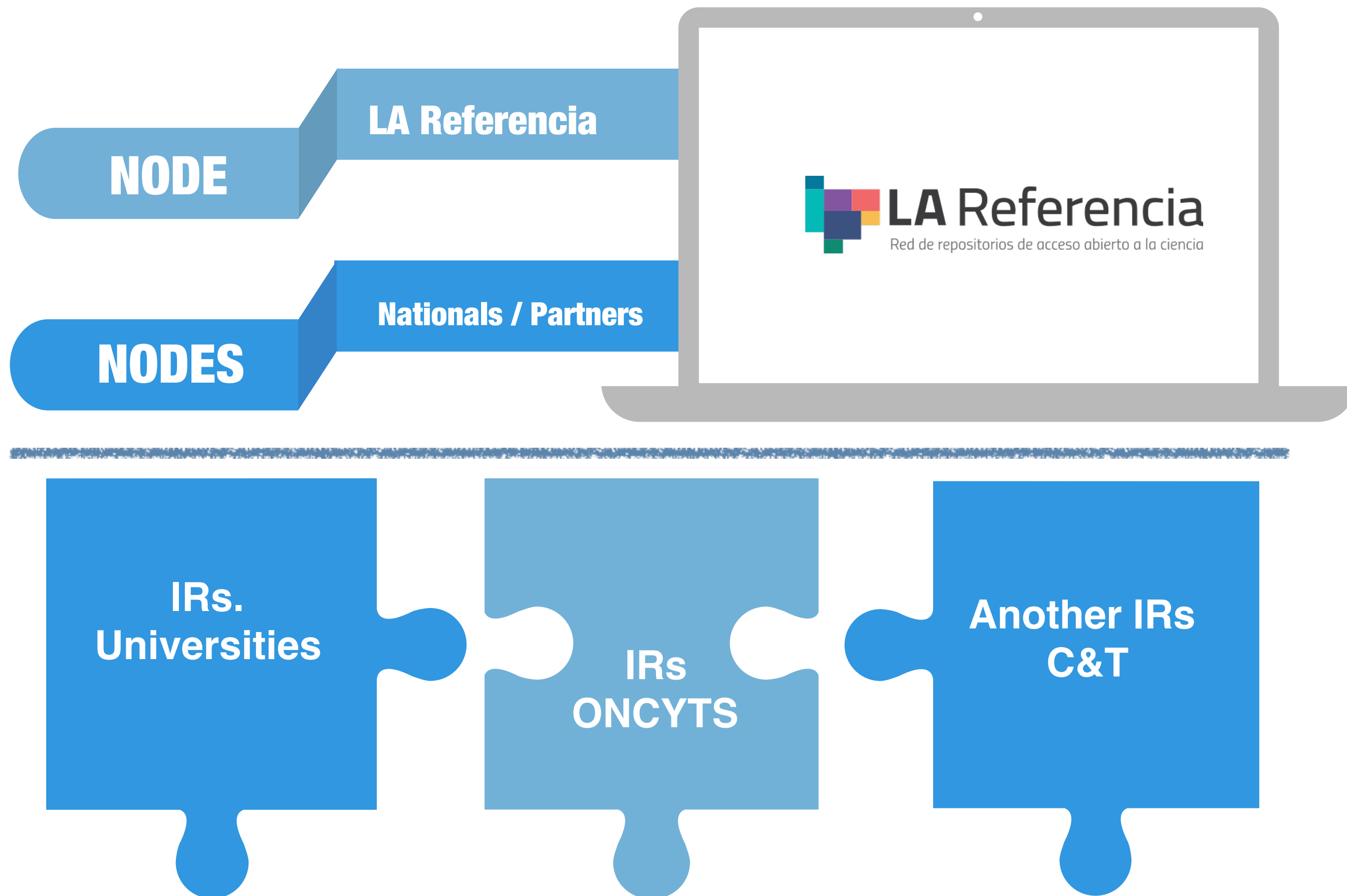
TECHNOLOGY AND GUIDELINES



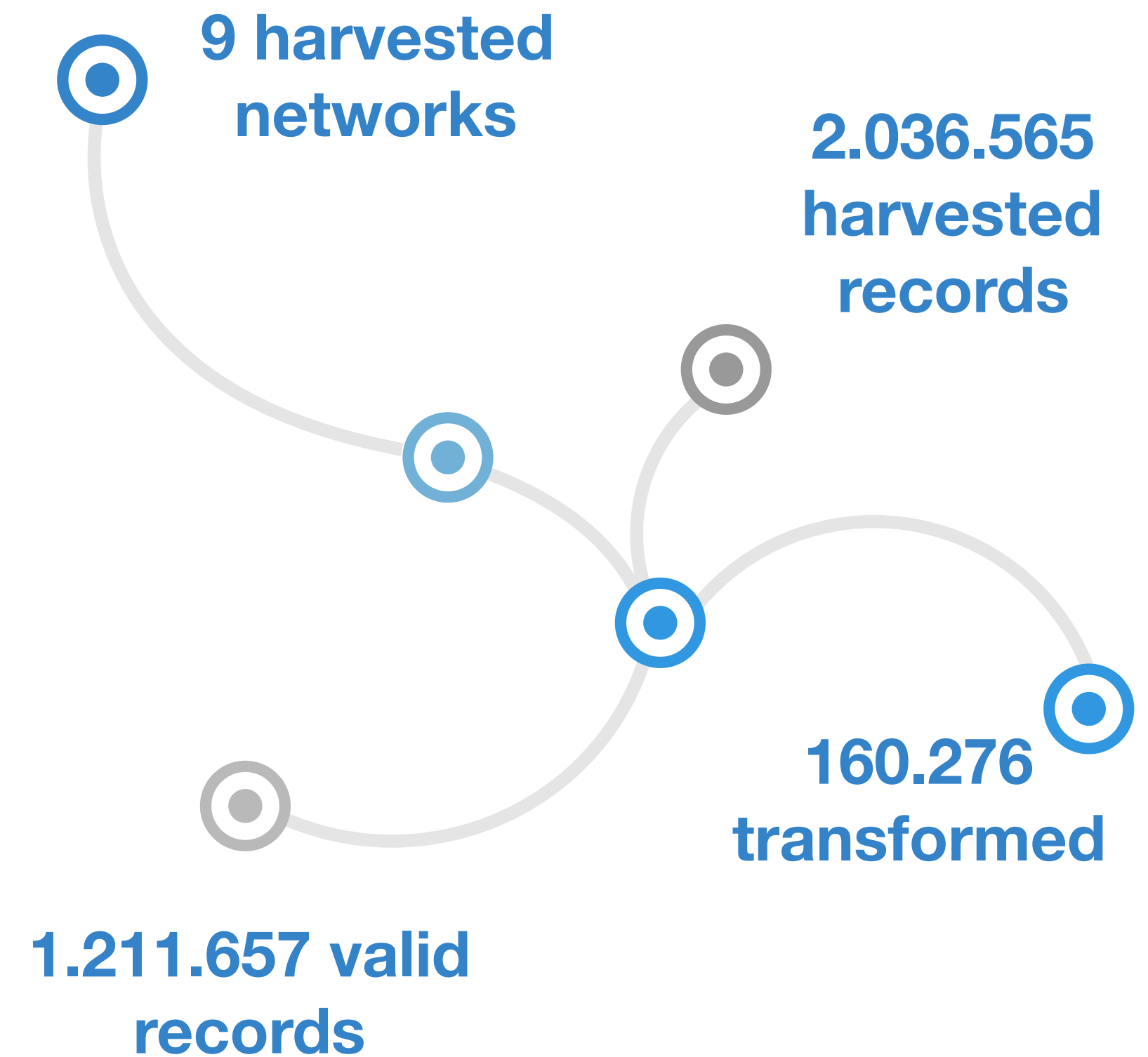
DESARROLLAMOS TECNOLOGÍA DE
COSECHADORES

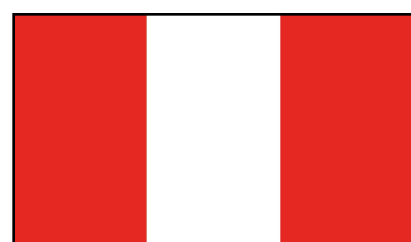


OFRECEMOS DIRECTRICES Y
RECOLECCIÓN DE METADATOS



TECHNOLOGY





In test

New 3.0 version

- In operation central Node.
- Beta successful in Brazil - Sept 2016.
- Reporting errors for IRs.
- Simplified Administration.
- LR version is the same as nodes.
- It supports current and future guidelines.
- Transfer 2017.



📍 OpenAIRE 2020. Start Project 2015 / OBJECTIVES (3)
WP: Lead by COAR

📍 "... strengthen the relationship of OA's European infrastructures with other regions of the world, in particular with Latin America and the US"

📍 "... specific pilots will be carried out with CLARA /LA Referencia in Latin America to allow a model and services similar to OpenAIRE"

📍 "Given the international and collaborative nature of research, these networks must be connected and aligned around issues such as policies, technologies and services ... "

📍 Common guidelines, technologies such as validators



LA Referencia: Implementing the OpenAIRE guidelines in Latin America

Guest Contributor | 2016-06-17 | Infrastructure services & data, policies & funders | Add Reply



The screenshot shows a COAR website article titled "Landmark agreement between OpenAIRE and LA Referencia on repository aligning". The article discusses the progress of aligning repository networks and the adoption of common guidelines. It mentions that COAR has been making great progress in terms of aligning repository networks over the last several months. The article also notes that the landmark agreement between OpenAIRE and LA Referencia to adopt common guidelines for their repository networks, beginning in 2016, is a significant step towards implementing the OpenAIRE guidelines in Latin America. The article highlights that these guidelines define standardized metadata elements and vocabularies for repositories, enabling them to expose their content in a common format. It also mentions that OpenAIRE and LA Referencia represent the two largest and most well-developed regional repository networks, representing about half of the world's open access repositories. Implementing common guidelines will ensure more seamless integration of these repositories and ultimately improve the discoverability of content and allow for the adoption of other value added services across the two networks. The article concludes by stating that it is worth noting that Latin America is one of the world's most progressive regions in terms of open access. In this context, there are three countries that have passed national open access laws (Argentina, Mexico, and Peru) and several other countries that are pursuing legislation. To demonstrate their commitment towards international interoperability, the Mexican government's science and technology agency, CONACYT (also a COAR member) has recently published a set of



June 2015 - “Metadatos y políticas de cosecha”

It establishes standards of interoperability, that must be guaranteed by the national nodes, and it is recommended its adoption by the repositories that compose the Network.

Transition to *OpenAIRE*

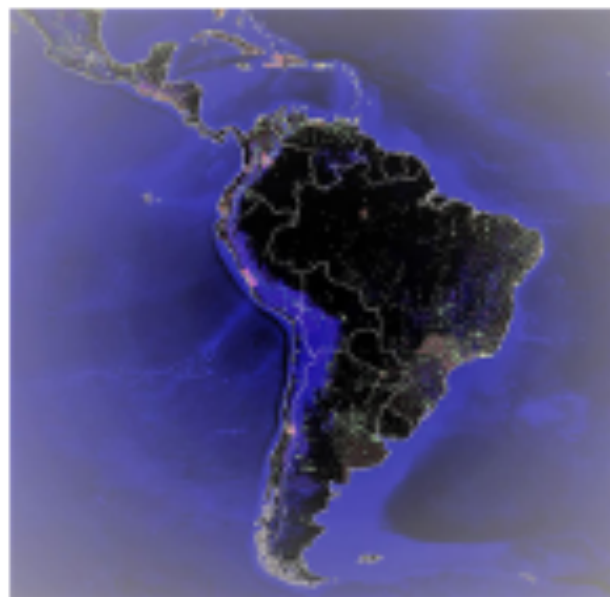
COMMON GUIDELINES



November 2015 - *Definition of the Road Map by the Board of Directors.*

Agreement: *LA Referencia and OpenAIRE* will adopt common metadata practices based on current OpenAIRE guidelines and the vocabularies that are being established in the context of COAR for repository networks and will develop these guidelines in collaboration.

EU and Latin America working together towards a common Open Access implementation



OA repositories are connected through regional and thematic networks. Two of the largest regional networks are *OpenAIRE in Europe* and *LA Referencia in Latin America*. Given the truly international and collaborative nature of research, *these networks must also be connected and aligned around issues such as policy, technologies and services*.

LA Referencia and OpenAIRE are collaborating to expand the adoption of guidelines developed through OpenAIRE in Latin America in order to demonstrate of the value of repository interoperability.

Find out what OpenAIRE is about ...

RESEARCHERS

Why Open Access. How to comply. What services to use.

DATA PROVIDERS

How to make your content more visible. What to do to increase quality. How to join.

RESEARCH ADMINS

How to monitor research results. What services to use for your needs.






FUNDERS

Why align policies and practices. How to monitor and analyze results.

LESSONS

- 📍 Metadata interoperability will require commitments at various levels (national and institutional)
- 📍 Clear and common policy directions can help to facilitate the adoption
- 📍 Technology is an enabler that can facilitate adoption
- 📍 **Interoperable and "agnostic" regional standard for *Project ID and Author ID* in 2017. Key for ONCYTs mission, public goods and value-added services.**
- 📍 The use of a validator (or validators) is a key element
- 📍 The region has asymmetries
- 📍 A communication strategy will help raise awareness

FUTURE CHALLENGES

-  Common statistics (and new metrics)
-  Transition from V. 3.0 to 4.0
-  Notification services
-  Identification results and funders.
-  ¿Harvester for open data?.

Date: 2017/01/17



LAReferencia – Red Federada de Repositorios
Institucionales de Publicaciones Científicas Latinoamericanas
PUBLICATION REPOSITORY AGGREGATOR

1.259.383 Open Access publications

- 267 EC (H2020/FP7) funded projects outputs identified
- 246 NSF (US) funded projects outputs identified
- 107 FCT (Portugal) funded projects outputs identified
- 56 Wellcome Trust funded projects outputs identified

<http://www.lareferencia.info>





<https://www.openaire.eu/search/dataprovider?datasourceId=opendoar> ::dc6e224a8d74ce03bf301152d6e33e97


- 📍 Different organizations are encouraging this transition, with a vision of PUBLIC GOODS
- 📍 It is a means, not an end
- 📍 It includes more than publications and scientific or primary data, but this aspect is currently the central focus. For LA Referencia this is a challenge we are willing to participate.
- 📍 San Luis de Potosí / September 2016. **Open Science: recommendation in 2017 on guidelines for Data Repositories**



Making Open Science a Reality. OECD, 15 Oct 2015

<https://www.innovationpolicyplatform.org/content/open-science>

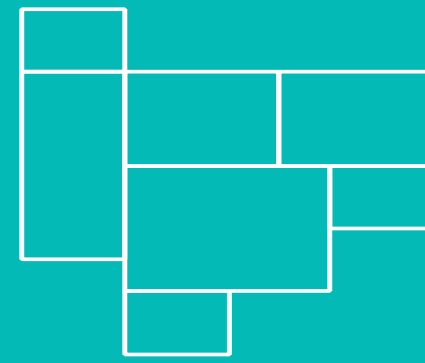
-  National Legislation / Perú and Argentina (2013) - México (2014).
-  National System of Open Access to Knowledge (SNAAC – Colombia, 2016)
-  Data Policy in Chile (CONICYT, 2015)
-  Manifiesto de Acceso Aberto a Datos da Pesquisa Brasileira para Ciência Cidadã. (IBICT, 2016)

-  In Latin America, R&D is financed with **public funds**. The data must be in **Open Access**.

- 📍 There is an open access model started more than 15 years ago.
- 📍 **Interoperability is the key demand and it is imperative to move forward on proposals that avoid duplication of efforts under limited budgets.**
- 📍 Infrastructure development, public role, internationalization and capacity building.

CONCLUSIONS

- 📍 Economies of scope and scale have been generated in the region.
- 📍 We must keep focused on generating regional capacities.
- 📍 We are global actors and not just spectators.
- 📍 The platforms are technical and also of people and institutions with common visions.
- 📍 We have worked with LA Referencia to develop public good for the region.



www.lareferencia.info

- Patricia Muñoz, President
- Alberto Cabezas, Executive Secretary