



**Research Data Alliance (RDA) roundtable during the
Science Summit at the United Nations General Assembly**

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<https://www.lareferencia.info/>



THE FEDERATED NETWORK OF LATIN AMERICAN OPEN SCIENCE REPOSITORIES

Open Science Repository Network formed by an association of government authorities of Science, Technology and Innovation, founded on 2012 through the signing of a Cooperation Agreement, as a result of the project financed by the IDB (2010-2013).





**LA Referencia provides
some essential elements
for the development of
Open Science
ecosystems:**

**A forum of political and technical discussion
integrated by the governments of Latin American
and external partner countries:** La Referencia is founded
on a series of political agreements signed by the high authorities of
science, technology, and education of the member governments.

**Visibility of regional scientific production at a global
level:** The regional node acts as a regional aggregator building
value-added services on the collection and interoperating with other
regional and global networks, always directing access to the original
sources of content, the repositories.



An open software platform for the aggregation, quality control, enrichment, and interoperability of scientifically produced metadata

Open source platform for the aggregation, quality control, enrichment, and interoperability of scientific production: which is the result of more than 9 years of collaborative development. It's installed on each node of the network and is increasingly being adopted outside of Latin America (Spain, Portugal, Africa).

Currently we are working to address the growing need for integration with research management systems (CRIS) and the possibility of producing indicators that serve decision-making and research assessment.

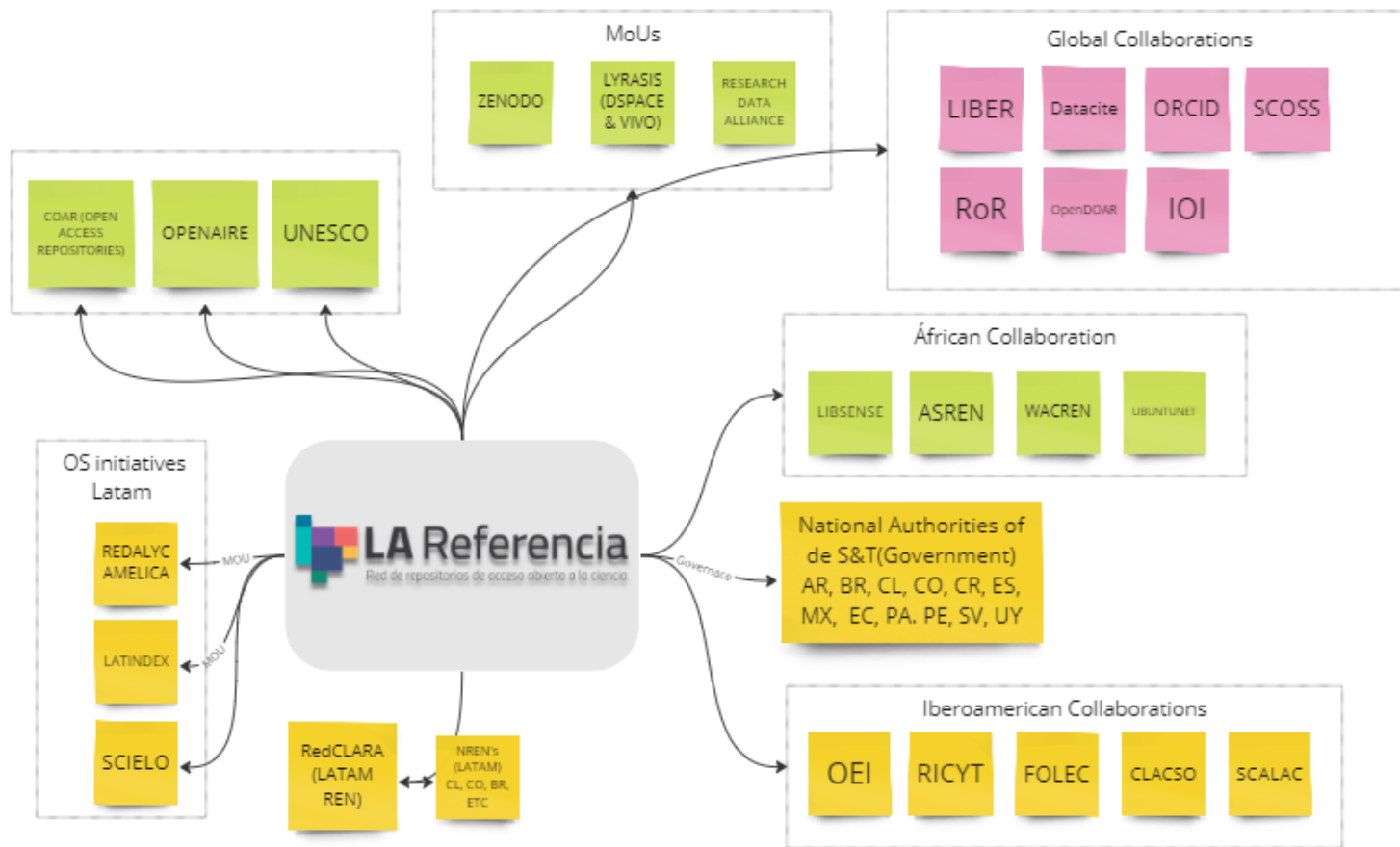
Sustainability

LA Referencia's operations have been financed exclusively with the **annual contributions of the member countries**, with occasional grant funding for innovation or the development of new functionalities.

This budget supports the **development and ongoing maintenance of the aggregation software** in the central node and the country nodes.

To move forward with the **expansion of services, technological updating and consolidate a platform** for the implementation of Open Science public policies additional/external funding is needed.

Collaborations





LA Referencia – RDA Alliance

- Signing of MOU between RDA Americas and LA Referencia
- Research Data Management Training
- Strategic alliances between RDA and LA Referencia nodes



Latin American Open Science Ecosystem

Collaboration agreements
and interoperability



Objectives:

- Establish collaboration ties around the Open Science ecosystem
- Improve interoperability between journal systems and the repository network
- Ensure that repositories contain the scientific production published in journal systems

UNESCO RECOMENDATIONS

LA Referencia (its member countries) is working in collaboration with UNESCO through the regional office to offer a methodology for diagnosing and monitoring UNESCO recommendations.

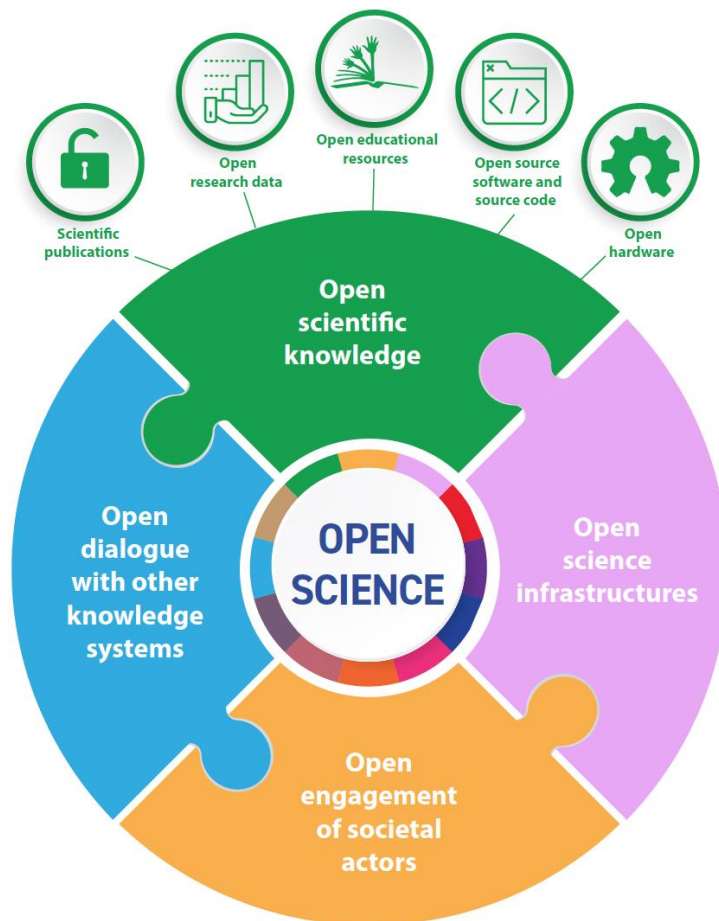


Tabla A.1. Políticas e infraestructuras de acceso abierto e instituciones de gobernanza de la CTI en LAC

País	Dispone de:						Institución responsable de la:			
	Política nacional de acceso abierto	Marco legal sobre acceso abierto	Políticas institucionales de acceso abierto	Agregador nacional de repositorios	Agregador nacional de revistas	Sistemas de gestión curricular	Gobernanza	Financiación	Evaluación	Política o fomento del acceso abierto
Argentina	✓	✓	✓	✓	✗	✓	MINCyT	MINCyT, Agencia I+D+i, CONICET	MINCyT, Agencia I+D+i, CONICET	MINCyT
Brasil	✗	✗	✓	✓	✗	✓	MCTI	MCTI, Finep, CNPq, CAPES, FAPs	CAPES	JBICT
Chile	✓	✓	✓	✗	✓	✓	MinCiencia	ANID	CNA + ANID	ANID
Colombia	✓	✓	✓	✓	✓	✓	MINCIENCIAS	MINCIENCIAS GOB. TERRITORIALES	MINCIENCIAS	MINCIENCIAS
Costa Rica	✗	✗	✓	✓	✗	✗	MICITT	MICITT, CONARE, Universidades	MICITT	
Ecuador	✗	✗	✗	✓	✗	✓	SENESCYT	SENESCYT	SENESCYT + CACES	SENESCYT
El Salvador	✗	✗	✓	✓	✗	✓	CONACyT	CONACyT, Universidades	CONACyT	CONACyT
México	✓	✓	✓	✓	✓	✓	CONACyT	CONACyT	CONACyT	CONACyT
Panamá	✗	✗	✓	✓	✗	✓	SENACyT	SENACyT	SENACyT	SENACyT
Perú	✓	✓	✓	✓	✓	✓	CONCYTEC	CONCYTEC	CONCYTEC	CONCYTEC
Uruguay	✗	✗	✓	✓	✗	✓	MEC	ANII	ANII	ANII + UdelaR



Políticas de Acceso Abierto en América Latina, el Caribe y la Unión Europea

Avances para un diálogo político

REGIONAL CHALLENGES

- Create national legal frameworks on open science in all countries
- Obtain national, regional and international funding to support open science activities
- Build a common infrastructure for large data storage and interoperability since Latin America does not have common funding sources
- Create a stronger national infrastructures with proper technical human resources
- Increase metadata quality and interoperability, implement OpenAIRE 4 Guidelines
- Consolidate a collaborative software development network. Asymmetry requires setting priorities and working at a regional and international level
- Recover Latin America's research data deposited in national and foreign infrastructures
- Research Data: training researchers/data specialists and building data repositories

LA Referencia is Open Access
LA Referencia is Open Science
LA Referencia is Open to collaboration

¡GRACIAS!

**“Our strength is the
acknowledgement and respect of
the differences as a foundation of
international collaboration”**