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

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https://www.lareferencia.info/
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.
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.
LA Referencia – RDA Alliance

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

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.
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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”