

OPEN SCIENCE FAIR

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The Costa Rican National Open Science Outreach Initiative: what we learned and achieved in a decade



COSTA RICA

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Keywords

Academic visibility; institutional strategies, public universities, Open Science in Latin America.

Audience

Policy makers and funders, repository managers, research Infrastructures and research communities.

Conference Themes

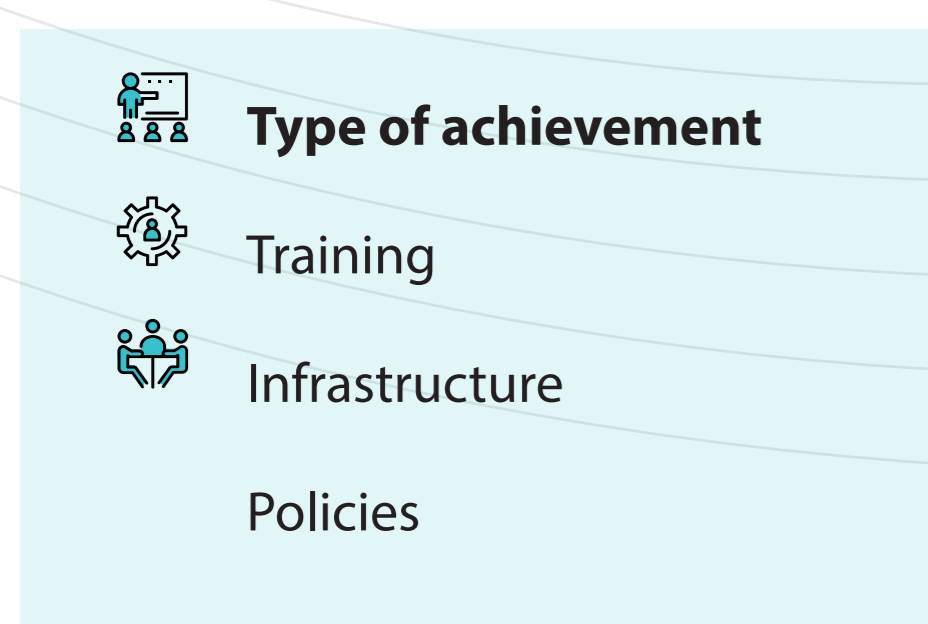
Innovation & disruption in scholarly publishing - Diamond Open Access; regional initiatives, projects and plans

Abstract

The National Open Science Outreach Initiative of the Consejo Nacional de Rectores (CONARE, for its acronym in Spanish) was created in 2012 as an Open Knowledge Subcommittee for training, regulation and development of Open Science tools promoted through public funds. The initiative also considers the participation of other governmental and private institutions throughout Latin America. The initiative includes the objective of measuring and improving the country's knowledge, focusing on Open Science.

Open Knowledge Subcommittee defines common objectives and sets them on initiatives, policies, strategies and technological infrastructures to promote Open Science. An investigation of the international context is followed by an assessment of the state of the regional, national and local issues. Subsequently, experts and international organizations provide internal training. Finally, implementation proposals are developed: visualization of need and importance, training and tools, guidelines and technical policies.

Below are the main achievements:



Repositories

- Consolidation of Institutional repositories in public universities.
- Collaboration between national teams.
- Training of authors and editorial managers.
- Kimuk-National Repository integrated international services.
- Active participation in the team in decision-making spaces such as LA Referencia, COAR and RDA.

Scientific journals

- 100% of de journals Included in scientific journal indices to foster ongoing advancement.
- Free, accessible and continuous training and education considering new generations, international trends and of internal needs.
- Institutional support for editorial teams and promote prevalence of diamond journals.
- National assessment using own indicators.
- Installation and maintenance of infrastructure for web dissemination (OJS) in public universities.
- 70% -100% digitization of old content.

Open Science Infrastructure and Tech Tools

- Capacity building
- Development of institutional policy.
- Implementation of Infrastructure.
- Training for data of authors and editorial managers.
- Training for research data management.

Collaboration

- International
 - LA Referencia:
 - DSpace documents translation.
 - Software development pilot testing.
 - Participation in policy development.
 - OpenAIRE:
 - Guidelines translation.
 - Research Data Alliance (RDA):
 - Documents translation.
 - Host of training and capacity-building activities.
 - COAR
 - Host of training and capacity-building activities.
 - CSUCA
 - Universities
- National
 - MICITT and Government institutions
 - Private universities
 - Open Science Declaration/Manifesto

Learning

Continuous training is essential. Tailor content to specialized audiences.

Creating policies may be a gradual process, but is crucial. Identify key stakeholders and shared interests.

Systematize results effectively for better understanding.

When launching a service with minimal infrastructure, it is essential to have well-defined objectives and to plan for growth.

OPEN SCIENCE STRATEGY



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