

Open Access in Argentina

National policies, international alignment

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**Presidencia
de la Nación**

Ministerio de
Ciencia, Tecnología
e Innovación Productiva



Secretaría de Articulación
Científico Tecnológica

Science Institutions of Argentina

- 50 NATIONAL UNIVERSITIES
- 60 PRIVATE UNIVERSITIES
- 11 R+D National Institutions + CONICET (National Council of Research)
- NGOs + other civil foundations of Research

102.000 researchers and technologists.
(Ratio: 3 researchers per 1000 of the EAP
Economically Active Population)



Starting diagnosis (2009) of publications and primary research data

- Partial or total ignorance of Institutions of what their own researchers are publishing.
 - Dispersion of scientific data across the country.
 - Lack of free access to what is published and its support on primary data.
 - Absence of common criteria for data management in the scientific and academic community.
- The need for a national vision on access to research outputs.

Main steps towards OA

2009: Creation of Biological Data National System and Portal (SNDB)



2010: Creation of Sea Data National System (SNDM)



Partnership of LA Repository network (LA Referencia)

Membership of COAR



Bill of Open Science presented to the National Congress

2011: Creation of Digital Repositories National System (SNRD)



2012: Launch of LA Referencia in Buenos Aires with 9 countries



2013: National Congress approved the Law 26.899

Launch of SNRD's Portal with D-NET support



2014: Creation of Genomical Data National System (SNDG)

Working on Regulation of the Law

2015: Working on interoperability of disciplinary data portals, repositories & databases...



Guiding principles of OA policy

Equity of
Access to
community &
society



The screenshot shows the SNRD website interface. At the top, there are logos for the Ministerio de Ciencia, Tecnología e Innovación Productiva and the Secretaría de Articulación Científico Tecnológica. The main navigation bar includes 'Home | Search | Browse |' and 'Repositorios'. A search bar is present with the text 'Search for more than 40,000 documents in 9 repositories from 1 countries'. Below the search bar, there are two main sections: 'Main Portal of Science and Technology Electronic Library' featuring the 'BIBLIOTECA ELECTRÓNICA DE CIENCIA Y TECNOLOGÍA' logo and a description of the library's services, and 'Main Portal of Sistema Nacional de Repositorios Digitales (SNRD)' featuring the SNRD logo and a description of its mission to promote open access and sharing of scientific and technological production.

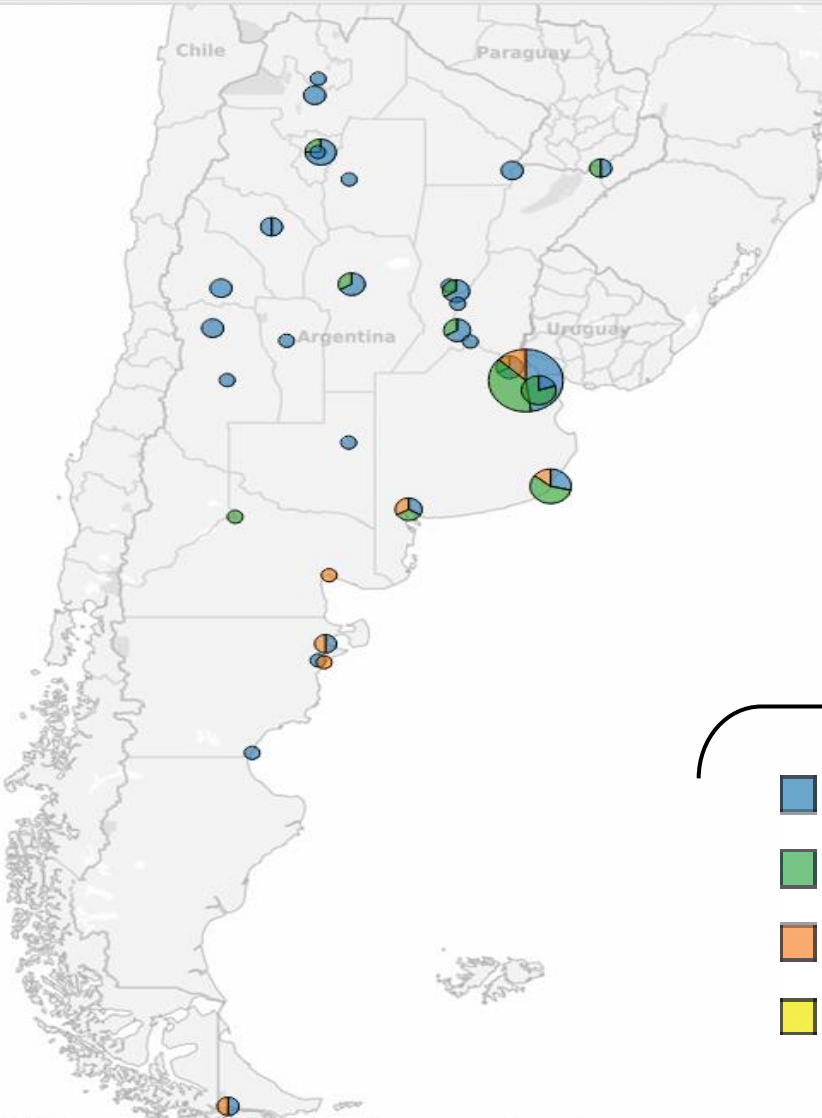
Visibility of
public funded
science

Efficient use of
public resources

National
articulation to
optimize
decisions &
investments in
all Science
fields

Accountability
of scientific
production cycle

OA National Portals



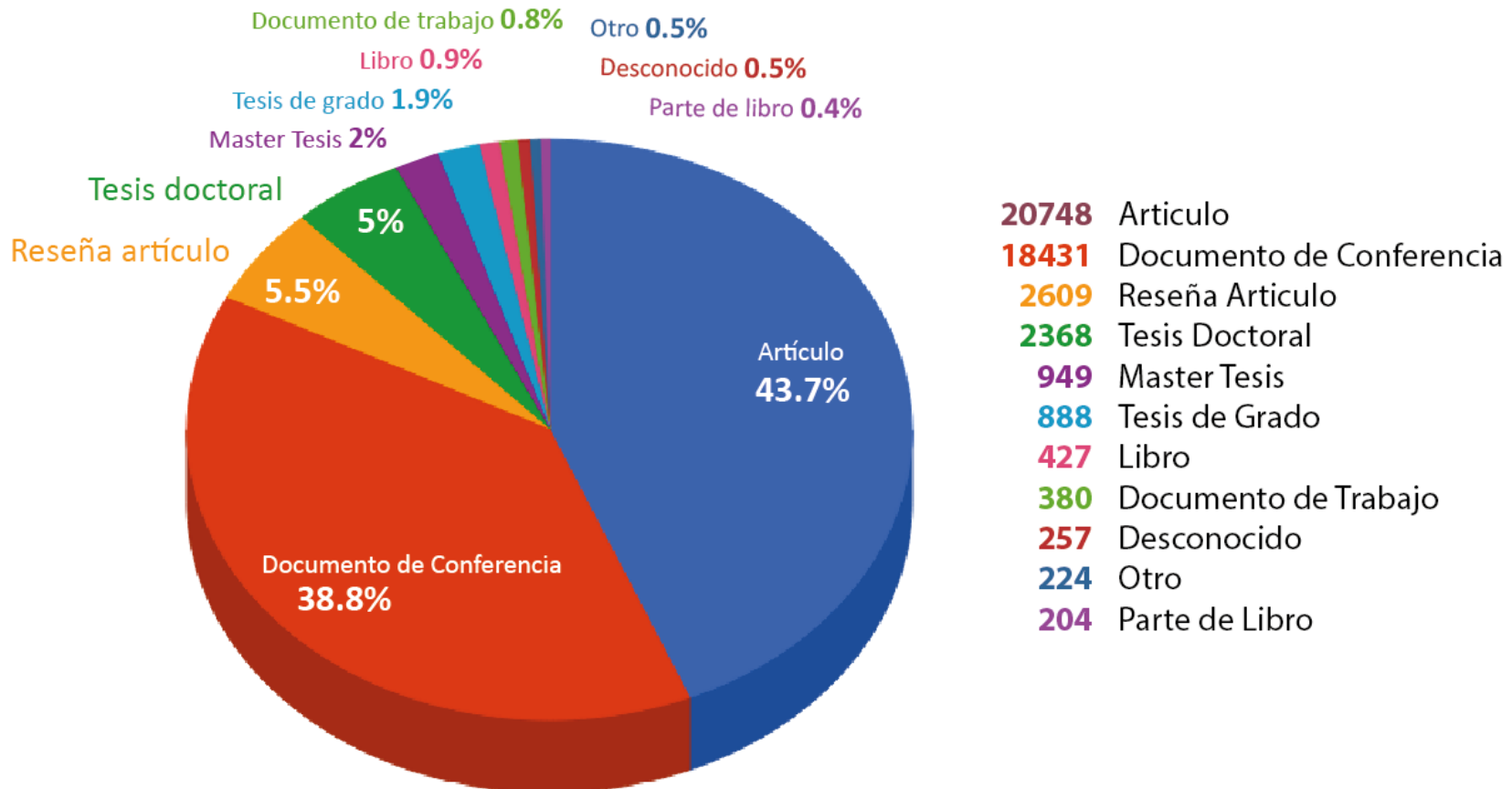
AR\$ 5,4 M funds from Ministry of Science through the National Systems

39 projects funded to create, improve or update databases and repositories to enable uploading and/or harvesting

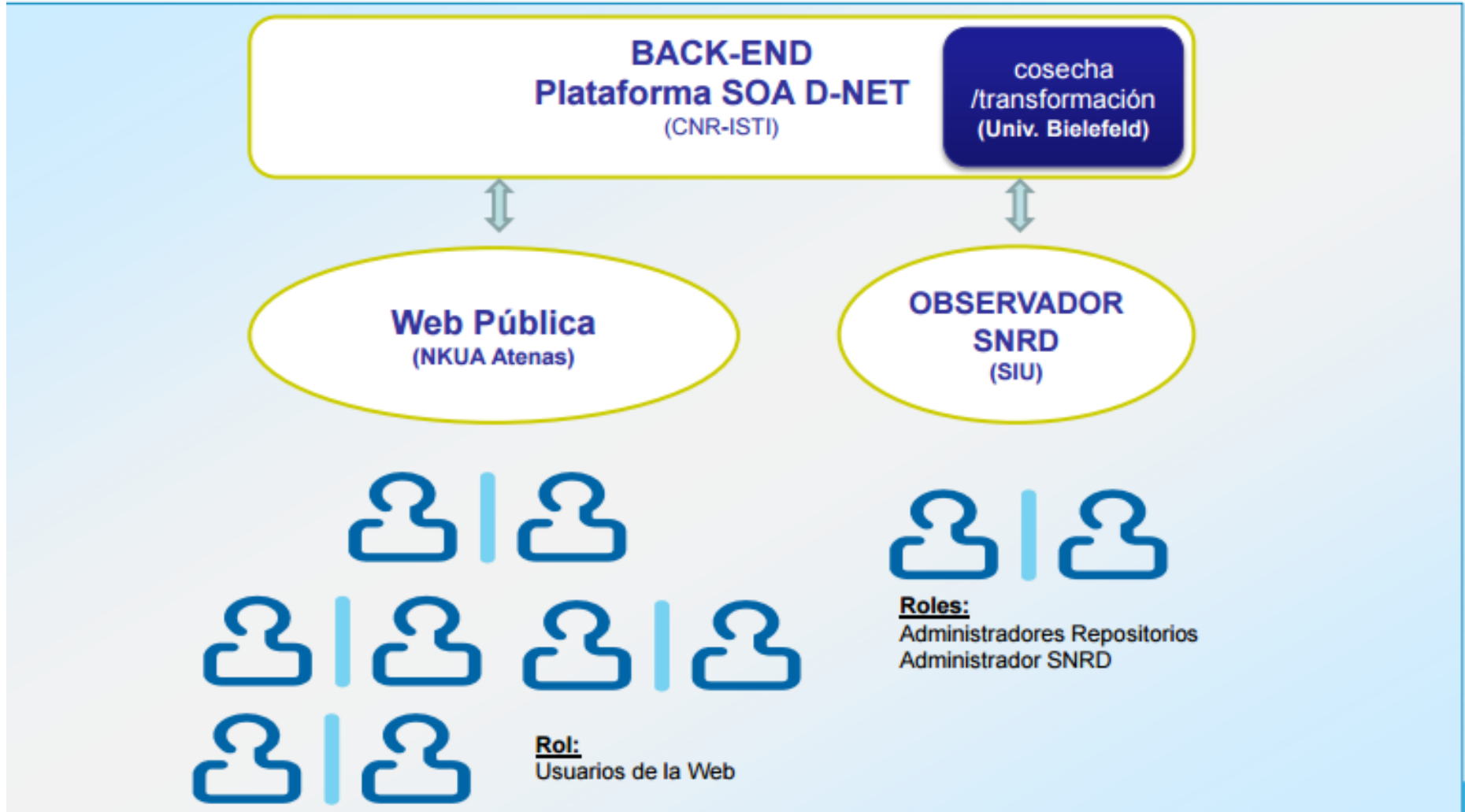
- SNDB 48 Biological Data Centers (260 collections)
- SNRD 31 Repositories (40.000 full text documents)
- SNDM 9 Sea Data Centers (38 datasets)
- SNDC Under construction

Current results of SNRD

40,000 full text documents available: Type



International support to build SNRD portal



Main issues of the Law 26.899

- ✓ **Scientific Institutions:** Create interoperables repositories with research results and outputs
- ✓ **Researchers:** Deposit articles, reports, communications and thesis (6 months) as well as primary data (5 years) in OA repositories.
- ✓ **Financing Agencies:** Funding research projects should include plans for releasing data and publications.

Pendings issues, current challenges

- ✓ Universal OA?
- ✓ Quality of OA publications and data?
- ✓ Access + Reusability of data?
- ✓ New roles of libraries and librarians to add value to OA literature + data?
- ✓ Sustainability of Repositories?
- ✓ Further training to researchers?
- ✓ New disciplinary arrangements concerning data and metadata formats?
- ✓ Linking researchers career to OA publication?

Some keys to OA success

- ✓ Political support: policies, institutional mandates, promotion of national networks and \$\$\$ (not too much but enough)
- ✓ Training, advocacy, awareness campaigns, marketing, measuring effects and impact of repositories on researchers lives and work.
- ✓ Regional & International support: LA Referencia's and COAR's communities.



Questions?

¡Muchas Gracias!

Obrigado!

Thank you!

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www.sistemasnacionales.mincyt.gov.ar

<http://repositorios.mincyt.gov.ar/>