

# Open Access in Argentina

## National policies, international alignment

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**COAR-SPARC CONFERENCE**  
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**Presidencia  
de la Nación**

Ministerio de  
Ciencia, Tecnología  
e Innovación Productiva

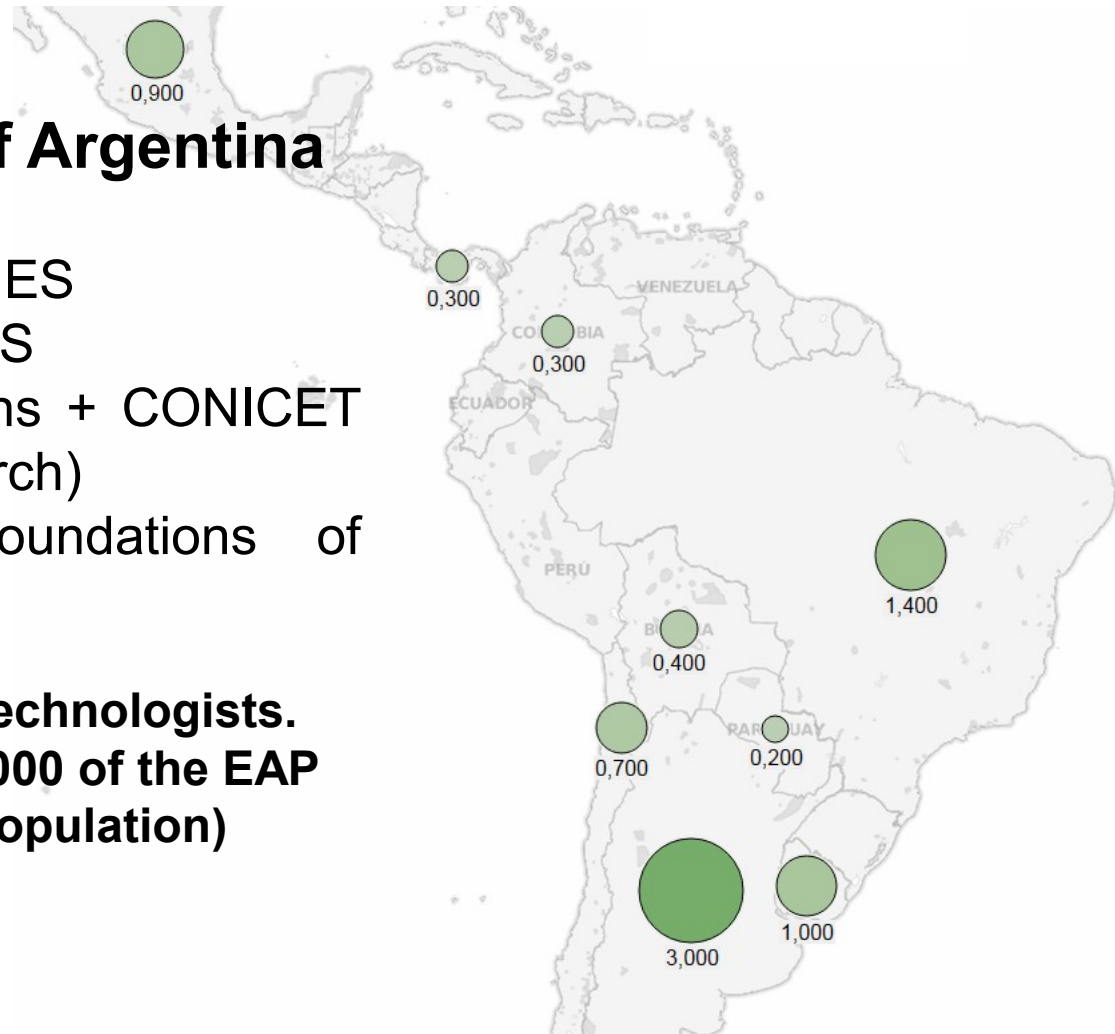


Secretaría de Articulación  
Científico Tecnológica

## 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 were 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

Visibility of  
public funded  
science

Efficient use of  
public resources



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SNRD  
Sistema Nacional  
de Repositorios Digitales

PORTAL DE DATOS

Home | Search | Browse | Repositories

Search for more than  
40,000 documents  
in 9 repositories  
from 1 countries

Main Portal of Science and Technology Electronic Library

BIBLIOTECA ELECTRÓNICA  
DE CIENCIA Y TECNOLOGÍA

The Science and Technology Electronic Library is a portal providing access, through the Internet, to scientific and technology complete text of books and articles in journals, reference databases, document reviews and other bibliographic information, national and international in the diverse areas of knowledge of interest for the Science and Technology system. [Go to website.](#)

Main Portal of Sistema Nacional de Repositorios Digitales (SNRD)

SNRD  
Sistema Nacional  
de Repositorios Digitales

SNRD promotes open access and sharing of scientific and technological production generated in the country. In addition, institutions may request funding in order to create / strengthen their digital repositories and for human resources training. [Go to website](#)

Somos miembros de:

LA REFERENCIA

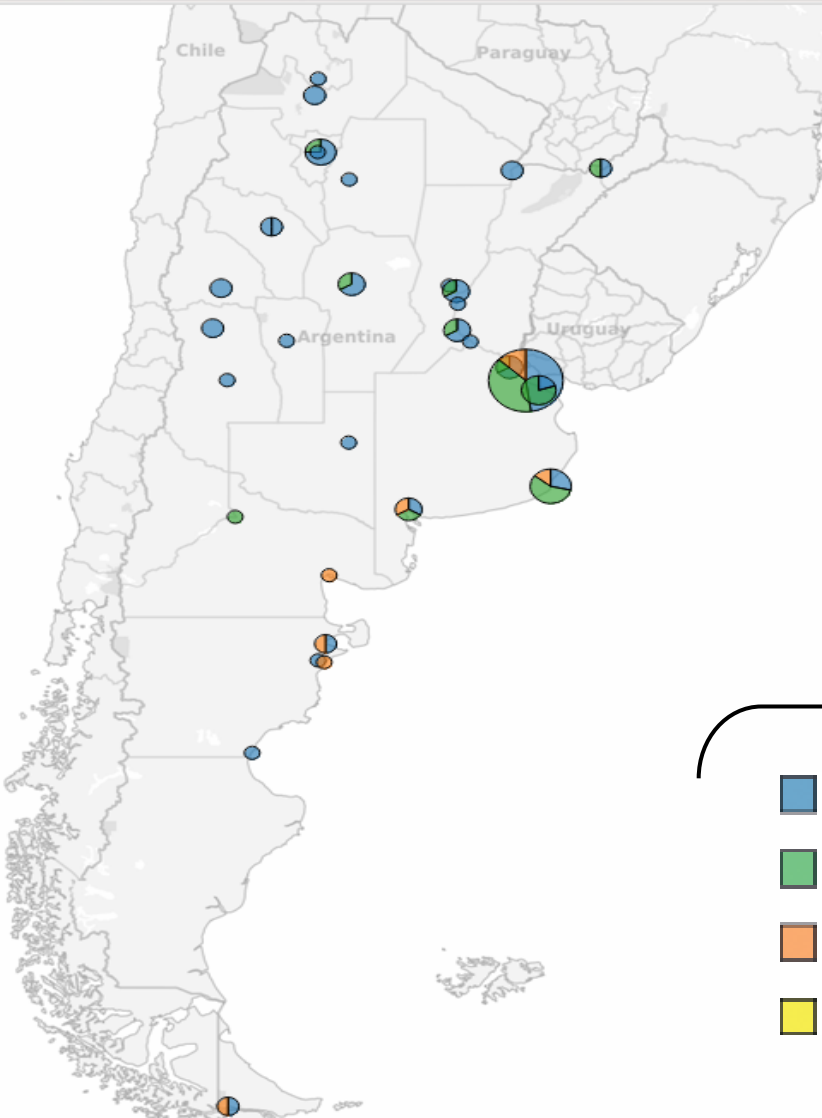
COAR  
Coalition of Open Access Repositories

© 2007-2010. DRIVER - Digital Repository Infrastructure Vision for European Research

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

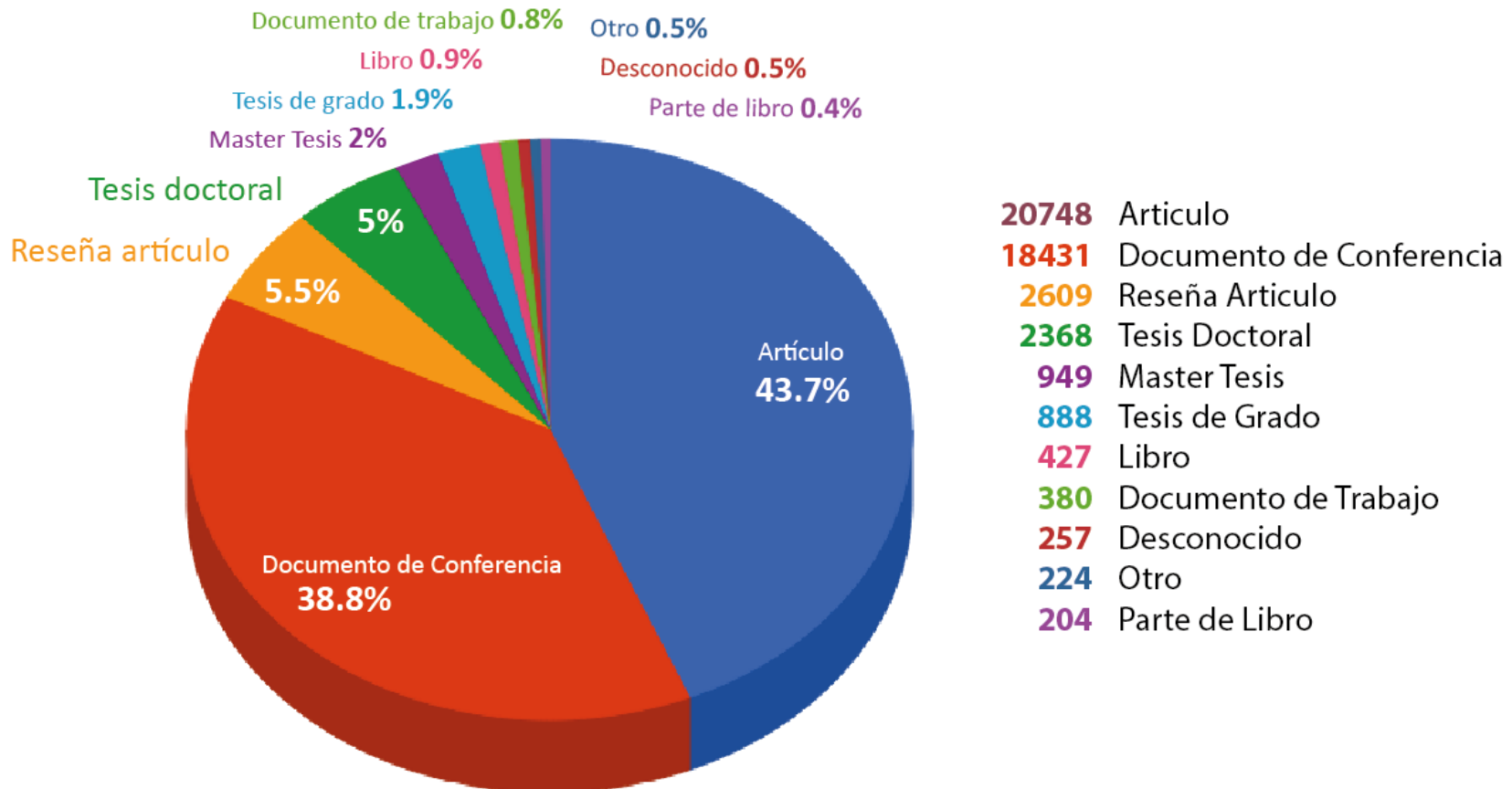
39 projects funded to create, improve or update databases and repositories to enable uploading and/or harvesting

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

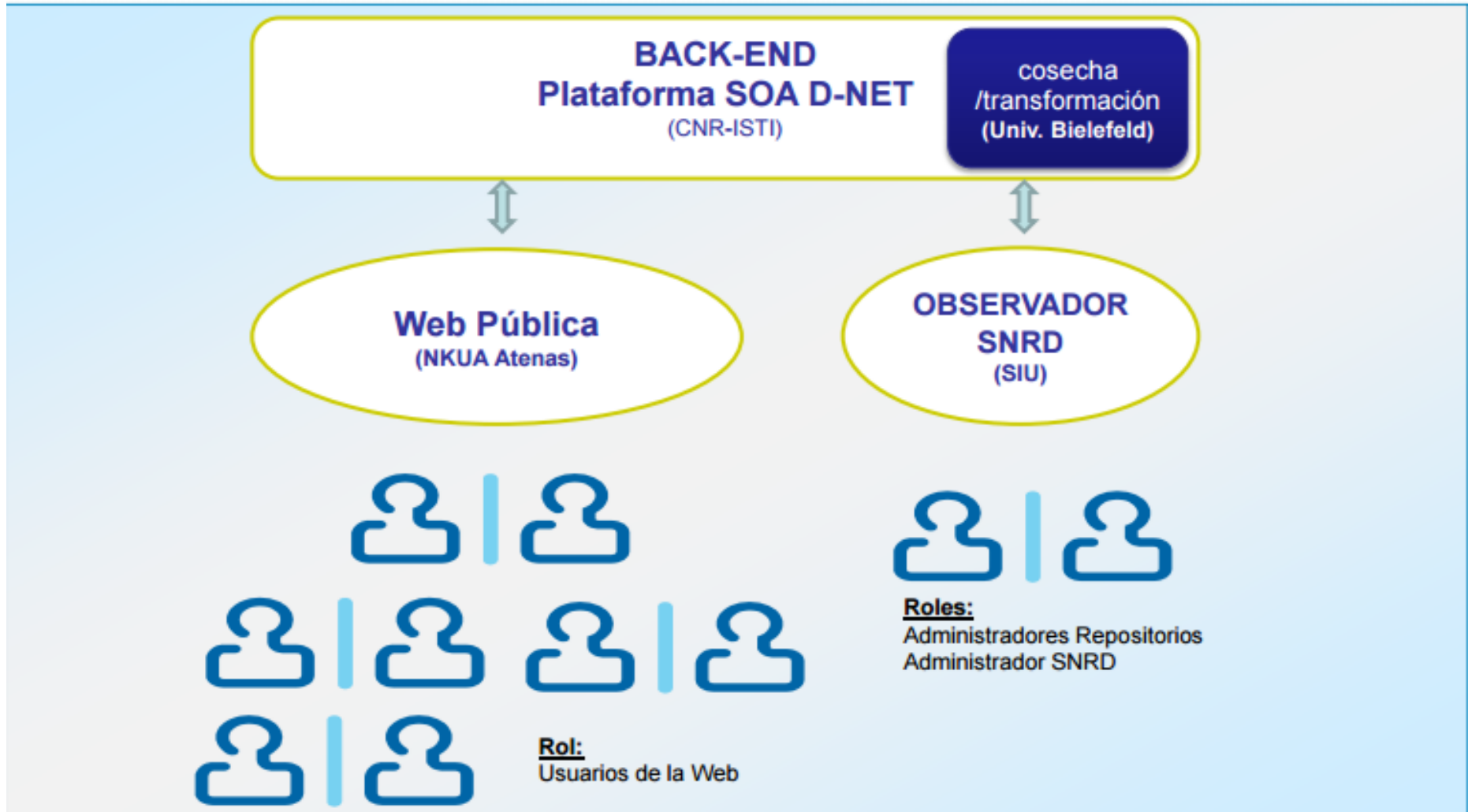


## Current results of SNRD

### 40,000 full text documents available: Type



# International support to build SNRD portal





## Main issues of the Law 26.899

- ✓ **Scientific Institutions:** Create interoperable 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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