National Perspectives: Spanish Case

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The Context

Data are fundamental in Open Science

Amsterdam Call for Action on Open Science

nl EU 2016

This Call for Action is the main result of the Amsterdam conference on 'Open Science-From Vision to Action' hosted by the Netherlands' EU presidency on April 2016

A multi-actor approach was formulated to reach two important pan-European goals for 2020:
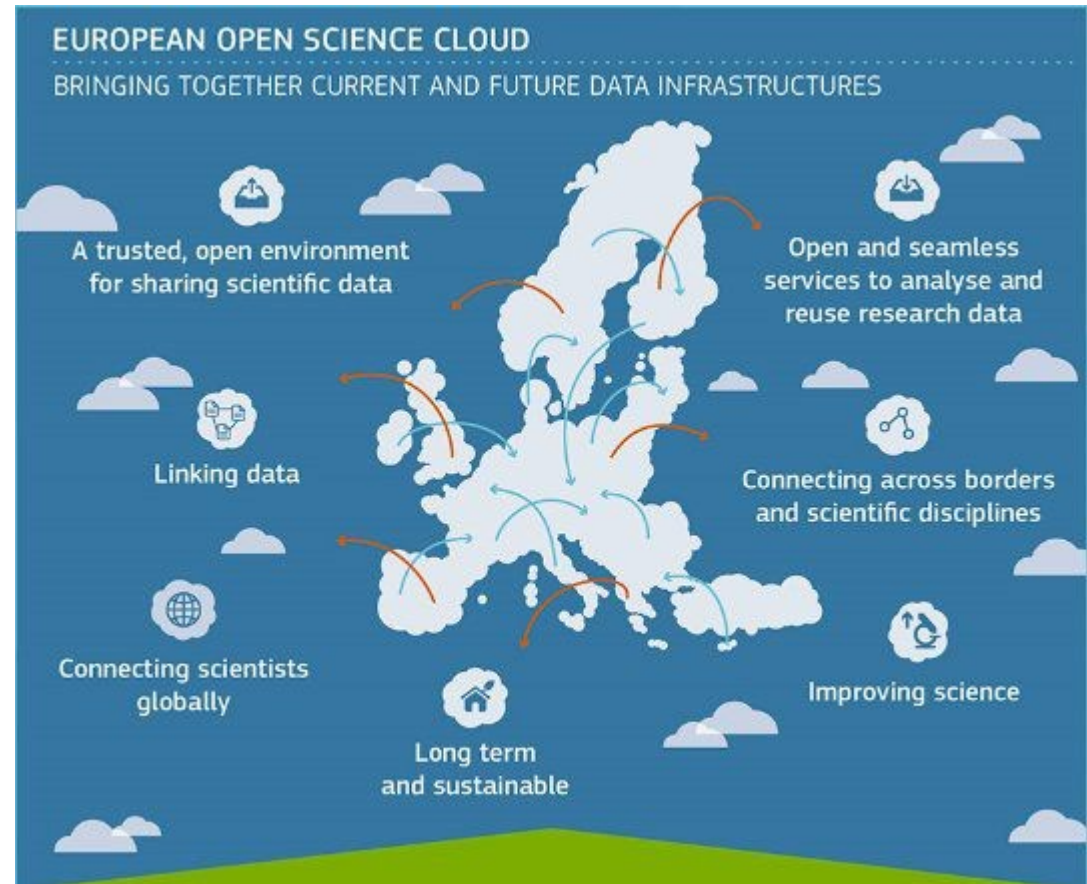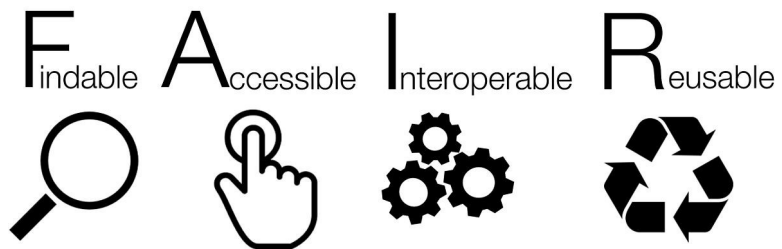
1. Full open access for all scientific publications

This requires leadership and can be accelerated through new publishing models and compliance with standards set.

2. A fundamentally new approach towards optimal reuse of research data

Data sharing and stewardship is the default approach for all publicly funded research. This requires definitions, standards and infrastructures.

The final goal

F indable A ccessible I nteroperable R eusable

EUROPEAN OPEN SCIENCE CLOUD
BRINGING TOGETHER CURRENT AND FUTURE DATA INFRASTRUCTURES

A trusted, open environment
for sharing scientific data

Open and seamless
services to analyse and
reuse research data

Linking data

Connecting across borders
and scientific disciplines

Connecting scientists
globally

Improving science

Long term
and sustainable

e-IRG Workshop
30th November 2023

The Spanish Context

Changes in the Law of Science (Sept 2022)

Article 37

All public agents of the Spanish Science, Technology and Innovation System will foster the dissemination of the outcomes of the scientific, technological and innovation activities, and make the research outputs, including publications,data, code and methodologies, available to the public openly.

Public sector or publicly funded research staff disseminating their research outputs through scientific publications must deposit a copy of the final version accepted for publication and their associated data in institutional or thematic open access repositories, simultaneously to the publication date.

https://www.boe.es/buscar/act.php?id=BOE-A-2011-9617

The National Strategy for Open Science

Approved by the Spanish Governement in May 2023

https://www.ciencia.gob.es/Estrategias-y-Planes/Estrategias/ENCA.html

Strategic objectives

Ensure the existence of sufficiently robust and well-articulated interoperable digital infrastructures capable of absorbing the impact of implementing a national open science policy and facilitating its integration into the international ecosystem, including, where applicable, the European Open Science Cloud (EOSC).

Promote the proper management of research data generated by the national R&I system through the FAIR principles

The National Strategy for Open Science

Actions

Creation, recognition, and promotion of professional profiles to support research data management within the SECTI as support figures for research teams, adding specific and necessary expertise and alleviating the workload of research teams.

Funding will be provided, within research support personnel calls, for the creation of professional profiles to support the FAIR management of research data, such as data stewards and research data analysts, among others.

In short-term

Some initiatives

Institutional Open Science Plans

Open Science Roadmap for 2025 at UPC

Objectives:

Provide infrastructures and tools for managing research data

Provide advice and support to researchers for managing research data

Create a single contact point for research data

Offer specific training activities on open science embedded in regular training programmes for researchers and PhD students

https://bibliotecnica.upc.edu/en/investigadors/ciencia-oberta-upc

Training researchers and stewards

Postdegree course: *Open Science: Promotion, Support and Assessment*

Inspired in the document Identifying Open Science Skills for Library Staff & Researchers by LIBER

Aimed at:

Organise and update research support services according to open science

Design information campaigns and training activities addressed to researchers

Analise funders' and research assessment requirements bond to open science

Provide support on the development and implementation of open science policies

https://www.ub.edu/portal/web/informacio-mitjans-audiovisuals/presentacio-ciencia-oberta

Creation of Communities of Practice

Catalan Open Research Area

Collaboration among 34 universities and research centres on RDM

Working together in a research data repository

Development of training sessions

Exchange of best practices

Self-learning sessions

https://cora.csuc.cat/

New contracts: INVESTIGO Program

1 plaça de Tècnic en gestió i anàlisis de dades científiques (programa INVESTIGO)

Identificador
20230118O82

Finalització de presentació de sol·licituds
26/06/2023

Tipus de personal
Laboral temporal

Grup de titulació o assimilat
A1 - Grau universitari (correspondència amb llicenciatures)

Titulació requerida
Títol de doctor/a i tenir coneixements avançats d'anàlisis de dades

Altres requisits
Vegeu les bases

Matèries
Administració especial sense especificar, Informàtica. Noves tecnologies

Torn reservat
Convocatòria reservada a joves que estiguin a l'atur

Conclusion

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We have a good context and environment towards open science

There are many initiatives

There is yet a lot to do

Thank you

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