Encuentro

APORTA

7ª Edición

Madrid, 24 octubre 2017

El valor de los datos *en el ecosistema global*

El valor de los datos abiertos EN la investigación

Eva Méndez (@evamen)

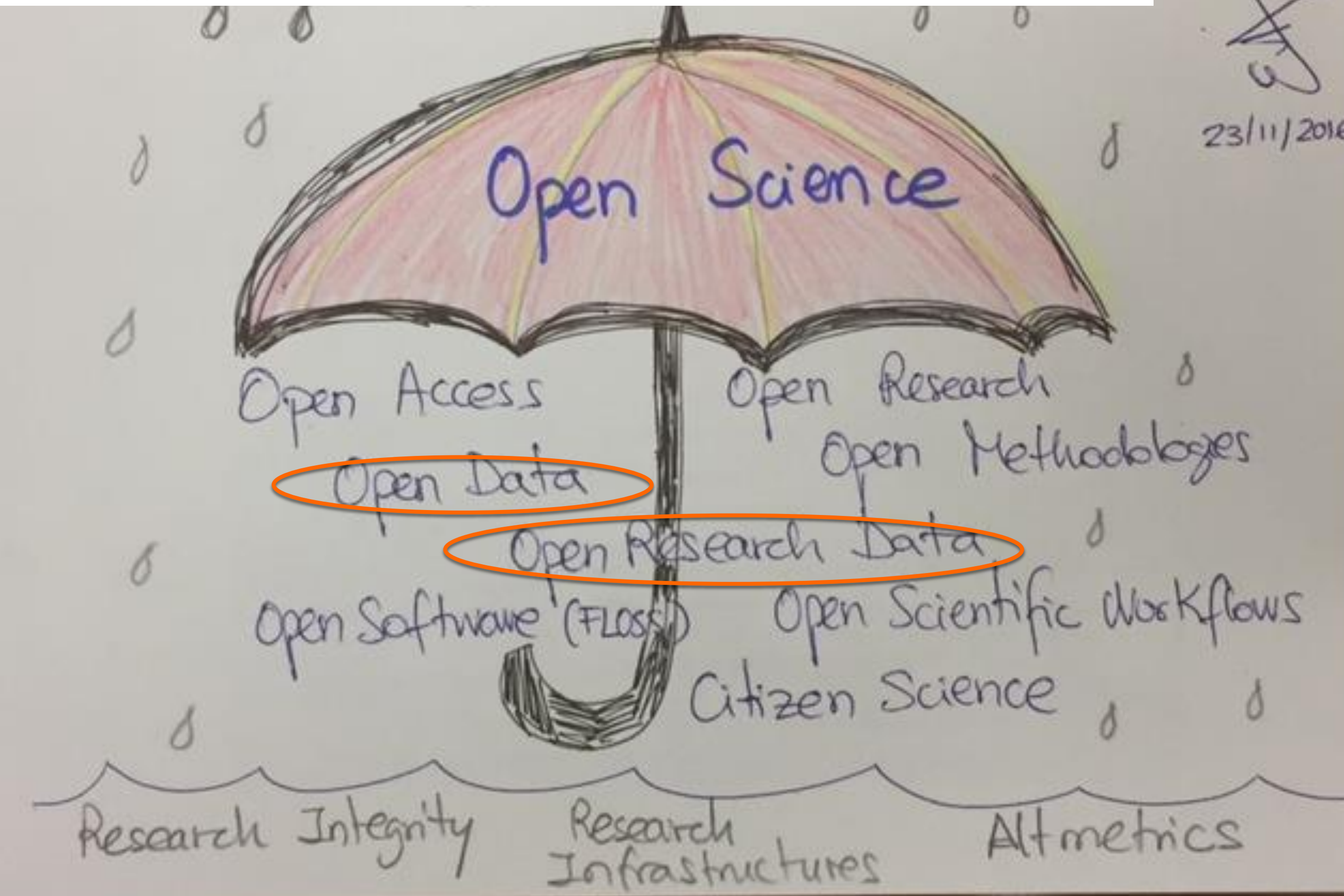
De qué voy a hablar

- Datos **EN (PARA/DE/SOBRE)** investigación en el ámbito de Open Science:
  - Valor de los Datos Abiertos para la investigación
  - Valor de los Datos de Investigación para los Datos Abiertos
  - Datos abiertos sobre la investigación (Gov)
  - Investigación sobre “datos abiertos”
  - …
- Infraestructuras para OpenData & Investigación
- PSI e información científica

DATOS DE / PARA INVESTIGACIÓN

CC BY NC SA

"Science carried out and communicated **in a manner** which allows others to contribute, collaborate and add to the research effort, **with all kinds of data**, results and protocols made freely available at different stages of the research process." (RIN, 2010)



Datos DE investigación

Cartoon by Auke Herrema

PSI

"…Open access to scientific results and data is a ***great way to boost science, boost the economy, and enable new techniques and collaborations between disciplines****.*

Really it's quite simple: it's about ensuring you can see the ***results you've already paid for through your taxes****…."*

(Nelie Kroes

RDA RESEARCH DATA ALLIANCE Magazine

PSI

Digital Single Market

POLICIES

European legislation on re-use of public sector information

The directive on the
provides a common
for government-held
built around two key

The PSI directive focuses on the economic aspects of re-use of information rather than on the access of citizens to information. It encourages the Member States to make as much information available for re-use as possible. It addresses material held by public sector bodies in the Member States, at national, regional and local levels, such as ministries, state agencies, municipalities, as well as organisations funded for the most part by or under the control of public authorities (e.g. meteorological institutes). Since 2013 content held by museums, libraries and archives falls within the scope of application as well.

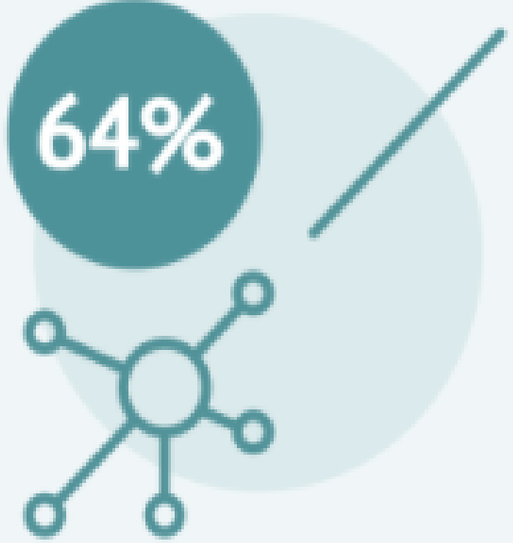
The directive covers written texts, databases, audio files and film fragments; it does not apply to the educational, scientific, and broadcasting sectors.

OpenData para los investigadores

https://www.elsevier.com/about/open-science/research-data/open-data-report

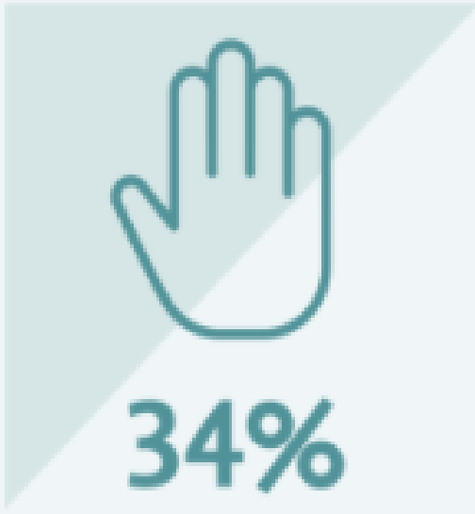
Eva Méndez

73% of academics surveyed said that having access to published research data would benefit their own research

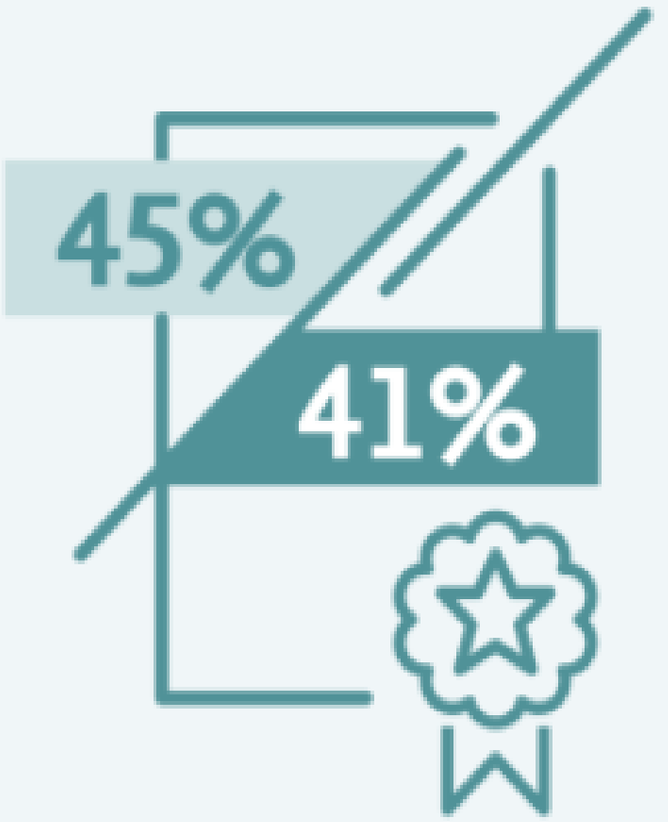


64% are willing to allow others to access their research data

69% of survey respondents said sharing research data is important for doing research in their field



34% of researchers surveyed do not publish their data at all; one third of survey respondents did not share data from their last project



There is an almost even split between researchers who believe there are no clear standards for citing published data (45%) and those who believe there are clear standards (41%)

52% of respondents said that their institution does not provide funds to cover the costs of managing or archiving research data

Analysis of data publishing options revealed that dedicated data journals are minimally available– but fast-growing.

OpenData vs Research OpenData

Gov

- OPEN (License)
- Interoperable (metadata)
- Reusable

Sci

- FAIR
  - Findable
  - Accessible (open)
  - Interoperable
  - Reusable

Gov

- Objetivo: Reutilización & Transparencia (+)
- Una comunidad
- Reglas y Estándares
- Infraestructura

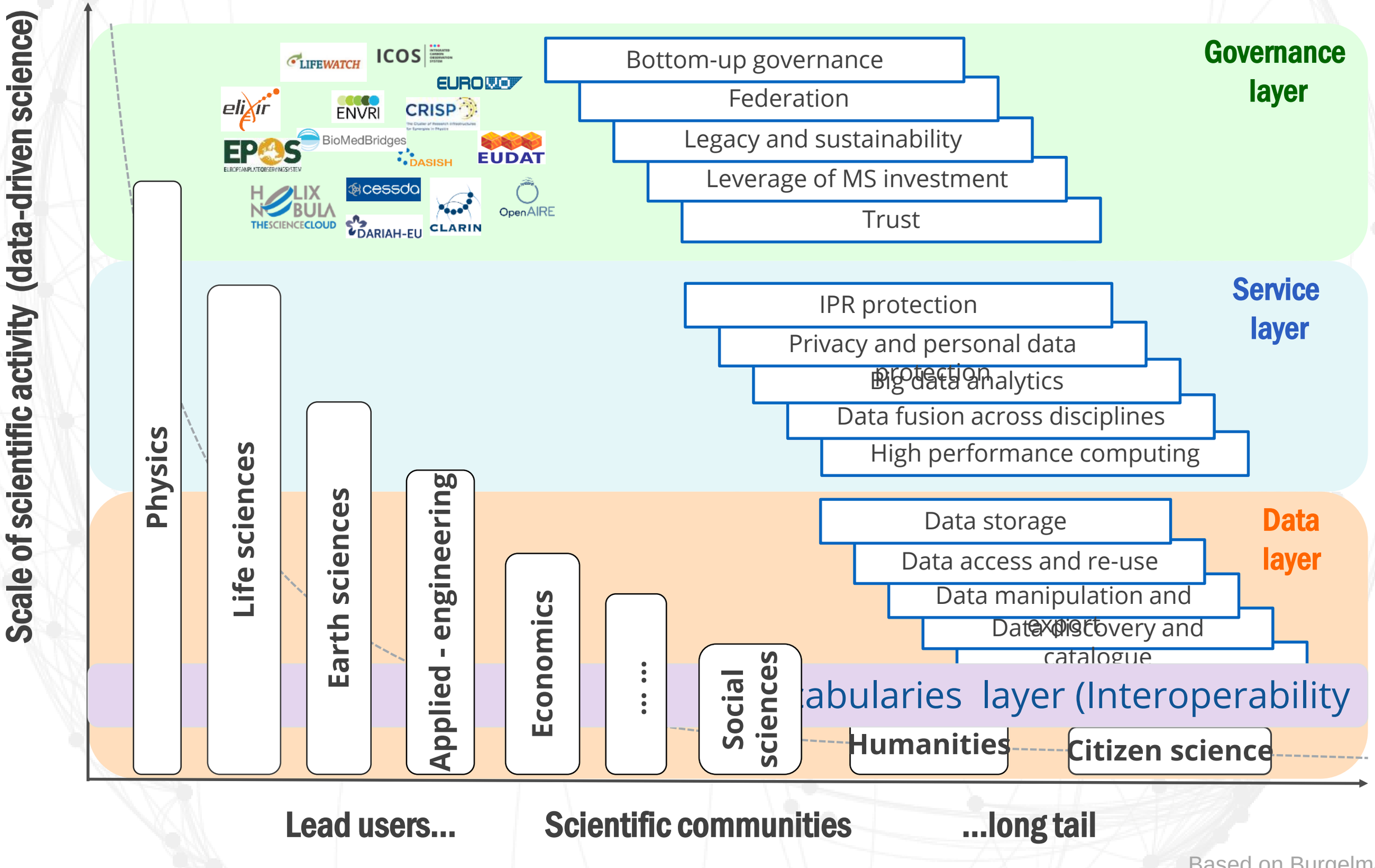
Sci

- Objetivo: Reutilización & Reproducibilidad
- Una comunidad
- Reglas y estándares
- Infraestructura

The European Open Science Cloud

Infraestructura de datos de investigación

EU Open Science Cloud & FAIR



Based on Burgelman

- **DATOS ABIERTOS SOBRE INVESTIGACIÓN**
- **INVESTIGACIÓN SOBRE DATOS ABIERTOS**

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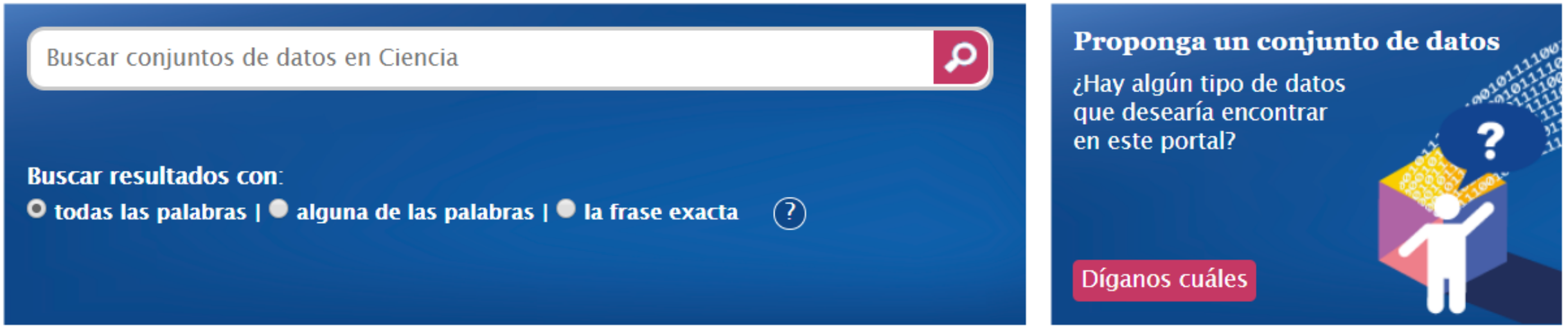
Open Data SOBRE Investigación



Ciencia

Campos de EuroVoc: *Ciencia* ×

Ordenar por: Relevancia

Se encontr 1929 datos

Highly important objectives for marketing innovation

Campos de EuroVoc

- Medio ambiente (824)
- Producción, tecnología e investigación (818)
- Energía (406)
- Asuntos sociales (28)
- Geografía (15)
- Vida económica (11)
- Derecho (8)
- Transportes (7)

Datos DE investigación (SOBRE?)

Unlocking the power of research data

JUN 29 2017

The wealth of data produced by the Joint Research Centre (JRC) is now available online.

The **JRC Data Catalogue** is an online platform which provides scientists, policy makers, data journalists and other users quick access to science data on a wide range of topics.

JRC Data Catalogue - open access to science data
©European Union, 2017

The JRC Data Catalogue is an open-access produced by JRC researchers. It currently dataset collections.

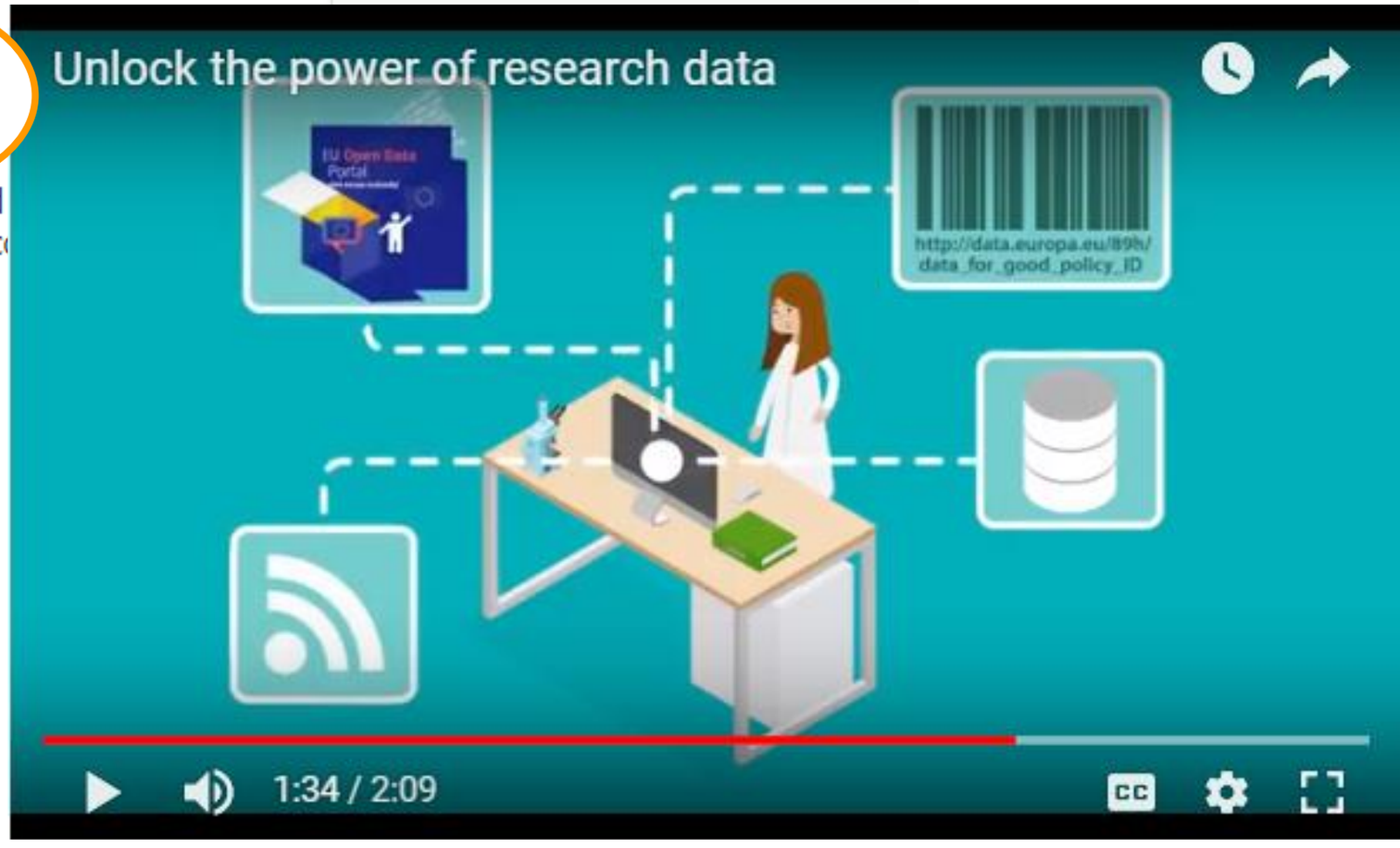
1629

Data on a vast array of topics such as agriculture and food economy, environment and climate as well as health and c protection can be accessed through this new platform.

Related Content

JRC Data Catalogue
EU Open Data Portal
JRC data policy
Commission's strategy on data, information and knowledge management

Related topics



https://ec.europa.eu/jrc/en/news/unlocking-power-research-data

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Investigación SOBRE OpenData

http://www.opendataresearch.org

APORTA

Consulta pública Directiva PSI

Commission and its priorities | Policies, information and services

English EN | Search

European Commission › Consultations ›

CONSULTATION

Public consultation on the review of the directive on the re-use of Public Sector Information (PSI Directive)

Objective of the consultation

The Commission is launching a public consultation in view of reviewing the directive on the re-use of public sector information (PSI Directive). As foreseen in the May 2017 mid-term Review of the Digital Single Market strategy (COM(2017) 228), and in order to fulfil the goals of the strategy in the field of the data economy, the Commission is preparing an initiative on accessibility and re-use of public and publicly funded data, and is at the same time further exploring the issue of privately held data which are of public interest.

uc3m

Datos DE investigación

http://www.maredata.net

@maredataproject /@evamen

#maredata

MareData

GOBIERNO DE ESPAÑA
MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD

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¡Muchas Gracias!

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