



CoARA



Network of Universities
from the Capitals of Europe

Translating Values into Practice: Navigating CoARA Principles in Research Libraries



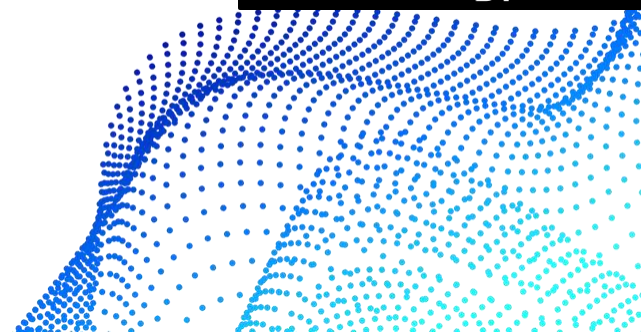
**EVA
MENDEZ**

[@evamen](#)

Universidad Carlos III de Madrid

CoARA Steering Board member

Chair Open Science Policy Platform (2018–2020)



Just a reminder!!

Science



The web is for everyone and collectively we hold the power to change it. It won't be easy. But if we dream a little and work a lot, we can get the web we want.

Sir Tim

2018

<https://webfoundation.org/2019/03/web-birthday-30/>

30 years on, what's next #ForTheWeb?

DORA 10 



A Decade of Data 2013-2023

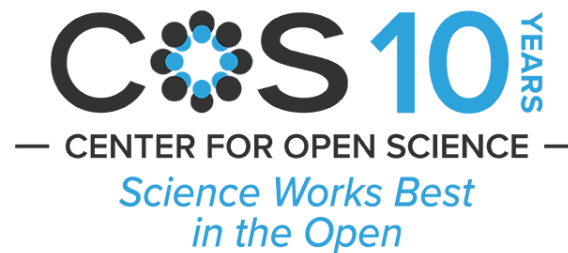
Research Data Alliance

10 years of open
research publishing.

F1000 10 years of open
research publishing.



Celebrating our 10th Anniversary



<http://tinyurl.com/scholcomm-charters>

+ 100 Declaraciones / Recomendaciones, etc.

Charters and principles in scholarly communication

File Edit View Insert Format Data Tools Extensions Help

D11 fx | 2002

1	Friendly URL: http://tinyurl.com/scholcomm-charters
2	
3	Journal of Brief Ideas paper proposal
4	Force11 Scholarly Commons Working Group



YEAR	NAME	URL	ASPECT	ORGANIZATION	AUTHORS/SIC
1964-2008	Helsinki Declaration	https://www.wma.net/policies-post/wr	other	World Medical Association	
1986	Free Software Definition	https://en.wikipedia.org/wiki/The_Fre	code&software		Richard Stallm
1996	Bermuda principles	https://en.wikipedia.org/wiki/Bermuda	data		multiple
1998	Open Source Definition	https://opensource.org/osd-annotate	code&software	Open Source Initiative	Bruce Perens
2002	Budapest Open Access Initiative	http://www.budapestopenaccessinitia	open access		24
2003	Berlin Declaration	http://openaccess.mpg.de/Berlin-Dec	open access		7 (? as acknow
2003	Bethesda Statement on Open Access Publishing	http://dash.harvard.edu/handle/1/472	open access		19 (? original s
2003	Fort Lauderdale data sharing gentleman's agreement	https://en.wikipedia.org/wiki/Fort_Lau	data	Wellcome Trust	
2004	UPSIDE principles on data and materials	http://www.pnas.org/content/101/11/3	data		
2005	OKF Open Definition	http://opendefinition.org/	opencience&multiple	OKF	no individuals
2005	Salvador Declaration on Open Access	http://www.iamf.org/meetings/open	open access	International Seminar on O	

And you?...

What are you going to do?



Amsterdam Call for Action
on Open Science

EU
2016



Introduction video: Conference Open Science 4- 5 April **2016**, Dutch Presidency EU2016:

<https://www.youtube.com/watch?v=C9a3Ap3yyak> [Amsterdam Call for Action]

AN URGENT NEED TO REFORM EXISTING WAYS OF ASSESSING RESEARCH

Assessment processes relying predominantly on journal- and publication-based metrics **can be a hurdle to the recognition of diverse contributions and may negatively affect the quality and impact of research.**

They also contribute to an **unhealthy research culture** and an **unaffordable publication system.**



**Next-generation metrics:
Responsible metrics and evaluation for open science**



Mutual Learning Exercise

**Open Science:
Altmetrics and
Rewards**

Horizon 2020 Policy Support Facility



IT'S NOT NEW...

**Responsible,
Research
Assessment**

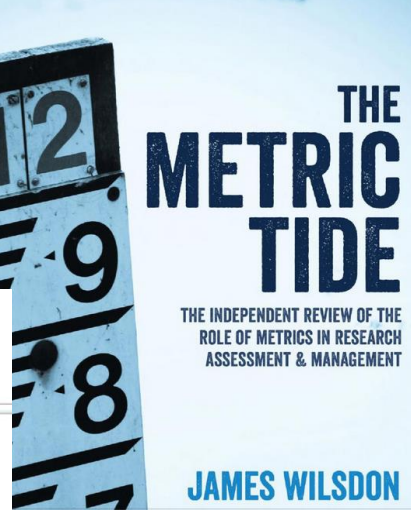
Open Science Career Assessment Matrix (OS-CAM)	
Activities	Possible evaluation criteria
Participating in public engagement activities and research	Pushing forward the boundaries of open science as a research topic
Translating research results through non-academic channels	Publishing in open access journals
Being knowledgeable on the legal and ethical aspects of open science	Self-archiving in open access repositories
Transferring IP to the wider economy	Using the FAIR data principles
Evidence of use of research by societal groups	Adopting quality standards in open data management and open data
Recognition from societal groups or for societal benefit	Making use of open data from other researchers
Engaging in open innovation with partners beyond academia	Using open source software and other open tools
	Developing new software and tools that are open to other users
	Securing funding for open science activities
Actively engaging society and research users in the research process	Actively engaging society and research users in the research process
Sharing provisional research results with stakeholders through open platforms (e.g. Arxiv, Figshare)	Sharing provisional research results with stakeholders through open platforms (e.g. Arxiv, Figshare)
Involving stakeholders in peer review processes	Involving stakeholders in peer review processes
Widening participation in research through open collaborative projects	Widening participation in research through open collaborative projects
Engaging in team science through diverse cross-disciplinary teams	Engaging in team science through diverse cross-disciplinary teams
Being aware of the ethical and legal issues relating to data sharing, confidentiality, attribution and environmental impact of open science activities	Being aware of the ethical and legal issues relating to data sharing, confidentiality, attribution and environmental impact of open science activities
Fully recognizing the contribution of others in research projects including collaborators, co-authors, citizens, open data providers	Fully recognizing the contribution of others in research projects including collaborators, co-authors, citizens, open data providers
Taking account of the risks involved in open science	Taking account of the risks involved in open science
Developing a vision and strategy on how to integrate OS practices in normal practice of doing research	Developing a vision and strategy on how to integrate OS practices in normal practice of doing research
Defining policy and practice in open science	Defining policy and practice in open science
Acting as a role model in practicing open science	Acting as a role model in practicing open science
Building an international or national profile for open science activities	Building an international or national profile for open science activities
Acting as editor or advisor for open science journals or bodies	Acting as editor or advisor for open science journals or bodies
Engaging in open peer review processes	Engaging in open peer review processes
Engaging in open research	Engaging in open research
Building and international networks relating to open science	Building and international networks relating to open science
Investing in own professional development to build capabilities	Investing in own professional development to build capabilities
Successfully delivering open science projects involving multiple teams	Successfully delivering open science projects involving multiple teams
Demonstrating the personal qualities to engage others with open science	Demonstrating the personal qualities to engage others with open science
Showing the flexibility and perseverance to overcome challenges in open science	Showing the flexibility and perseverance to overcome challenges in open science



**Evaluation of Research
Careers fully acknowledging
Open Science Practices**

Rewards, incentives and/or recognition for researchers practicing Open Science

SHARED (AND CONTINUOUS) DIRECTION ON THE REFORM OF RESEARCH ASSESSMENT



THE HONG KONG PRINCIPLES FOR ASSESSING RESEARCHERS	
FOSTERING RESEARCH INTEGRITY	
<p>What are the HKP? The Hong Kong Principles (HKP) were developed as part of the 6th World Conference on Research Integrity. They were developed to reinforce the need to ensure that researchers are rewarded for specific behaviors that promote trustworthy research. The HKP have been developed with the idea that implementation of them could assist in how researchers are assessed for career advancement with a view to strengthening research integrity.</p>	
PRINCIPLE	IMPLEMENTATION EXAMPLES
1. Assess research with integrity	The HKP recommends Experimental Design Assistants (EDAs) developed by NCI. This 10-minute on-line tool helps researchers prepare the design and cases requested for grant applications.
2. Value complete reporting	Wellcome Trust's Open Research (WOR) is a bold policy requiring researchers to complete studies (e.g., ARRIVE). The University of Edinburgh has introduced a course on reporting guidelines. It is a formal course on reporting guidelines that students can complete as formal credit towards their degree.
3. Reward the practice of open science	The University of Cambridge has introduced 'data champions' (DIT) University of Edinburgh, UK, has implemented this as a career assessment criterion. The Nanyang Technological University (NTU), Singapore, implemented an Open Access policy in 2011. At NTU's Faculty of Medicine, research articles are conducted to ensure adherence.
4. Acknowledge a broad range of research activities	The Netherlands Organization for Scientific Research is a full-time research activities in the respective journals.
5. Recognize essential other skills used in peer-reviewing and mentoring	The University of Glasgow's academic promotion criteria rewards researchers for peer-review and other related activities (e.g., journal editing).

- ✓ Various frameworks/initiatives/declarations
- ✓ Plan for unintended consequences and/or effects of indicators
- ✓ Don't create incentives only for superficial or symbolic changes
- ✓ Adapt the set of indicators to the field, project, type, or entity being measured

BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION

LAUNCHING APRIL 16, 2024

The preparation of the Declaration is being coordinated by Bianca Kramer (Sesame Open Science), Cameron Neylon (Curtin Open Knowledge Initiative, Curtin University), and Ludo Waltman (Centre for Science and Technology Studies, Leiden University). Organizations that would like to know more about the Declaration or that wish to sign the Declaration are welcome to reach out to contact@barcelona-declaration.org.

2020: OSPP FINAL REPORT



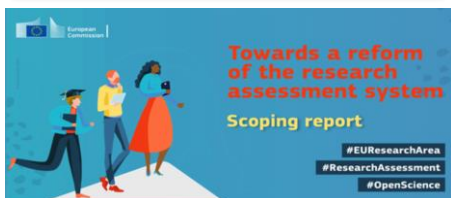
- 1.** An academic career structure that fosters outputs, practices and behaviours to maximise contributions to a shared research knowledge system
- 2.** A research system that is reliable, transparent and trustworthy
- 3.** A research system that enables innovation
- 4.** A research culture that facilitates diversity and equity of opportunity
- 5.** A research system that is built on evidence-based policy and practice

Progress on Open Science: Towards a Shared Research Knowledge System

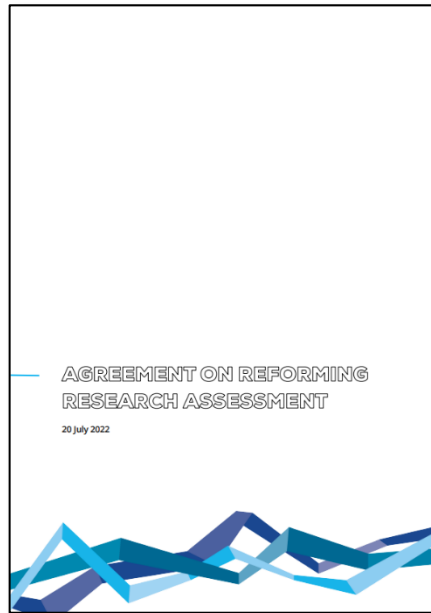
Final Report of the Open Science Policy Platform

June 2022 - Council Conclusions on Research Assessment and Implementation of Open Science

Commission Scoping Report
November 2021

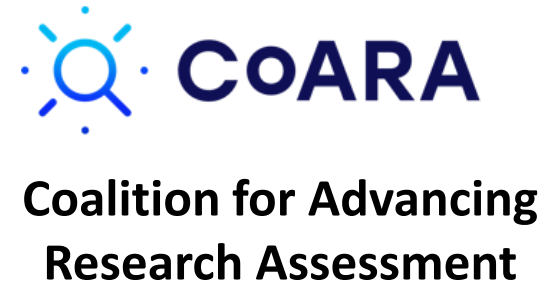


Agreement on Reforming Research Assessment
20 July 2022



**723 signatories
(18 April 2024)**

CoARA Constitutive Assembly
1 December 2022



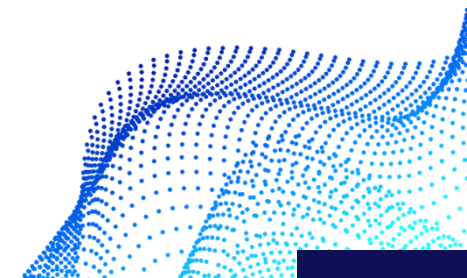
**637 CoARA members
(18 April 2024)**

- Signatories begin the process of reviewing/ developing criteria, tools, and processes following the principles/ commitments of ARRA
- Create a coalition
- Calls - CoARA WGs y National chapters

4 CORE COMMITMENTS



1. **Recognise the diversity of contributions** to, and careers in, research, in accordance with the needs and the nature of the research.
2. **Base research assessment primarily on qualitative evaluation for which peer-review is central**, supported by responsible use of quantitative indicators.
3. **Abandon the inappropriate uses in research assessment of journal- and publication-based metrics**, in particular the inappropriate uses of journal impact factor (JIF) and h-index.
4. **Avoid the use of rankings of research organisations** in research assessment.





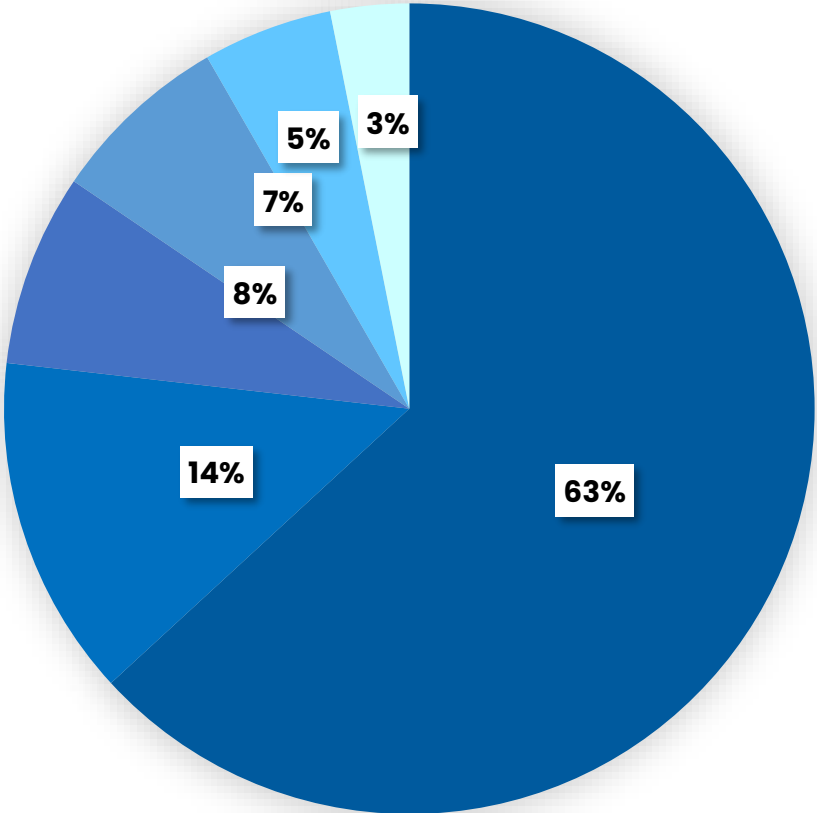
CoARA

Coalition for Advancing
Research Assessment



<https://coara.eu/coalition>

CoARA MEMBERSHIP BY TYPE OF ORGANISATION



In descending order of total share:

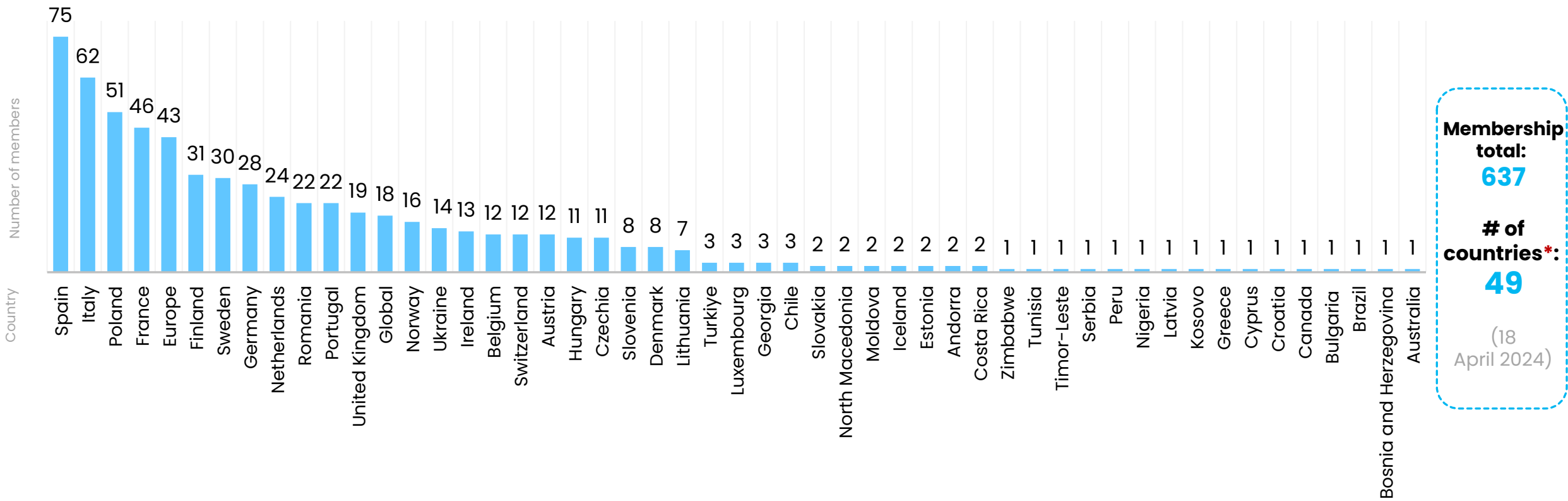
- Universities and their associations
- Research centres, research infrastructures, and their associations
- Academies, learned societies, and their associations, and associations of researchers
- Public or private research funding organisations and their associations
- Other relevant non-for-profit organisations involved with research assessment, and their associations
- National/regional authorities or agencies that implement some form of research assessment and their associations

637 member organisations

723 signatories

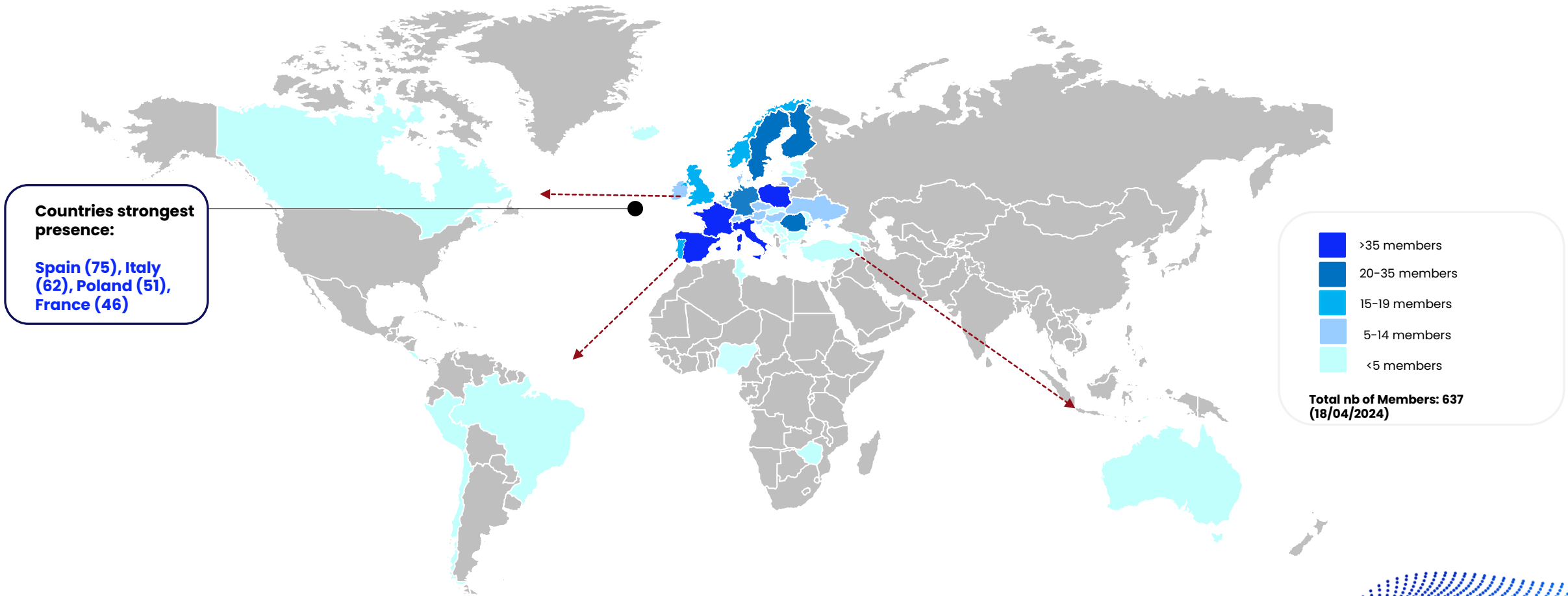
[18 April 2024]

CoARA MEMBERSHIP BY COUNTRY



*excl. pan-European and global organisations

CoARA membership 18th April 2024 International outreach goals



WORKING GROUPS

- Working Groups aim to **exchange** knowledge, **learn** mutually, **discuss and develop** outputs to advance research assessment and **help** implement members' commitments.
- They operate as '**communities of practice**', providing mutual learning and collaboration. Working Groups are identified and proposed **bottom-up** by members
- **13** Working Groups in total



OVERVIEW OF THE COARA WORKING GROUPS



Towards Open Infrastructures for Responsible Research Assessment



Multilingualism and language biases in research assessment



Recognizing and Rewarding Peer Review



Experiments in Assessment – Idea generation, co-creation, and piloting



Reforming Academic Career Assessment



Towards Transformations: Transdisciplinarity, Applied/Practice-Based Research, and Impacts



Early-and-mid-Career Researchers (EMCRs) – Assessment and Research Culture



1st WGs Co-Chair meeting 17 November 2023



Improving practices in the assessment of research proposals



Supporting the alignment of research assessment systems with CoARA in biomedical disciplines through administrative reforms and governance



Global framework for research evaluation in the social sciences and the humanities (SSH)



TIER – Towards an Inclusive Evaluation of Research



Ethics and Research Integrity Policy in Responsible Research Assessment for Data and Artificial Intelligence (ERIP)



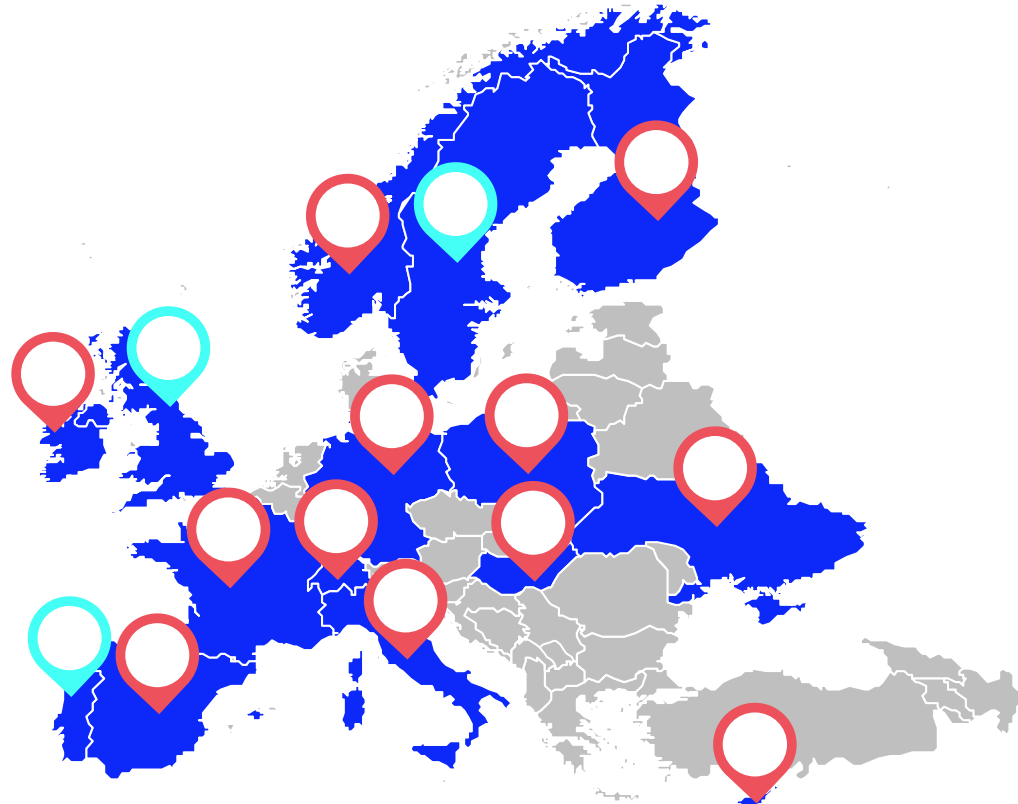
Responsible metrics and indicators

NATIONAL CHAPTERS



No cut-off date

-> monthly submission review

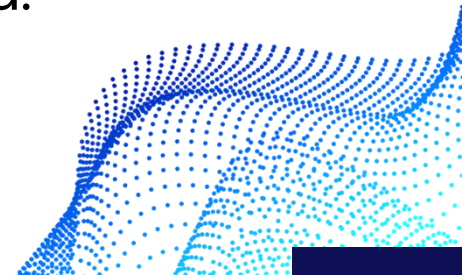


- Cyprus
- Finland
- France
- Germany
- Hungary
- Ireland
- Italy
- Norway
- Poland
- **Portugal**
- Spain
- **Sweden**
- Switzerland
- Ukraine
- **United Kingdom**

NATIONAL CHAPTERS



- Members are also invited to form/participate in **National Chapters**.
- National Chapters will contribute to CoARA's work by facilitating the **exchange of knowledge, mutual learning** and **discussions** on CoARA-relevant issues specific to different types of organisations of a **given country or group of countries**.
- National Chapters are proposed at the initiative of CoARA members.
 - Participation from members is voluntary.
 - Any CoARA member from the given country can participate in call for National Chapter.
 - No limit on the number of National Chapters that can be approved.
 - No more than one National Chapter approved per country/group.



JOIN AND ENGAGE!

Useful links:

- **CoARA website**
<https://coara.eu>
- [The governance documents](#)
- [The Agreement full text](#)
- [Sign the Agreement](#)
- [CoARA News](#)
- [FAQ](#)

Follow us!

  @CoARAssessment

 **Coalition for Advancing
Research Assessment**



CoARA Membership Newsletter – Sign Up

Questions?

Contact us at secretariat@coara.eu



CoARA

Coalition for Advancing
Research Assessment

Be part of the Coalition:
[click here](#) to sign the Agreement
and to choose to become a member



SIGNATORY

Optional
membership
+



MEMBER

ENDORSE PUBLICLY

Publicly signal the need and your willingness to reform the current ways of research assessment



ACHIEVE CHANGE

Realise change in your organisation by implementing the [10 CoARA commitments](#) through an action plan developed within your organisation

A circular icon containing a lightbulb and an upward-pointing arrow, representing the transition from signatory to member.

As a signatory you can level up to membership any time. There are no membership fees.

JOIN THE COMMUNITIES

Benefit from communities of practice; propose and join [Working Groups and National Chapters](#)



HAVE A VOICE

Shape CoARA's strategy by [participating in governance and decision-making](#)



NETWORK AND LEARN

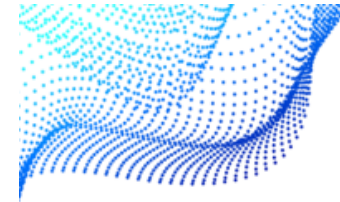
Interact and share good practices with the CoARA network of members



ACTION PLANS



https://zenodo.org/communities/coara_action_plans



Action Plan Guidelines

CoARA
Coalition for Advancing
Research Assessment



CoARA
Coalition for Advancing
Research Assessment

Action Plan

**And...
Action!**

All CoARA Agreement on Reforming Research Assessment signatories

-> agree to develop an Action Plan how CoARA core commitments will be implemented in their own organisations & share the Action Plan with community!

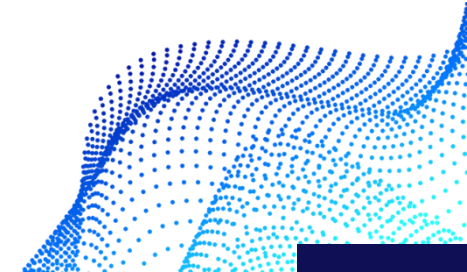
-> While having the full freedom in the development of an own Action Plan, we hope the supportive documentation on the website available for download will help you in tailoring to your needs:

<https://coara.eu/agreement/action-plan/>

SUPPORT FOR CoARA SIGNATORIES IN THE PREPARATION OF ACTION PLANS

This document is a resource to support signatories of the Agreement on Reforming Research Assessment and members of the Coalition for Advancing Research Assessment (CoARA) in preparing an action plan towards achieving the commitments they have signed up to.

<https://coara.eu/news/guidelines-for-action-plan-preparations-published>



BECOME A COARA SUPPORTER

We support



Supporter badges available soon

LIBRARIANS PLAINING THE EVALUATION GAME

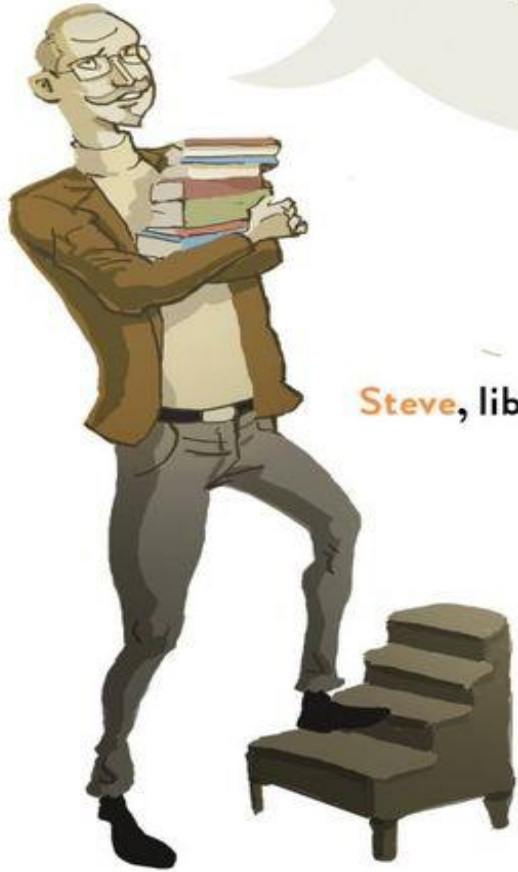
We support



CoARA
Coalition for Advancing
Research Assessment



“Do the publishers mock us? My university cannot afford journals subscriptions anymore.”



Steve, librarian

#access
#help
#management

Sounds familiar?

- ... We cannot afford APCs trick either [NOT equity]
- RaP & PaR → not the solution!!!
- Rewards System → Seduction
- Education → no false Friends
- Publications + Data → FAIR data

& reproducibility

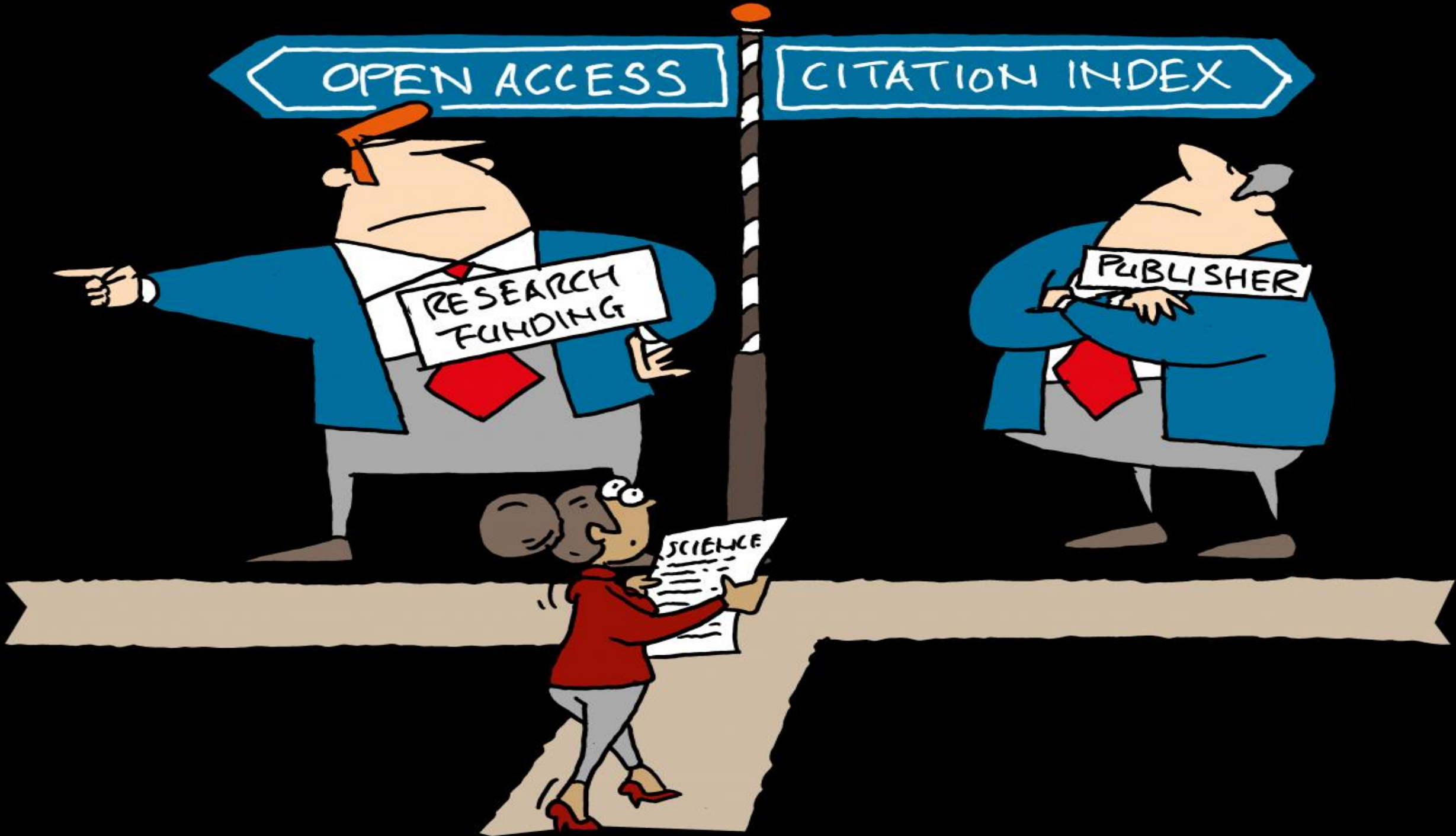
OPEN ACCESS

CITATION INDEX

RESEARCH
FUNDING

PUBLISHER

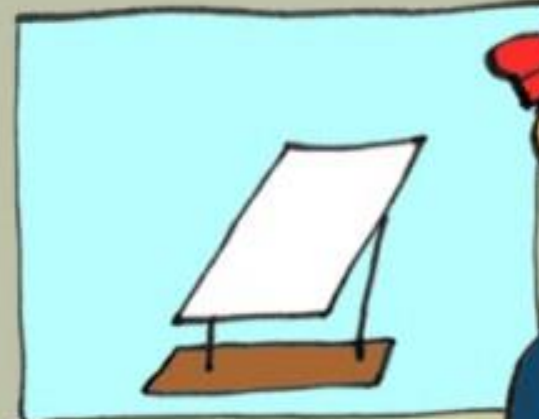
SCIENCE



MUSEUM



← SCIENCE IN THE MODERN ERA

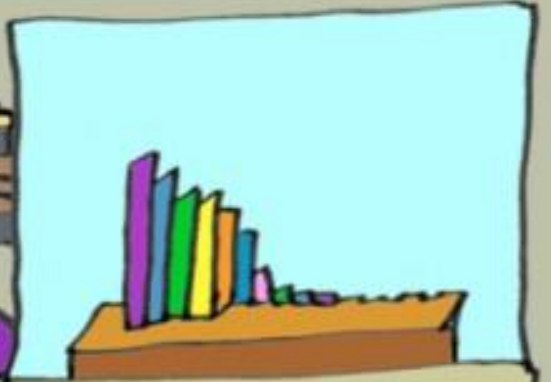


DISCOVERY OF THE INVERSE IMPACT LAW

COVID-19



BEFORE THE GREAT SUBSCRIPTION CRASH OF SCIENTISTS BELIEVED THE MORE INACCESSIBLE THE STUDY, THE GREATER THE IMPACT.

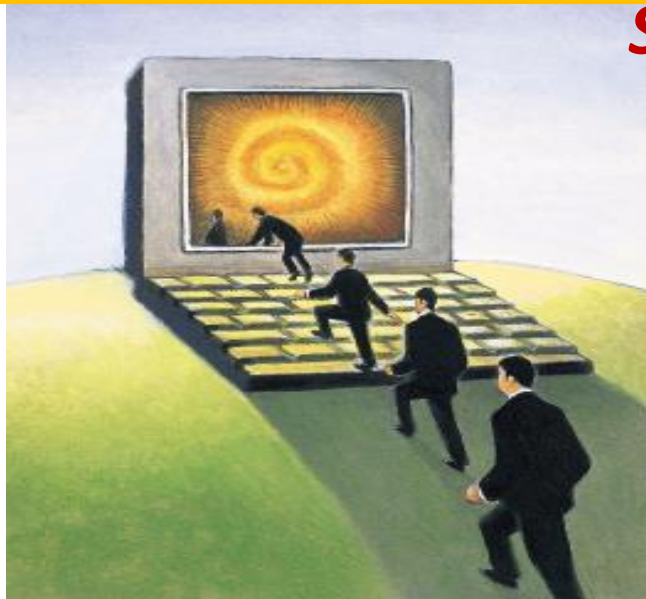


JOURNAL IMPACT FACTOR RANKING

MOTIVATORS OF WILL



SEDUCTION



Make it very easy...
Motivate...
Help...

We support



BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION

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A declaration focusing on the core business of libraries: the research information (data about research): metadata

- **4 COMMITMENTS:**

1. We will make openness the default for the research information we use and produce
2. We will work with services and systems that support and enable open research information
3. We will support the sustainability of infrastructures for open research information
4. We will support collective action to accelerate the transition to openness of research information

Based on -- CoARA does not promote, endorse, or sell commercial products, technologies, or services, but instead develops open and re-usable outputs.

Related projects



Next Generation Research Assessment to Promote Open Science

<https://cordis.europa.eu/project/id/101095129>

RIA: [HORIZON-INFRA-2022-EOSC-01](https://cordis.europa.eu/project/id/101095129)



OPUS helps reform the assessment of research towards a system that incentivise researchers to practice #OpenScience <https://opusproject.eu>

Final thoughts... in the new scenario for RRA



“Measure what is measurable,
and make measurable what is
not so.”

- *Galileo Galilei*

“Not everything that can be counted counts and not everything that counts can be counted”

William Bruce Cameron (Informal Sociology: A Casual Introduction to Sociological Thinking. Random House, 1963).

HOW DO WE REWARD RESEARCHERS?

WILL THE SAME REWARDS WORK for OS + RI?

DOES OS + RI really GO HAND IN HAND?

THE GROWING ROOTS of OPEN SCIENCE



WE ARE RESEARCHING with TAXPAYERS' MONEY WE

BACK.

PROF. DR. EVA MÉNDEZ



Thank you!

WE NEED SPECIALIST SKILLS TO TAKE TOWN



MANY HATS!

I AM PART of the SYSTEM AND I AM TRYING to CHANGE IT.

Culture CHANGE



OPEN SCIENCE

RII RESEARCH INTEGRITY

RII INFRASTRUCTURE

REWARDS SYSTEM

WHAT ARE YOU GOING TO DO?

- 1 REMOVE BARRIERS
 - 2 DEVELOP INFRASTRUCTURE
 - 3 SCIENCE IN SOCIETY
- CULTURE SKILLS ATTITUDE

FROM DECLARATION TO IMPLEMENTATION!

THE MESSAGE

"IF YOU WANT TO BE TENURED YOU MUST BE an excellent OPEN SCIENTIST"

INCENTIVISING Systemic CHANGE

87 RECOMMENDATIONS

F FINDABLE
A ACCESSIBLE
I INTEROPERABLE
R REUSABLE
data

8 PILLARS for OPEN SCIENCE in EUROPE

3 MOTIVATORS

<https://coara.eu>
@CoARAssessment

Contact:
info@coara.eu

