



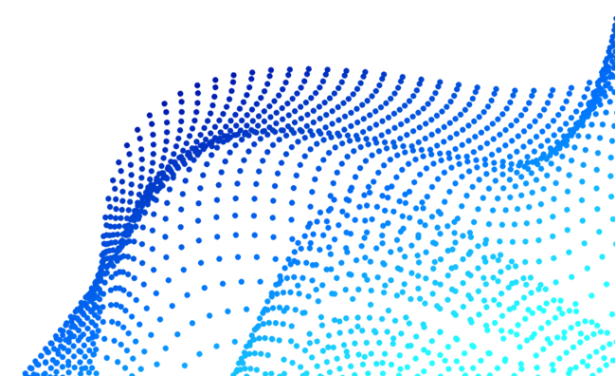
CoARA

HOW DOES THE BARCELONA DECLARATION ALIGN WITH THE VISION OF COARA?

12 November 2024

GraspOS Community of Practice

Janne Pölönen



ASSESSMENT REFORM MOVEMENT

For organizations that supply metrics
11. Be open and transparent by providing data and methods used to calculate all metrics



DORA

nature

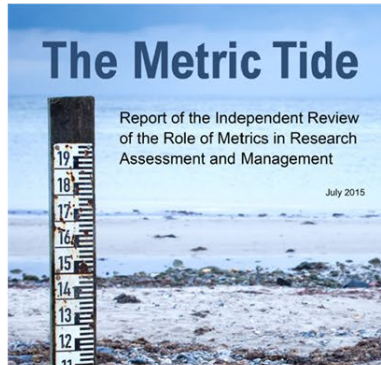
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nature > comment > article

Published: 22 April 2015

Bibliometrics: The Leiden Manifesto for research metrics

Hicks, Paul Wouters



PLOS BIOLOGY

OPEN ACCESS

ESSAY

The Hong Kong Principles for assessing researchers: Fostering research integrity

David Kohler, Lex Bouter, Sabine Kienert, Paul Glasziou, Mia Hui Sham, Virginia Barbour, Anne-Marie Coriat, Nicole F. Uehli-Ding

Published: July 16, 2020 • <https://doi.org/10.1371/journal.pbio.3000737>

Article Authors Metrics Comments Media Coverage

Abstract

Introduction
Principles
Principle 3. Reward the practice of open science (open research)
Discussion
Acknowledgments
References

Abstract

For knowledge to benefit research and society, it must be trustworthy. Trustworthy research is robust, rigorous, and transparent at all stages of design, execution, and reporting. Assessment of researchers' work should include considerations related to trustworthiness, rigor, and transparency. We have developed the Hong Kong Principles (HKPs) as part of the 6th W. Carlier
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BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



Commitment 1

We will make openness the default for the research information we use and produce

Assessment infrastructure is an essential non-profit open science service, which is governed and owned by the community

RoRI RESEARCH ON RESEARCH INSTITUTE

RoRI Working Paper No.3

The changing role of funders in responsible research assessment: progress, obstacles and the way ahead

Stephen Curry, Sarah de Rijcke, Anna Hatch, Dorsamy (Gansen) Pillay, Inge van der Weijden and James Wilsdon

November 2020

Produced in partnership with:



MAKING FAIRer ASSESSMENTS POSSIBLE

FINAL REPORT OF EDSC CO-CREATION PROJECTS
EUROPEAN OVERVIEW OF CAREER MENT SYSTEMS AND
VISION FOR RESEARCH DATA IN RESEARCH CAREERS



HIGH LEVEL POLICIES

UNESCO RECOMMENDATION ON OPEN SCIENCE

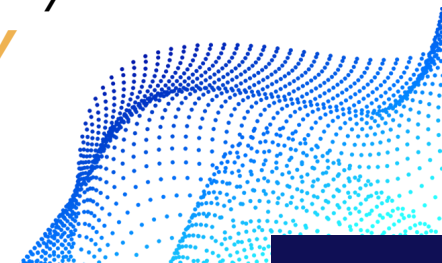
24 November 2021

- Member States... are recommended to engage actively in removing the barriers for open science.
- Assessment of scientific contribution and career progression rewarding good open science practices is needed for operationalization of open science.
- **Open science infrastructures** needed to support open science include **current research information systems, open bibliometrics and scientometrics systems** for assessing and analysing scientific domains.

COUNCIL CONCLUSIONS ON RESEARCH ASSESSMENT AND IMPLEMENTATION OF OPEN SCIENCE

10 June 2022

- *INVITES the Member States, the Commission and stakeholders to promote **independence, openness, reproducibility and transparency of the data and criteria** necessary for research assessment and for determining research impacts; CONSIDERS that data and **bibliographic databases used for research assessment should, in principle, be openly accessible and** that tools and technical systems should **enable transparency***



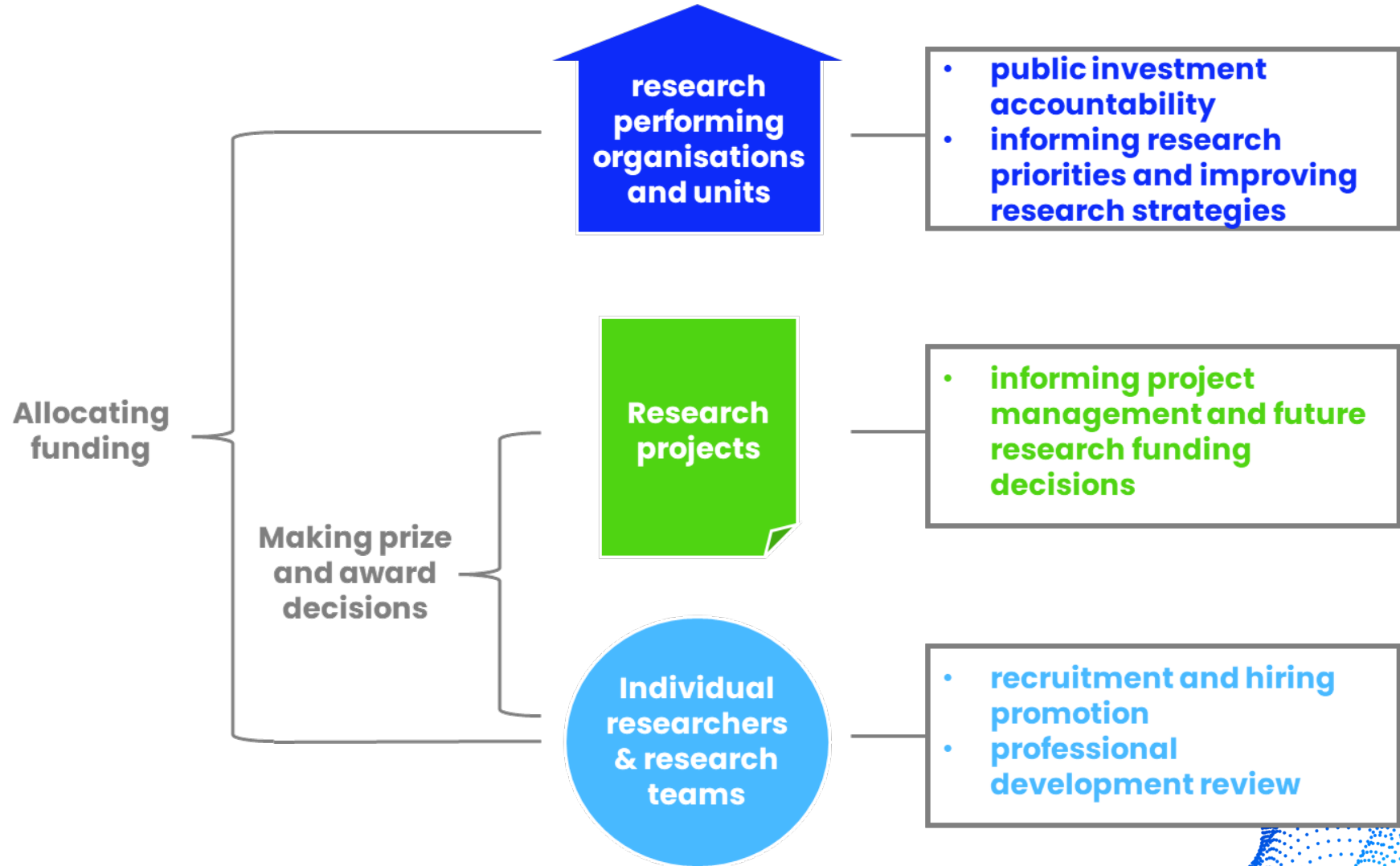
THE REFORM AGREEMENT AND COARA

- [The Agreement on Reforming Research Assessment](#) published in 20 July 2022, signed by ~800 organisations from over 50 countries (Europe and beyond)
- The Agreement includes the principles, commitments and **5 year timeframe for reforms with action plans**
- Agreement does not have any legally binding effect but it represents a public commitment to contribute actively and constructively to reforming research assessment
- Signatory organisations can apply to become members of [CoARA \(Coalition for Advancing Research Assessment\)](#) and join a community to facilitate the implementation of the assessment reform.



COARA VISION AND SCOPE

“Assessment of research, researchers and research organisations **recognises the diverse outputs, practices and activities that maximise the quality and impact of research**”.



COARA PRINCIPLES FOR OVERARCHING CONDITIONS

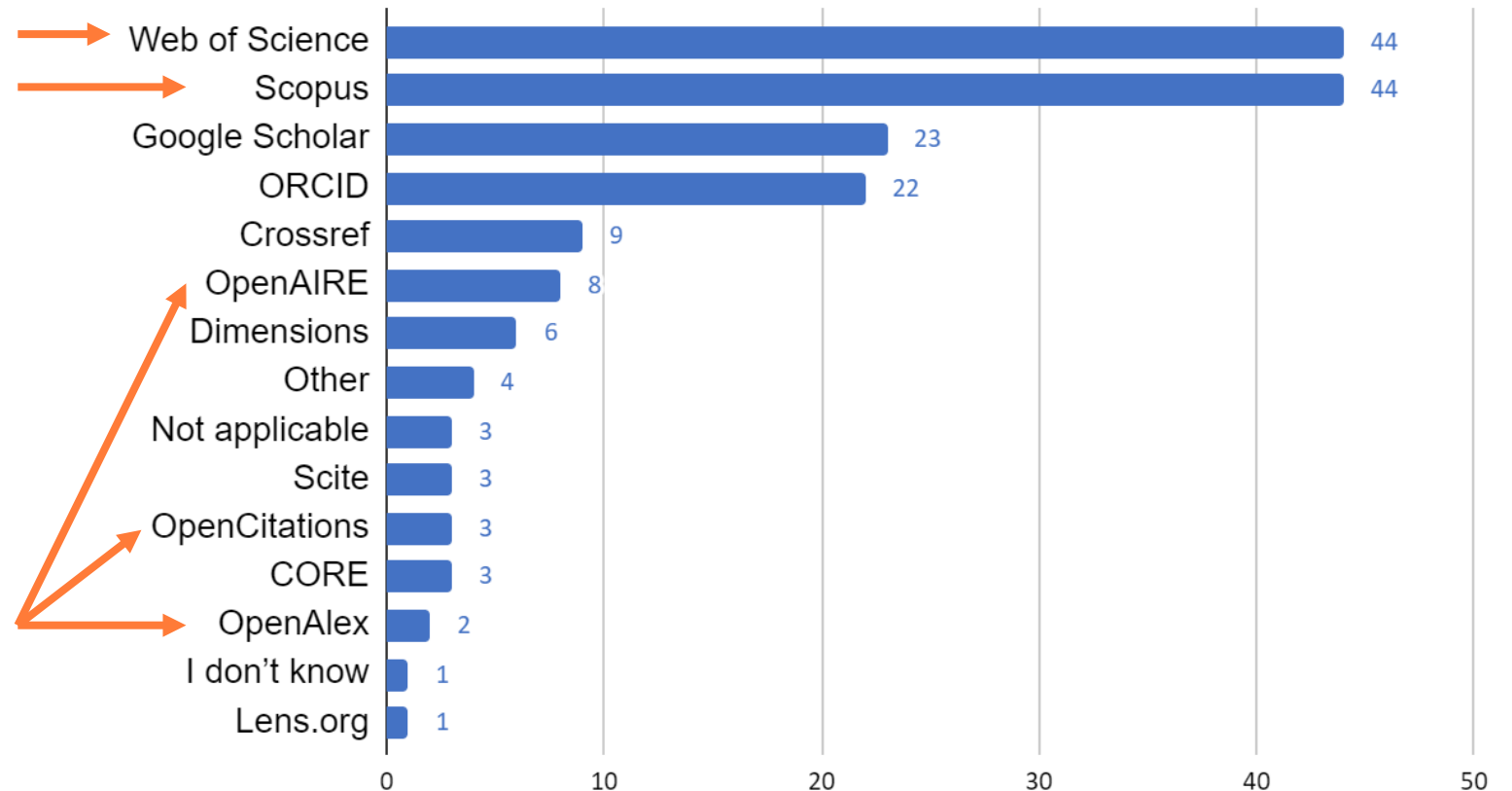
- Comply with ethics and integrity rules and practices and ensure that ethics and integrity are... never compromised by any counter-incentives.
- Safeguard freedom of scientific research.
- Respect the autonomy of research organisations.
- **Ensure independence and transparency of the data, infrastructure and criteria necessary for research assessment and for determining research impacts**; in particular by clear and transparent data collection, algorithms and indicators, **by ensuring control and ownership by the research community over critical infrastructures and tools**, and by allowing those assessed to have access to the data, analyses and criteria used.

GRASPOS SURVEY (SPRING 2023)

54 RESPONDENT ORGANISATIONS (RO) FROM 19 EUROPEAN COUNTRIES

- Most ROs use commercial Web of Science (WoS) and Scopus databases (82%) for data supporting assessments
 - almost all these ROs (41) use both databases
- Around 40% used also Google Scholar and ORCID, and 9 other sources are mentioned
 - no RO relied only on sources other than WoS and Scopus

21a. Which of the following global data sources are used for research assessment at your institution?

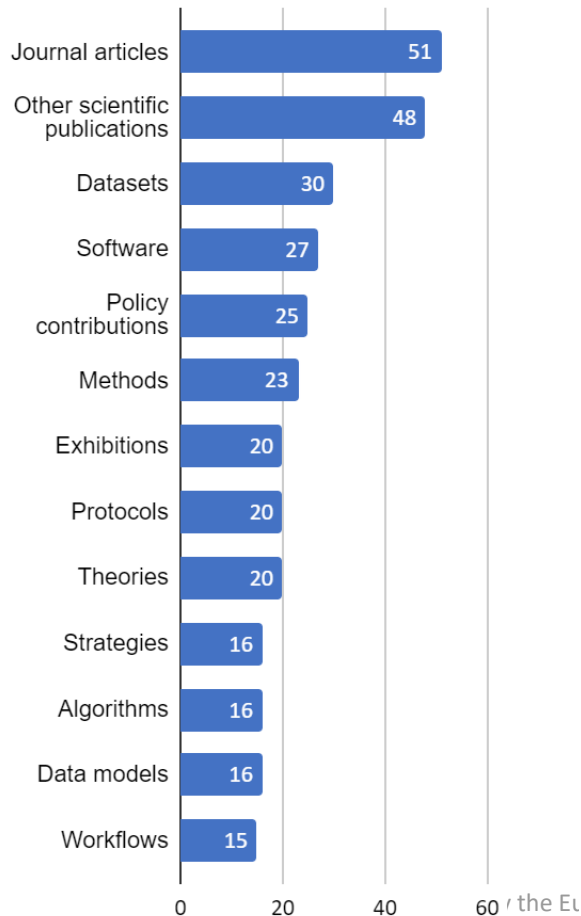


Anna-Kaisa Hyrkkänen, Dragan Ivanović, Janne Pölönen, Marita Kari, & Elina Pylvänäinen. (2023). Graspos Deliverable D2.1 "OS-aware RRA approaches landscape report". Zenodo. <https://doi.org/10.5281/zenodo.11098095>

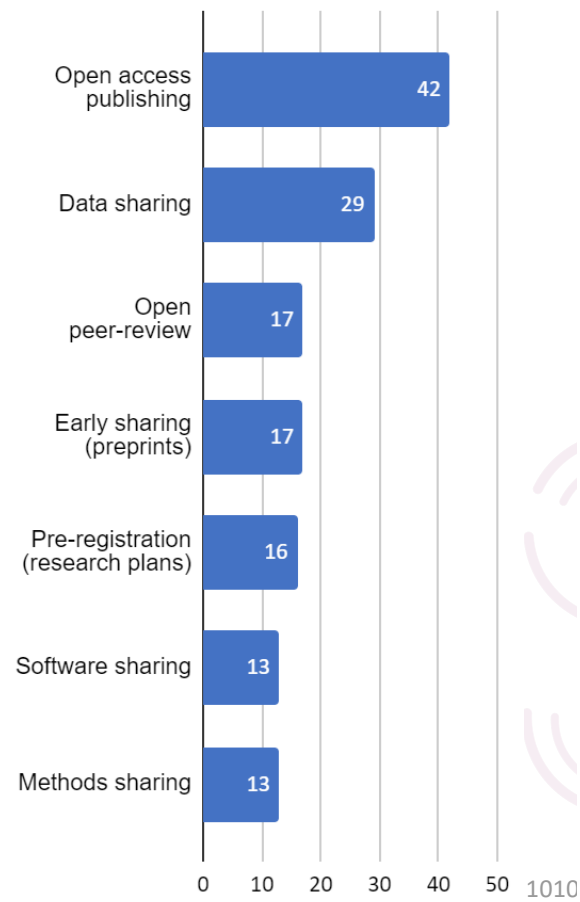
RECOGNIZING DIVERSITY

What outputs and practices “are taken into account in research assessment at your institution at the moment?”

10a. Types of research outputs



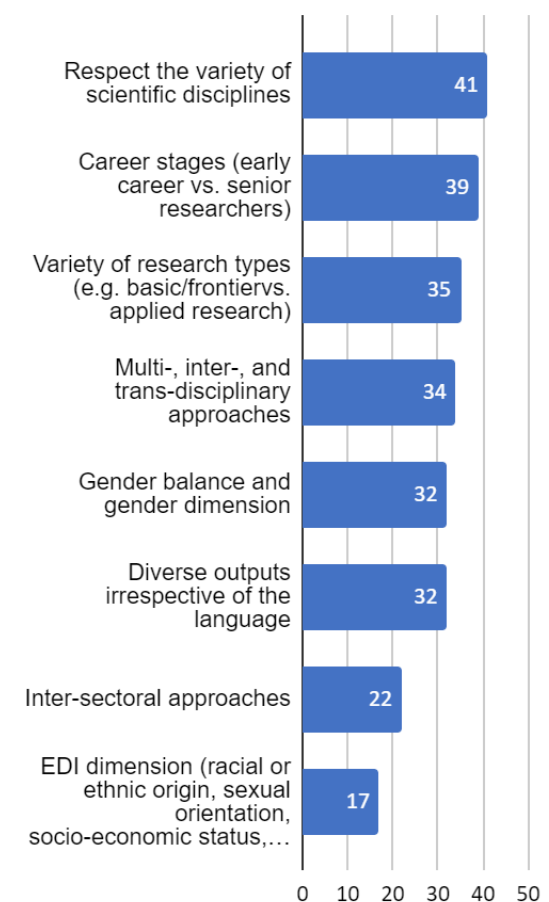
11a. Practises contributing to robustness, openness, transparency



13a. Diverse research activities, practices and roles

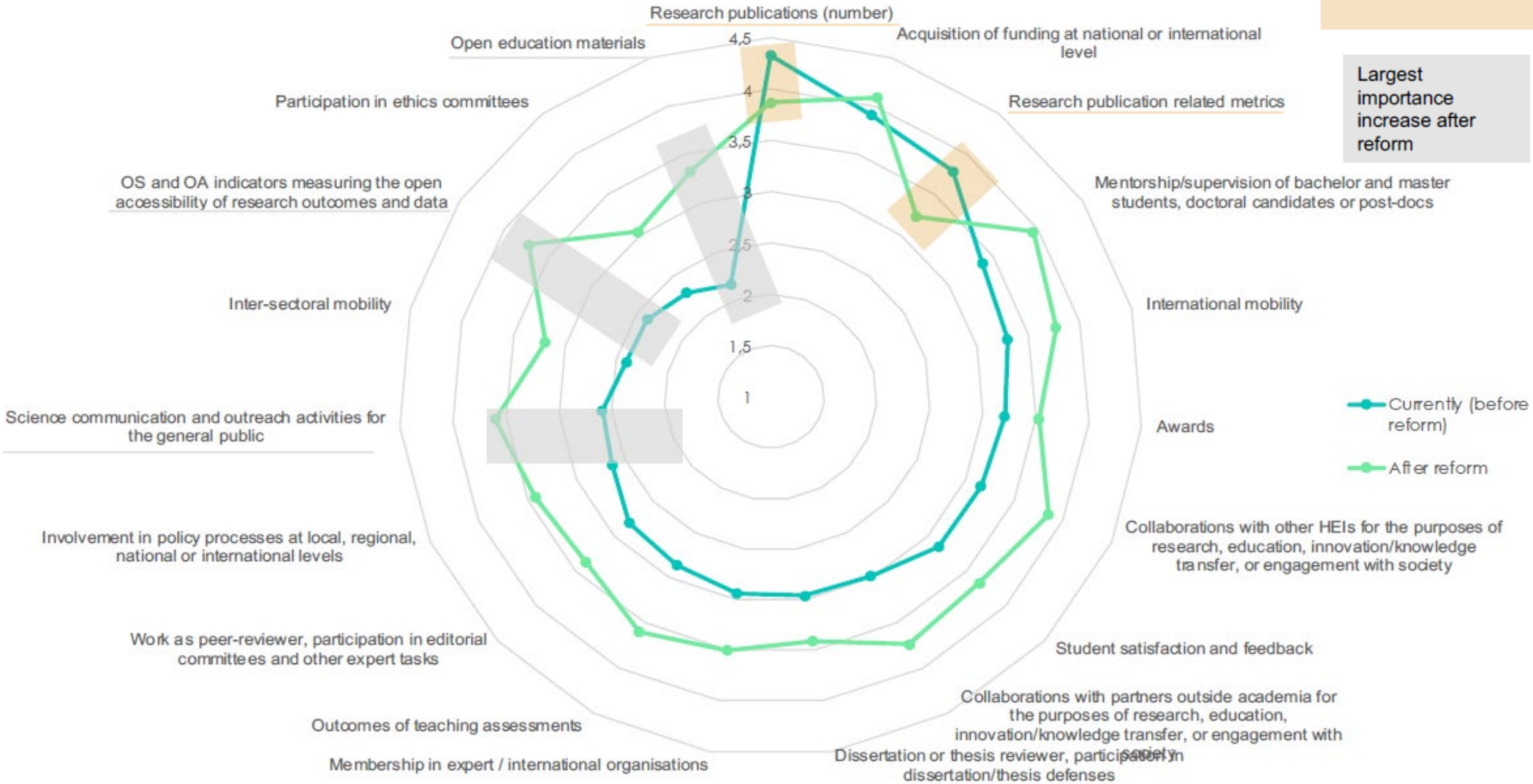


12a. Practises contributing to the inclusiveness of research

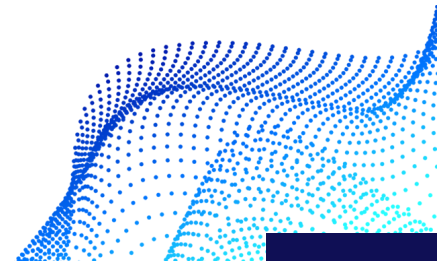


INDICATORS FOR ACADEMIC CAREERS

(AVERAGE: 1= VERY LOW IMPORTANCE; 5= VERY HIGH IMPORTANCE)



- [CoARA WG ACA Survey to organisations spring 2024](#)
- 236 respondent organisations, of which 192 are planning or developing reform processes
- This question: number of respondent organisations 174-185/192.

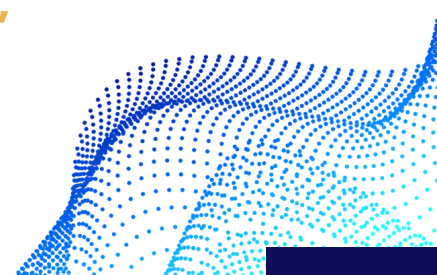




We will make openness the default for the research information we use and produce

COARA CORE COMMITMENTS

1. Recognise the diversity of contributions to, and careers in, research in accordance with the needs and nature of the research
 - **more inclusive research information on diverse contributions and impacts**
2. Base research assessment primarily on qualitative evaluation for which peer review is central, supported by responsible use of quantitative indicators
 - **more independent, transparent and robust research information**
3. Abandon inappropriate uses in research assessment of journal- and publication-based metrics, in particular inappropriate uses of Journal Impact Factor (JIF) and h-index
 - **research information for holistic assessment beyond measuring productivity**
4. Avoid the use of rankings of research organisations in research assessment
 - **research information for situated, contextualized, mission-oriented “excellence”**



JOIN AND ENGAGE!

Useful links:

- CoARA website
<https://coara.eu>
- The governance documents
- The Agreement full text
- Sign the Agreement
- CoARA News
- FAQ

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 Coalition for Advancing
Research Assessment



CoARA Membership Newsletter – Sign Up

A question?

Contact us at secretariat@coara.eu