



SCIENCE
EUROPE
Shaping the future of research

OPEN SCIENCE AND RESEARCH ASSESSMENT REFORM

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Map of Science Europe Member Organisations

01	FWF Der Wissenschaftsfonds.	02	ÖAW ÖSTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN	03	fnls LA LIBERTÉ DE CHOISIR	04	fwo Forschungsinstitut Österreichischer Wissenschaftsrat
05	HEALTH RESEARCH BOARD	06	HRZZ Croatian Science Foundation	07	GAČR VĚDEČNÝ ÚSTAV ČESKÉ REPUBLIKY	08	INDEPENDENT RESEARCH FUND DENMARK
09	Danmarks Grundforskningsfond Danish National Research Foundation	10	Estonian Research Council	11	ACADEMY OF FINLAND	12	anr agence nationale de la recherche
13	DFG Deutsche Forschungsgemeinschaft German Research Foundation	14	ELKH Eötvös Loránd Research Network	15	Research Council of Ireland	16	rannis
17	HRB Health Research Board	18	IRISH RESEARCH COUNCIL An Chomhairle um Thuairiscín agus Eolas	19	Science Foundation Ireland For world's best	20	INFN Istituto Nazionale di Fisica Nucleare
21	Lietuvos mokslų taryba	22	Lietuvos mokslų taryba	23	NRC	24	NWO
25	Research Council of Norway	26	FNP Foundation for Polish Science	27	NATIONAL SCIENCE CENTRE	28	ICTP Istituto Nazionale di Fisica Nucleare
29	ufiscdi	30	Science Fund of the Republic of Serbia	31	SLOVAK RESEARCH AND DEVELOPMENT AGENCY	32	ariss SLOVAKIAN RESEARCH AGENCY
33	CONICET	34	CSIC CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS	35	iC Institute for Solid Carbon	36	FORTE Swedish Research Council for Health, Working Life and Welfare
37	FORMAS	38	Veterinärparlamentet	39	Swiss National Science Foundation	40	NATIONAL RESEARCH FOUNDATION OF UKRAINE
41	UK Research and Innovation						



RESEARCH FUNDING ORGANISATION
 RESEARCH PERFORMING ORGANISATION

30
countries

With members from 30 EU and non-EU countries and from all parts of Europe, we speak with a truly European voice.

41
member organisations

Bringing together research funding and research performing organisations.

22.4
bn €

spent on research per year by our members

Our members make a significant contribution to European scientific research and are crucial stakeholders in European science and research policymaking



**SHAPE EUROPEAN RESEARCH
POLICY DEVELOPMENTS**



**CONTRIBUTE TO THE EVOLUTION
OF RESEARCH CULTURE**



**STRENGTHEN THE ROLE AND CONTRIBUTION
OF SCIENCE IN TACKLING SOCIETAL CHALLENGES**



IT'S ABOUT PURPOSE, NOT PROCESS

- Equitable open science
- Research assessment reform

... are a **means to an end**, rather than being the goal in and of themselves

- Policy and public sector nexus
- Global outlook

... are **key context factors**

FOCUS ON POSITIVE RESEARCH CULTURES



POLICY AND PUBLIC SECTOR NEXUS

Public research sector becoming **increasingly ambitious in its scope and long-term goals** for positive research cultures, equitable open science, and research assessment reform

- [Coalition for Advancing Research Assessment](#) (Dec 2022)
- [Action Plan for Diamond OA](#) (Mar 2022)
- Open Science Policy Platform (OSPP) [recommendations](#) (Apr 2018) and [final report](#) (Apr 2022)

An **unprecedented political consensus** in support of open research practices has formed between EU institutions and national governments

- European Commission communications ([2020](#)) and Council of the European Union conclusions ([2022](#), [2023](#)) illustrate broad support for open science and research assessment reform
- Open Science [policies by Science Europe members and national governments](#)

GLOBAL OUTLOOK



WHAT IS EQUITABLE OPEN SCIENCE?

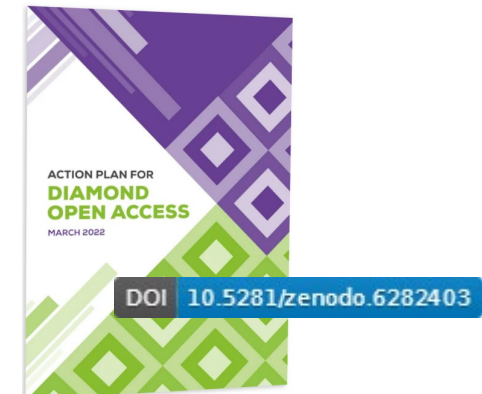
Science Europe is dedicated to promoting **open science as an integral component of an effective research system**. This objective is part our collective responsibility to shape the future of research within Europe and beyond.

- **Open and seamless collaboration** between actors involved in the research process – ensure **all research communities** can take part
- **Meaningful involvement** of societal actors whenever relevant in the research process – ensure **all segments of society** can benefit



DIAMOND OPEN ACCESS

- ‘Diamond’ open access refers to a scholarly publication model in which **journals and platforms do not charge fees to either authors or readers**
- Science Europe provided **seed money for a study on diamond OA journals** (2021). Upon its publication, this consequential study set in motion public sector engagement in and political support for diamond open access.
- The ‘Action Plan for Diamond OA’ (2022) aims to **substantially increase the capacity of Diamond journals to provide innovative, valid, reliable, and accessible publishing services**. It is the next step in the collective process to strengthen Diamond OA.



WHY RESEARCH ASSESSMENT REFORM?

- Research assessment represents a **core activity** of Research Funding and Research Performing Organisations. It shapes many aspects of the research landscape and exerts influence over how research is performed and disseminated.
- Science Europe and its members **recognise the need for systemic changes** to the way research, researchers, and research organisations are assessed
 - Starting with a Science Europe study (2019) and position (2020)
 - Recently arriving at the establishment of CoARA (2022)



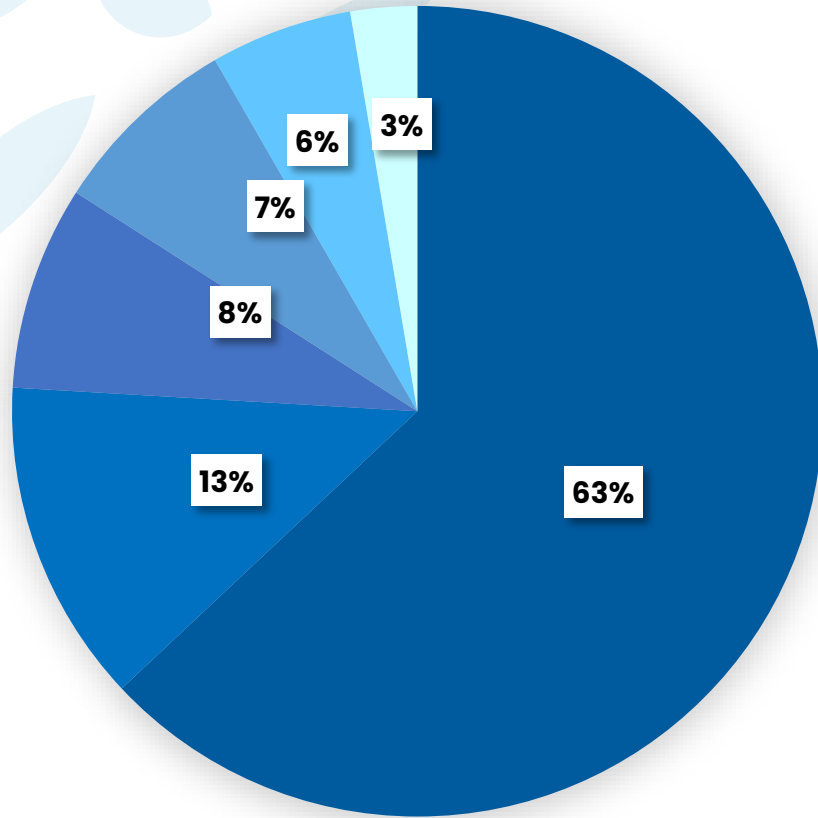
AGREEMENT ON REFORMING RA

- 'Agreement on reforming research assessment' published on 20 July 2022
- The agreement sets a **shared direction for changes in assessment practices for research, researchers, and research performing organisations, with the goal to maximise the quality and impact of research**. It includes principles, commitments, and timeframes for reforms and lays out principles for a coalition of organisations willing to work together in implementing the changes.

AGREEMENT ON REFORMING RESEARCH ASSESSMENT

20 July 2022

CoARA MEMBERSHIP



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

565 member organisations

644 signatories

(26 October 2023)

CoARA 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

RECOGNISING WHAT WE VALUE?

- **Practical recommendations and good practice examples** detailing how research organisations can continuously improve the way they assess research and researchers
- The recommendations help to **embed our shared values** and contribute to the evolution of research cultures in Europe



Which contributions?



'publish or perish'



???

Who contributes?



Focus on first authors
and principal
investigators



???

What is quality?



Publishing in
prestigious journals



???

Which contributions?



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Who contributes?



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What is quality?



Publishing in
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Which contributions?



'publish or perish'



Focus on the content of research / integrity / open science

Who contributes?



Focus on first authors and principal investigators



Teams / collaborative efforts / leadership / collegiality

What is quality?



Publishing in prestigious journals



All values contribute to quality

THANK YOU!

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