

Magyar Nyílt Tudományos Fórum XIII.

2026. február 6.

A nemzetközi CoARA munkacsoportok eredményei

Coalition for Advancing Research Assessment

BALLA ANDREA – MTA, CoARA Magyar Munkacsoport társelnök



A kutatásértékelés reformjának szükségessége

- A főként publikációs mutatókra támaszkodó értékelési gyakorlatok figyelmen kívül hagyják a tudományos hozzájárulás sokszínűségét, és negatívan befolyásolhatják a kutatások minőségét és hatását.
- Egészségtelen kutatási kultúrához és nem etikus publikációs gyakorlatokhoz vezethetnek.

Ábra forrása: ERIP munkacsoport, 2025, DOI [10.5281/zenodo.17308055](https://doi.org/10.5281/zenodo.17308055)

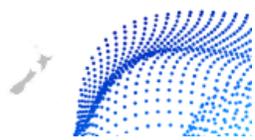
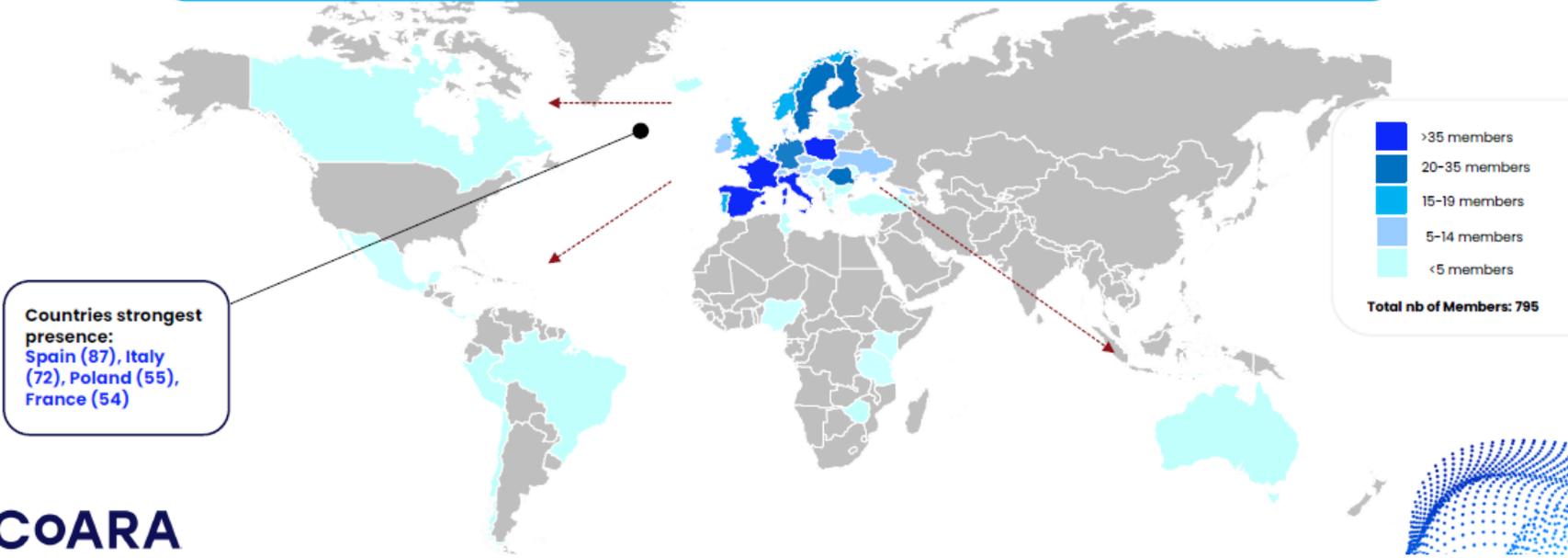


CoARA tag- és aláíró szervezetek

344 European members in 2022 at the constituting assembly



795 global members & 916 signatories to date



CoARA megállapodás: 4 fő kötelezettségvállalás

1



A kutatáshoz való **hozzájárulások és a kutatói pályafutás sokféleségének** elismerése a kutatás igényeinek és jellegének megfelelően

2



A kutatás értékelését elsősorban a **minőségi (kvalitatív) értékelésre** alapozzuk, amelynél a **szakértői értékelés (peer review)** központi szerepet játszik és amelyet a **mennyiségi (kvantitatív) mutatók felelős használata** támogat

3



A folyóirat- és publikáció-alapú **mérőszámok**, különösen az **impaktfaktor** és a **Hirsch-index (h-index) túlhasználatának** elhagyása a kutatásértékelésében

4



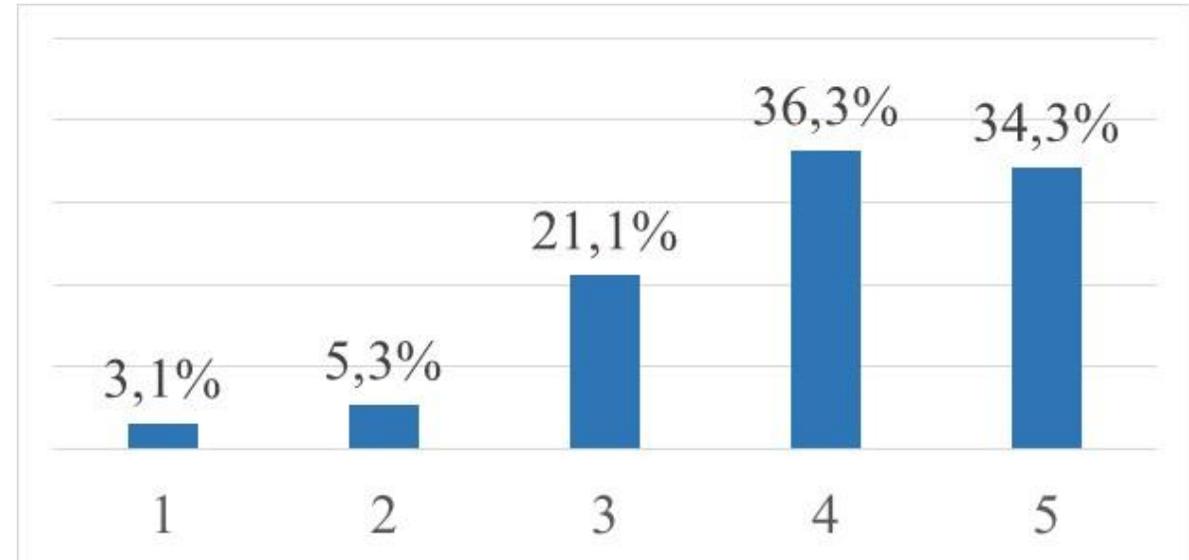
Kerülni kell a kutatási szervezetek **rangsoraiban** alkalmazott metrikák használatát az egyéni kutatók és kutatások értékelésében

MTA-FKA kutatói felmérés

Egyetértenek-e a kutatók a CoARA alapelveivel?

„Ön mennyire ért egyet azzal, hogy a kutatásértékelésnek elsősorban olyan minőségi (kvalitatív) értékelésen kell alapulnia, amelyben a szakértői értékelés (peer review) központi szerepet játszik, és amelyet a mennyiségi (kvantitatív) mutatók felelős használata támogat?”

https://mta.hu/data/dokumentumok/egyeb_dokumentumok/2025/kutatok_helyzete_osszefoglalo_2025_11.pdf



A CoARA elvek alkalmazásának fontossága (átlagpontszám 3,9) (1 – egyáltalán nem ért egyet; 5 – teljes mértékben egyetért)

CoARA - 4 pillér

TAGSZERVEZETEK ÉS EGYÉNI VÁLLALÁSOK



- 787 tagszervezet számos akciótervvel
- Félúton az 5 éves mérföldkő felé
- Tudásmegosztás rendezvényeken a haladás megjelenítésére és a szinergiák elősegítésére

NEMZETI FEJEZETEK A COARA SOKSZÍNŰSÉGÉÉRT ÉS EGYSÉGÉÉRT



- 19 nemzeti fejezet eddig
- Platformok a szinergiák kialakításához és a nemzeti reformok intézményi változásokon túli megvalósításához

MUNKACSOPORTOK



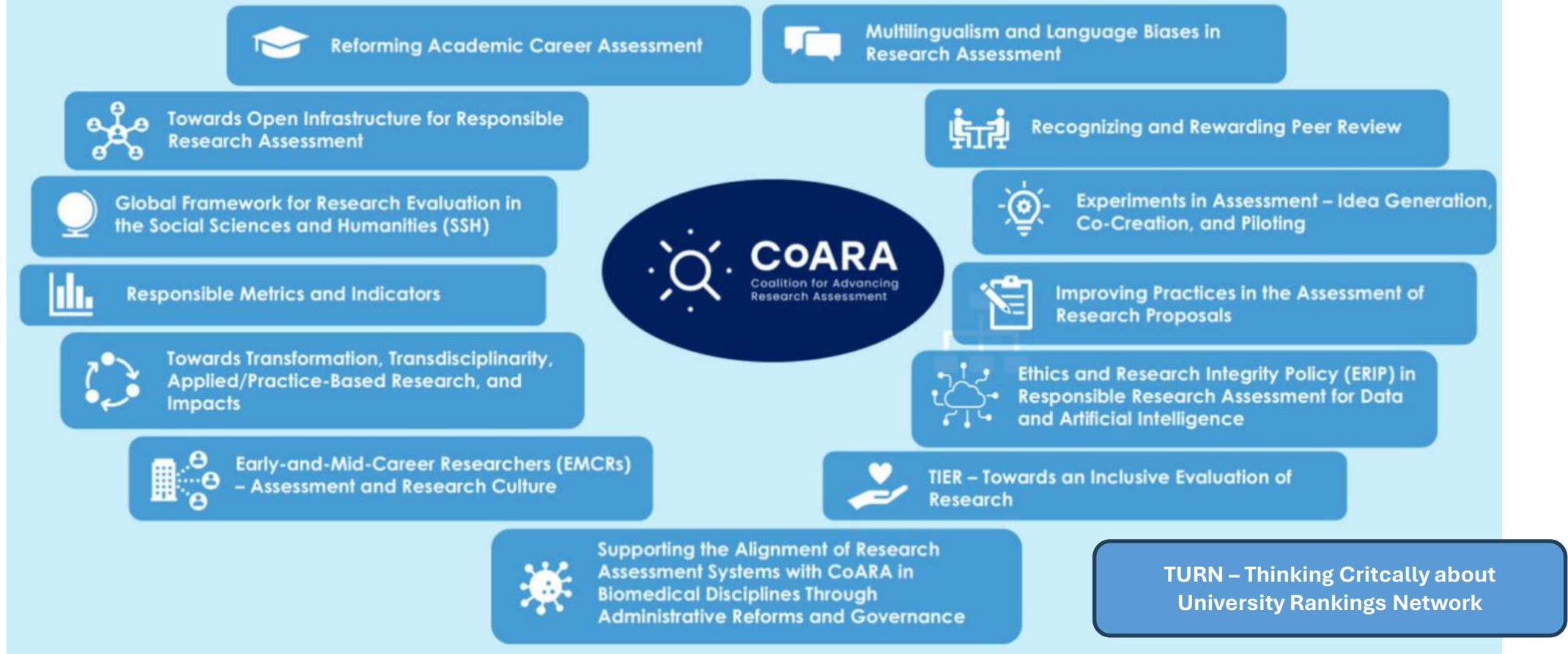
- 10 munkacsoport teljesítette mandátumát
- 2025 szeptember - a munkacsoportok létrehozásának második hulláma
- Az eredményekkel kapcsolatos konszenzus kialakítása jóváhagyási eljárások révén

CASCADE FUNDING FINANSZÍROZÁSI LEHETŐSÉG SEGÍTI A REFORMOKAT ÉS AZ INTÉZMÉNYI VÁLTOZÁSOKAT



- 2025 decemberében zárultak az első finanszírozott projektek
- Összesen 53 projekt kapott támogatást az ARRA (Agreement on Reforming Research Assessment) vállalásainak megvalósításához különböző földrajzi és intézményi kontextusokban.

CoARA Working Groups



<https://www.coara.org/wg-nc/working-groups/>



Improving Practices in the Assessment of Research Proposals

„A kutatási pályázatok értékelési gyakorlatának fejlesztése” munkacsoport

Discussing Ways to Implement ARRA Commitments 1, 2
and 3 in Research Funding Criteria, Procedures and
Culture, 2025, DOI [10.5281/zenodo.17977045](https://doi.org/10.5281/zenodo.17977045)

Reflect on whether your programmes, calls and competition spaces are sufficiently open for a diverse range of contributions and activities (Section 2.1)

Design your proposal and CV forms to encourage a broad variety of research outputs, activities, and career trajectories (Section 2.4)

Reflect on whether your review criteria are sufficiently open for a diverse range of contributions and activities (Section 2.1)

Be as clear and transparent as possible in the description of your criteria and your processes (Section 2.2)

As a funder, be as explicit and self-reflective as possible in all your decisions regarding assessment (premise of WG)

Identify, avoid and counter conservative biases in your assessment procedures (Section 2.6)

Recognize the importance of a diverse pool of reviewers (Section 2.3)

Reflect on the different roles in assessment: reviewers, panelists, rapporteurs, chairs and science officers contribute in different ways (Section 3.4.2)

When searching for reviewers for a given proposal, make sure that all aspects of the proposal are covered with suitable expertise (Section 3.2 and other sections)

Encourage deep qualitative review through the guidance and training of reviewers (Section 3.4)

Make the work of reviewers as interesting as possible (Section 3.3.2 and other sections)

Provide review panels with sufficient time and resources to enable deep, qualitative review (Sections 3.3.1 to 3.3.5)

Consider an applicant's qualifications and past contributions not in their own right, but in the context of the proposal (Section 2.5)

Welcome applicants with non-linear career paths (Section 2.9)

Encourage applicants, wherever appropriate, to reflect on sex, gender and other diversity dimensions in the project design (scientific content) (Section 2.7)

Consider incentivizing open science practices (Section 2.8)

In your feedback to applicants, give reasons for the decision and show your commitment to responsible research assessment (Section 3.4.1)

... more ideas in
the following sections



Towards Open Infrastructure for Responsible Research Assessment (OI4RRA)

Nyílt tudományos
infrastruktúrák a felelős
kutatásértékelésért

Open Infrastructure Checklist for Research Organisations (including RPOs and RFOs)

A practical guide for research managers, funding officers, library and IT personnel to evaluate and select Open Infrastructures and services that align with Responsible Research Assessment, Open Science practices, and organisational priorities.

Strong & Reliable Technology

1. **High-quality Data** - Regularly updated, verified, and inclusive across disciplines.
- Transparent & Open** - Assessment methods, indicators, and workflows are documented, auditable, and reproducible.
- Interoperable** - Supports PIDs (ORCID, DOI, ROR), open APIs, and metadata standards to integrate with research systems.
- Scalable & Adaptable** - Handles large datasets, integrates new policies and evolving research needs.
- No Black-box AI** - AI-driven assessments are explainable, auditable, and free from bias.
- Secure by Design** - Includes robust cybersecurity safeguards to protect institutional systems and research data.
- Decision Traceability** - Supports end-to-end, tamper-proof audit trails that document actions, evaluations, and decisions across research management, assessment, or funding workflows (*critical for RFOs; applicable for RPOs as needed*).



Towards Open Infrastructure for Responsible Research Assessment (OI4RRA)

Nyílt tudományos infrastruktúrák
a felelős kutatásértékelésért

2 Aligned with Institutional Research Policies

- ✓ **Clear & Open Workflows** – Structured, transparent, and easy to audit.
- ✓ **Recognizes all Research Contributions** – Supports datasets, software, policy impact, community engagement, and mentoring.
- ✓ **Customizable** – Aligns with institutional policies and research priorities.
Reduces Workload – Uses automation to streamline data collection and reporting.
- ✓ **Support & Training** – Provides helpdesks, documentation, and capacity-building resources.

3 Governance & Institutional Control

- ✓ **Community-owned & Non-profit** – Managed by universities, research institutions, or academic consortia, not private corporations.
- ✓ **Stakeholder Involvement** – Institutions, researchers, and funders have a clear role in governance.
- ✓ **Equitable & Inclusive** – Accessible across languages, disciplines, and underrepresented research communities.
- ✓ **Sustainable Funding** – Funded through public or consortial sources, avoiding reliance on commercial interests.
- ✓ **Transparent Decision-making** – Clear policies and governance structures with oversight mechanisms in place.



Towards Open Infrastructure for Responsible Research Assessment (OI4RRA)

Nyílt tudományos infrastruktúrák
a felelős kutatásértékelésért

Ethical & Responsible Research Assessment

4

- ✓ **Fair & Transparent Metrics** – Avoids journal impact factor as the sole indicator, aligns with responsible research assessment principles.
- ✓ **Secure & Compliant** – Meets privacy laws (e.g., GDPR) and institutional data policies.
- ✓ **No Bias** – Prevents disciplinary, institutional, geographic, or gender bias in evaluations.
- ✓ **Accountability & Oversight** – Includes review processes, appeal mechanisms, and governance oversight.
- ✓ **Conflict-of-Interest Integrity** – Provides structured COI disclosures, transparent documentation of COI handling, and safeguards to ensure fair reviewer, panel, or committee assignment across assessment or decision-making processes (*critical for RFOs; applicable for RPOs as needed*).

Risks to consider: When to Reconsider an Open Infrastructure

- ✗ **Opaque decision-making** – No clear governance structure or transparency.
- ✗ **Unexplainable AI-driven assessments** – No clarity on how AI influences rankings or funding.
- ✗ **Corporate dependence** – Heavy reliance on commercial funding without sustainability plans.
- ✗ **Lack of interoperability** – No PIDs, open APIs, or standard research tracking.
- ▶ If any of these apply, reconsider using the infrastructure.



Towards Open Infrastructure for Responsible Research Assessment (OI4RRA)

Quick Decision Guide

- ✓ **If all criteria are met:** The infrastructure is transparent, responsible, and institution-ready.
- ✗ **If any are missing:** Seek alternatives that align with institutional research priorities.

Why This Checklist Matters

This checklist ensures institutions select Open Infrastructures that are:

- ✓ **Transparent & Responsible** – No hidden processes or black-box AI.
- ✓ **Community-Governed** – Academic-led, not commercially controlled.
- ✓ **Sustainable & Future-Proof** – Financially stable and adaptable.
- ✓ **Interoperable** – Works with global research standards and systems.

Use this checklist to transform your institution with Open Science and Responsible Research Assessment!

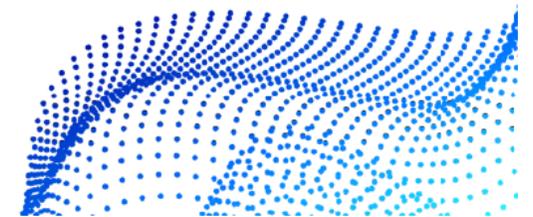
Open Infrastructure Checklist for Research Performing and Research Funding Organisations, 2025, DOI [10.5281/zenodo.17699723](https://doi.org/10.5281/zenodo.17699723)



Implementation proposal for language-aware assessments

WORKING GROUP ON MULTILINGUALISM AND LANGUAGE
BIASES IN RESEARCH ASSESSMENT

**A nyelvi sokszínűség szerepe és a nyelvi akadályok
lebontása a tudományos teljesítmény megítélésében**



DOI [10.5281/zenodo.17256826](https://doi.org/10.5281/zenodo.17256826)



Reforming Academic Career Assessment (ACA)

A kutatói életpálya
értékelésének reformja

DOI [10.5281/zenodo.14548105](https://doi.org/10.5281/zenodo.14548105)



Good practices – NOR-CAM - The Norwegian Career Matrix

A *holistic framework* accommodating the full breadth of academic activities across different kind of institutions; RPO's as well as funders.

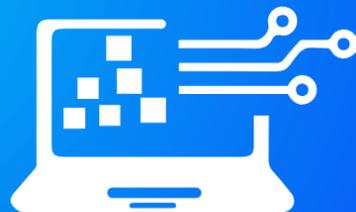
A *toolbox*. Hence, all “tools” are not used all the time. Use only the tools that are relevant for the job/context.

Flexible and can be adapted to institutional profile, subject area, type of position, project area, the unit's academic goals, etc.



RETHINKING ACADEMIC CAREER ASSESSMENT

Lessons and tools
for reform



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

**Adatkezelés és mesterséges
intelligencia - Etikai és
kutatásintegritási alapelvek a
felelős kutatásértékelésért**

A whitepaper on reforming research assessment for a digital and AI-driven science future¹

Zeynep Sare Kirbas¹, Selin Arpacı², Perihan Elif Ekmekci¹, Francis P. Crawley³, Beril Berfin Karaman¹, Mara Cristina De Sousa Freitas⁴, Veronika Stoka⁵, Cyrus Walther⁶, Angeliki Tzouganatou⁷

¹TOBB ETU Medical School, Ankara, Türkiye

²Technical University of Munich, Germany

³CODATA IDPC International Data Policy Committee (IDPC), Committee on Data (CODATA) of the International Science Council (ISC)

⁴Catholic University of Portugal (UCP), Lisbon, Portugal

⁵Jožef Stefan Institute (JSI), Slovenia

⁶Technical University of Dortmund, Germany

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Abstract

This whitepaper presents a strategic framework for advancing Responsible Research Assessment (RRA) across the European digital research ecosystem. Responding to the European Commission's call for a science system fit for the AI era, we propose a common roadmap to transition from outdated, publication-centric evaluation towards inclusive,

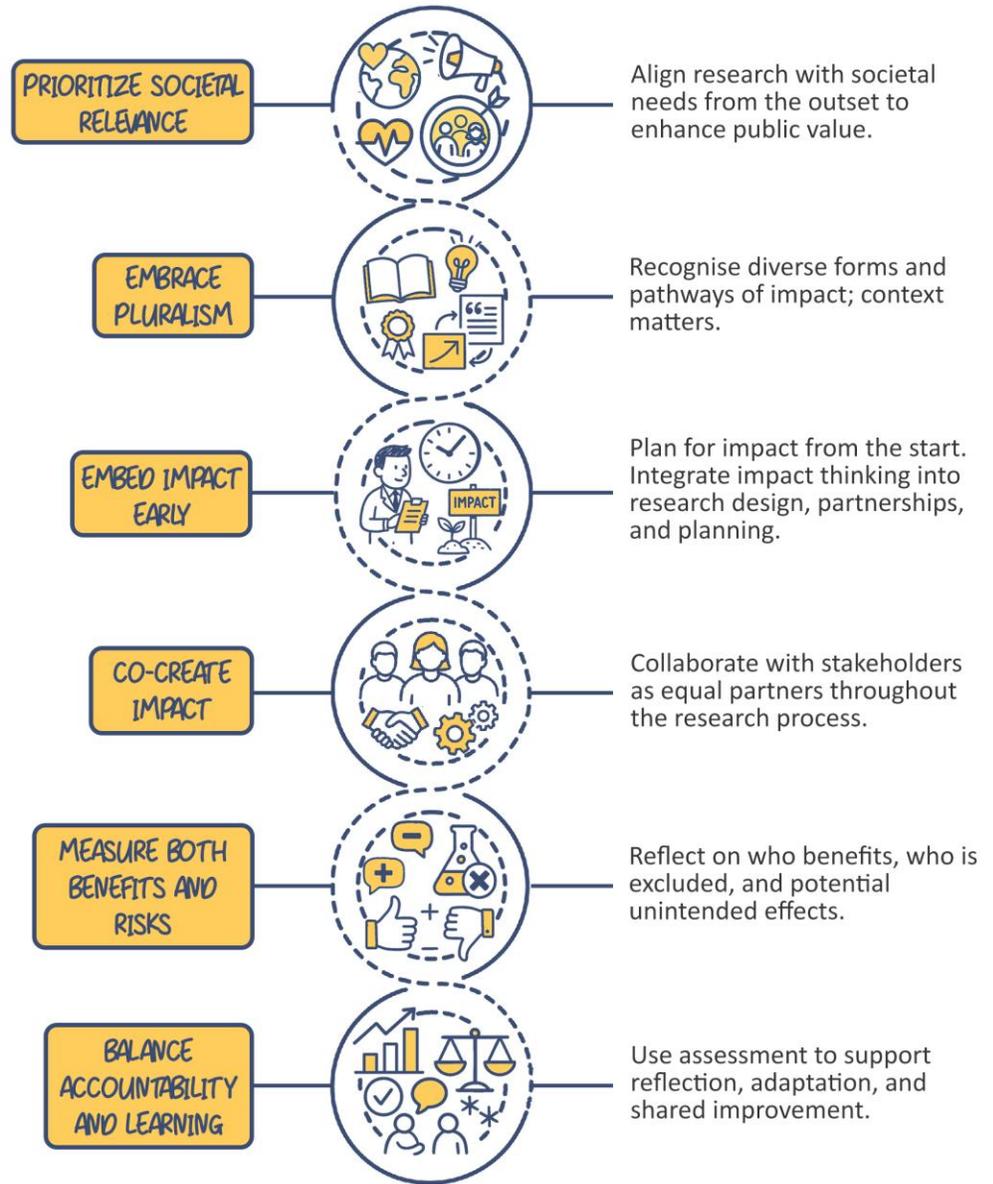
DOI [10.5281/zenodo.17308055](https://doi.org/10.5281/zenodo.17308055)



Transformative Research Assessment: Integrating Societal Impacts into Evaluation Frameworks, 2025, DOI [10.5281/zenodo.15847206](https://doi.org/10.5281/zenodo.15847206)

SIX GUIDING PRINCIPLES

to guide responsible, inclusive approaches to assessing the societal impacts of research





<https://www.coara.org/wg-nc/working-groups/>
https://zenodo.org/communities/coara_wgs



SCIENCE EUROPE
Shaping the future of research

A European Strategy for AI in Science
Science Europe Input to the European Commission's Call for Evidence

Science Europe, representing national European research funding and research performing organisations, recognises the need for a 'European Strategy for AI in Science' that will remain relevant in the face of the rapidly evolving fields of artificial intelligence. Europe's approach towards AI for science should be guided by a human-centred, ethical, and secure approach that is true to scientific values. The strategy should be aligned and streamlined with all existing regulatory frameworks (e.g. GDPR regulation, AI Act) and guidelines to ensure coherence and avoid contradictions. Europe's need to boost its innovation capacity and global competitiveness should not shift the focus away from its values-based model.

A strategy for AI in science should focus on the fundamental characteristics of AI, promote its beneficial applications, recognise and mitigate associated risks, and ensure it safeguards the integrity of scientific research. Risks such as the rise of misinformation, due to hallucinations and unverified proliferation of synthetic (AI-generated) content, could undermine scientific reliability and public trust. For that reason, the strategy should ensure that it connects to the responsible adoption of AI.

Science Europe's Member Organisations have had numerous discussions on the opportunities and challenges of the use of AI tools in research processes, and their impact on areas such as research assessment, science communication, and open science, as well as on legal certainty and the environment. Based on these conversations, Science Europe proposes the following points for consideration when defining a European Strategy for AI in Science:

- AI in grant applications and evaluation processes:** Establish guidelines for researchers, for the appropriate and ethical use of generative AI in the preparation of grant applications. The European Commission could play a role in supporting research organisations in the adoption of 'best practices' for the responsible use of AI systems in evaluating grant applications. Current systems must be assessed for their ability to handle AI-assisted proposals, safeguard the integrity and originality of research, including potential risks from AI-generated submissions.
- Peer review using AI systems:** Identify responsible techniques in reviewing research outputs that take into account aspects of data privacy, confidentiality, and intellectual property. Such processes should also be overseen by humans.

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US

ACTION PLAN FOR DIAMOND OPEN ACCESS
MARCH 2022



Köszönöm a figyelmet

2026.02.06.

BALLA ANDREA

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