



CONTRIBUTING TO THE EVOLUTION OF RESEARCH CULTURES

SCIENCE EUROPE'S NEW VISION & FRAMEWORK

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**DORA NATIONAL & INTERNATIONAL
INITIATIVES GROUP**

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Science Europe Membership

Science Europe comprises
40 Member Organisations
in **30** European countries
funding approximately
€25bn of research per year.



RESEARCH FUNDING ORGANISATION
RESEARCH PERFORMING ORGANISATION

www.scienceeurope.org

Science Europe's Strategic Priorities (2021-2026)



Research Assessment



Science Europe Study on Research Assessment Practices (2019)

DOI: [10.5281/zenodo.4915998](https://doi.org/10.5281/zenodo.4915998)

Science Europe Position Statement on Research Assessment Practices (2020)

DOI: [10.5281/zenodo.4916155](https://doi.org/10.5281/zenodo.4916155)



TRANSPARENCY

Assessment processes must be clear and transparent at all stages



EVALUATING ROBUSTNESS

Assessment processes should be monitored and evaluated, and best practices shared



BIAS, DISCRIMINATION & UNFAIR TREATMENT

Research organisations should publicly show how they address bias, discrimination and unfair treatment



COST, EFFICIENCY & APPLICANTS' EFFORT

Assessment processes should be streamlined and standardised to improve efficiency for all involved



BROADENING THE POOL OF REVIEWERS

Research organisations should consider broader selection criteria for reviewers and suitably recognise their work



QUALITATIVE ASSESSMENTS

Assessment processes should enable evaluations to focus on content and consider a wide range of research outputs and activities



NOVEL APPROACHES

Research organisations should consider novel approaches to assessments in an evidence-based manner and share their experiences

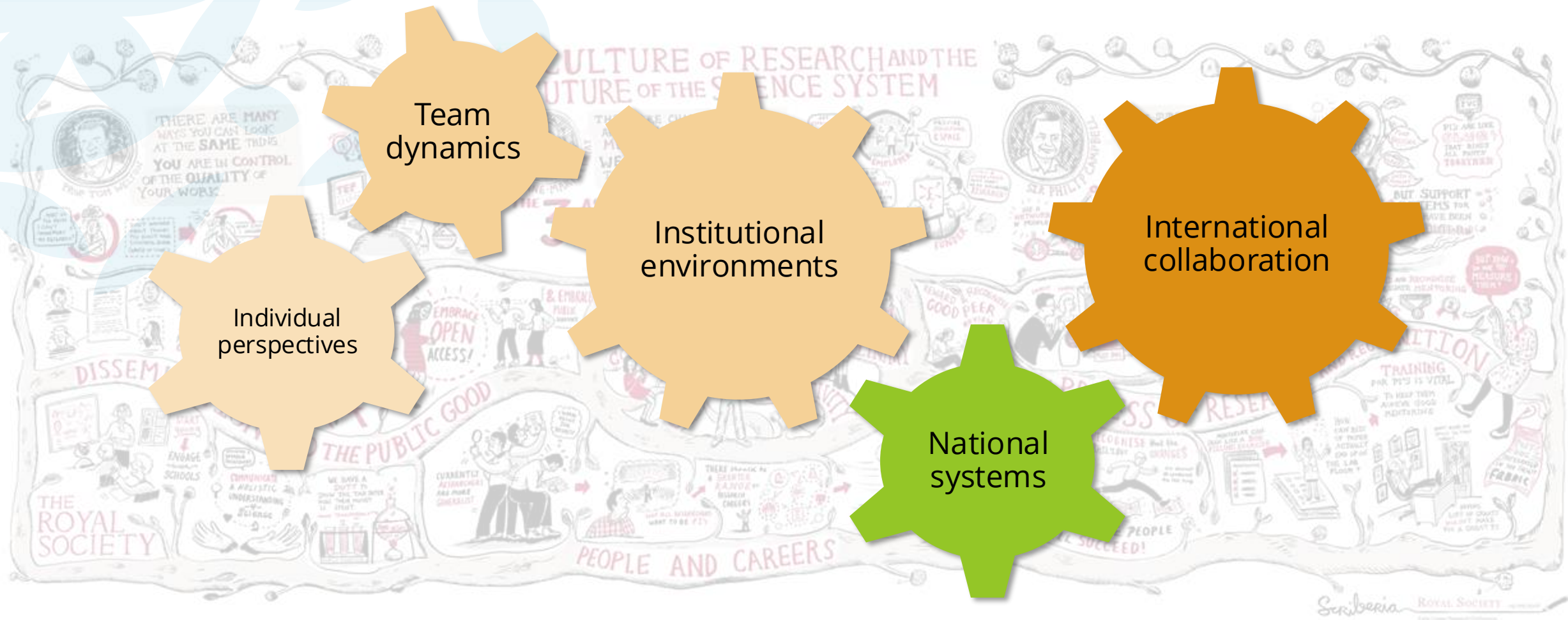
What we mean by 'research cultures'



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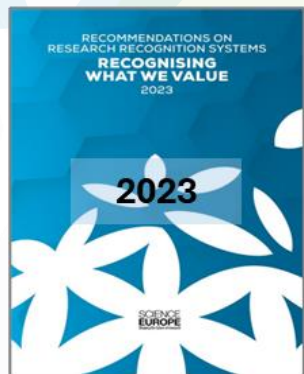
A values-based approach to research cultures



Ensuring that values at the heart of our research systems are reflected in policies and practices.

Putting shared values into practice

Aligning recognition systems to shared values



[10.5281/zenodo.7858100](https://zenodo.org/record/7858100)

Placing diversity & inclusion at the centre of research quality & impact



[10.5281/zenodo.10602233](https://zenodo.org/record/10602233)

Supporting research assessment reform for the benefit of all



[10.5281/zenodo.10932705](https://zenodo.org/record/10932705)

Ensuring integrity is a cornerstone of the evolution of research cultures



[10.5281/zenodo.12705713](https://zenodo.org/record/12705713)

Exploring common actions for open science & research assessment reform



[10.5281/zenodo.13961123](https://zenodo.org/record/13961123)

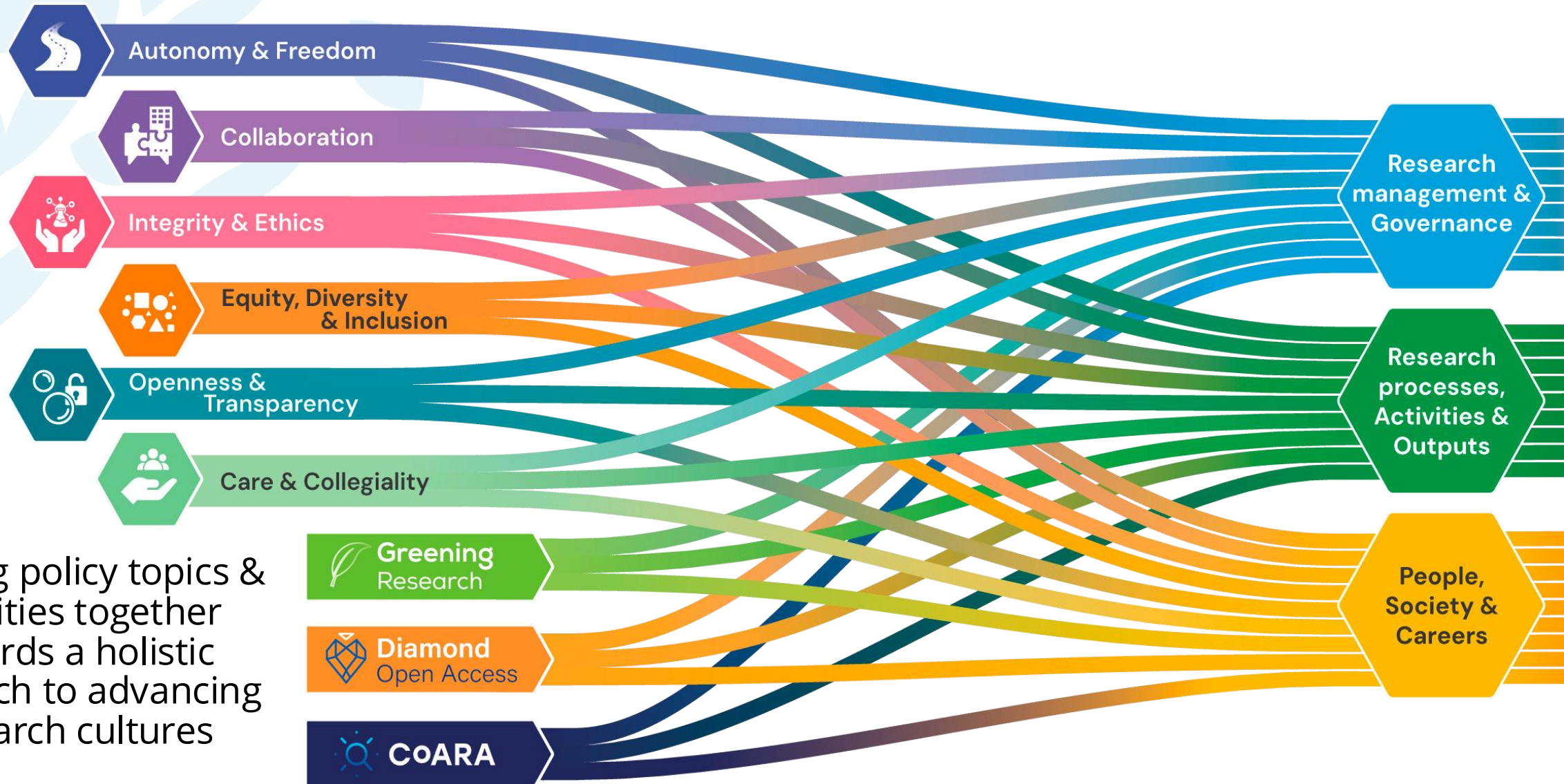
Enabling attractive conditions for talented professionals



[10.5281/zenodo.14533956](https://zenodo.org/record/14533956)

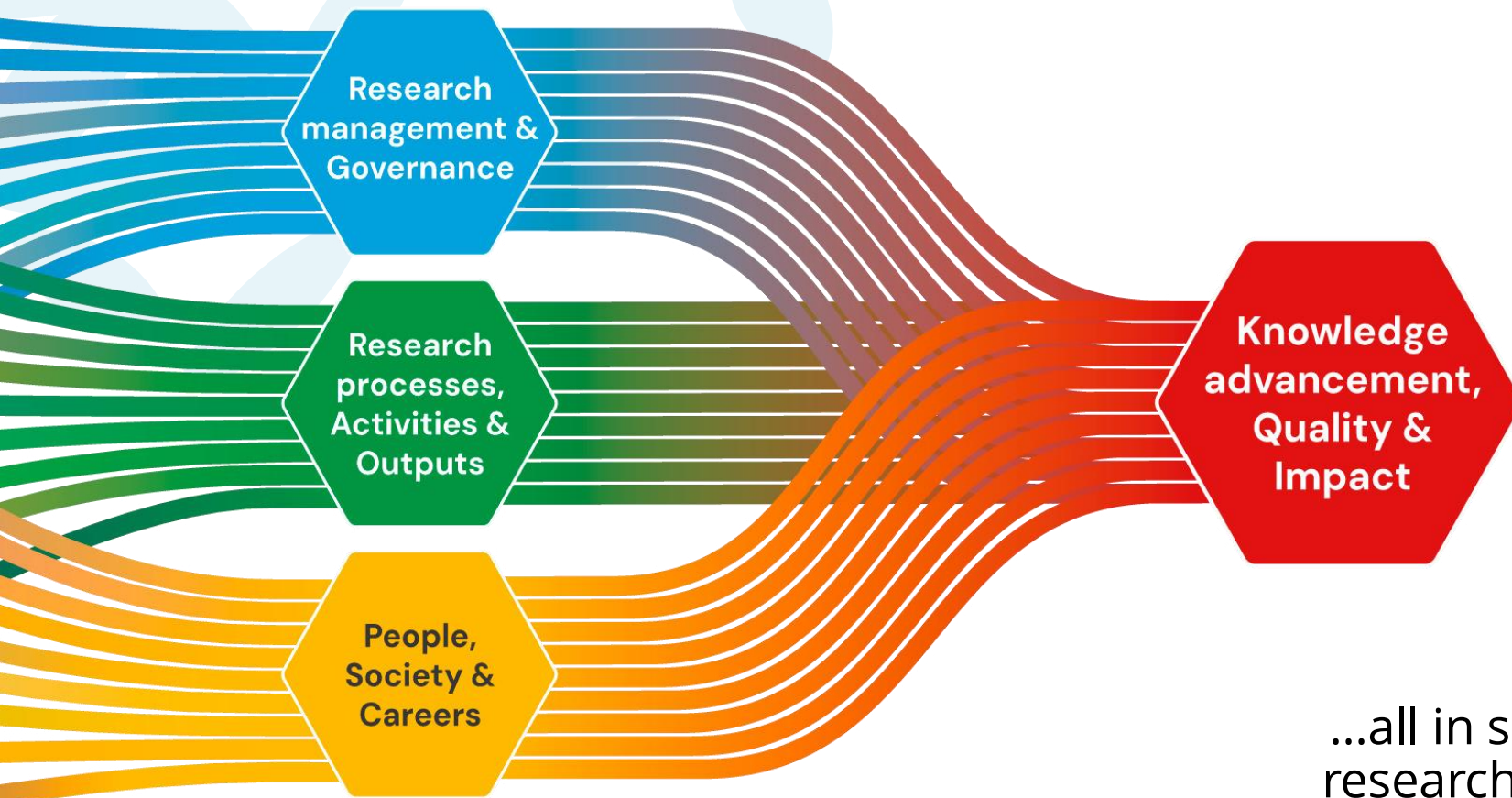
Encouraging healthy & effective research cultures through specific policy actions and topics

A values-based approach to research cultures



Bringing policy topics & priorities together towards a holistic approach to advancing research cultures

A values-based approach to research cultures



...all in support of
research quality &
knowledge advancement

A Vision & Framework for Research Cultures



A set of 8 goals are presented as part of a comprehensive vision to guide further action over the coming decades: goals aimed at; attractive careers in research, diverse representation, open and inclusive science, rigor, and more. As our research system evolves ever quicker, it is vital to remain grounded in shared values and develop long-term perspectives.

Alongside our Vision, a supporting framework sets out conditions and to enable effective action, and Science Europe makes several commitments to act and support actions.

Tracking progress & building evidence



- Provide a shared direction for change.
- Map and support good practices, pilots, and initiatives.
- Work with relevant stakeholders to ensure a collaborative approach to advances.
- Coordinate and ensure a research culture perspective to policy priorities.
- Track progress qualitatively.

Tracking progress & building evidence

An example: **Research Data Management**

Objective: **Encourage the FAIR sharing of research data**

Mission: **Research rigor, impact, quality etc...**

Action: **Mandate Data Management Plans + provide templates, guidance, examples etc.**

Result: **Increase in data management plans / data sharing / Change in behaviour**

Impact: **Change in attitude? Shift in values? Different approach to other open science activities?**

What does culture change look like?



Tracking progress & building evidence

Key considerations for tracking the evolution of research cultures:

- Think qualitatively, and at an aggregate level
- Allow for- and promote flexible approaches whilst considering alignment, when beneficial
- Consider actions on different time-scales and of different scopes
- Do not add unnecessary burden
- Consider possible side-effects and unwanted consequences
- Embed community feedback and self-evaluation processes
- Ensure that tracking and evidence-building processes, themselves, are aligned with shared values

Tracking progress & building evidence

An annual barometer of progress in advancing research cultures

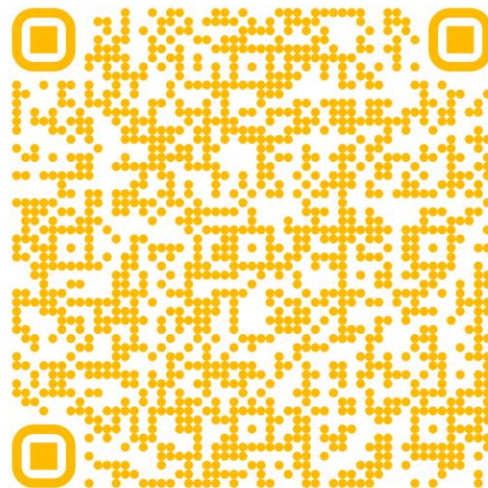




A VISION & FRAMEWORK FOR RESEARCH CULTURES 2025



SCIENCE
EUROPE
Shaping the future of research



Knowledge
advancement,
Quality &
Impact

Scan the QR code to access the position statement and stay up-to-date with our research culture activities.

**THANK YOU FOR
YOUR ATTENTION**



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