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# Better Together: How Funding and Quality Certification Empower Public Infrastructures for Diamond Open Access

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Spanish Foundation for Science and Technology (FECYT)

Munin Conference

November 20, 2025

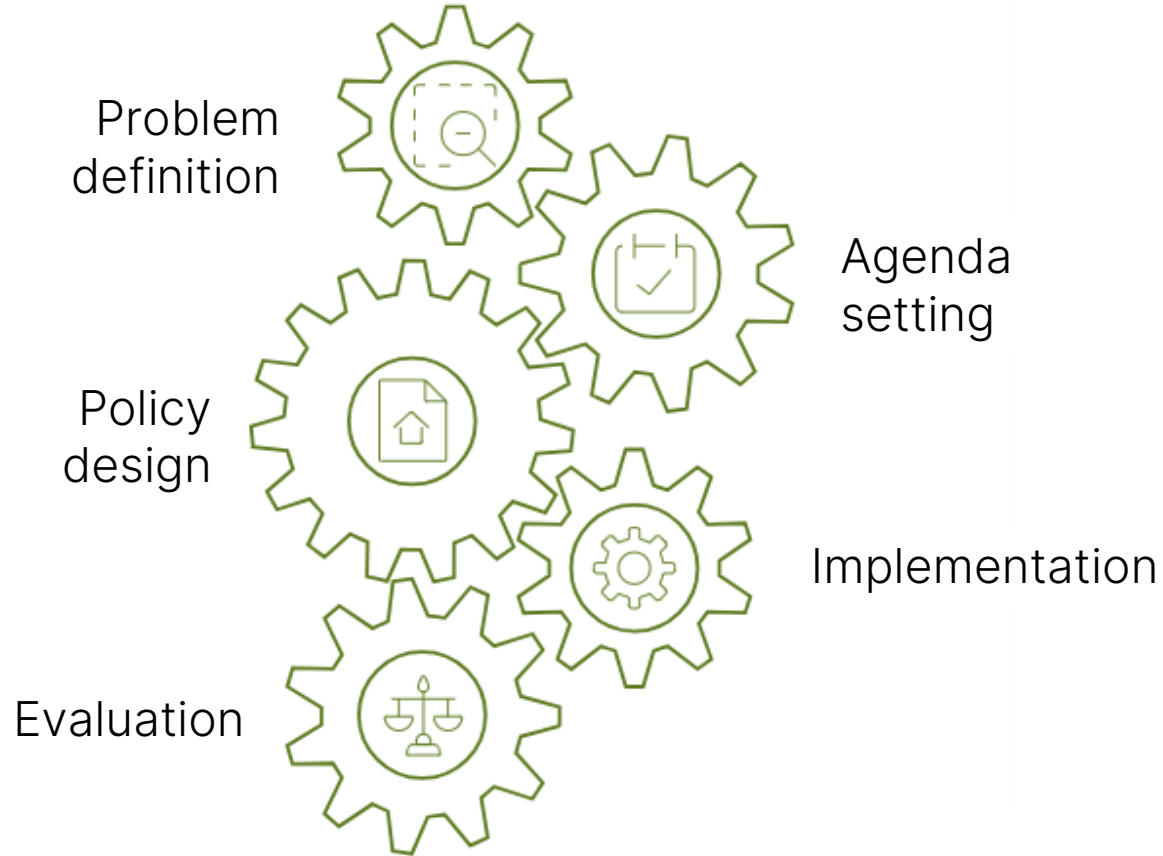


# Public policy making



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# The research activity cycle



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Assessment



Funding



Communication



Performing

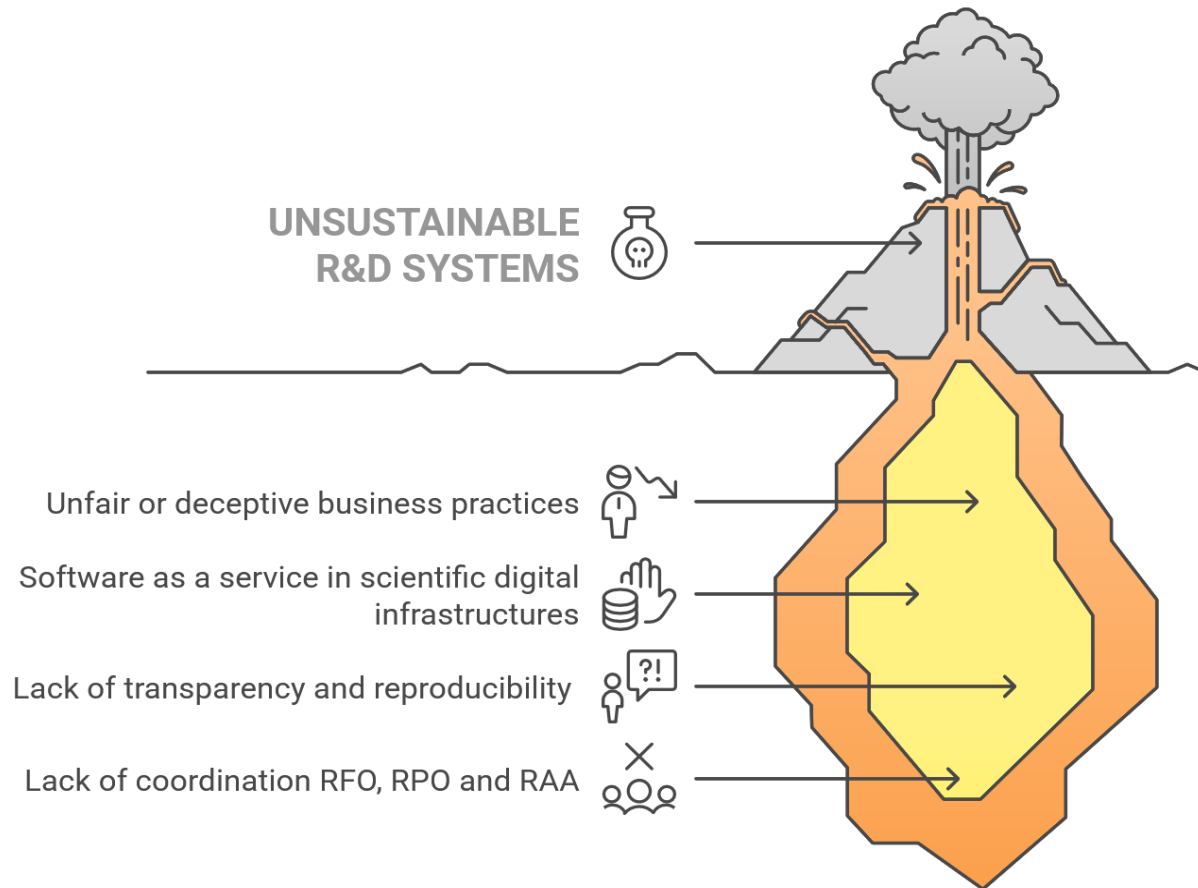


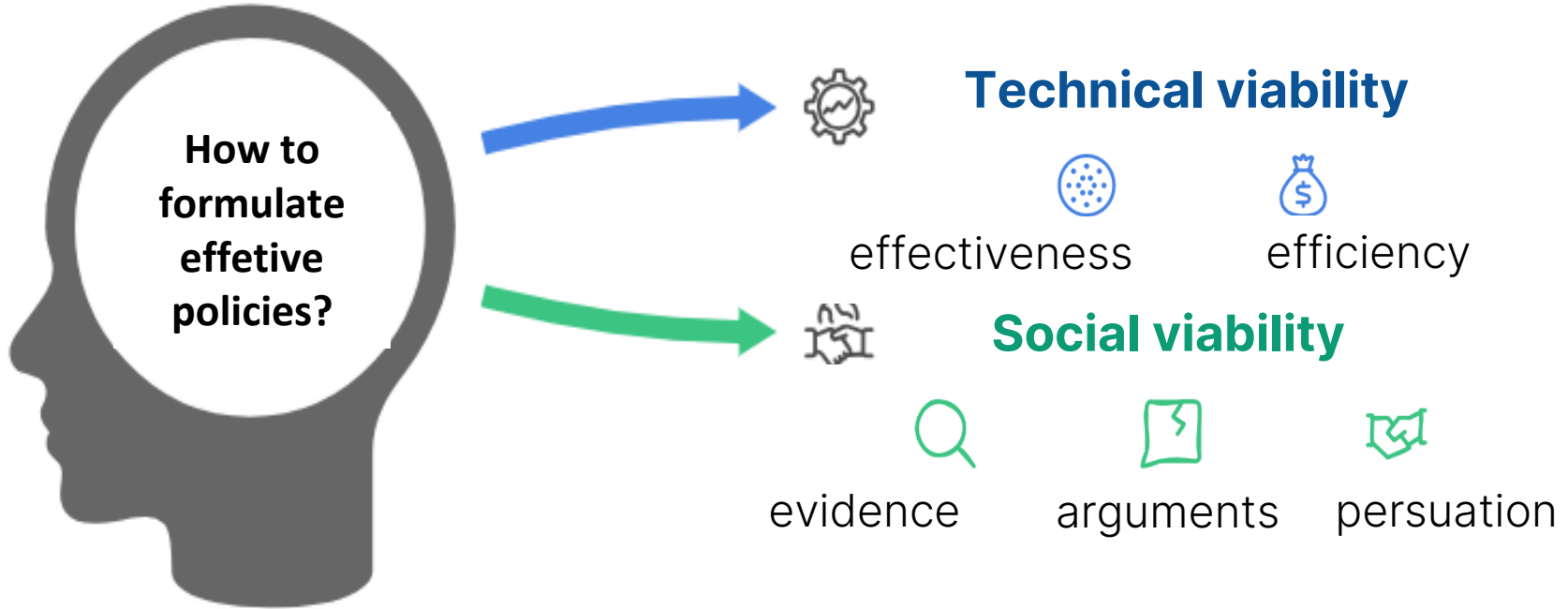
# Public problem definition



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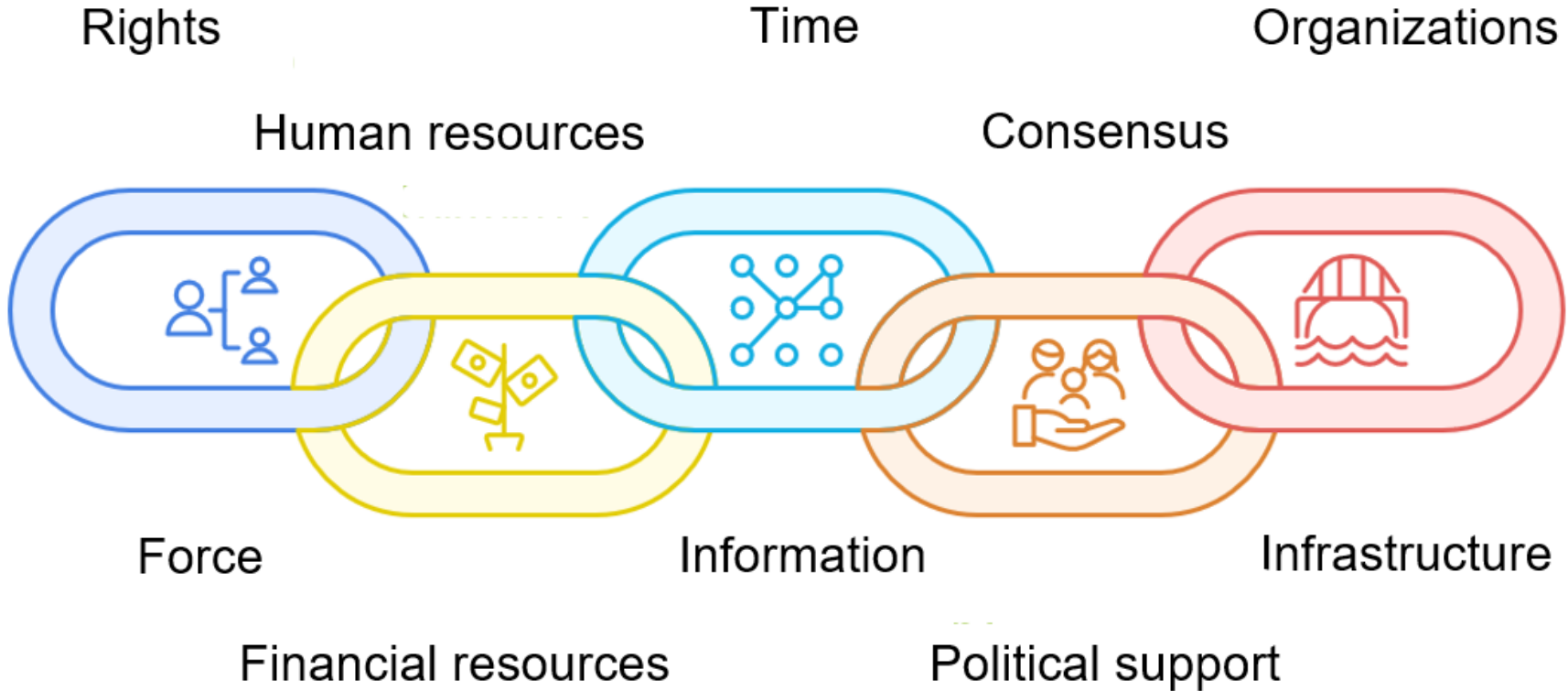


# Public policy resources



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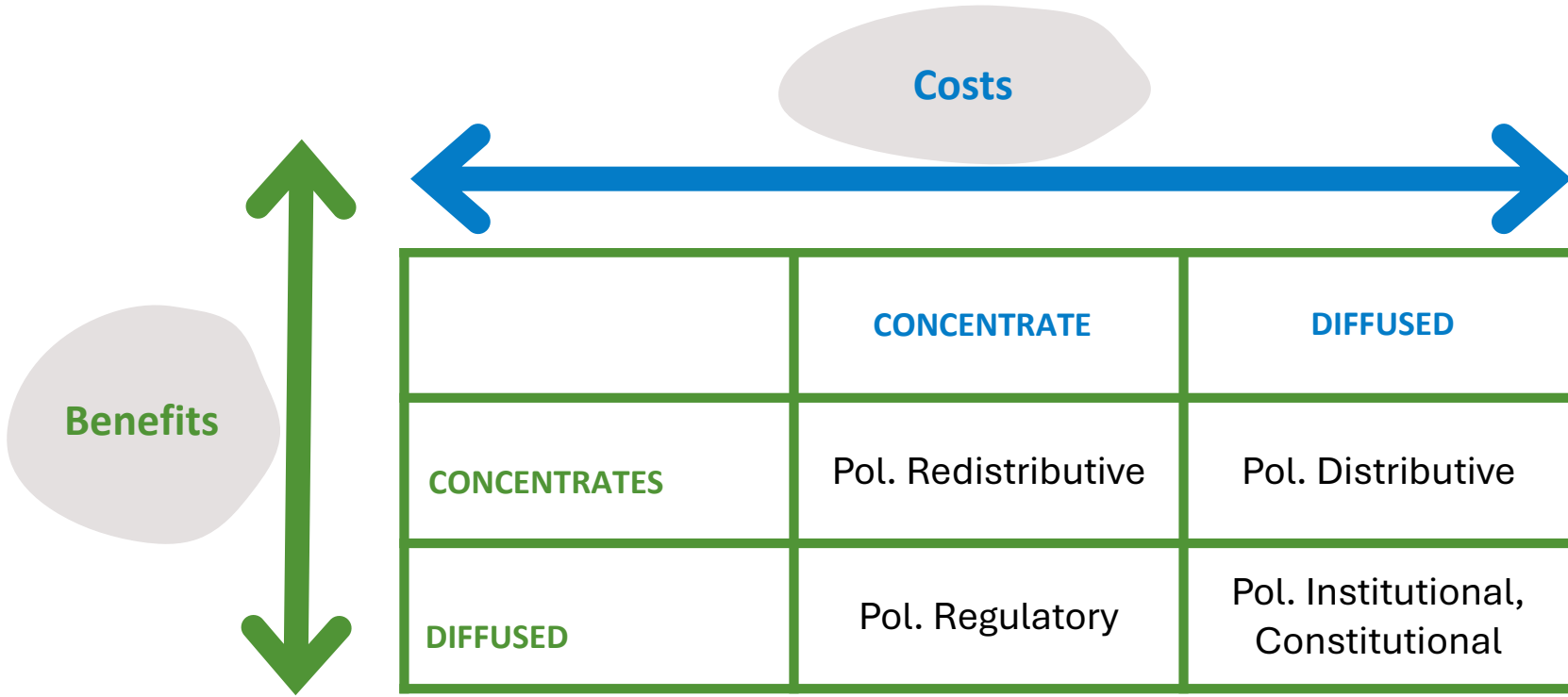


# Typology of public policies



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# Consensus resources: MS narrative



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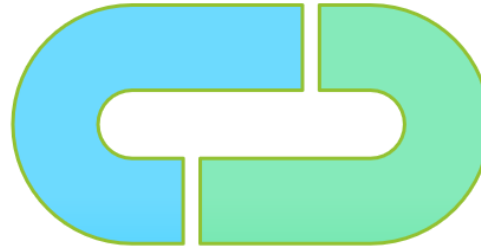
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## CC. Evaluation of research and implementation of Open Science

June 2022

Modify the research  
assessment system and  
implements Open Science



## CC. High-quality, transparent, open, reliable and equitable academic publication

May 2023

Strengthen the non-  
commercial model of  
scholarly publication

<https://www.consilium.europa.eu/media/56958/st10126-en22.pdf>

<https://data.consilium.europa.eu/doc/document/ST-9616-2023-INIT/en/pdf>

# Consensus resources: CoARA



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## CoARA Working Groups



Reforming Academic Career Assessment

Multilingualism and Language Biases in Research Assessment

Towards Open Infrastructure for Responsible Research Assessment

Recognizing and Rewarding Peer Review

Global Framework for Research Evaluation in the Social Sciences and Humanities (SSH)

Experiments in Assessment – Idea Generation, Co-Creation, and Piloting

Responsible Metrics and Indicators

Improving Practices in the Assessment of Research Proposals

Towards Transformation, Transdisciplinarity, Applied/Practice-Based Research, and Impacts

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

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

TIER – Towards an Inclusive Evaluation of Research

Supporting the Alignment of Research Assessment Systems with CoARA in Biomedical Disciplines Through Administrative Reforms and Governance

CoARA  
**NATIONAL  
CHAPTERS**



<https://coara.eu/>

# National Open Science Strategy (ENCA) 2023-2027



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<https://www.ciencia.gob.es/Estrategias-y-Planes/Estrategias/ENCA.html>

# DIGITAL INFRASTRUCTURES

- A1. Identification
- A2. Generation and maintenance
- A3. Funding
- A4. Interoperability - European Open Science Cloud (EOSC)

## **Expected outcomes:**

*Availability of interoperable and fully operational digital infrastructures with sufficient capacity to implement national, European, and international policies on open science, including integration into the international ecosystem and, where appropriate, the European Open Science Cloud (EOSC).*

# FAIR MANAGEMENT OF RESEARCH DATA

- B1. Professional profiles for data management
- B2. Communication of research data as research artifacts
- B3. Legal framework

**Expected outcomes:**  
*Implementation of a research data management methodology by the FAIR principles generated by SECTI, ensuring their findability, accessibility, interoperability, and reusability.*

# OPEN ACCESS TO ACADEMIC LITERATURE

C1. OA mandate compliance

C2. National agreements for OA content

C3. Diversification of publication venues

C4. Legal framework

## **Expected outcomes:**

*Fulfillment of the mandate for immediate open access by default in scientific publications, eliminating access barriers for the entire population.*

# INCENTIVES, REWARDS AND TRAINING

D1. Academic knowledge on OS

D2. OS practices for public R&D funding

D3. OS practices for R&D assessment

D4. OS is excellent

D5. OS Training for researchers and evaluators

## **Expected outcomes:**

*Establishing a new assessment system for research activities within the national science, technology, and innovation system that aligns with the principles of open science and provides the necessary training for its implementation*

# FECYT's policy instruments



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## Certification

## Funding



## Support Infrastructures



1 Digital Infras.  
Strengthening

2 Knowledge  
as a public  
good

3 Quality as a  
public good

4 Journals'  
Ownership

Integration  
of Policy  
Instruments





**9<sup>a</sup> edición**

**National Scholarly Journals Assessment  
Biennial Call**

<https://info.evaluacionarce.fecyt.es/>

# DOAS

## QUALITY AS A PUBLIC GOOD

- Focus on Journals' Editorial Activities.
- Co-creation.
- 100 items
  - ✓ 53 required
  - ✓ 47 desired



<https://zenodo.org/records/12179619>

1. Funding
2. Legal Ownership, mission and governance
3. Open Science
4. Editorial Management, Editorial Quality, and Research Integrity
5. Technical Service Efficiency
6. Visibility, Communication, Marketing and Impact
7. Equity, Diversity, Inclusion and Belonging (EDIB), Multilingualism and Gender Equity

# María de Guzmán OS Funding Call



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## María de Guzmán National Funding Call 2025 Line 2 – Open Science

- ✓ 3 M€
- ✓ Biennial
- ✓ Max. 170 K€ per proposal
- ✓ Consortium projects
- ✓ ENCA implementation

Ciencia  
Abierta 

<https://convocatoriacienciaabierta.fecyt.es/>

# Unexpected Positive Outcomes

Digital  
infrastructures  
shaping OS policy  
choices and  
decision-making



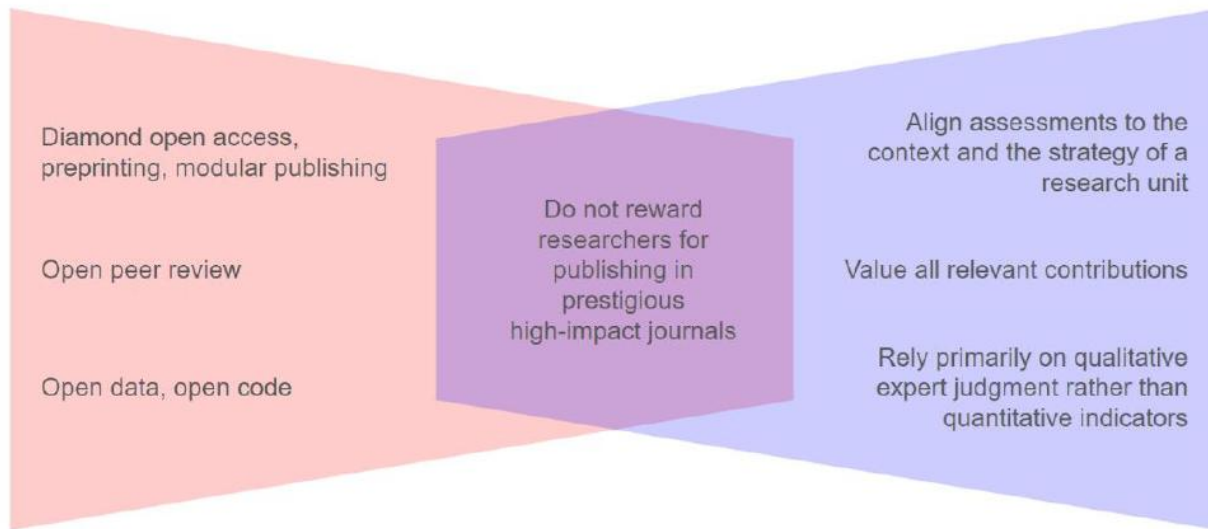
Acknowledgement  
of research  
support staff by  
the researchers

# Next Challenge: PRESTIGE for public goods



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*Figura 1. Cuestiones clave abordadas por el movimiento de reforma de la publicación científica (en rojo) y el movimiento de reforma de la evaluación de la investigación (en azul), y su superposición.*

Fuente: Ludo Waltman 2025. <https://doi.org/10.59350/2pxqd-tj976>



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<https://www.youtube.com/FECYT>

# Thank you!

**@PilaRicoCastro**

Fundación Española para la Ciencia y la Tecnología (FECYT)

<https://www.fecyt.es/>

