Open Research and the Open Research Europe Platform

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European Commission

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Contents

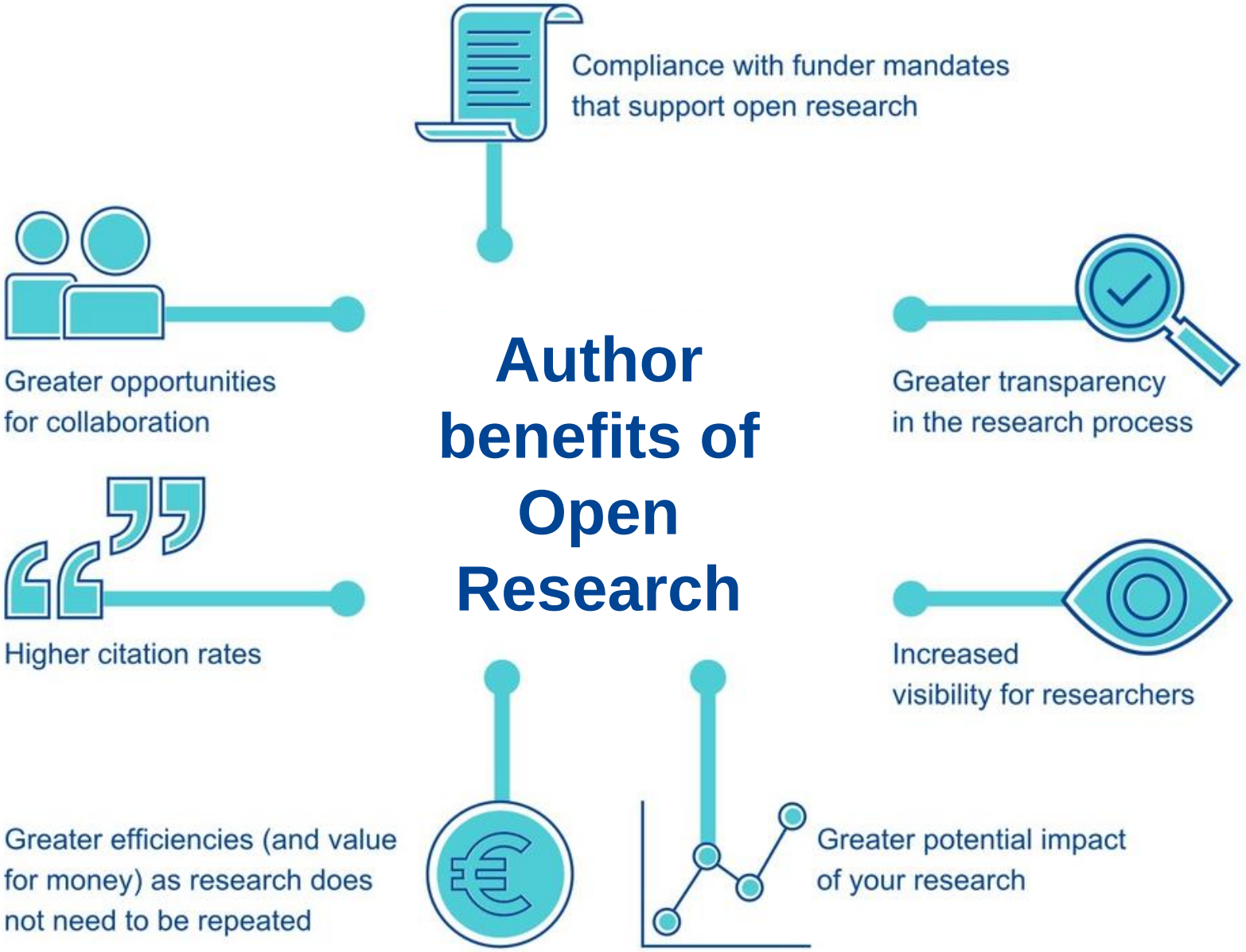
An introduction to Open Research

A background and its benefits for researchers

Open Research principles

- Research results should be freely accessible to all
- This includes:
  - methods and data
  - open collaboration and communication between researchers
- The traditional publishing model in contrast means publishing research in subscription-based journals, which can limit access to scientific findings
- The move away from subscription models and towards Open Research has resulted in the increasing use of **preprints** which enable **early sharing** of research **before peer review**
- The growing support for Open Science has been reflected in the adoption of Open Science policies for funding agencies and governments.

Author benefits of Open Research



Background and aims of Open Research Europe and how it works

The motivations and model

Background and aims of Open Research Europe (ORE)

Launched in March 2021

A platform which leads by example:

- ✓ Early sharing of research
- ✓ Underlying data linked to trusted repositories
- ✓ Open peer review
- ✓ Author-led model supported by Scientific Advisory Board
- ✓ Article level metrics and indicators of quality
- ✓ Transparency and cost-effectiveness
- ✓ Open Research Publishing as a sustainable model
- ✓ Eligibility now includes all European Commission funded research

Open Research Publishing Model

Article Submission

Submit research via a single-page submission system.

Prepublication Checks

Our in-house team of professional editors carries out comprehensive prepublication checks to ensure that all policies and ethical guidelines are adhered to.

Publication & Data Deposition

Once the article has passed the prepublication checks, a fully typeset version is published with a DOI, enabling immediate viewing and citation, as well as indexing in Google Scholar. Once the article is published, it cannot be sent to another journal for publication.

Open Peer Review & Article Revision

Expert reviewers are invited for peer review. Once peer review is complete, reviewer comments and names are published alongside the article, together with authors' responses and comments from registered users. Authors are encouraged to publish revised versions of their article. All versions of an article are linked and independently citable.

Send to indexers & Repositories

Articles that pass peer review are sent to major indexing databases and repositories, such as PubMed, Scopus, and Google Scholar.

APPROVED INDEXERS

Dimensions
DOAJ
ERIH PLUS
Google Scholar
Inspec
OpenAlex
PubMed
Reaxys
Scopus
TOP Factor

Open Peer Review

Open Identities

- ✓ Reviewers must provide name and affiliation
- ✓ Must identify conflicting interests

Open Reports

- ✓ Reviewer reports will be published alongside the article
- ✓ These are citable and have viewing metrics

Open Review Status

- ✓ Reviewers assign a status
- ✓ Status is viewable on the platform

✓ Approved

? Approved with reservations

✗ Not approved

What a published article looks like on the ORE Platform

A typical article published on ORE and its article-level metrics

Article example

Alongside their report, reviewers assign a status to the article:

APPROVED
The paper is scientifically sound in its current form and only minor, if any, improvements are suggested

APPROVED WITH RESERVATIONS
Key revisions are required to address specific details and make the paper fully scientifically sound

NOT APPROVED
Fundamental flaws in the paper seriously undermine the findings and conclusions

Visibility & credit for reviewers:

- Co-reviewing
- ORCID
- DOIs for reports

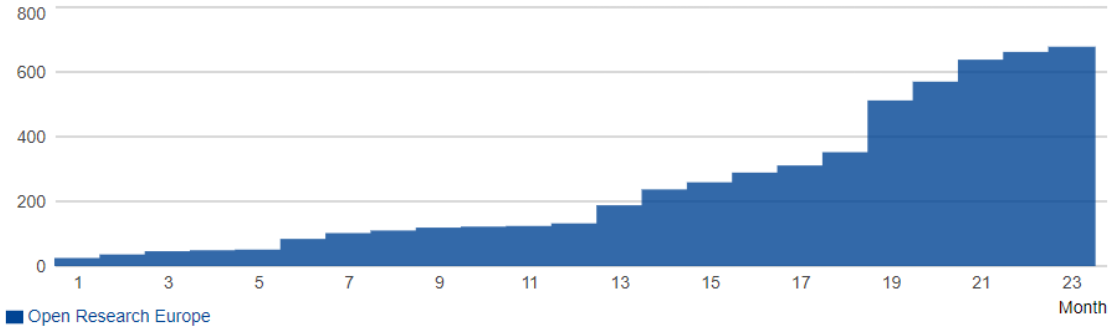
https://open-research-europe.ec.europa.eu/articles/2-94

Article metrics example

Article Views & Downloads

	HTML Page Views	PDF Downloads	XML Downloads	TOTAL
Open Research Europe	679	164	5	848
Zenodo	70	190	n/a	260
TOTALS	749	354	5	1108

Cumulative Views



Cited

DIMENSIONS 51 — VERSION 1 (15) VERSION 2 (36)

EUROPE PMC 28

Scopus 14 — VERSION 1 (14)

CROSSREF 20

Discussed

0 COMMENTS view >

TWITTER 14

WIKIPEDIA 1

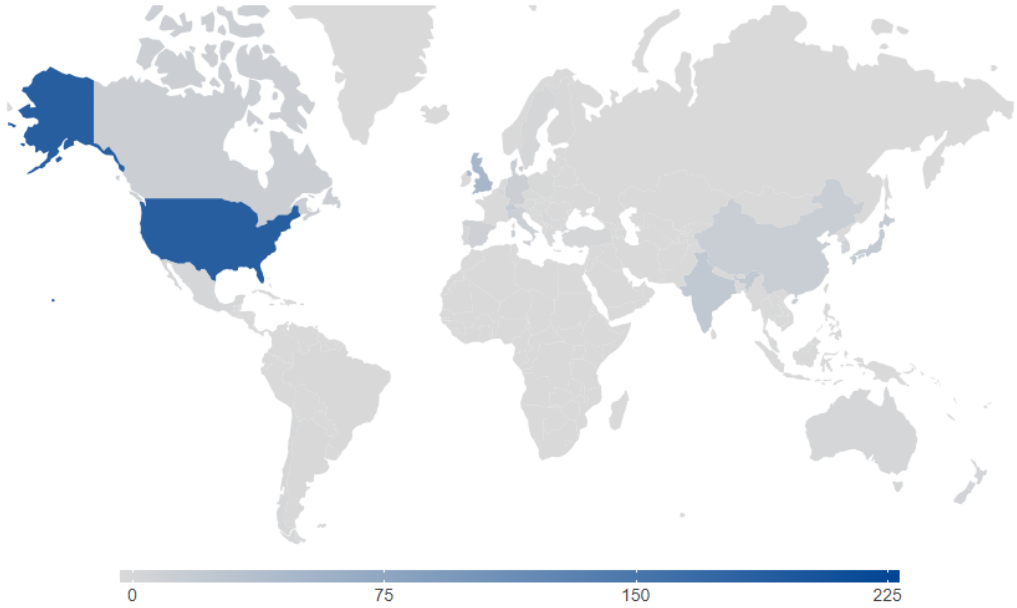
Data provided by Altmetric

Saved

MENDELEY 40 — VERSION 1 (23) VERSION 2 (17)

Data provided by Altmetric

Sessions per country



https://open-research-europe.ec.europa.eu/articles/2-94

What can be published on ORE

An array of article types designed for all research outputs

Supporting research across all disciplines and article types

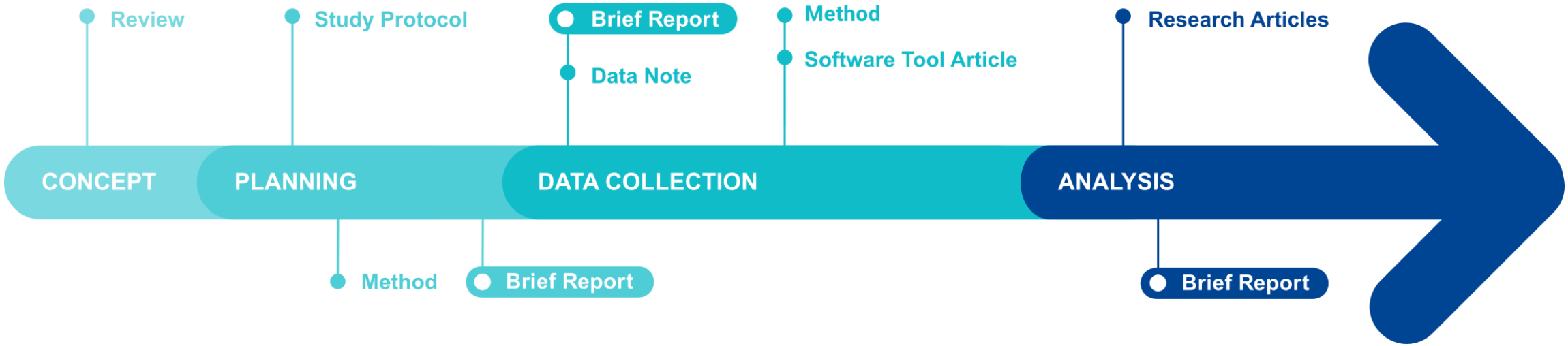
	Natural sciences	Engineering and technology	Medical and health sciences	Agricultural and veterinary sciences	Social sciences	Humanities and the arts
Case Study	●	●	●	●	●	●
Research Article	●	●	●	●	●	●
Brief Report	●	●	●	●	●	●
Data Note	●	●	●	●	●	●
Method Article	●	●	●	●	●	●
Open Letter	●	●	●	●	●	●
Software Tool Article	●	●	●	●	●	●
Review	●	●	●	●	●	●
Case Report	●	●	●	●		
Registered Report	●	●	●	●	●	
Clinical Practice Article	●	●	●	●		
Study Protocol	●	●	●	●	●	
Systematic Review	●	●	●	●	●	
Essay					●	●

All article types are:

- ✓ fully peer-reviewed
- ✓ fully citable with a DOI
- ✓ fully indexed (once passed peer review)
- ✓ linked to underlying data
- ✓ checked by our editorial team

Full article guidelines: https://open-research-europe.ec.europa.eu/for-authors/article-guidelines/

How to maximise your grant funded research outputs through a variety of article types



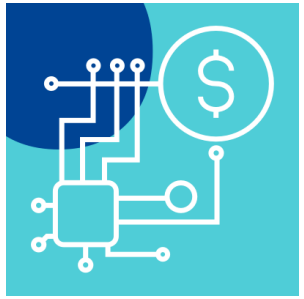
Article Collections

Using the ORE Collections feature

Maximise the visibility of published work with ORE's Collection feature

[Advances in Natural Language Generation]

[Circular Economy in the Built Environment]



[Fintech and AI in Finance]

[Geophysics and Soil Science in Archaeology]

[Sexual Health and Sexual Medicine]

[Women on the Move]

Towards reforming research assessment

How ORE supports the mission to reform research assessment

Reforming the research assessment system

Major recommendations include:

- ✓ Promoting qualitative judgement with peer-review, supported by responsible use of quantitative indicators
- ✓ Rewarding the quality and potential impact of research, and research that meets the highest standards of ethics and integrity
- ✓ Considering and valuing the diversity of research activities and outputs, as well as transparent research processes and methods
- ✓ Valuing teamwork and supporting different researcher profiles and career paths

CoARA
Coalition for Advancing Research Assessment

For more information:
https://coara.eu/ and European Commission, Directorate-General for Research and Innovation, *Towards a reform of the research assessment system – Scoping report*, Publications Office, 2021, https://data.europa.eu/doi/10.2777/707440

Key features of Open Research Europe and how it supports research assessment

- ✓ Promotes article level metrics and indicators of quality
- ✓ Open data policy ensures transparency and reproducibility
- ✓ Author-led model enables researchers to decide what parts of their research is most suitable for publication
- ✓ Publishes a variety of article types across different research outputs and throughout the project lifecycle
- ✓ Champions open peer review and the collaboration and transparency in the review process, and offers recognition and citable reports for reviewers
- ✓ Supports the CRediT taxonomy to capture every author's contribution to the submitted article

Open Research Europe in Action

** Service available also after grant has ended*

Thank you

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