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Open Research Europe

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An introduction to Open Science

A background and its benefits for researchers

Open Science

- Scientific research should be freely accessible to all
- This includes:
 - Scientific results, methods and data
 - open collaboration and communication between scientists
- 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 Science 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.





Compliance with funder mandates that support open research



Greater opportunities for collaboration



Higher citation rates

Benefits of Open Science



Greater transparency in the research process



Increased visibility for researchers

Greater efficiencies (and value for money) as research does not need to be repeated



Greater potential impact of your research

Background and aims

The motivations of the European Commission to create Open Research Europe

Background and aims

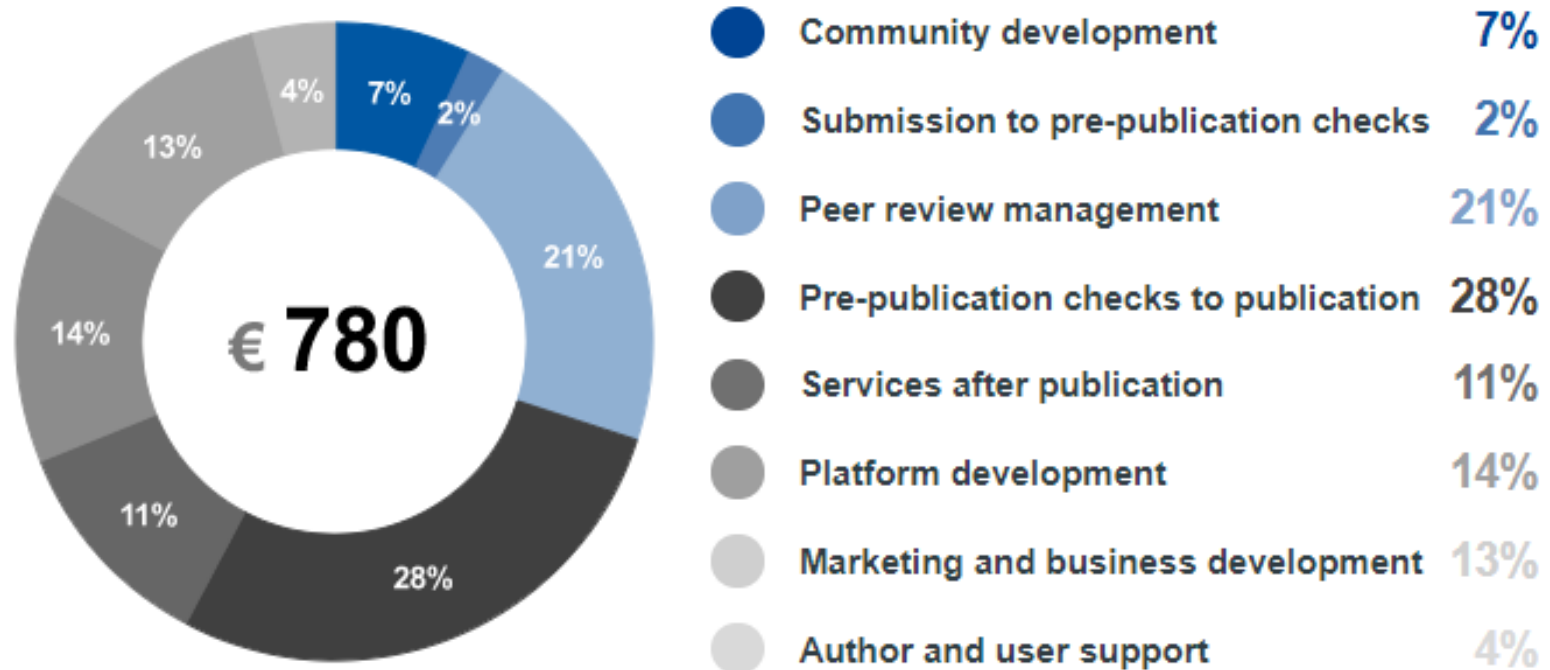
Launched in March 2021

- ✓ An Open Science research platform which leads by example
- ✓ Open peer review
- ✓ Author-led and supported by Scientific Advisory Board
- ✓ Early sharing of research
- ✓ Underlying data linked to trusted repositories
- ✓ Article level metrics and indicators of quality
- ✓ Transparency and cost-effectiveness
- ✓ Diamond open access as a sustainable model

High-quality, reliable and efficient publishing venue for EC-funded research across all disciplines

Price Transparency in detail

The breakdown for the price that the European Commission pays per article

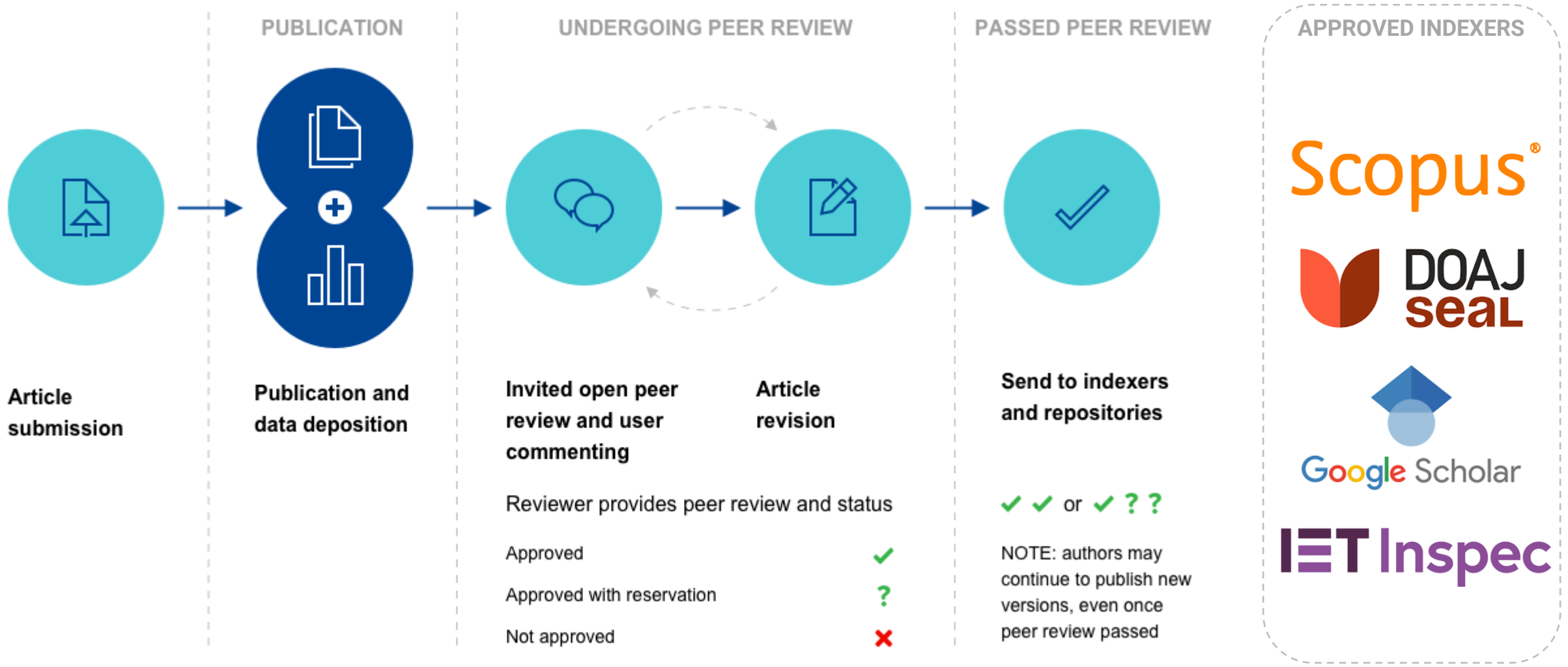


<https://open-research-europe.ec.europa.eu/for-authors/article-processing-charges>

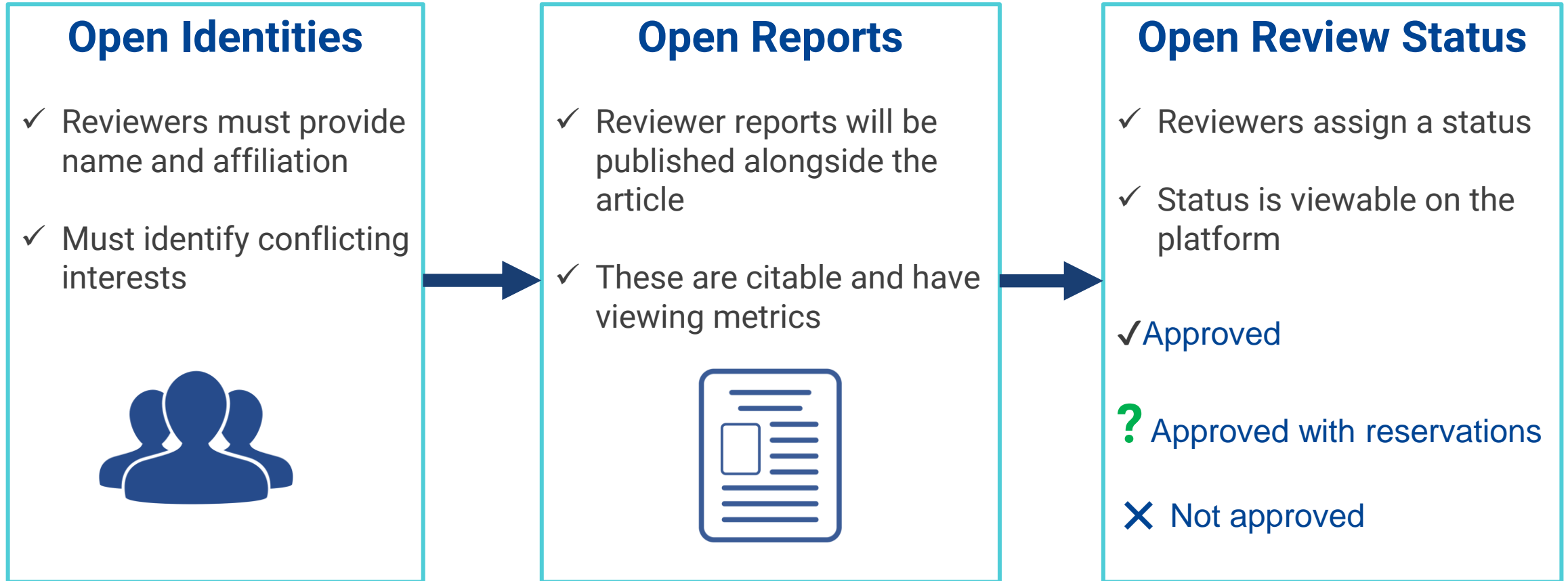
ORE: How it works

The Open Research publishing model

Open Research Publishing Model



Open Peer Review



What a published article looks like on ORE

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

Article example

104 Views | 30 Downloads | 0 Citations

Cite | Download | Export | Share | Track

Home > Articles > Leveraging the trust of nurses to advance a digital agenda in Europe:...

REVIEW

REVISED Leveraging the trust of nurses to advance a digital agenda in Europe: a critical review of health policy literature [version 2; peer review: 3 approved]

Paul De Raeve, Patricia M. Davidson, Franklin A. Shaffer, Eric Pol, Amit Kumar Pandey, Elizabeth Adams

This article is included in Societal Challenges gateway

Article

Authors

Metrics

Abstract

This article is a critical and integrative review of health policy literature examining artificial intelligence (AI) and its implications for healthcare systems and the frontline nursing workforce. A key focus is on co-creation as essential for the deployment and adoption of AI. Our review hinges on the European Commission's White Paper on Artificial Intelligence from 2020, which provides a useful roadmap. The value of health data spaces and electronic health records (EHRs) is considered; and the role of advanced nurse practitioners in harnessing the potential of AI tools in their practice is articulated. Finally, this paper examines "trust" as a precondition for the successful deployment and adoption of AI in Europe.

AI applications in healthcare can enhance safety and quality, and mitigate against common risks and challenges, once the necessary level of trust is achieved among all stakeholders. Such an approach can enable effective preventative care across healthcare settings, particularly community and primary care. However, the acceptance of AI tools in healthcare is dependent on the robustness, validity and reliability of data collected and donated from EHRs. Nurse stakeholders have a key role to play in this regard, since trust can only be fostered through engaging frontline end-users in the co-design of EHRs and new AI tools. Nurses hold an intimate understanding of the direct benefits of such technology, such as releasing valuable nursing time for essential patient care, and empowering patients and their family members as recipients of nursing

Open Peer Review

Reviewer Status ✓✓✓

Reviewer Reports

	Invited Reviewers		
	1	2	3
Version 2 (Revision) 13 May 21		✓ read	✓ read
Version 1 26 Mar 21	✓ read	? read	✓ read

1. **Pamela Hussey**, Dublin City University, Dublin, Ireland
2. **Andreas Xyrichis**, King's College London, London, UK
3. **Dorota Kilanska**, Medical University of Lodz, Lodz, Poland

Comments on this article

All Comments (0)

Sign in to comment

Stay informed



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:

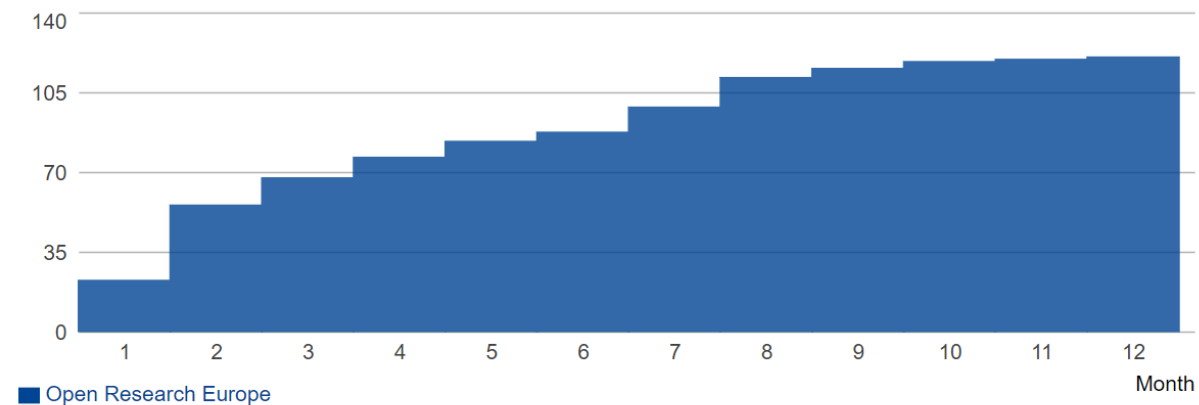
- Co-reviewing
- ORCID
- DOIs for reports

Article metrics example

Article Views & Downloads

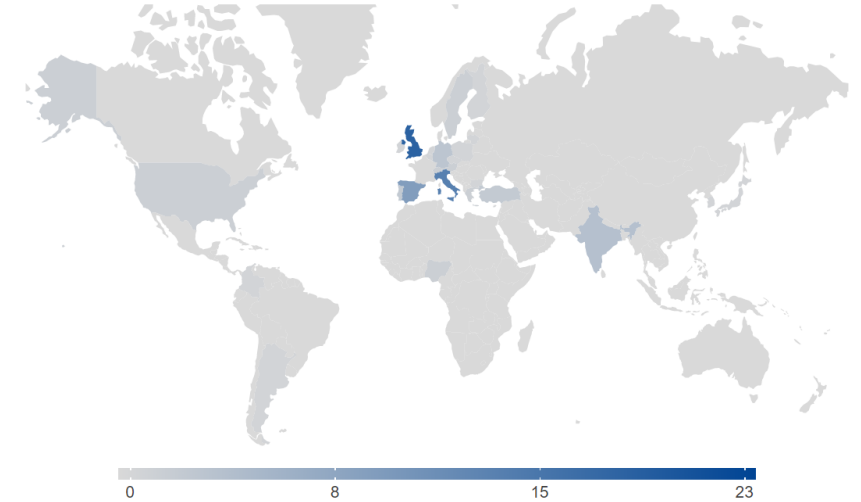
	HTML Page Views	PDF Downloads	XML Downloads	TOTAL
Open Research Europe	121	54	0	175
Zenodo	21	31	n/a	52
TOTALS	142	85	0	227

Cumulative Views

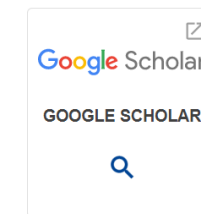
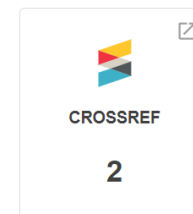


<https://open-research-europe.ec.europa.eu/articles/1-44>

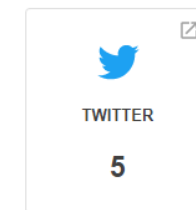
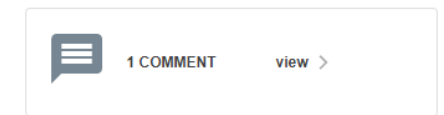
Sessions per country



Cited



Discussed



Data provided by Altmetric

What can be published on ORE

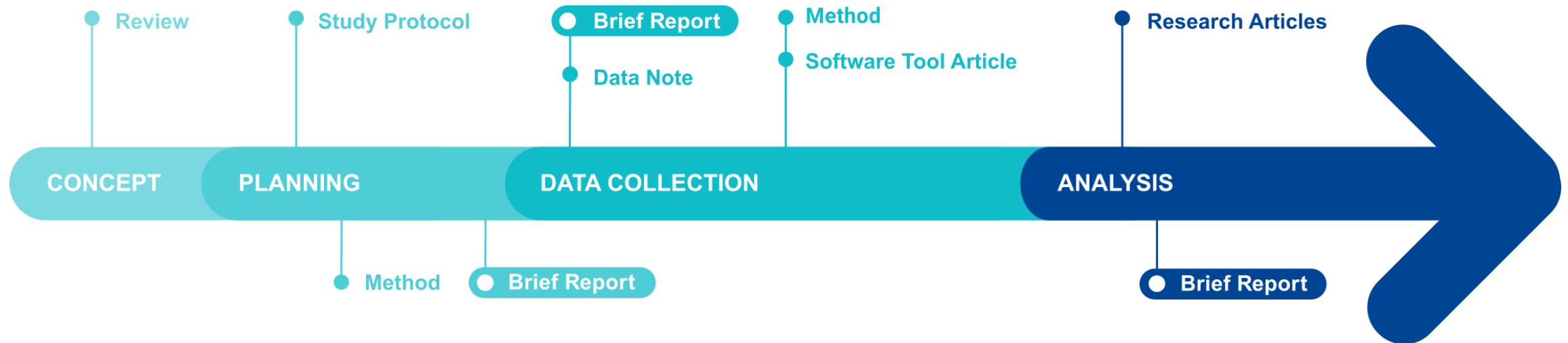
An array of article types designed for all research outputs

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					•	•

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



How ORE Curates Content

Adding value to published content through Article Collections and Community Gateways

Curation of research content across all disciplines

Community Gateways

- ✓ Currently 35 Community Gateways
- ✓ Collaborating with expert advisors across the World
- ✓ Ensuring Open Research Europe meets the needs of each research community
- ✓ Making research even more discoverable on the platform
- ✓ Aims to have expert advisors for each of the EC funding areas

Article Collections

- ✓ Currently 90 Article Collections
- ✓ Addresses more specific research topics and trends
- ✓ Can be used in collaboration with EC events and conferences
- ✓ Can be multi-disciplinary in scope and maximising breadth of the platform
- ✓ Will continue to grow in response of needs and emergence of new areas

Advisory roles on Open Research Europe

Responsibilities	Scientific Advisory Board member	Community Gateway Advisor	Guest Advisor
Contribute to the success of the overall platform	●	●	●
Advocate and promote open access, data, science, and the platform	●	●	●
Advise and lead on the strategic direction of the overall platform	●		
Advise and lead on growing thematic areas of the platform		●	●
Develop ideas and support the launch of thematic collections		●	
Create and nurture the growth of successful thematic collections			●

Open Research Europe in Action



Efficient

- Rigorous open peer review
- Rapid and transparent
- International scientific advisory board



Impactful

- Immediate open access
- Article-level metrics
- Open data for reproducibility and reuse



Stress-free

- Optional service*
- No administrative burden
- No author fees
- Automatic compliance with open access requirements

* Service available also after grant has ended

Thank you

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