# Open Research Europe

Rebecca Lawrence PhD, @rnl_s

Managing Director, F1000 Research

@OpenResearch_EU

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# What is Open Research Europe (ORE)?

✓ **High-quality, reliable and efficient** publishing venue for Horizon research

✓ **High scientific standards**, with swift and transparent processes

✓ **Expert Scientific Advisory Board**

✓ **No cost to authors/beneficiaries**

✓ **Optional**, venue where grantees can **publish wide range of output types** covering the results of their work, while meeting their **open access** obligations
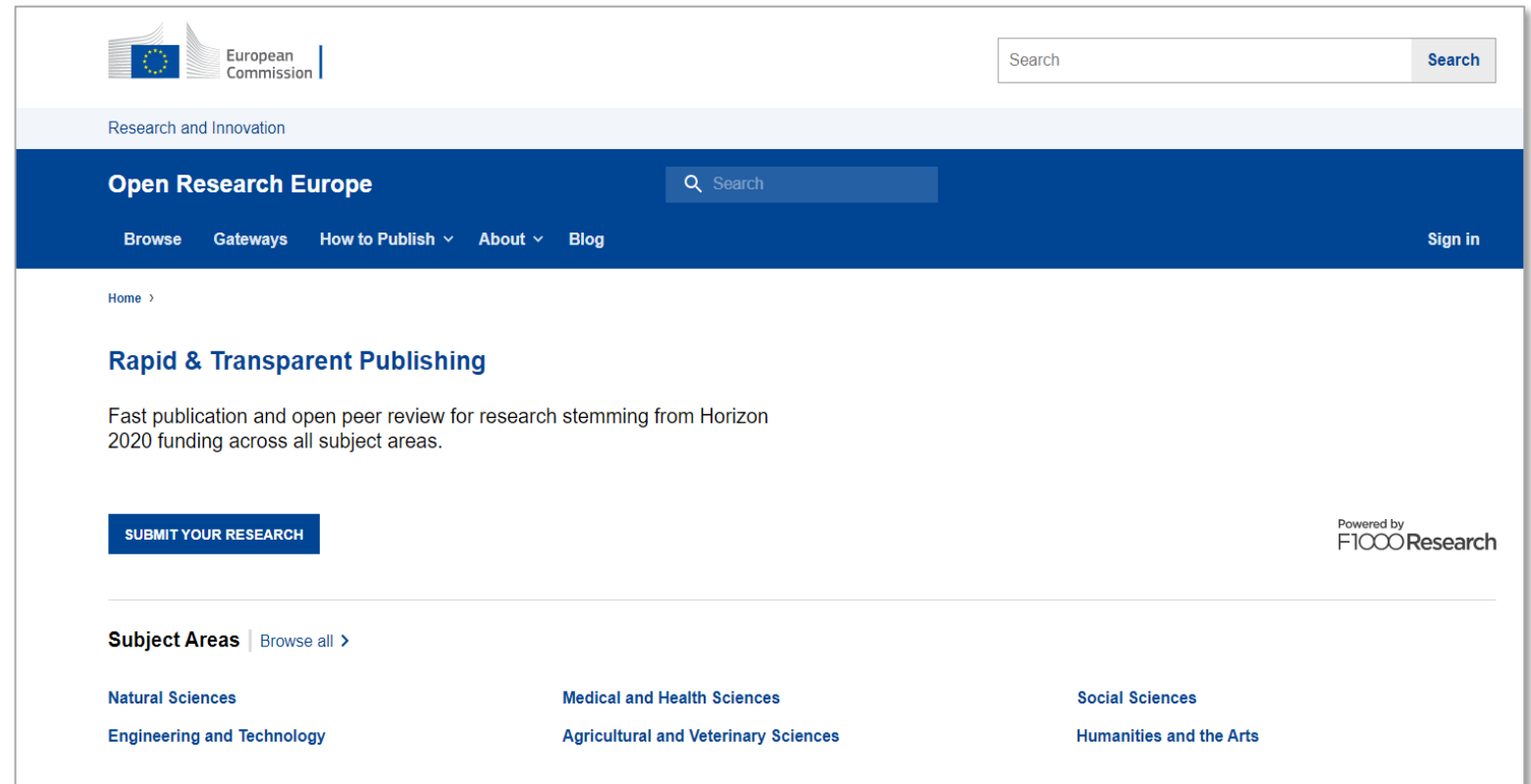
# Purpose of Open Research Europe

✓ **To enable the Commission to lead by example** in operationalising Open Research principles e.g. open access, FAIR data, early sharing of research, open peer review, article level metrics and indicators

✓ **Transparency and cost-effectiveness** – APCs paid for by the Commission are set in procurement (780 euros)

✓ To exploring **sustainable** open access publishing **business models:**

❖ cost effective publishing

❖ potential to broaden the platform to other European funders and institutions

❖ be interoperable with existing infrastructures.

# Builds on many similar Open Research publishing platforms
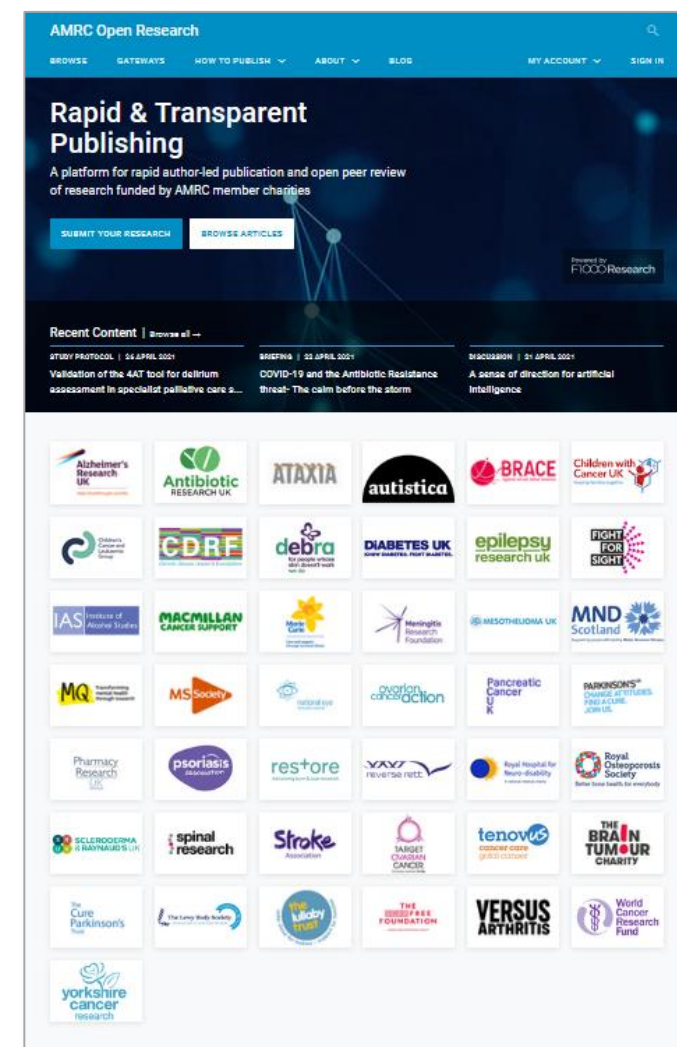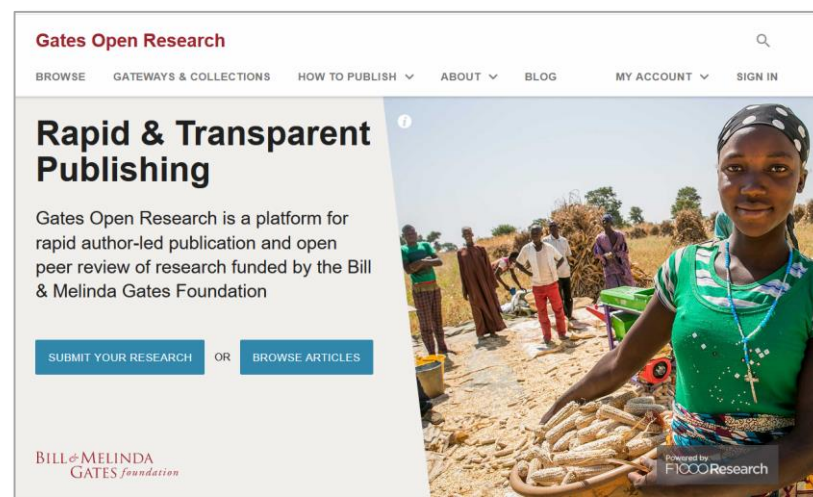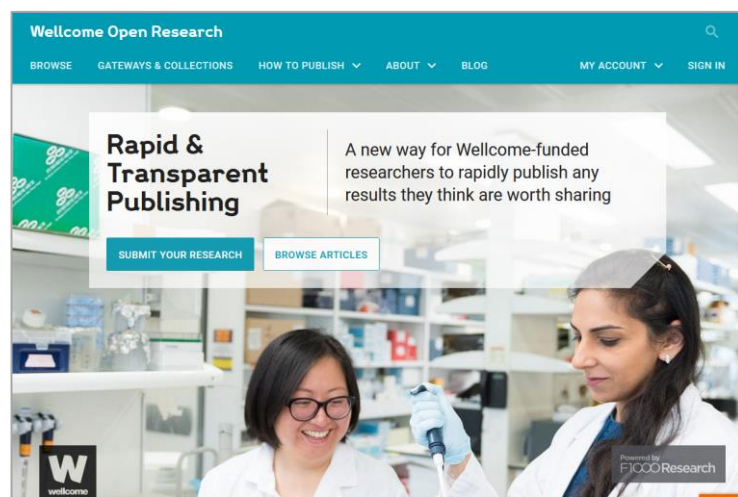
# Open Research Europe (ORE)

❖ **Public Procurement** – 5.8 Million EUR contract signed in March 2020 with F1000 Research

❖ **GYA, LIBER** and **Eurodoc** as formal collaborators on communication and sustainability

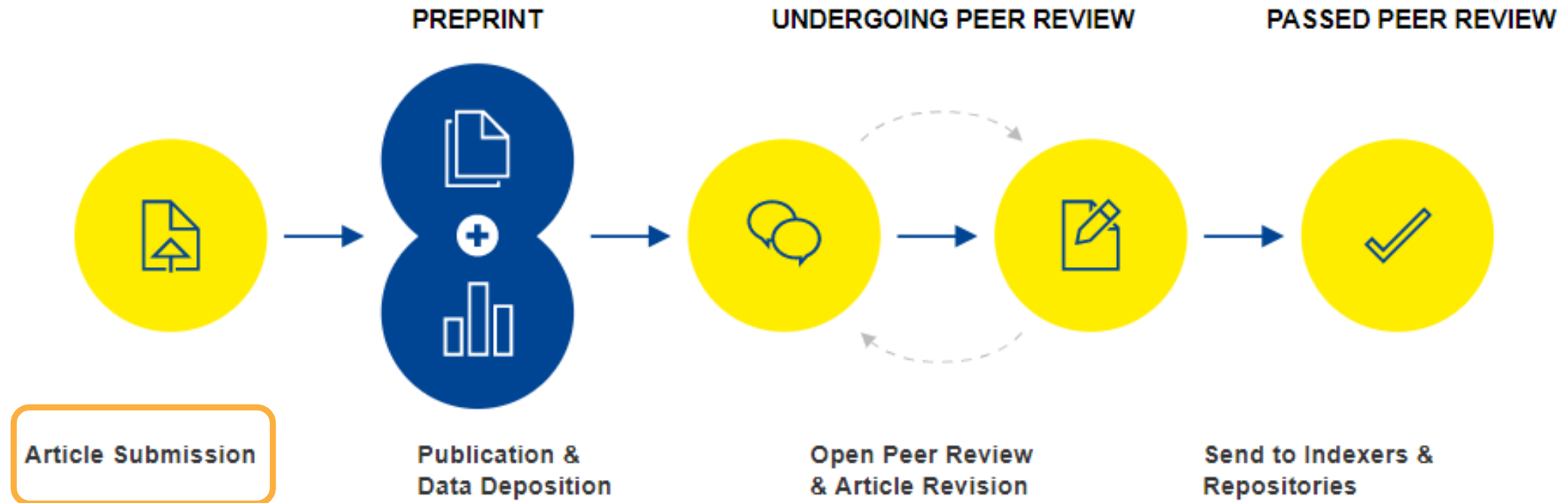❖ **OpenAIRE** are a partner to help with syndication and communication of ORE



https://open-research-europe.ec.europa.eu/

# ORE: How it works

The publishing model

# Open Research Publishing Model



**PREPRINT**

**UNDERGOING PEER REVIEW**

**PASSED PEER REVIEW**

Article Submission

Publication &
Data Deposition

Open Peer Review
& Article Revision

Send to Indexers &
Repositories

# Rigorous pre-publication checks

**Upon Submission**

- Assess author eligibility

- Check article scope

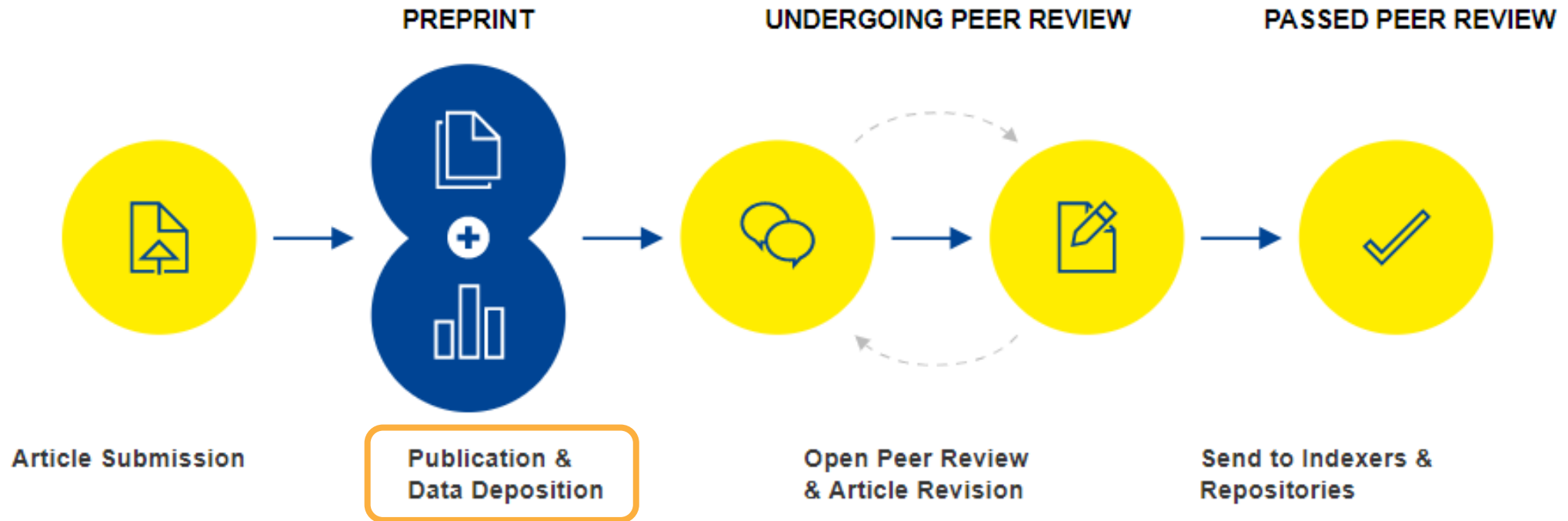- Check for plagiarism

**Pre-publication Checks**

- Comprehensive checks on reporting, editorial & ethical guidelines

- Check for data availability

- Support authors in making data and software FAIR

**Production**

- Converted to text and data-mining formats (PDF, HTML, XML)

- Proofs and editing if necessary

- Quality checks on citations, references, image resolutions & multimedia

- Ensure persistent identifiers are assigned and resolve correctly

# Open Research Publishing Model



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# Preprint example



https://open-research-europe.ec.europa.eu/articles/1-51

# Data and Software Availability

> **ORE requires that, where possible, the source data underlying the results are made available at publication**

However, the sharing of research data **must**:

- Protect the confidentiality, security and privacy of individuals
- Respect the terms of consent by individuals who are involved in research
- Be consistent with Horizon 2020 legal, ethical and regulatory frameworks

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

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## Data availability

OSF: Improving the touchscreen-based food approach-avoidance task: remediated block-order effects and initial findings regarding validity

https://doi.org/10.17605/OSF.IO/EZ7KA (Kahveci *et al.*, 2021)

This project contains the following underlying data:

Raw data files:

- Anthropometry.sav (height and weight measured during the lab session)
- 1_SCIAT.csv – 61_SCIAT.csv (separate IAT files for each participant)
- 1_2019-11-07-17-25.csv - 61_2020-02-04-16-16.csv (separate AAT files for each participant)
- home.sav (demographics, FCQ-T-r, the TEMS, perceived self-regulatory success in dieting scale, DEBQ, FCQ-S and individual stimulus rating on valence and desire to eat assessed during the online survey)
- post.sav (the FCQ-S administered subsequent to the AAT)
- pre.sav (the positive and negative affect schedule and the FCQ-S administered prior to the AAT)

Pre-processed data files:

- HandSRT2_IAT_longformart.csv (trial-level IAT data for all participants)
- HandSRT2_preppeddata.csv (trial-level AAT data for all participants)
- HandSRT2_masterfile.csv (participant-level questionnaire sum scores and aggregated AAT as well as IAT scores)
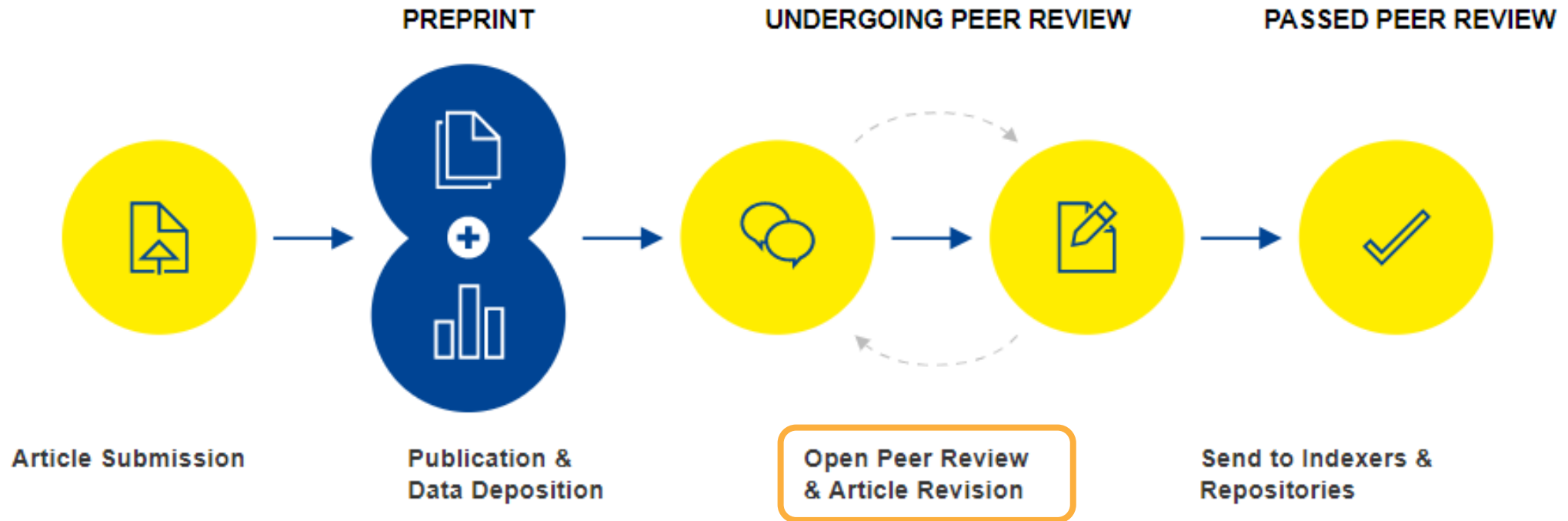
Analyses and pre-processing scripts:

- IATextraction.R (R-code to merge and pre-process IAT data as well as to compute IAT D-scores)
- Datapreparation.R (R-code to merge and pre-process AAT and questionnaire data and to subsequently combine them with the pre-processed IAT data)
- Analyses.R (R-code used for analyses of results)

Data are available under the terms of the Creative Commons Zero "No rights reserved" data waiver (CC0 1.0 Public domain dedication).

https://open-research-europe.ec.europa.eu/articles/1-15

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# Transparent 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

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

? **APPROVED WITH RESERVATIONS**
A number of small changes, sometimes more significant revisions are required to address specific details and improve the papers academic merit.

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

# Open peer review example



**Visibility & credit for reviewers:**
- Co-reviewing
- ORCID ids
- DOIs for reports

https://wellcomeopenresearch.org/articles/5-74

# Open Research Publishing Model



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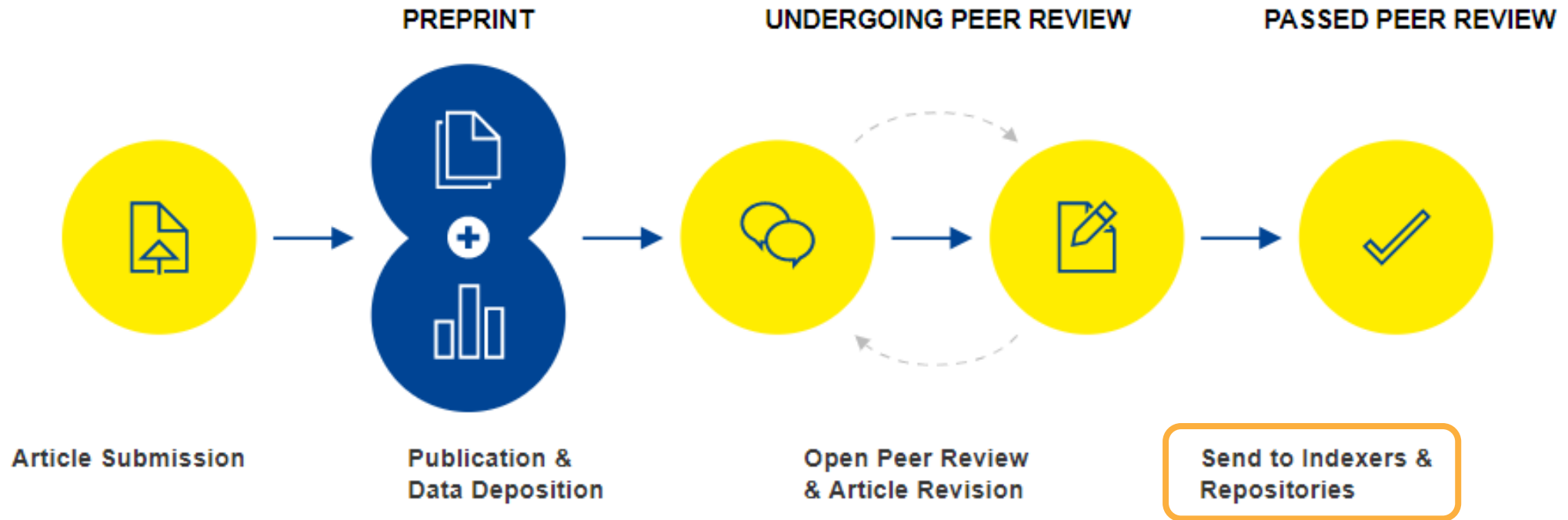
# Passing Peer Review

- Authors can respond to reviewers and revise their articles based on the comments

- Revisions are made through new versions of the article that are linked together (versions are limitless)

- Authors need to achieve a certain 'threshold' of reviewer status to pass peer review and be indexed in bibliographic indexers:
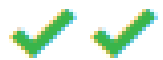
✔ ✔ **2 'Approved' Status**

✔ ? ? **2 'Approved with reservations' and 1 'Approved' Status**

# Supporting research across all disciplines

**Tailored editorial guidelines and policies** for:

- Science, Technology & Medicine (STM)
- Social Sciences
- Humanities

We support many different **article types** to support disciplinary areas

Content is searchable by subject areas and by H2020 programme areas.

## Gateways

Gateways are dedicated portals for Horizon 2020 programme areas and their thematic sections. In each gateway, you will find articles published on Open Research Europe that are linked to projects funded under topics of their specific sections.

**EIC**

**Enhanced European Innovation Council (EIC) Pilot**

This gateway hosts the articles published on Open Research Europe stemming from the EIC pilot programme section supported by Horizon 2020.

**eit**

**European Institute of Innovation and Technology (EIT)**

This gateway hosts the articles published on Open Research Europe stemming from the EIT programme section supported by Horizon 2020.

**Excellent Science**

This gateway hosts the articles published on Open Research Europe stemming from the Excellent Science programme section supported by Horizon 2020.

**Focus areas**

This gateway hosts the articles published on Open Research Europe stemming from the focus areas programme section supported by Horizon 2020.

**Industrial Leadership**

This gateway hosts the articles published on Open Research Europe stemming from the Industrial Leadership programme section supported by Horizon 2020.

**Science with and for Society**

This gateway hosts the articles published on Open Research Europe stemming from the Science with and for Society programme section supported by Horizon 2020.

**Societal Challenges**

This gateway hosts the articles published on Open Research Europe stemming from the Industrial Leadership programme section supported by Horizon 2020.

**Spreading Excellence and Widening Participation**

This gateway hosts the articles published on Open Research Europe stemming from the Spreading Excellence and Widening Participation supported by Horizon 2020.

# Mock-up example of article-level metrics

# How is ORE doing so far?

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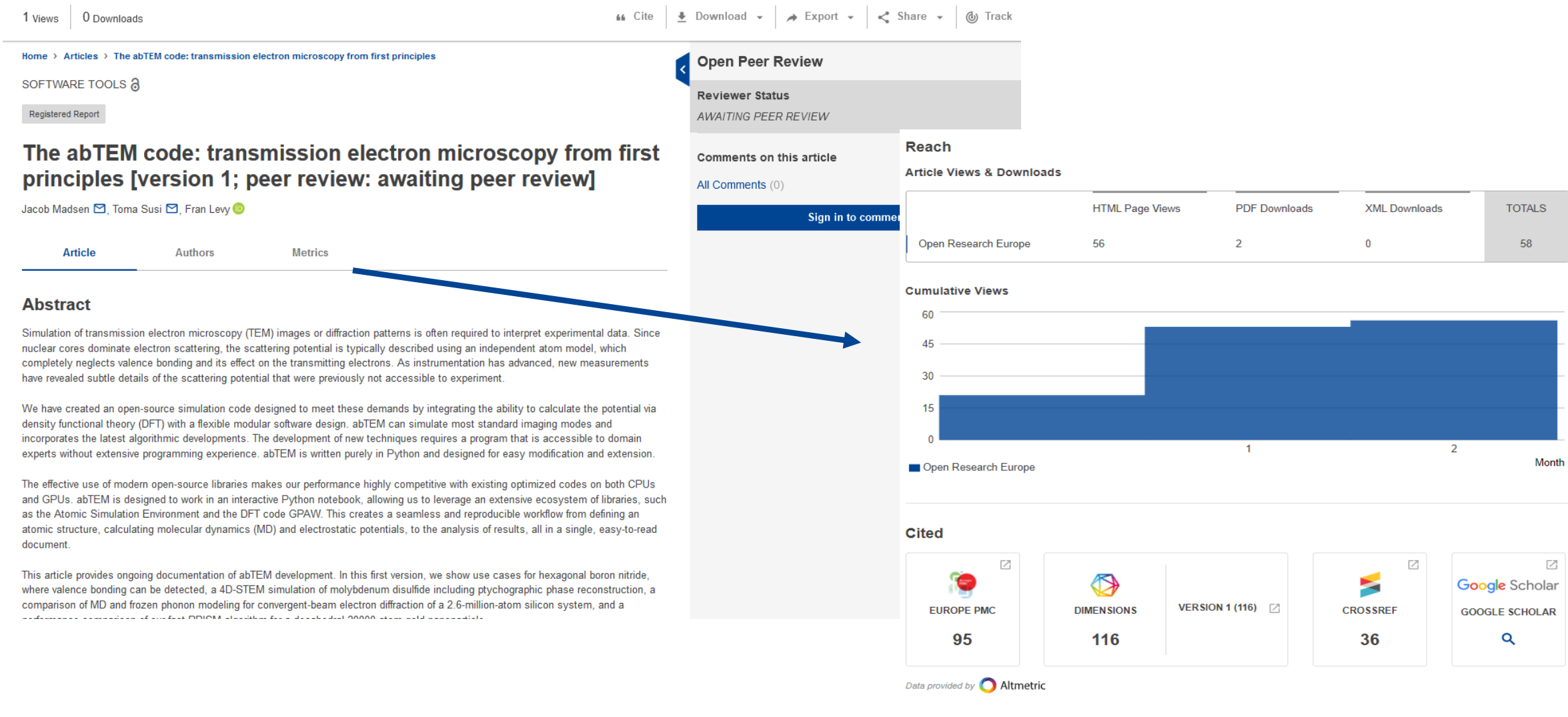
# ORE since launch (24 March 2021)

142 Submissions; 55 published to-date
**Authors from 29 different European countries**

**Top 10 countries for submissions:**

Germany  **36**
UK  **30**
Spain  **28**
Italy  **24**
France  **21**
The Netherlands  **17**
Greece  **15**
Austria  **13**
Belgium  **10**
Switzerland  **8**

(Czech Republic  **2**)
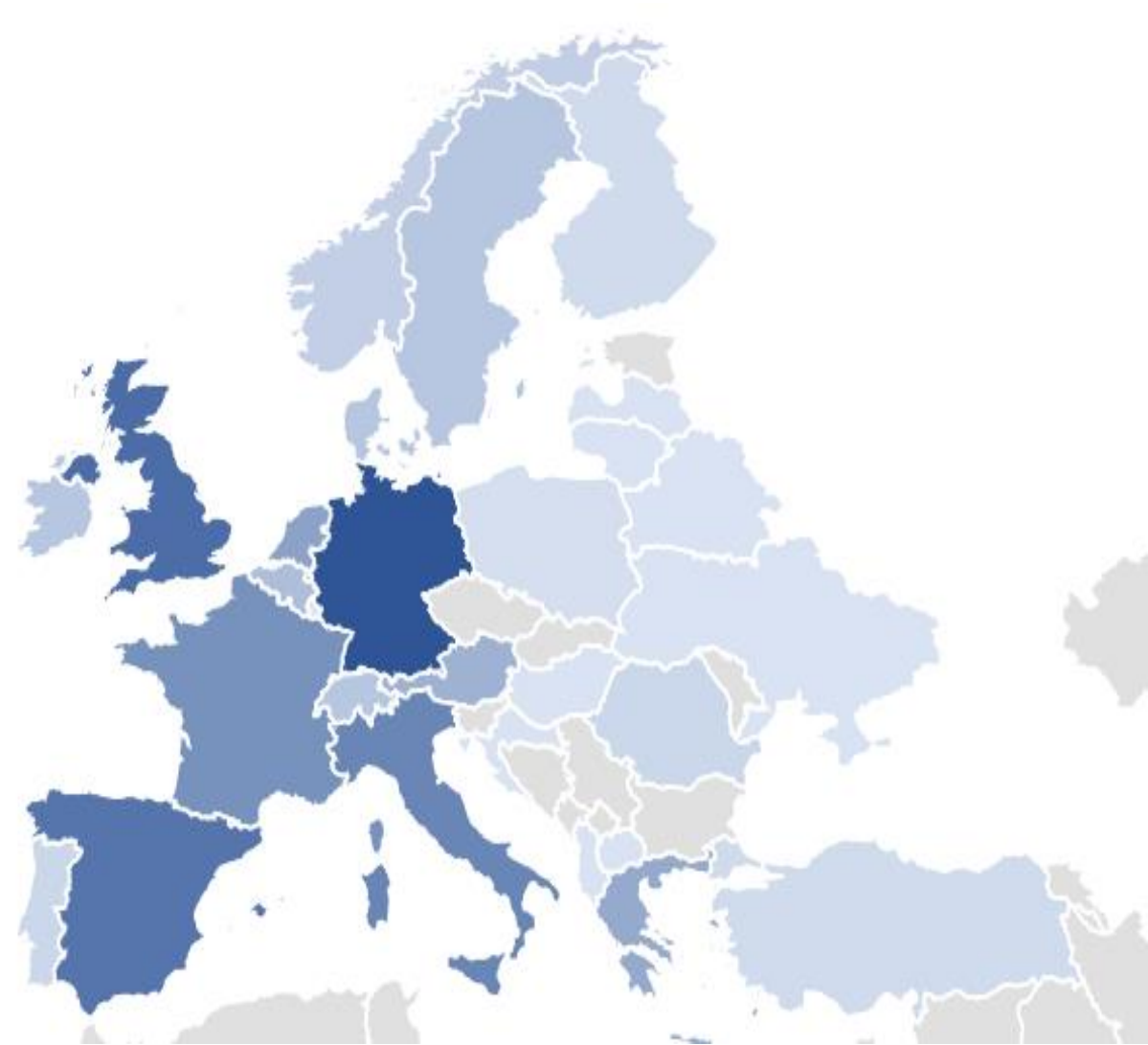
# Subject level breakdown



Humanities and the arts — 10%

Natural Sciences — 20%

Agricultural and veterinary sciences — 3%

Medicine and Health Sciences — 14%

Engineering and Technology — 22%

Social Sciences — 31%
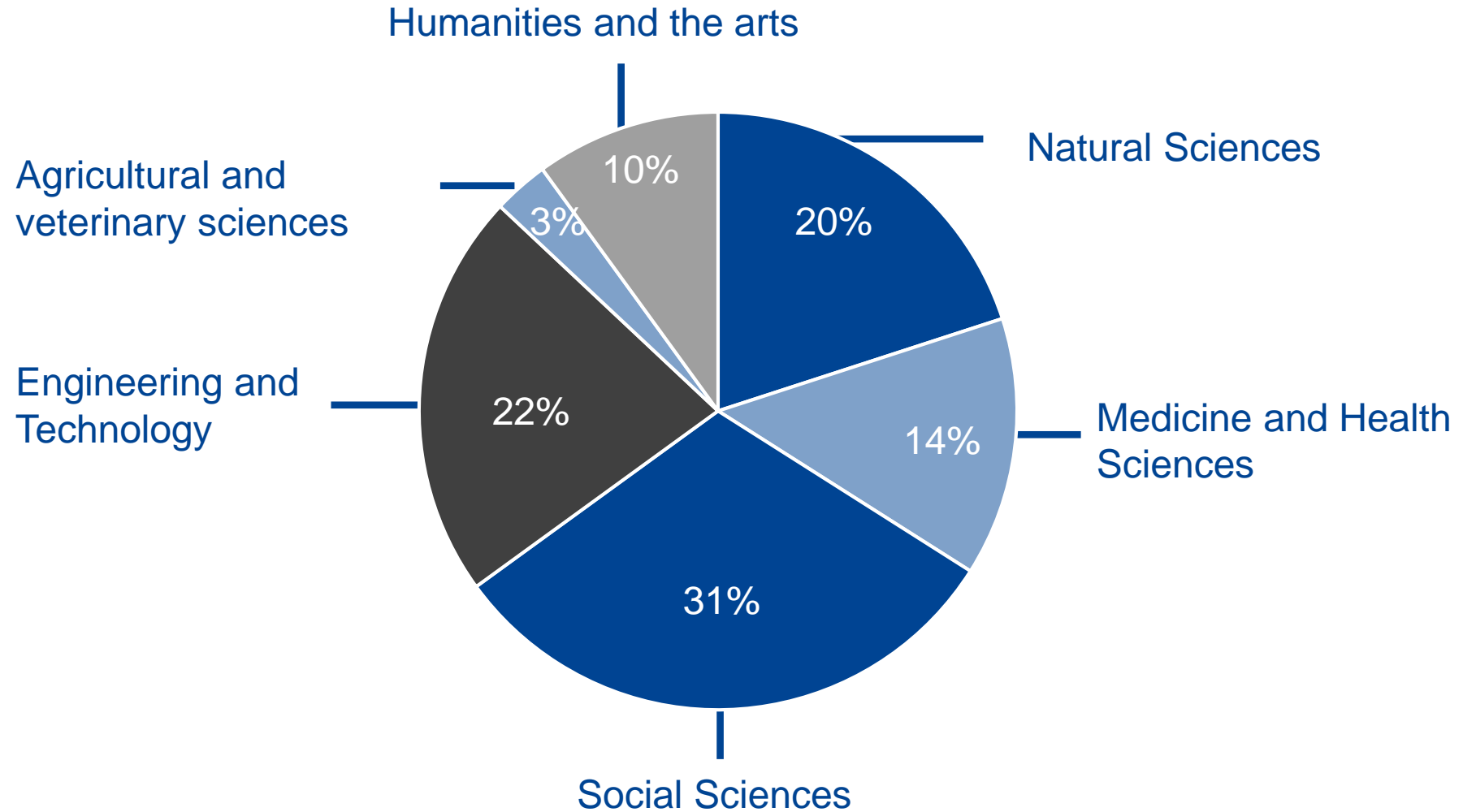
# Horizon 2020 programme breakdown



Societal Challenges — 28%

Excellent Science — 60%

Science with and for Society — 6%

Industrial Leadership — 6%
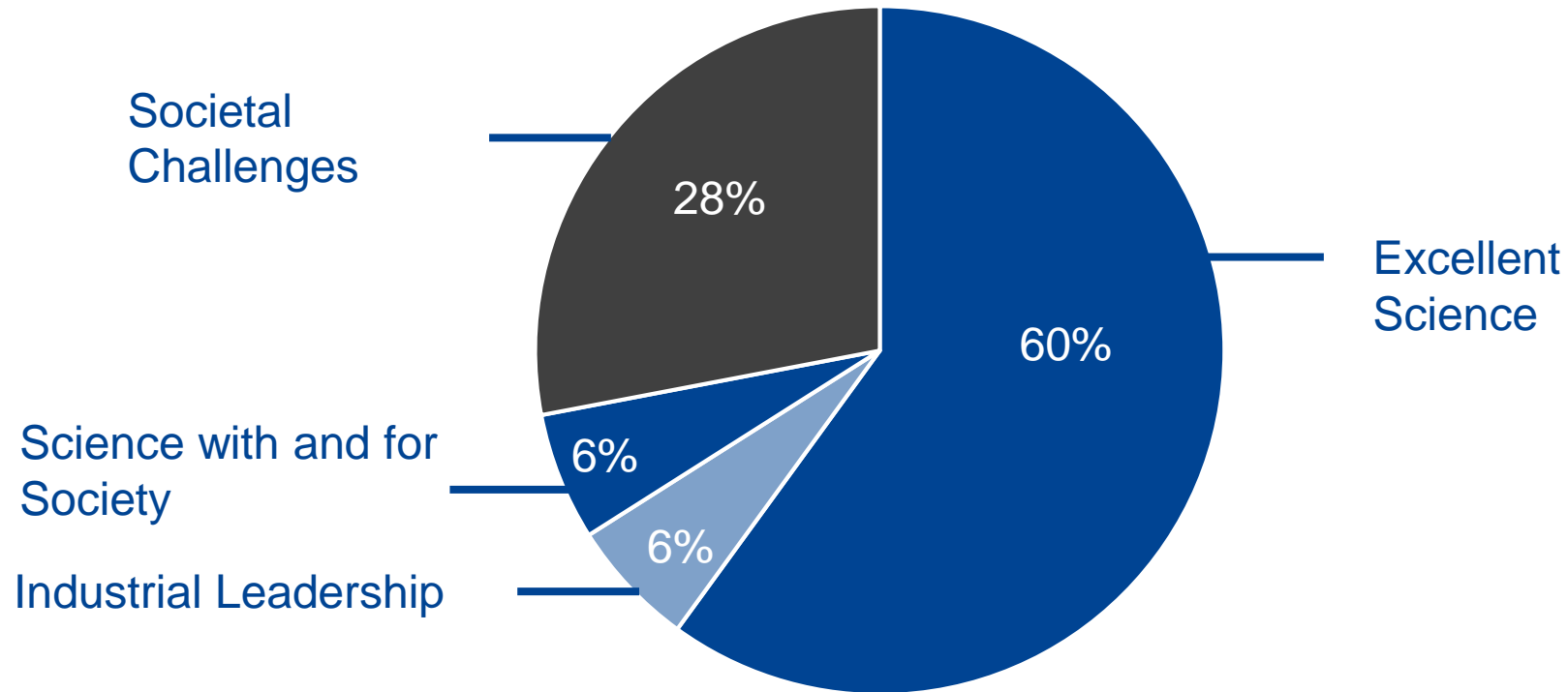
# Article type breakdown

| | |
|---|---|
| **Research Article** | **87** |
| **Software Tool** | **11** |
| **Methodology Article** | **10** |
| **Case Study** | **8** |
| **Review** | **7** |
| **Essay** | **5** |
| **Study Protocol** | **4** |
| **Systematic Review** | **4** |
| **Brief Report** | **3** |
| **Data Note** | **3** |



Research Articles 61%
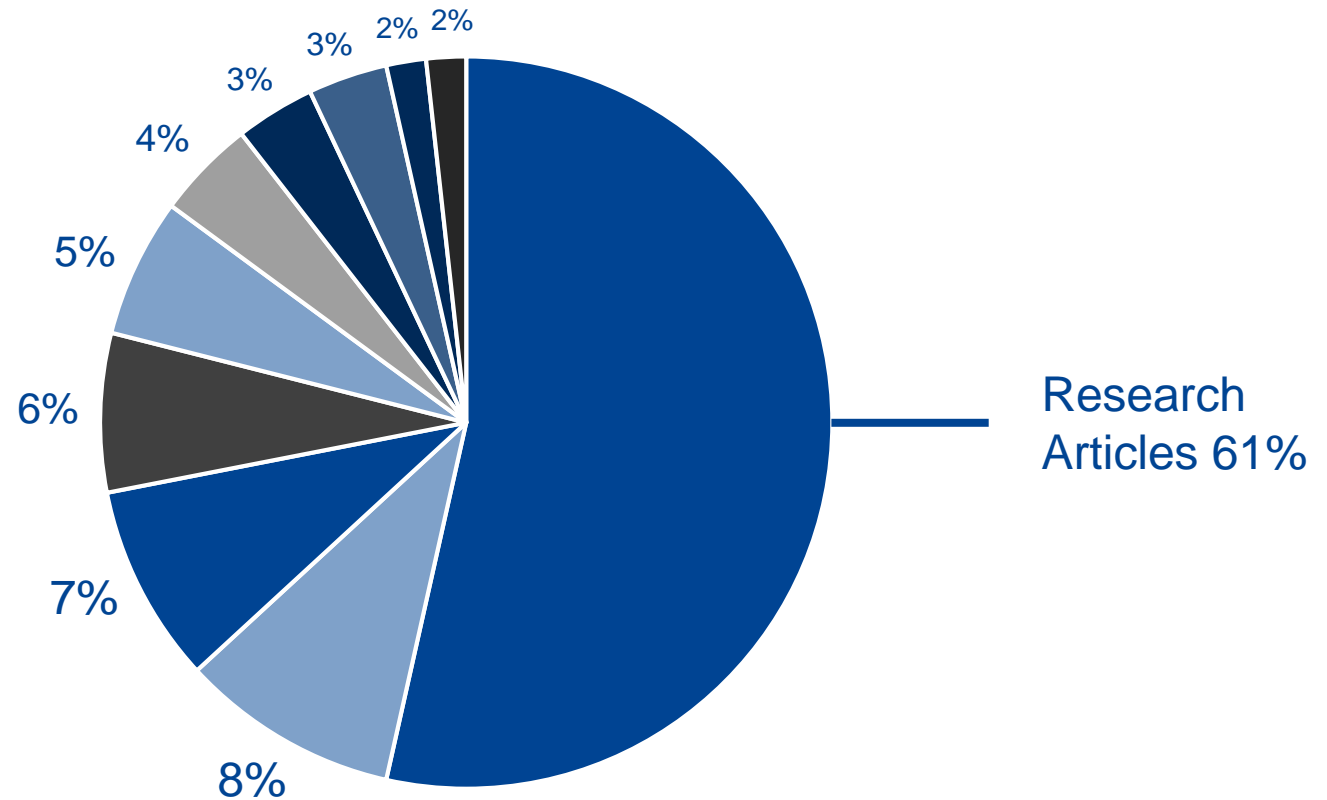
# Benefits of ORE to researchers

# Benefits of ORE to researchers - I

❚ **Open publishing maximizes the reach and impact of research**

- Preprints enable rapid sharing of work

- Citation advantage of linking publications to research data*, and supports reproducibility

- Open peer review enables constructive dialogue with other experts in the field

- Open research benefits society and its citizens

❚ **Reduces research waste**

- Broad range of article types supports researchers to share their findings throughout the research lifecycle, and including negative/null findings
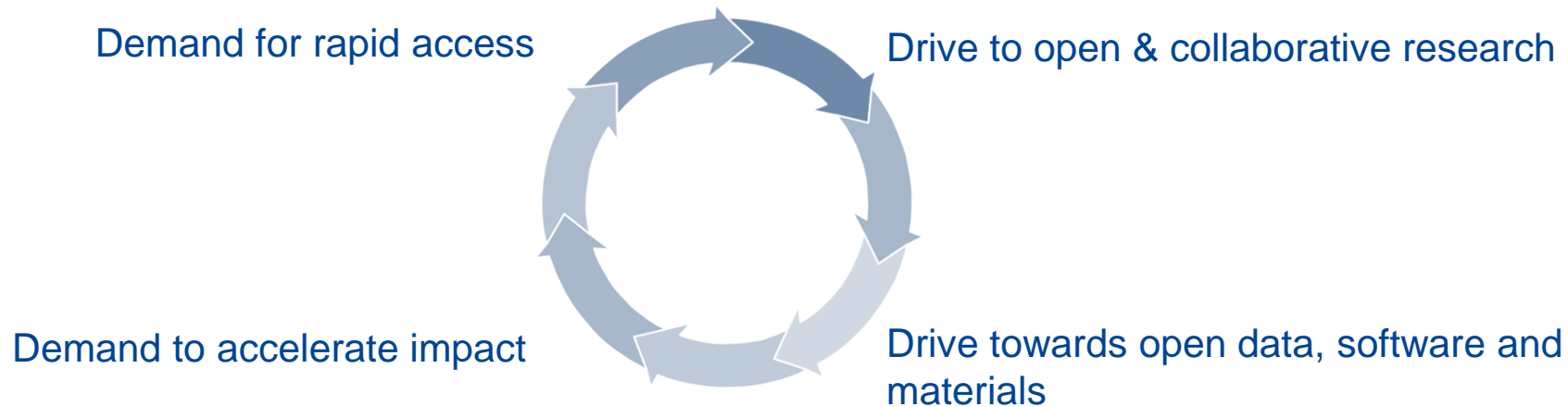
*https://doi.org/10.1371/journal.pone.0230416

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# Benefits of ORE to researchers - II

▌ **Publication is based upon the research itself, not perceived "impact"**

- Articles are published based on the article level content

- Authors are in control of the publication from start to finish

- Publication of all research findings, not just the positive ones

▌ **Particular benefits for Early Career Researchers**

Demand for rapid access

Drive to open & collaborative research

Drive towards open data, software and materials

Demand to accelerate impact

# Thank you!

**For questions:**

**info@open-research-europe.ec.europa.eu**


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