The European Research Council

Open Science obligations for ERC grantees

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Overview

- 1. Open Science obligations in Horizon Europe
- 2. Open Access to Publications in Horizon Europe
- 3. Responsible Research Data Management
- 4. Q&A



Established by the European Commission



Open Science in Horizon Europe

- "A policy priority for the European Commission and the standard method of working under its research and innovation funding programmes." (DG RTD)
- Expected impact: "Open Science as modus operandi of modern science" → Pillar I "Open Science" (Bottom-up research incl. ERC and MSCA).
- "Mainstreaming of open science practices for improved quality and efficiency of R&I, and an active engagement of society"





 "The ERC Scientific Council considers that providing free online access can be the most effective way of ensuring that the results of the research it funds can be accessed, read, and used as the basis for further advancement." (Work Programme 2024)







Open Science obligations in Horizon Europe

What is concerned and how?



All peer-reviewed scientific publications resulting from ERC projects must be **immediately** made available in Open Access, including monographs and long-texts.



Data sharing as 'open as possible, as closed as necessary': mandatory Data Management Plan for FAIR (Findable, Accessible, Interoperable, Reusable) research data

The **accepted manuscript** (AAM/'author's accepted manuscript') is the document all Open Access requirements relate to (such as for the deposition in an Open Access repository, embargo periods, licences etc.).

Responsibility for compliance with the Model Grant Agreement is shared by grantee and the host institution







Open Science obligations in Horizon Europe

Which Open Access costs are eligible?

Open Access fees are eligible costs and can be charged to the ERC grant (if incurred during the project period and in line with the grant agreement).

No extra funding for Open Access fees is available: we strongly advise to **include an estimate for Open Access fees in the budget**.

The detailed HE Open Science requirements are set out in the <u>ERC Model Grant Agreements</u> and on the ERC's <u>website</u>.





Open Access to Publications in Horizon Europe (1/2)

Deposition	Immediate deposition in OA repository
Version of the publication to be shared in OA	Final accepted manuscript (AAM) or published version (VoR)
Open Access repository	'Trusted repository for scientific publications'
Embargo period	No embargo period: immediate open access upon publication



Open Access to Publications in Horizon Europe (2/2)

Licence of the deposited version of the publication

Creative Commons (CC BY) or equivalent; for long-text formats CC BY-NC/ND/NC-ND acceptable (book chapters are treated like articles!)

Publication metadata (deposited version)

More detailed metadata, for example on licence, research data, outputs/ tools, PIDs, etc.

Publication **fees** (APC, BPC, other fees)

'Only publication fees in full open access venues for peer-reviewed scientific publications are eligible for reimbursement'



Responsible Research Data Management

Pls must deposit 'digital research data generated in **Deposition** and the project' as soon as possible (to be outlined in the sharing of data DMP) **Data Management** Plan (DMP) (due at **All ERC projects** month 6) Data **repository** 'Trusted repository' + Metadata Licence Creative Commons (CC BY or CC0) or equivalent





What is an acceptable OA repository?

- ERC PIs can choose a suitable open access repository, which can be institutional (for example a university repository), subject-based, or centralised/general (for example Zenodo).
- For Horizon Europe projects, the (publication and data) repositories must be 'trusted' ones, with additional quality and metadata requirements.
- Information must be given via the repository about any research output or any other tools and instruments needed to validate the conclusions of the scientific publication.

What are NOT acceptable OA repositories?

- Personal websites and databases, publisher websites, as well as cloud storage services (Dropbox, Google drive, etc) are NOT considered repositories.
- Academia.edu, ResearchGate and similar platforms do not allow open access under the terms required and therefore are also NOT considered repositories.



Data Management Plan Template

- The ERC Data Management Plan* (DMP) template offers a set of guiding questions.
- PIs can also use their institution's template, as long as it addresses the main points, in particular the FAIR principles:
 - Making data Findable,
 - Making data openly Accessible,
 - Making data Interoperable,
 - Increase data Re-use,
 - Allocation of resources and data security.



ERC OPEN RESEARCH DATA MANAGEMENT PLAN (DMP)

European Research Council
Established by the European Commission

Project Acronym

Project Number

Template for the ERC Open Research Data Management Plan (DMP)¹. The following sections should describe how you plan to make the project data Findable, Accessible, Interoperable and Reusable (FAIR). Each of the following five issues should be addressed with a level of detail appropriate to the project.

SUMMARY (dataset² reference and name; origin and expected size of the data generated/collected; data types and formats)

https://erc.europa.eu/sites/default/file s/document/file/ERC-Data-Management-Plan.docx

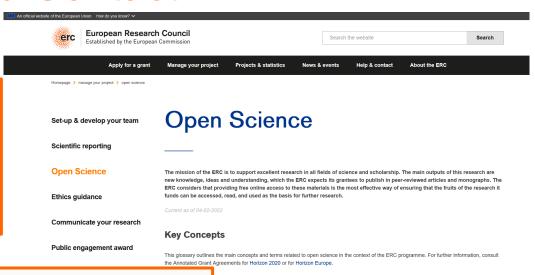




ERC Resources and Contact

https://erc.europa.eu/manage-yourproject/open-science

https://erc.europa.eu/manage-your-project/scientific-reporting





The ERC scientific follow-up team:

ERC-SCIENTIFIC-FOLLOW-UP@ec.europa.eu

The ERC Open Science team:

ERC-OPEN-ACCESS@ec.europa.eu



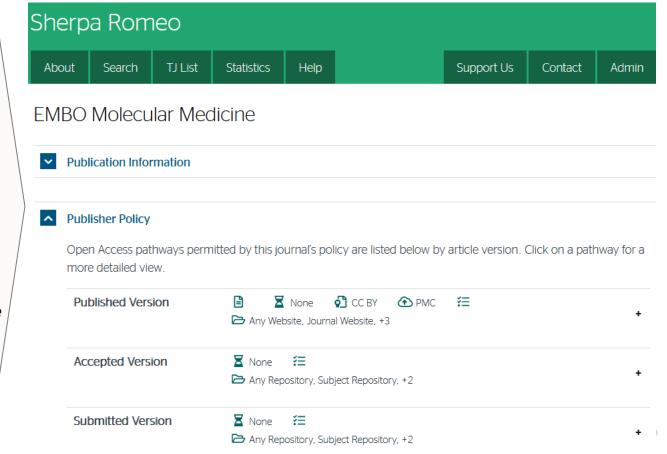


Open Science web resources: Sherpa Romeo

You can use web platforms such as 'Sherpa Romeo' to look up the manuscript sharing conditions of journals:

https://v2.sherpa.ac.uk/romeo/

(if in doubt, double-check the information directly with the journal or publisher!)







Open Science web resources: OAPEN



https://oapen.org/

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Deposit your ERC publication

Go directly to ERC-OAPEN Deposit form

If you are the author or publisher of a publication based on research funded by the ERC please use this form to deposit the monograph or book chapter for inclusion in the OAPEN Library. If you prefer to fill in the form offline, you can download it here.

Please consult the ERC OA requirements for full details.

If you have any questions about completing this form, please contact: deposit[@]oapen.org

LINKED

ERC - European Research Council

ERC Deposit - introduction

ERC Deposit Service for publishers

ERC OA requirements

Licensing options

List of compliant book publishers

Open Acces through self-archiving

Publisher agreements

Register your upcoming publication





Responsible Research Data Management

	Horizon 2020	Horizon Europe
Deposition and sharing of data	Pls 'must aim to deposit the research data'	Pls must deposit 'digital research data generated in the project' as soon as possible (to be outlined in the DMP)
Data Management Plan (DMP) (due at month 6)	Only ERC projects participating in the 'Open Research Data Pilot'; the participation is voluntary	All ERC projects
Data repository	'Research data repository'	'Trusted repository' + Metadata
Licence	No specific requirements	Creative Commons (CC BY or CC0) or equivalent

Open Access to Publications (1/2)

	Horizon 2020	Horizon Europe
Deposition	Immediate deposition in OA repository (no change!)	
Version of the publication to be shared in OA	Final accepted manuscript (AAM) or published version (VoR) (no change!)	
Open Access repository	'Repository for scientific publications'	'Trusted repository for scientific publications'
Embargo period	Maximum of 6 months (12 months for Social Sciences and Humanities)	No embargo period: immediate open access upon publication





Open Access to Publications (2/2)

	Horizon 2020	Horizon Europe
Licence of the deposited version of the publication	No specific requirements	Creative Commons (CC BY) or equivalent; for long-text formats CC BY-NC/ND/NC-ND acceptable (book chapters are treated like articles!)
Publication metadata (deposited version)	Basic metadata (PID, etc.)	More detailed metadata, for example on licence, research data, outputs/ tools, PIDs, etc.
Publication fees (APC, BPC, other fees)	Eligible costs, if they incur during the project lifetime and are in line with the grant agreement	'Only publication fees in full open access venues for peer-reviewed scientific publications are eligible for reimbursement'