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# MSCA Postdoctoral Fellowship and Open science

-how to deal with these issues in the proposal





## Main points

- Open science part of the evaluation criteria
- What is required for publications under Horizon Europe
- What is required for research data under Horizon Europe
- How to deal with this in the proposal
- Resources available



# MSCA Postdoctoral Fellowship in Horizon Europe

“...promoting Open Science practices through targeted training activities, ensuring open access to research outcomes, including FAIR\* data handling...”

\*FAIR = Findable, Accessible, Interoperable, Reusable

From the work programme for MSCA (adopted 15 June)



# Award criteria



Excellence	Impact	Quality and efficiency of the implementation
<p>Quality and pertinence of the <b>project's research and innovation objectives</b> (and the extent to which they are ambitious, and go beyond the state of the art)</p>	<p>Credibility of the measures to <b>enhance the career perspectives and employability</b> of the researcher and contribution to his/her skills development</p>	<p>Quality and effectiveness of the <b>work plan</b>, assessment of risks and appropriateness of the effort assigned to work packages</p>
<p><b>Soundness of the proposed methodology</b> (including <i>interdisciplinary</i> approaches, consideration of the <i>gender</i> dimension and other <i>diversity</i> aspects if relevant for the research project, and the quality of <i>open science</i> practices)</p>	<p>Suitability and quality of the measures to maximise <b>expected outcomes and impacts</b>, as set out in the dissemination and exploitation plan, including communication activities</p>	<p>Quality and capacity of the <b>host institutions and participating organisations</b>, including hosting arrangements</p>
<p>Quality of the <b>supervision, training and of the two-way transfer of knowledge</b> between the researcher and the host</p>	<p>The magnitude and importance of the project's contribution to the <b>expected scientific, societal and economic impacts</b></p>	
<p>Quality and appropriateness of the <b>researcher's professional experience</b>, competences and skills</p>		
<p><b>50%</b></p>	<p><b>30%</b></p>	<p><b>20%</b></p>





# Open science practices

- early and open sharing of research (for example through preregistration, registered reports, pre-prints)
- research output management including research data management
- measures to ensure reproducibility of research outputs
- providing open access to research outputs (e.g. publications, data, software, models, algorithms, and workflows) through deposition in trusted repositories
- participation in open peer-review





# Requirements publications in Horizon Europe

Beneficiaries must ensure Open Access to peer-reviewed scientific publications relating to their results. In particular, they must ensure:

at the latest upon publication, deposition of the accepted author manuscript (AAM) or version of record (VoR) in a trusted open access repository\* under a CC-BY license\*\* or equivalent

\*Diva at UU qualify as a trusted repository

\*\*CC BY: This license allows reusers to distribute, remix, adapt, and build upon the material in any medium or format, so long as attribution is given to the creator. The license allows for commercial use.





# Requirements research data in Horizon Europe

Beneficiaries must manage the digital research data generated in the action responsibly, in line with the FAIR principles and:

- establish + regularly update a data management plan ('DMP') for generated (and/or collected) data; by month 6 of project;
- as soon as possible and within the deadlines set out in the DMP, deposit the data in a trusted repository + ensure OA under CC BY, CC 0 or equivalent, following the principle 'as open as possible as closed as necessary'
- provide information via the repository about any research output/tools/instruments needed to re-use or validate the data







# Open science in the proposal – examples

## Excellence – methodology section

”Quality of the open access practices” – from the evaluation criteria

## Impact

”Contribution to his/her skills development” – from the evaluation criteria

Enhancing and facilitating scientific and societal impact

## Implementation

the activities related to open science, including training activities

establishing and updating the data management plan



# Training activities open science

The training activities implemented under the Postdoctoral Fellowships must include training for key transferable skills, foster innovation and entrepreneurship, and promote Open Science practices (open access to publications and to research data, FAIR data management, etc.).

## **Courses/information meetings organized by Uppsala University Library**

Research policy and open science

Data Management Plans



Probably more information in the template and guide for evaluators



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**Postdoctoral Fellowships**

## Postdoctoral Fellowships

The information provided on this page is a summary of the main rules and requirements for Postdoctoral Fellowships (PFs) and who can apply for them.



## Resources Uppsala University

### Uppsala University Library

- Information and advice related to open access in publications

Arrange a number of relevant courses

### Data office Uppsala University

Information and advice related to research data management including establishment of Data Management Plan

Digital tool for Data Management Plan

### SciLifeLab

National Bioinformatics Infrastructure Sweden (NBIS)



### Ask The Library

A librarian is available for questions.

You can also contact us by

Phone: 018-471 39 00

E-mail: [ask.library@ub.uu.se](mailto:ask.library@ub.uu.se)

or look for the answer in [our FAQ](#)

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NO THANKS

