**Dissemination and Evaluation of Research Results Division**
Helpdesk for Scientific Publications: iris@unitn.it
Helpdesk for Research data: opendata@unitn.it

UNIVERSITÀ DI TRENTO
Direzione
Servizi alla Ricerca e Valorizzazione

# Open Science obligations in Horizon Europe

The purpose of this document is to provide to the researchers of the University of Trento a very condensed summary of Open Science obligations in Horizon Europe, with references to useful material we strongly recommend them to read to get familiar with key concepts.

Horizon Europe grant beneficiaries must comply with the open science obligations outlined in the Article 17 and the Annex 5 of the *Model Grant Agreement* [1]. They provide complete information about how to comply with EU obligations and recommendations. Chapter 5 describes consequences of non-compliance, such as rejection of costs, grant reduction, suspension and termination of payments. A summary of mandatory and recommended open science practices, together with a brief explanation of the main related concepts, is available in Section 16 of the Horizon Europe Programme Guide [2]. Mandatory open science practices include:

1. **Open access to scientific publications:** authors must retain enough rights in order to publish them on open access journals (yet, costs are eligible only for publications in full open access journals) and at the same time to self-archive them in a trusted repository (i.e., in the institutional repository [4]):

    **a)** at the latest at the time of publication, the PDF of the published version (editorial version) or the final peer-reviewed accepted version (post-print)

    **b)** immediately (i.e. no embargo), a PDF version that can be disseminated with a CC-BY licence or a licence with equivalent rights (for monographs and other long-text formats, the licence may exclude commercial uses and derivative works, e.g. CC BY-NC, CC BY-ND)

2. **Responsible management of research data** in line with the FAIR principles (Findability, Accessibility, Interoperability and Reusability), notably through the generalised use of a Data Management Plan to be developed following the official template [3] as a (preferably public) deliverable by month 6 and revised periodically towards the end of the project's lifetime.

3. **Open access to research data** under the principle *as open as possible, as closed as necessary* via the deposit in a trusted repository federated with EOSC (e.g. in Zenodo) with a CC-BY license for data and CC0 for metadata sharing and re-use, and with an extensive usage of persistent identifiers;

4. **Reproducibility of research outputs** by (a) providing information about the research outputs, tools and instruments needed to validate the conclusions of scientific publications or to validate and re-use research data, and (b) ensuring digital or physical access to the results needed to validate the conclusions of scientific publications, unless exceptions apply;

5. In cases of **public emergency**, if requested by the granting authority, immediate open access to all research outputs under open licenses or, if exceptions apply, access under fair and reasonable conditions to legal entities that need the research outputs to address the public emergency

Recommended open science practices include involving all relevant knowledge actors, including citizens, early and open sharing of research, output management beyond research data, open peer-review.

## References

[1] Horizon Europe Model Grant Agreement: https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/agr-contr/general-mga_horizon-euratom_en.pdf
[2] Horizon Europe Programme Guide: https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/programme-guide_horizon_en.pdf
[3] Data Management Plan template: https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/temp-form/report/data-management-plan-template_he_en.docx
[4] The institutional repository of scientific publications the University of Trento: https://iris.unitn.it/