



UiO : University of Oslo Library

Requirements from institutions & funding bodies

Elixir Data Management Planning workshop for Life Science
Projects 10/12/2020

Elin Stangeland, Digital services
University of Oslo Library



For employees

[All content](#)[Research support](#)

Research Data Management

[Norwegian](#)

Organisation

Contact us at research-data@uio.no

Read more about how the research data work is organised at UiO.

[→ Organisation](#)[→ Go to introduction](#)

Laws and regulations



Funding agencies' requirements and guidelines



UiO's Policies and guidelines



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Policies and guidelines for research data management

On May 14. 2020, the rectorate approved updated policies and guidelines for research data management. The University of Oslo's policy follows the "open as standard" principle in terms of access to research data. UiO will contribute to making research data openly available, but exceptions can be made for data that cannot and should not be made available.

Research data are representations of observations, objects, or other entities used as evidence of phenomena for the purpose of research or scholarship

- Observational data
- Computational data
- Experimental data
- Records

The policy

The University of Oslo aims to manage research data according to international standards, such as [the FAIR principles](#), [CARE principles](#) and thereby support the development of a global research community in which research data is widely shared. This should contribute to:

- improved quality of research by building on previous works and compiling research data in new ways
- transparency in the research process and better opportunity for verifiability of scientific results
- increased cooperation and less duplication of research work
- increased innovation in the private and public sectors
- efficiency improvement and better utilisation of public funds

Research data should be:

- accurate, complete, genuine, and reliable
 - findable, accessible, interoperable and reusable
 - securely stored and/or archived
 - maintained in accordance with legal and research-ethical obligations
 - shareable with others in line with relevant ethical principles for sharing of research data.
-
- Made accessible at the earliest possible time, but after research team's first right of use period.



Guidelines

1. Research data shall be made openly available for further usage
2. Research data should be made available at an early stage
3. Research data shall be provided with a data management plan
4. Research data shall have metadata and be documented
5. Research data must be securely archived
6. Research data shall be provided with licenses for access, reuse and redistribution
7. Research data should be made freely available, but the actual distribution cost should be covered

Responsibilities

- UiO is responsible for facilitating the information flow, competence measures and research support systems that simplify the implementation process of the principles and requirements mentioned above.
- Scientists and students are responsible for managing research data according to the principles and requirements stated above.
- Supervisors of ph.d candidates and students have a special responsibility for ensuring that candidates and students attend courses and manage research data according to the above guidelines.

Exceptions to sharing research data open access

- Security considerations
- Sensitive personal data
- Other legal provisions
- Commercial conditions



Horizon 2020
European Union Funding
for Research & Innovation

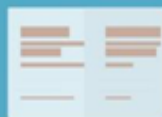
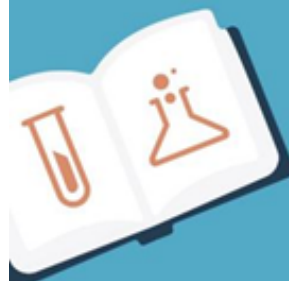
RESEARCH DATA – OPEN BY DEFAULT

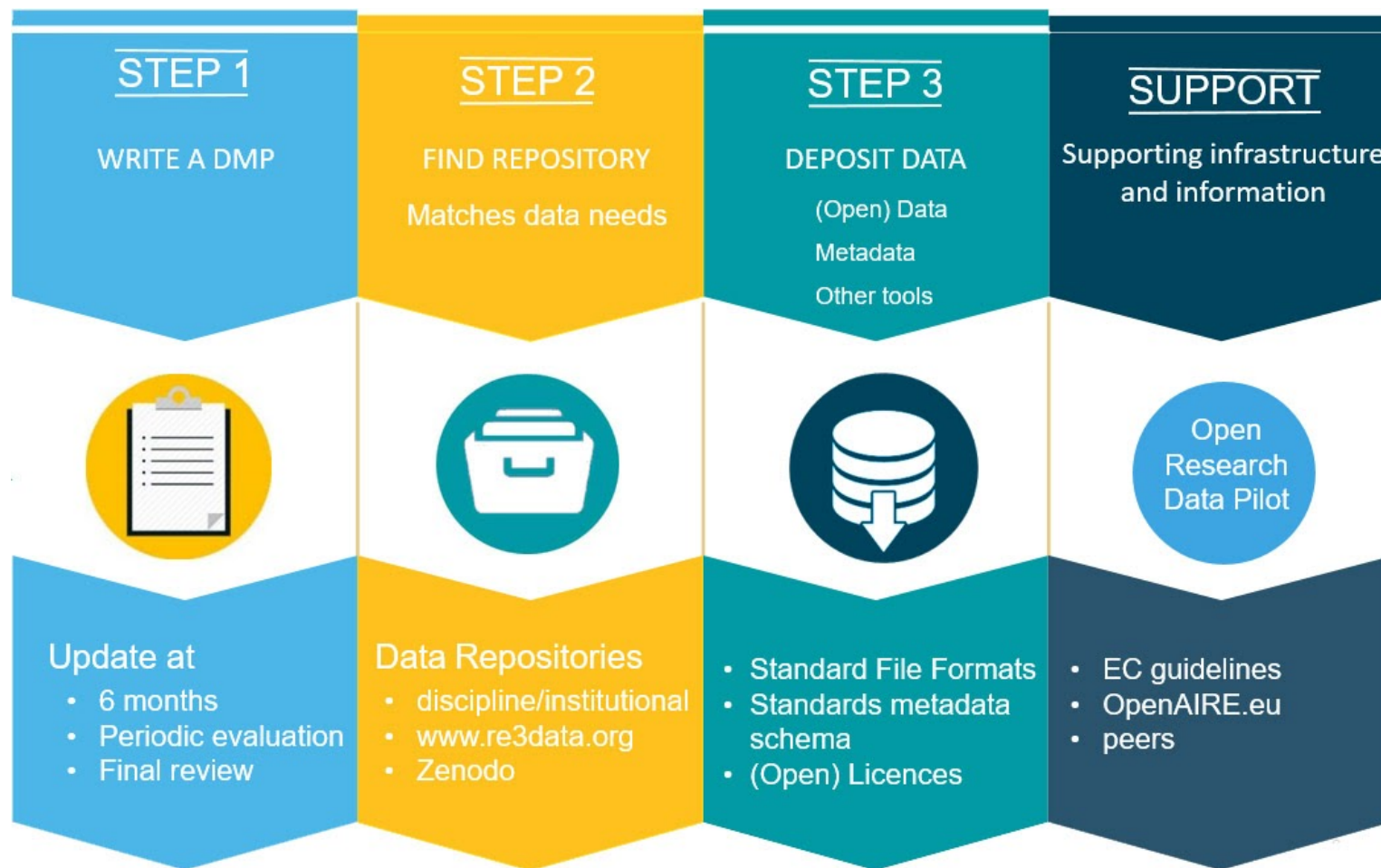
Horizon 2020 grantees are required

take measures to ensure
open access to the **data**
underlying their
scientific publications

provide open access
to **any other research**
data of their choice

Horizon 2020 grantees
are **encouraged**
to **also share datasets**
beyond publication





BE PART OF THE NEW ERA OF OPEN SCIENCE



reach more
people,
have greater
impact



avoid
duplication
of efforts

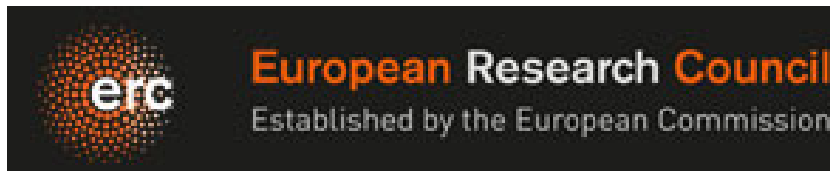


preserve data
for future
researchers



simplify final
Horizon 2020
reporting
thanks to an
up-to-date DMP

- **Costs:** - costs for data management are eligible for reimbursement for the duration of the grant agreement.
- **Opting-out:** It is possible to opt-out (not share your data) at any stage: during the application phase or the grant agreement preparation phase or after signing the grant agreement. However, projects that opt out are still encouraged to submit a DMP on a voluntary basis.
- **Horizon Europe:** Require research data to be FAIR and open by default



- Frontier Research Grant (Starting Grant / Consolidator Grant / Advanced Grant / Synergy Grant)
- All ERC projects funded under the Work programmes 2017 and later participate by default in the Horizon 2020 Open Research Data (ORD) pilot, with the possibility for grantees to opt out at any time.

Data management planning

Topics to be covered:

- 1.Data set description
- 2.Standards and metadata
- 3.Name and persistent identifier for the data sets
- 4.Curation and preservation methodology
- 5.Data sharing methodology



Open by default

- Data created through research funded by the Research Council

FAIR – Findable, accessible, interoperable and reusable

Guidelines

1. Research data must be stored/archived in a safe and secure manner.
2. Research data must be made accessible for reuse.
3. Research data should be made accessible at an early stage.
4. Research data must be accompanied by standardised metadata.
5. Research data must be provided with a license for access, reuse and redistribution
6. Research data should be made accessible at the lowest possible cost.
7. The management of research data must be described in a data management plan.

Requirements

- The R&D-performing institution must assess the need to develop a data management plan in relation to all projects awarded Research Council funding. If you decide that a data management plan is not needed, you must provide an explanation.
- This plan must be delivered in connection with the revised grant application.
- A final version of the data management plan in connection with the final report of the project.

The plan is a living document that follows the research project and specifies the following:

- the kind of data that will be generated;
- how the data will be described;
- where the data will be stored;
- whether and how the data can be shared.