RDM funding

General Information

Cost factors

- existing RDM expertise
- data volume
- heterogeneity/complexity of data
- sensitive/personal data
- required computer power and data interfaces
- usage and access model
- compliance with legal aspects (purchase of equipment/ software for data protection etc.)
- licensing costs

> *Attention:*
>
> *Personnel/staff costs are by far the biggest expense. They can take up anywhere from 40% to 70% of the total RDM budget.*
> *This is especially true for sensitive and personal data where a lot of time and effort has to be invested into anonymising/pseudonymising the data as well as obtaining informed consent..*

Data Archiving

Highest cost in the first phase of archiving: When separating data preservation and archiving into three main phases (ingest, preservation, access), roughly half of the cost is incurred at the point of ingest. This is due to the effort needed when preparing data for the ingest into an archive (quality control, assigning meta data, formatting issues, packing). The second most expensive phase is providing access to the data. The preservation itself is the least cost-sensitive part of archiving.
Waiting and doing nothing is not advisable: The resources needed for the ingest phase should be calculated into the project budget from the beginning, because otherwise expenses might get out of hand. If data are prepared for archiving and preservation early on (throughout the duration of the project), this will make data management more efficient and less costly. [1]

Funders' Regulations

Deutsche Forschungsgemeinschaft (DFG)

„Project-specific cost, which are incurred during the processing and preparation of research data during a scientific project in order to facilitate re-use and ingest into existing infrastructures can be obtained via a DFG grant application. Moreover, costs that are incurred for the use of relevant infrastructures can be granted. Costs eligible for funding include personnel/staff costs, project-specific hard- and software as well as usage fees." [2] (*translated from German*)

Which RDM-related costs can be funded?

- staff/personnel for RDM-related tasks (preparation for archive ingest etc.)
- usage and membership fees for RDM-related infrastructures
- project-specific hard– and software
- Infrastructre projects (INF) for Collaborative Research Centers (German: Sonderforschungsbereich)
- coordination/data management modules in joint projects
- RDM training in graduate colleges

[1] http://forschungsdaten.info/themen/planen-und-strukturieren/fdm-budgetplanung/
[2] DFG—Leitlinien zum Umgang mit Forschungsdaten, 2015: https://dfg..de/download/pdf/foerderung/antragstellung/forschungsdaten/ richtliinien_forschungsdaten.pdf

RDM funding

European Commission (Horizon 2020)

"Costs related to open access to research data in Horizon 2020 are eligible for reimbursement during the duration of the project under the conditions defined in the H2020 Grant Agreement, in particular Article 6 and Article 6.2.D.3, but also other articles relevant for the cost category chosen." [3]

Attention

- **calculate and plan** costs early on
- **record** projected costs **in your Grant Agreement**
- **explain Open Data relevance** and relevance to FAIR principles
- **spend** allotted funds **DURING project duration**

You may also be interested in pre-calculating your RDM-related costs with the OpenAIRE RDM Estimating Costs Tool:
https://www.openaire.eu/how-to-comply-to-h2020-mandates-rdm-costs

Federal Ministry of Research and Education

Only applicable for educational research disciplines:

" Funds can be granted for the management of self-generated data, for fees incurred via the usage of secondary data, for investments and other items." [4] *(translated from German)*

This fact sheet gives a short overview of RDM costing aspects as well as the RDM costing regulations of some funding organisations. If you have further questions regarding this topic, we offer personal advice.
Contact us: https://forschungsdaten-thueringen.de/contact.html

[3] European Commission (2016): Horizon 2020 Programme. Guidelines on FAIR Data Management in Horizon 2020, Version 3.0.
[4] Verbund Forschungsdaten Bildung (2015): Checkliste zur Erstellung eines Datenmanagementplans für die Bildungsforschung 1.0, http://www.forschungsdaten-bildung.de/dmp