

# THE PATH TO A SUCCESSFUL RESEARCH PROJECT

how to get on the right track with FAIR data management

## Applying for funding



**FAIR data contribute to the funding process**

- Find information and guidelines on e.g. [openaire.eu](http://openaire.eu)
- Prepare a data management plan on: [dmponline.deic.dk](http://dmponline.deic.dk)
- Contact your research library or the research support at your institution for help.

**How?**



**Why?**

- You increase the chances of a successful application.
- You comply with international standards and institutional policies.
- You have a strategy for good data management in your project.

## Planning a research project



**FAIR data support project planning**

- Define responsibilities for data management among the project partners, e.g. in a data management plan.
- Agree on common standards / conventions for collecting, storing and documenting the data.
- Ensure that all data from the project are shared on a common, secure platform.

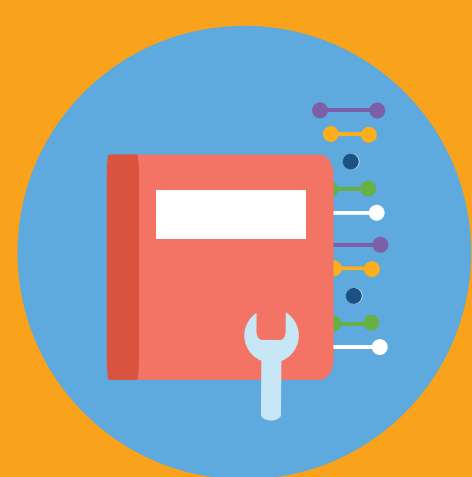
**How?**



**Why?**

- You save time introducing new members to the project.
- You avoid data loss when someone leaves the project.
- You enable easy reuse of data generated so far.

## Conducting research



**FAIR data assist in navigating project changes**

- Document methods and decisions in a systematic manner, e.g. using common templates.
- Use common standards for collecting, storing and documenting data, e.g. on file names, file formats, table contents, etc.
- Store all data in a structured way on a shared and secure system that is accessible for the project members.

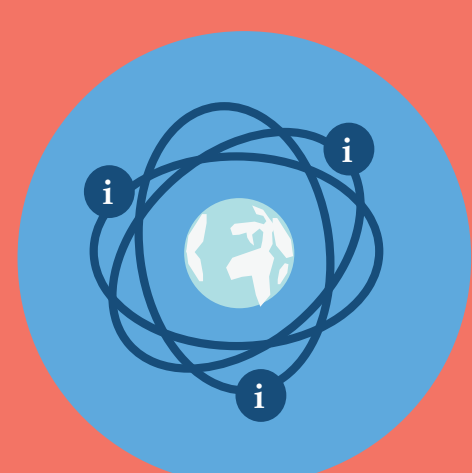
**How?**



**Why?**

- You can extend your analysis by finding new suitable datasets more quickly.
- You can reuse existing datasets more easily for e.g. new analysis.
- You minimize the risk of wasting time and money on duplicate work.

## Working in collaborations



**FAIR data help to share information in my project**

- Make agreements on how research data are managed and shared between research partners.
- Establish clear guidelines on how to document data in a consistent form, e.g. as templates for tables or notebooks.
- Use a secure shared storage system with controlled access management for all data.

**How?**



**Why?**

- You avoid misunderstandings regarding access to and use of the data.
- You foster collaboration to make best use of the data, speed up the processes and reduce administration.
- You improve the quality of the data and thus the scientific output from the project.

## Publishing results



**FAIR data can help boost my career**

- Give peer reviewers access to the data underlying your manuscript to increase the chances of your paper being published.
- Provide your datasets with usage licenses and persistent identifiers, e.g. DOIs, so others can find, reuse and cite them.
- Publish information about your research data where others will see them, e.g. in data repositories or on social media.

**How?**



**Why?**

- Your research becomes more transparent and trustworthy.
- You will be given credit every time your dataset is used and cited in a publication.
- You and your work will become more visible, also outside the research community.

Read more: [www.vidensportal.deic.dk/FAIR](http://www.vidensportal.deic.dk/FAIR)

FAIR data are: Findable, Accessible, Interoperable and Reusable.

Making your data FAIR means maximizing the project's output, increasing your impact and enhancing your recognition as a researcher.



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