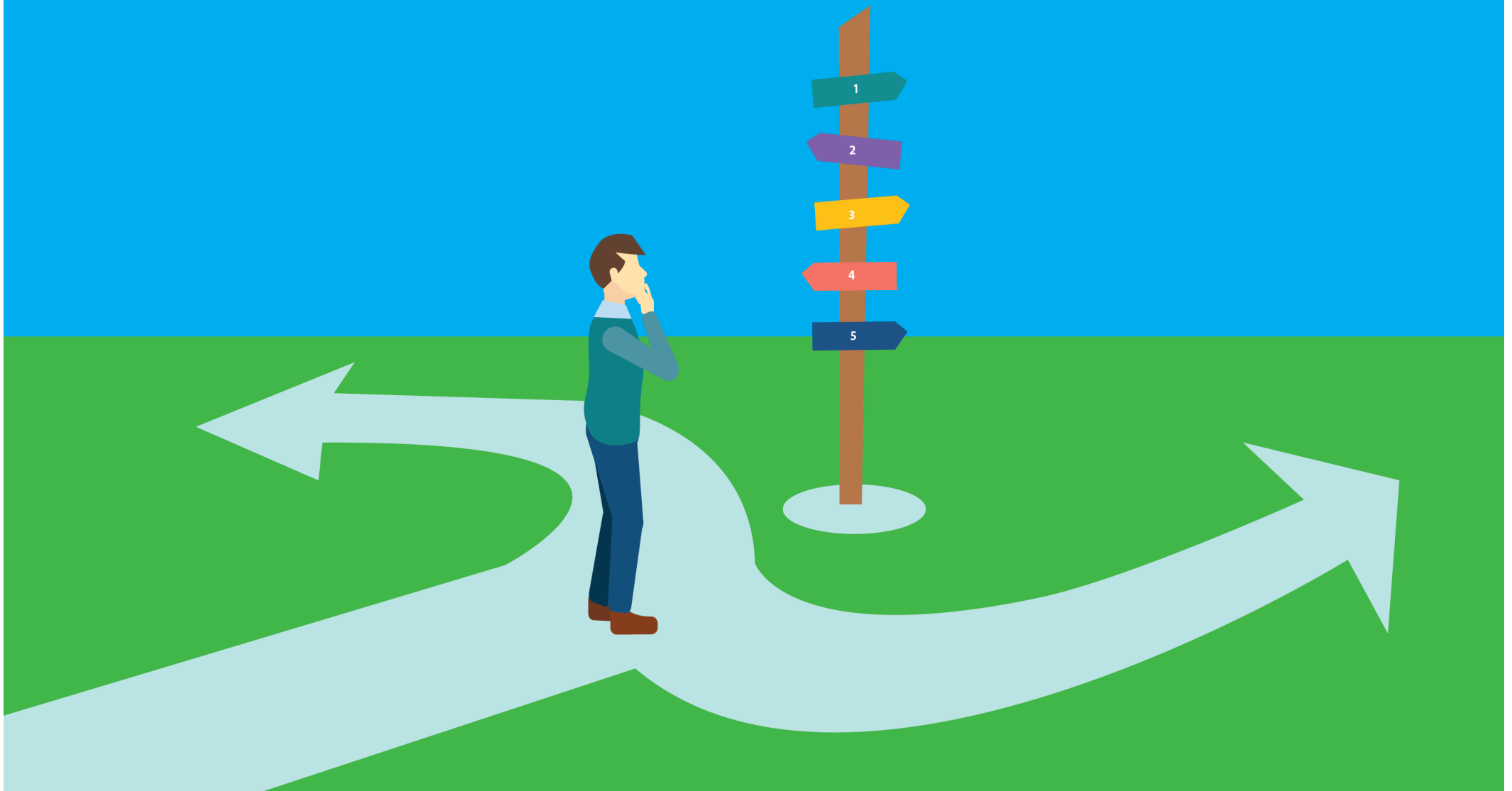


THE PATH TO A SUCCESSFUL RESEARCH PROJECT

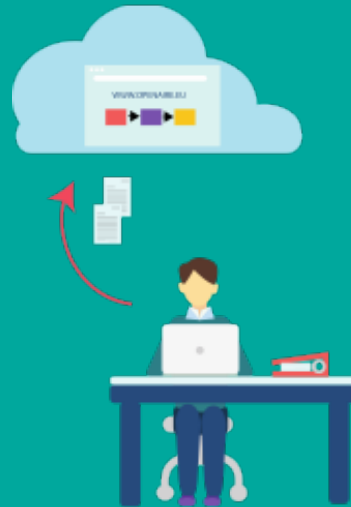
how to get on the right track with FAIR data management



1. Applying for funding

FAIR data contribute
to the funding process

How?



- Find information and guidelines on openaire.eu

How?



- Find information and guidelines on openaire.eu
- Prepare a data management plan on: dmponline.deic.dk

How?



- Find information and guidelines on openaire.eu
- Prepare a data management plan on: dmponline.deic.dk
- Contact your research library or the research support at your institution for help.

Why?



- You increase the chances of a successful application.

Why?



- You increase the chances of a successful application.
- You comply with international standards and institutional policies.

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.

2. Planning a research project

FAIR data support project planning

How?



- Define responsibilities for data management among the project partners, e.g. in a data management plan.

How?



- 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.

How?



- 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.

Why?



- You save time introducing new members to the project.

Why?



- You save time introducing new members to the project.
- You avoid data loss when someone leaves the project.

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.

3. Conducting research

FAIR data assist in navigating project
changes

How?



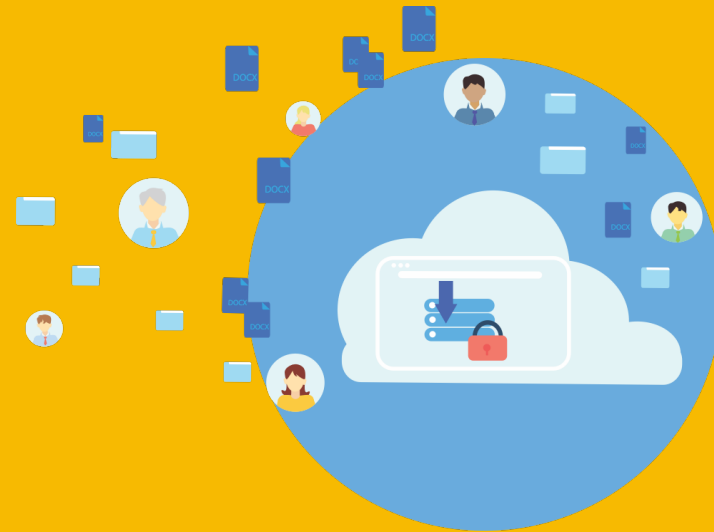
- Document methods and decisions in a systematic manner, e.g. using common templates.

How?



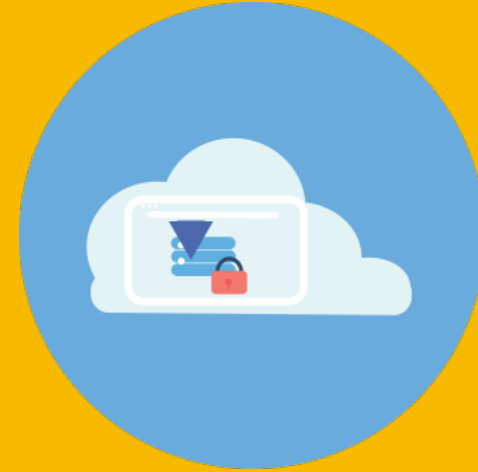
- Document methods and decisions in a systematic manner, e.g. using common templates.
- Use common standards for collecting, storing and documenting data, e.g. on file names, file formats, table contents, etc.

How?



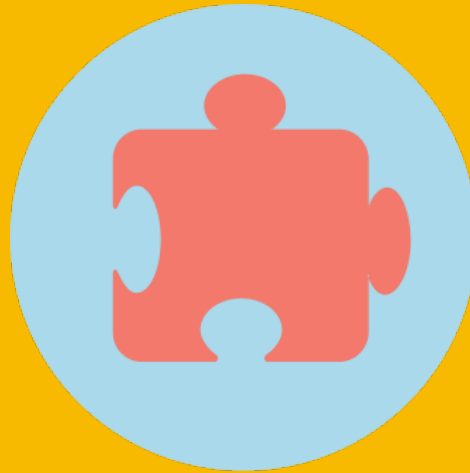
- Document methods and decisions in a systematic manner, e.g. using common templates.
- Use common standards for collecting, storing and documenting data, e.g. on file names, file formats, table contents, etc.
- Store all data in a structured way on a shared and secure system that is accessible for the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

Why?



- You can extend your analysis by finding new suitable datasets more quickly.

Why?



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- You can reuse existing datasets more easily for e.g. new analysis.

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.

4. Working in collaborations

FAIR data help to share information in
my project

How?



- Make agreements on how research data are managed and shared between research partners.

How?



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- Establish clear guidelines on how to document data in a consistent form, e.g. as templates for tables or notebooks.

How?



- 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.

Why?



- You avoid misunderstandings regarding access to and use of the data.

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.

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.

5. Publishing results

FAIR data can help boost my career

How?



- Give peer reviewers access to the data underlying your manuscript to increase the chances of your paper being published.

How?



- 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.

How?



- 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.

Why?



- Your research becomes more transparent and trustworthy.

Why?



- Your research becomes more transparent and trustworthy.
- You will be given credit every time your dataset is used and cited in a publication.

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

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.

<https://vidensportal.deic.dk/FAIR>