

## Research Data Management

why even bother? ;)

There are a number of reasons why you should!

**Proper management of research data is essential for good research and helps you to:**

- Secure the accuracy of data and data registration
- Secure complete, authentic and reliable data
- Save time and resources in the long run, if you need to reproduce or verify results
- Safeguard data and thus minimise the risk of loss of data
- Follow The Danish Code of Conduct for Research Integrity
- Prepare you for further demands for Open Science

Furthermore, scientists around the world experience the demand from Research Foundations and Journals to handle research data in an ethically and economically responsible manner, securing reuse and the possibility to verify research. Such demands are known in the USA, the UK and the Netherlands among other countries.

Agencies increasingly expect a plan for the management of research data as a necessary condition for funding: How is the data going to be collected, stored, analysed, archived and shared after publication of a research paper? This applies for example to Wellcome Trust, EU projects after 2017, The National Science Foundation and The National Health Institutes.

In addition, Nature, PNAS, Science, The Royal Society Journals and other journals require access to the research data associated to a publication.

**To help researchers at SDU meet these demands, SDU provides:**

- Access to storage for both active and locked data
- Tools to work on active data
- Help for collaborating on data with colleagues from anywhere
- Help meeting requirements from funding agencies and journals
- A unique digital identifier to data, making data citeable and giving credit for data sharing
- Assistance if researchers wish to make use of data journals or publish data in open journals
- Tracking of how the published data is cited and reused

