

Personal experiences with Sensitive Information Facility (SIF) at University of Copenhagen (UCPH)

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### My needs for storing sensitive data

- I am involved in research projects with personal data
- I process personal data for researchers employed at Capital Region (RegionH)
- I need to collaborate on the analysis of data and to share results with
  - researchers at Capital Region
  - student assistants employed locally at our department

The Research Portal at KUnet lists five ways to store data in accordance with requirements from GDPR including:

### SIF (Sensitive Information Facily)

(local KU-version of DeiC Sensitive Storage)



### https://sif.ku.dk/



### About SIF

SIF or Sensitive Information Facility at University of Copenhagen (KU/UCPH) is meant for storing and sharing sensitive data. In particular personal data requiring special care under the EU General Data Protection Regulation (GDPR). The intended undlence is employed her incollaboration partners and students. SIF delivers secure centralized storage space for various projects involving sensitive data and integrates safe sharing with other intenal or external project participants as well as network of three use from anywhere.

SIF is delivered by <code>0</code> SCIENCE HPC Center and is formally for the faculty of Science, but we do allow exceptions. A roll-out to all of UCPH is underway to support the general UCPH <code>0</code> Data Management Guidelines.

#### General Research Data

For non-sensitive research data we recommend instead using the sister facility @ ERDA, which provides more flexibility and features.

#### **Getting Started**

We've gathered information about SIF in a few short intro guides and a more thorough user guide

- Sign up Intro for UCPH and external users
- Project Intro about creating, sharing and accessing projects
- User Guide with general usage

We strongly recommend reading and following at least the two intro guides if you want to use SIF. For any legal questions or permits please contact your ① Faculty Secretariat.



## Creating a project

### This is how I do it:

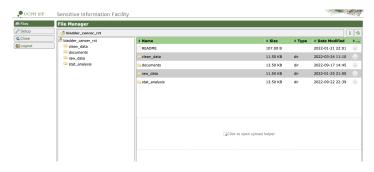
- A general data processing agreement exist between UCPH and Captial Region
- UCPH receives instructions concerning each individual project from the Capital Region
- Instructions are archived in UCPH's system Workzone
- Workzone number is required to create the project in SIF
- Project owner invites collaborators to participate in project on SIF

### This is how I feel about it:

- There is a lot of information about Research Data Management and GDPR
- Am I really following the rules?
- People at UCPH help as best they can



## Displaying the content of a project



I find the web interface useful for

- project management
- uploading documents and (smaller) files with meta data related to the project

Difficult to avoid that files are downloaded and stored locally!



# Working efficiently with data on SIF



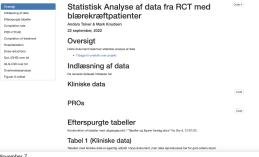
- I map SIF project folders to my local PC
- I do data analyses on my local PC as if they were local folders
- My student assistants claim that this is very slow
- We have used WebDAVS as Mac OSX supports this
- Support team behind SIF suggests that I use SSHFS
- I often work on small datasets and it is unclear to me how my approach scales to larger data



## Personal view on research collaboration Efficient research collaboration is characterized by

- transparency
- reproducibility
- inclusion of all collaborators when interpreting results

Principles: Separate data cleansing from data analyses and use output format integrating code, output and accompanying comments.





## Concluding remarks and questions

- A few "common use cases" for working with sensitive data would be helpful
- Having access to a lot of information about storing and processing of sensitive data data does not ensure proper use
- Having access to facilities for storing sensitive data does not ensure proper use
- Publishing sensitive data: guides and technical support?
- How to use research based on sensitive data for educational purposes?
- Clarification of concepts like anonymisation and pseudonymisation when metadata may be available elsewhere

