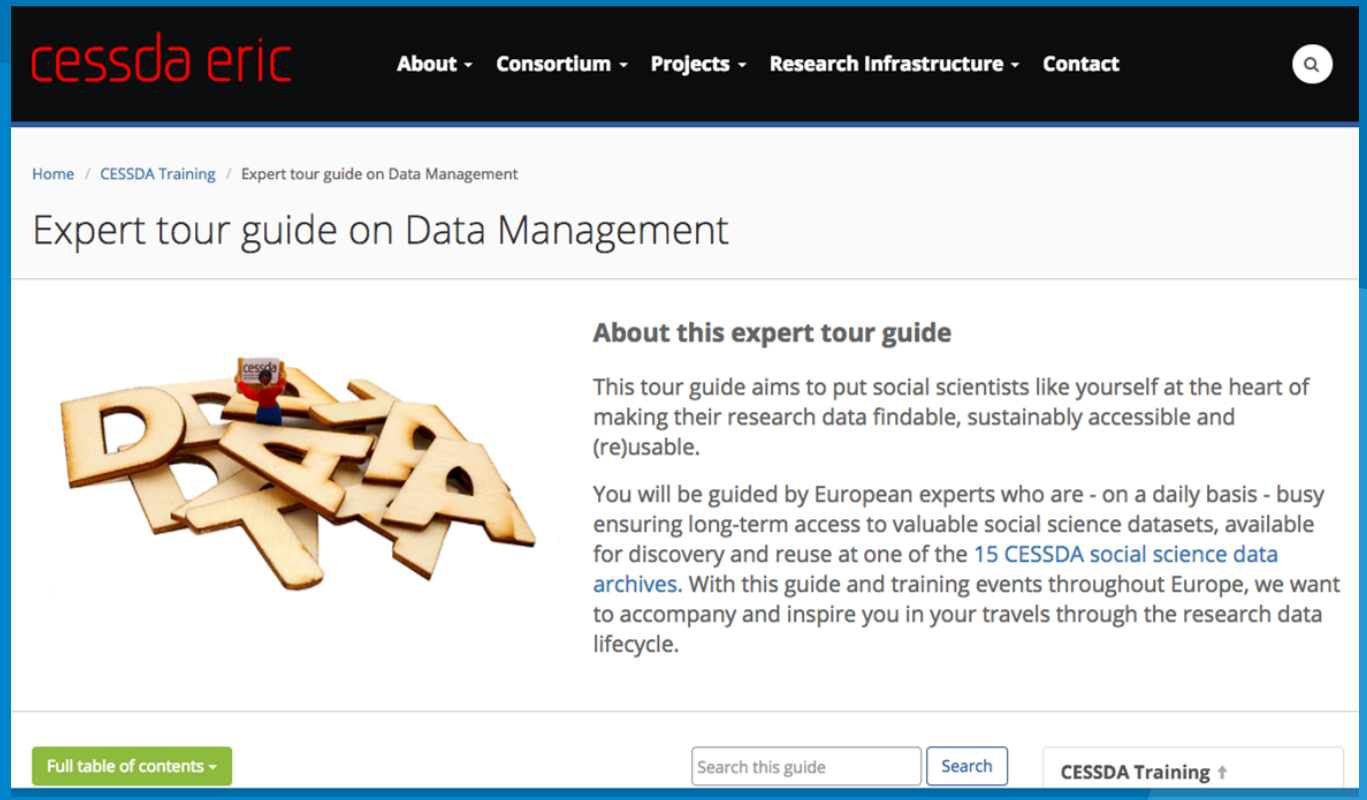
cessda eric

Consortium of European Social Science Data Archives
European Research Infrastructure Consortium

Plan Research Data Management (RDM)



Ulf Jakobsson (SND)

Data Management Expert Guide:

Train the Trainers

12-13 April 2018, Ljubljana

CC BY SA

Cite as: Jakobsson, U. (2020). The CESSDA Data Management Expert Guide– Plan RDM [presentation]. Bergen: CESSDA ERIC.

First a few questions:

How many of you…

- Have read chapter one of the Data Management Expert Guide?
- Have read other chapters than chapter 1?
- Have not read any part of the expert tour?
- Have looked at the DMP template?
- Have produced a DMP?

cessda eric

Agreement.

For this session we have to agree on a few concepts!

cessda eric

Benefits of data management

The concept of Data Management implies

- How to handle, organize, structure and store research data
- Takes into account technical, organizational, structural, legislative and sustainability aspects
- Clear structure of how data is going to be managed
- Might involve some additional work at an early stage

cessda eric

The Data Management Plan (DMP)

- Is an important tool that will aid you as a researcher to structure the data management within your project.
- Can be seen as a formal document that outlines the frames for how to handle the data during and after the project.
- Is designed in accordance with the specific project

cessda eric

Lets have a look…

Start with the DMP checklist

- Adapt your DMP section at the end of every chapter
- Corresponding questions to each chapter

Adapt your DMP: Part 1

The Data Management Plan (DMP) is an important tool to structure the research data management of your project. After working on each chapter you should be able to answer part of the questions which make up a DMP.

This is the first of seven 'Adapt your DMP' sections in this tour guide. When you have finished the chapter on data management planning, you can start filling in the 'Overview of your research project' section. Below you can see what elements and corresponding questions are generally included in that section. You can select appropriate questions and answer them to adapt your own DMP.

For easy reference, we have put together a list of DMP-questions for all chapters in this tour guide. You can view and download the checklist as pdf (CESSDA, 2019a) or editable form (CESSDA, 2019b), and keep them as a reference while you are studying the contents of this guide. Alternatively, an online DMP solution developed by NSD is available. To access login with EduGain or google account is necessary. Currently, two templates (H2020 and a general one) are offered.

- ⊕ Title of the project / study
- ⊕ Date and version of this plan
- ⊕ Description of the project
- ⊕ Origin of the data
- ⊕ Principal and collaborating researchers
- ⊕ Funder (if applicable)
- ⊕ Data producer
- ⊕ Project data contact
- ⊕ Data owner(s)
- ⊕ Roles
- ⊕ Costs and Resources

Downloadable DMP checklist

cessda
Consortium of European Social Sciences Data Archives

Adapt your Data Management Plan

A list of Data Management Questions based on the Expert Tour Guide on Data Management

This CESSDA list of Data Management Questions (2019) is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.

The CESSDA Expert Tour Guide on Data Management is available at https://www.cessda.eu/DMEG

cessda
Consortium of European Social Sciences Data Archives

PLAN

Overview

Title of the project/study

Date of this plan

Description of the project
- What is the nature of the project?
- What is the research question?
- What is the project time line?

Origin of Data
- What kind of data will be used during the project?
- If you are reusing existing data: What is the scope, volume and format? How are different data sources integrated?
- If you are collecting new data can you clarify why this is necessary?

Principal researchers
- Who are the main researchers involved?
- What are their contact details?

Collaborating researchers (if applicable)
- What are their contact details and their roles in the project?

Funder (if applicable)
- If funding is granted, what is the reference number of the funding granted?
- What is the project's title in the funding contract?

Data producer
- Which organisation has the administrative responsibility for the data?

Project data contact
- Who can be contacted about the project during and after it has finished?

Data owner(s)
- Which organisation(s) own(s) the data?
- If several organisations are involved, which organisation owns what data?

Roles
- Who is responsible for updating the DMP and making sure that it's followed?
- Do project participants have any specific roles?
- What is the project time line?

Costs and Resources
- Are there costs you need to consider to buy specific software or hardware?
- Are there costs you need to consider for storage and backup?
- Are potential expenses and resources for (preparing the data for) archiving covered?
- What resources will be dedicated to data management ensuring that data will be FAIR?

cessda eric

Discussion

...about the content of the DMP-checklist.

- Why write a DMP?
- Added Value?

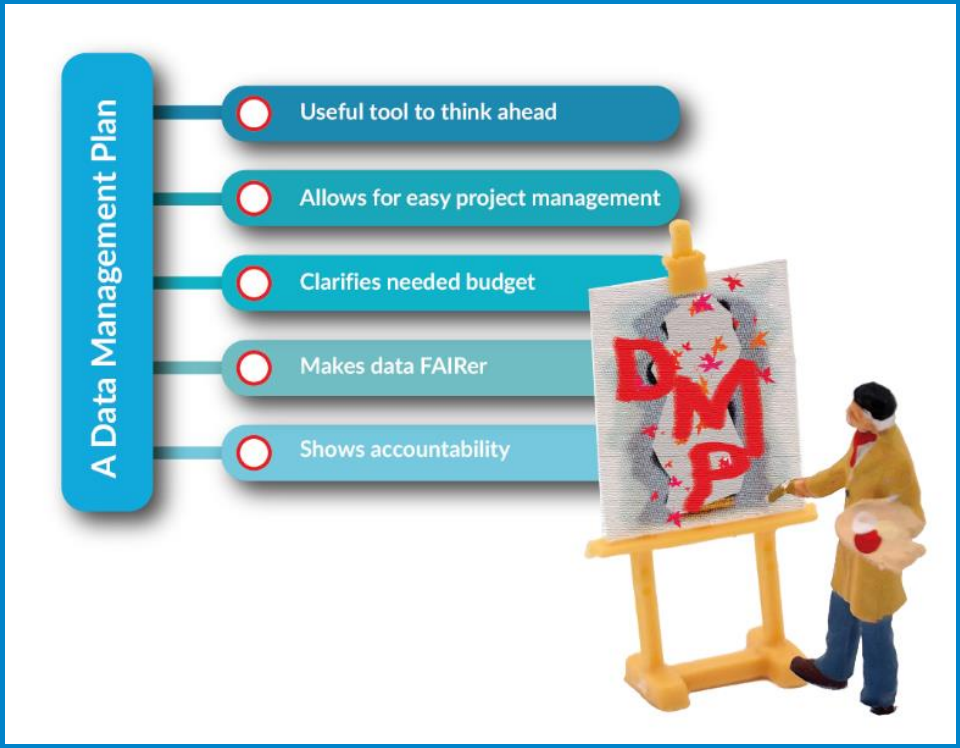
cessda eric

Why write a DMP?

- Easier for others to understand the material
- Enables further research after the project has ended
- Research results can be verified
- Prevents unnecessary data collection

cessda eric

Suggestions on Added Value?



- Discover possible problems at an early stage
- All information in one place
- Calculating cost for data management
- Allows early preparations
- Serious data management

cessda eric