

> **DeiC DMP:**
The future of Data Management Plans in Denmark

- > Falco Hüser (The Royal Danish Library)
- > Signe Gadegaard (DTU Library)

> **DeiC DMP:** **The future of Data Management Plans in Denmark**

- > About us
- > From "DMPonline" to "DeiC DMP"
- > New functionalities and improvements
- > Towards machine-actionable DMP's
- > Best practices for DMP support and curation

> About us

Service manager:

Falco Hüser (The Royal Danish Library)

Signe Gadegaard (DTU Library)

System Server Administrator:

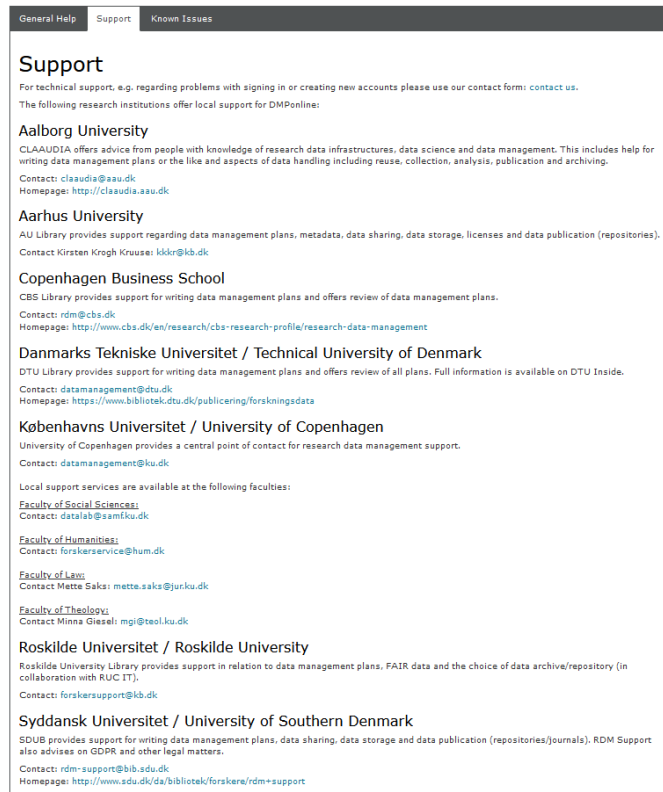
Minka Karaivanova (DeiC)

DeiC Data Management:

Anne Sofie Fink

Hannah Mihai

Sandra Boerman

A screenshot of the DeiC website's support page. The page has a dark grey header with three tabs: "General Help", "Support" (which is active), and "Known Issues". Below the header, the "Support" section is titled "Support" in a large, bold font. Underneath, there is a paragraph of text: "For technical support, e.g. regarding problems with signing in or creating new accounts please use our contact form: [contact us](#). The following research institutions offer local support for DMPonline:". This is followed by a list of institutions, each with a heading, a brief description of their support, and contact information (email and homepage). The institutions listed are Aalborg University, Aarhus University, Copenhagen Business School, Danmarks Tekniske Universitet / Technical University of Denmark, Københavns Universitet / University of Copenhagen, Roskilde Universitet / Roskilde University, and Syddansk Universitet / University of Southern Denmark. The page is styled with a clean, modern layout using a sans-serif font and a color palette of greys, blues, and greens.

> From "DMPonline" to "DeiC DMP"

Avoid confusion and misunderstandings:

- > "DMPonline" as name for open source software outdated
- > "DMPonline" now commonly refers to subscription service in the UK offered by DCC

Streamline / consolidate national research data services under DeiC:

- > DeiC Storage
- > DeiC Sensitive Storage
- > DeiC Dataverse
- > DeiC DMP

> DMP Roadmap

DMP Roadmap is a Data Management Planning tool. Management and development of DMP Roadmap is jointly provided by the Digital Curation Centre (DCC), <http://www.dcc.ac.uk/>, and the University of California Curation Center (UC3), <http://www.cdlib.org/services/uc3/>.

The tool has four main functions:

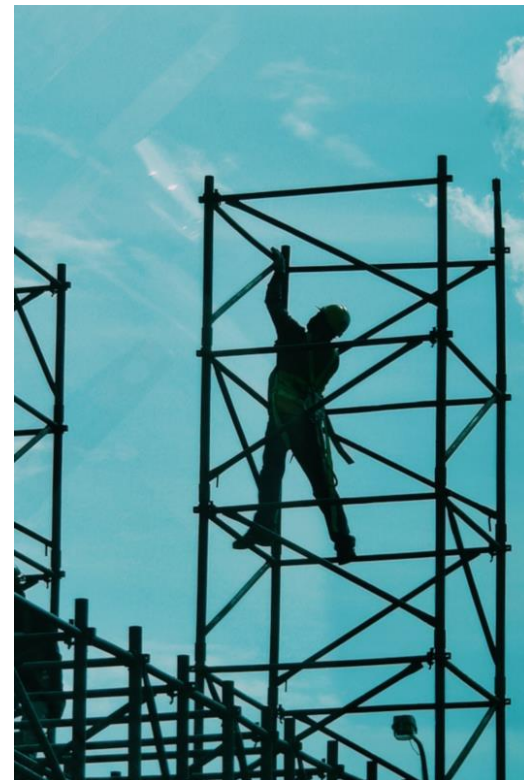
- > To help create and maintain different versions of Data Management Plans;
- > To provide useful guidance on data management issues and how to meet research funders' requirements;
- > To export attractive and useful plans in a variety of formats;
- > To allow collaborative work when creating Data Management Plans.

DMP Roadmap is available on GitHub under a MIT License: <https://github.com/DMPRoadmap/roadmap>

> DeiC DMP

Recently upgraded from v2.2.0 to v4.0.2:

- > New functionalities and improvements for Super Admins
- > New functionalities and improvements for Local Admins
- > New functionalities and improvements for Users
- > Bug fixes
- > Changes in architecture
- > Changes in database structure











> DeiC DMP

New functionalities and improvements for Super Admins:

- > Merge organisations
- > Merge user accounts
- > Archive user accounts
- > Funder links and sample plans

DMP Templates

Templates are provided by a funder, an organisation, or a trusted party.

Template Name	Download	Organisation Name	Last Updated	Funder Links	Create a new plan	Sample Plans (if available)
ERC Data Management Plan Template	 	European Commission	02-07-2023	European Research Council Open Science ERC	 	
Horizon Europe	 	European Commission	30-08-2021		 	

> DeiC DMP

New functionalities and improvements for
Local Admins:

- > Conditional questions in DMP
templates



Question number 2
Question text Question that triggers another question when selecting 'yes' as answer.

Question options yes, no
Answer format Radio buttons. Additional comment area
Question conditions Answering no will **remove** question "C
 when selecting 'yes' in the previous question.
Guidance Additional question must be added before
 the template.
 Conditional logic is: "no removes Question
Themes No themes selected

Question number 3
Question text Option question that only appears when
 question.
Default value
Answer format Text area. No additional comment area
Themes No themes selected

Question that triggers another question when selecting 'yes' as answer.

☐ yes
☒ no

Additional Information

B I

Save

Answered just now by falh@kb.dk

This answer removes 1 questions from your plan.

Question that triggers an email notification when selecting 'yes' as answer.

- ☐ yes
☐ no

Additional Information

B *I*    

Questions

Question number 1

Question text Question that triggers an email notification when selecting 'yes' as answer.

Question options yes, no

Answer format Radio buttons. Additional comment area will be displayed.

Question conditions Answering yes will **send an email** with subject "notification from DMPsandbox"

falh@kb.dk is creating a Data Management Plan and has answered to Question that triggers an email notification when selecting 'yes' as answer. in a plan called DMP Test 2023-10-10 based on the template KU Test Template 2023-06-12

Someone triggered a notification in the UCPH test template.

> DeiC DMP

New functionalities and improvements for Local Admins:

- > Conditional questions in DMP templates
- > Local email signatures ("Help Desk email")
- > Improved and extended Usage Dashboard
- > Filters for Plans and User accounts
- > Define schools and departments (?)

Usage statistics



1109 Total
users

938 Total
plans

☒ Excluding
Test Plans

csv download field separator:



Download Monthly Usage

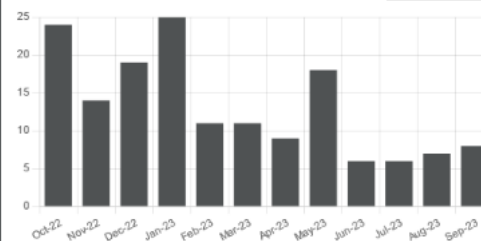
Statistics on your Users

The graphs display new users and plans for your organisation over the past year. You can download a CSV report for each graph.

* Move the mouse pointer over the bars of a chart to see numbers. Click on the bar to see the list of these users/plans to interrogate statistics in more detail

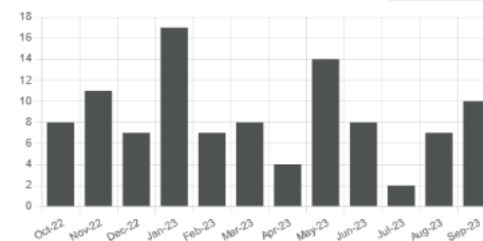
No. users joined during last year

Download



No. plans during last year

Download



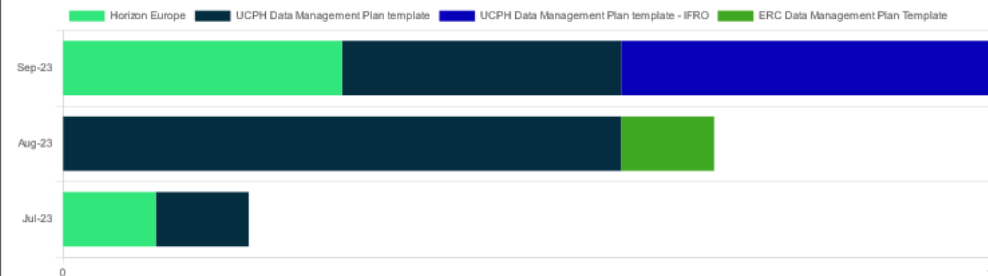
No. plans by template

Time period

Last 3 months

Go

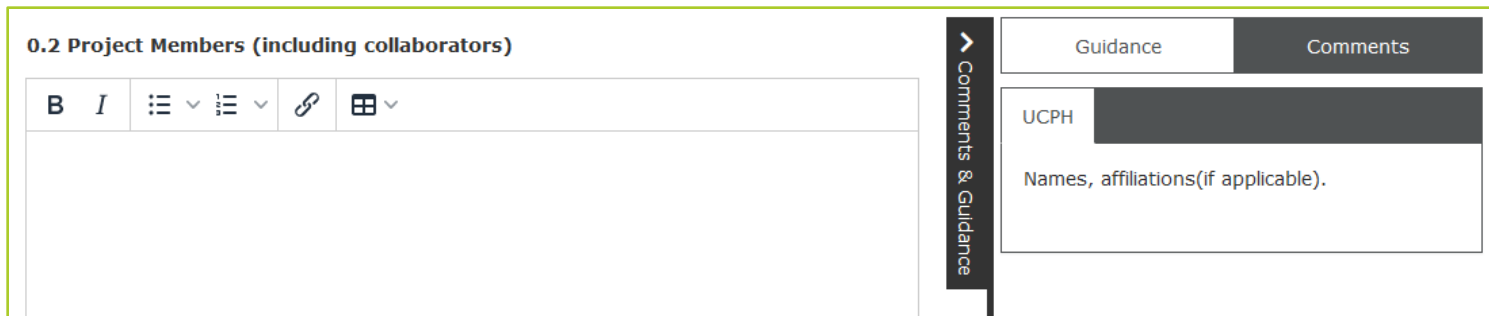
Download all



> DeiC DMP

New functionalities and improvements for Users:

- > Grant number retrieval from OpenAIRE (for Horizon Europe and Horizon 2020 projects)
- > Contributor roles
- > New cover page (Project Start Date, End Date, Grant Number)
- > Toggle Guidance and Comments
- > Spellcheck
- > Accessibility

The screenshot displays a web interface for managing project members. The main heading is "0.2 Project Members (including collaborators)". Below this is a rich text editor with a toolbar containing icons for bold (B), italic (I), bulleted list, numbered list, link, and table. To the right of the editor is a vertical sidebar labeled "Comments & Guidance" with a downward arrow. This sidebar contains two tabs: "Guidance" and "Comments". The "Comments" tab is currently selected, showing a text input area with the placeholder text "Names, affiliations(if applicable)." and a small "UCPH" label above it.

> DeIC DMP

Bug fixes:

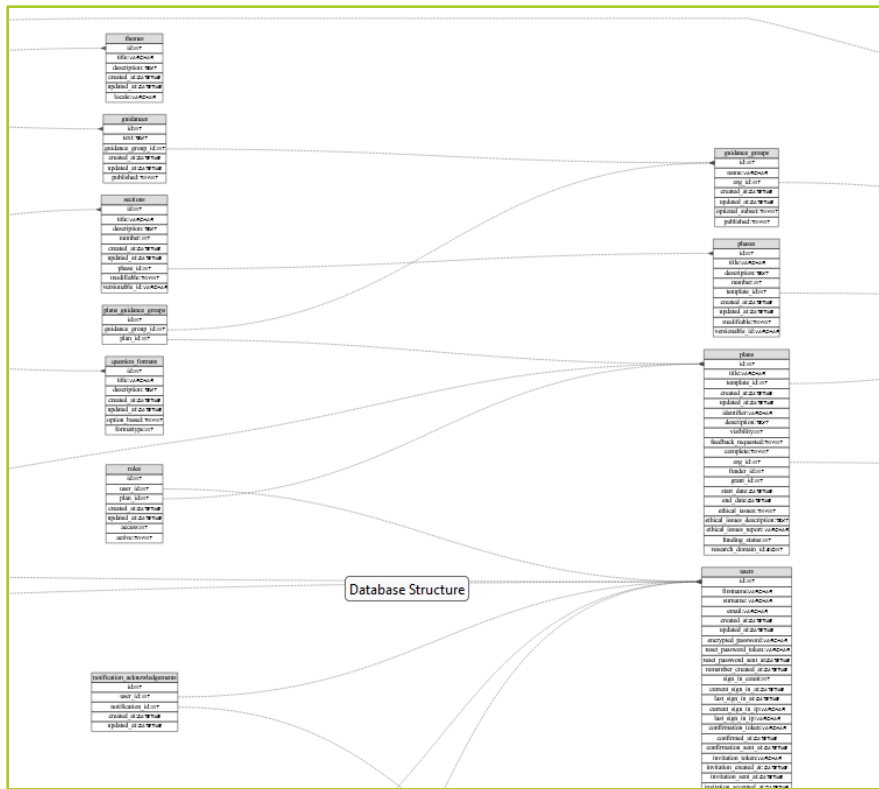
- > DMP export
- > Publication of DMP's

Changes in architecture:

- > Rework of API for future support of maDMP's

Changes in database structure:

- > Managed and unmanaged organisations
- > ROR and FundRef identifiers



> Towards machine-actionable DMP's

- > Persistent identifiers (ROR, ORCID, DOI, GrantID, ...)
- > Controlled vocabularies (re3data, RDA, fairsharing, Field of Science, ...)
- > Versioning
- > Notifications
- > Export of DMP's in machine-readable formats (JSON)
- > API's to allow for machine-interaction



“Progressing Machine Actionable Data Management Plans in DMPRoadmap”

https://www.dcc.ac.uk/events/RDAcolocated_machine_actionable_DMPs

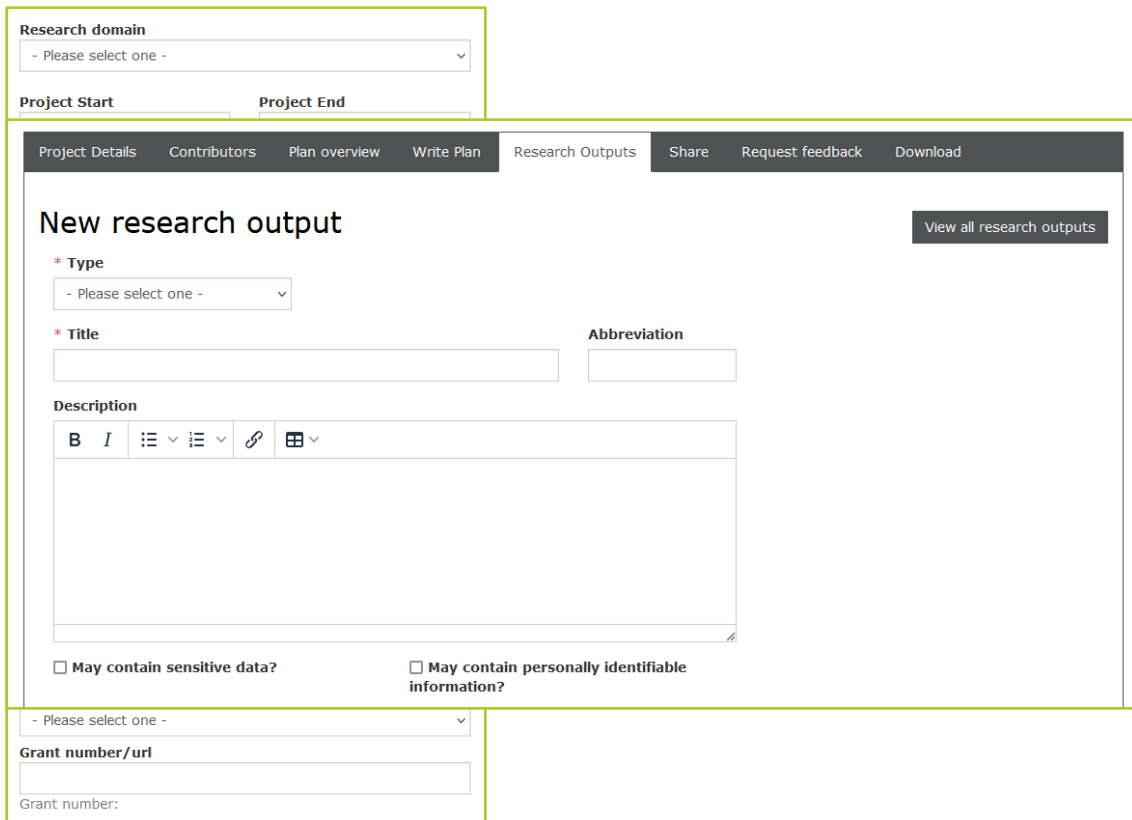
> DeiC DMP Sandbox

Show new Plan Creation Wizard:

- > “Funding Status”
- > “Research Domain”
- > “Ethical Issues”

Demonstrate ‘Research Outputs’:

- > Metadata standards
- > Repositories
- > Licenses

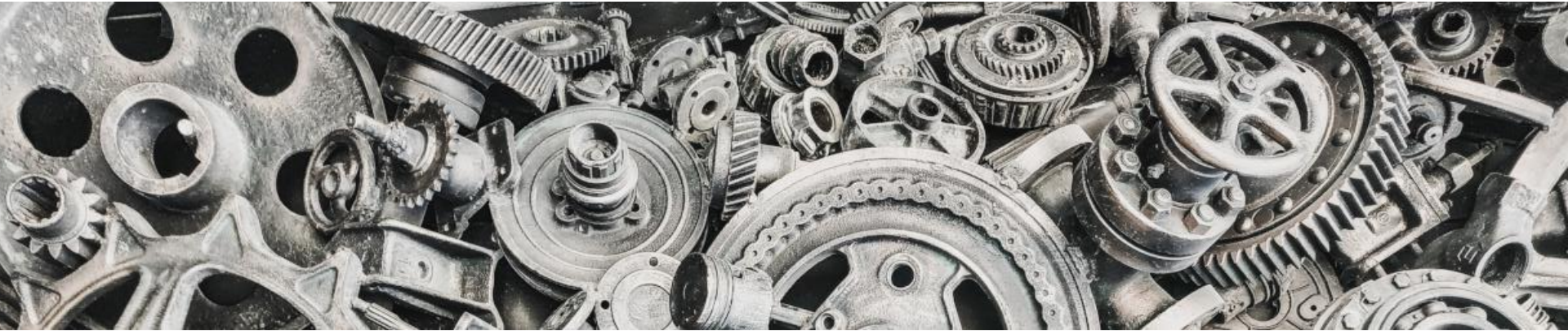


The screenshot shows the 'New research output' form in the DeiC DMP Sandbox. The form is divided into several sections:

- Research domain:** A dropdown menu with the text '- Please select one -'.
- Project Start** and **Project End:** Two input fields for dates.
- Navigation tabs:** Project Details, Contributors, Plan overview, Write Plan, Research Outputs (active), Share, Request feedback, Download.
- Title and Abbreviation:** Two input fields. The title field is required, indicated by an asterisk.
- Description:** A rich text editor with a toolbar containing bold (B), italic (I), bulleted list, numbered list, link, and table icons. Below the editor is a large text area.
- May contain sensitive data?** and **May contain personally identifiable information?** Two checkboxes for ethical considerations.
- Grant number/url:** An input field for the grant number or URL.

> Towards machine-actionable DMP's

- > What are your expectations?
- > Do you have use cases for machine-actionable DMP's?
- > What types of information would you like to retrieve from DMP's?
- > Which other systems should information from DMP's feed into?
- > Which other types of data and documentation should the DMP link to?



Use of DeiC DMP

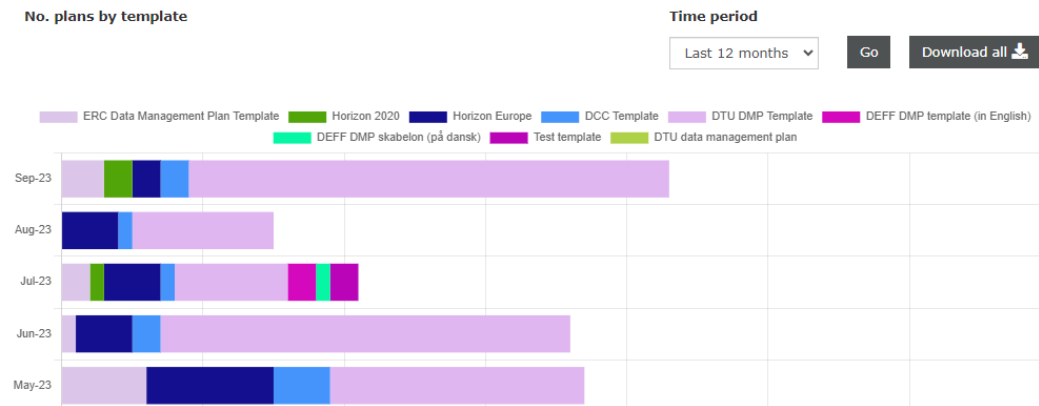
- > **Planning phase**
- > **Templates and help texts**
- > **Guidance and feedback**
- > **Teaching**
- > **DMPs for funders**
- > **Consistent data handling**



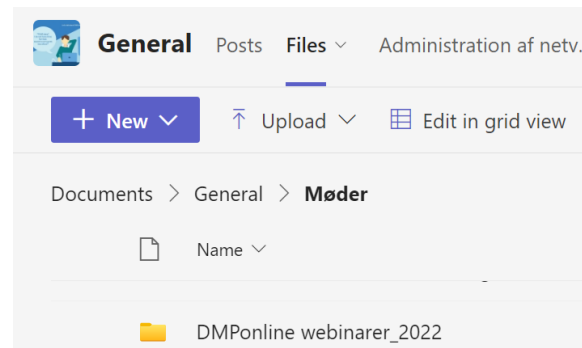
> DMP practices – Use

Total users **Total plans**

5697 4770



Find summary from knowledge exchange webinars 2022 here:

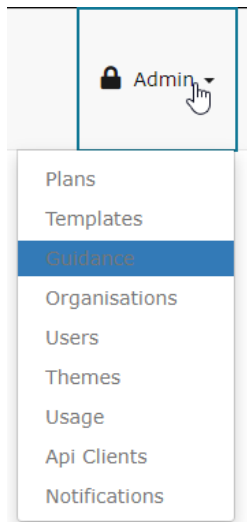


> Open questions

- > How to build a useful template with guidance?
- > How to follow up on a DMP and keep it alive?
- > How to make a DMP public and when?
- > How can a DMP create value in the research project? What should it contain?

> DMP practice - guidance

Admins



Users

Project Details

Select Guidance

To help you write your plan, DMPonline can show you guidance from a variety of organisations.

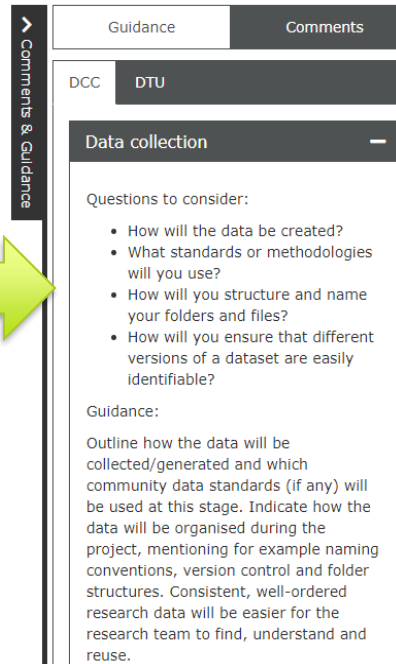
Select Up To 6 Organisations To See Their Guidance.

- ☒ Danmarks Tekniske Universitet / Technical University of Denmark
- ☒ Digital Curation Centre

Find guidance from additional organisations below

[See the full list](#)

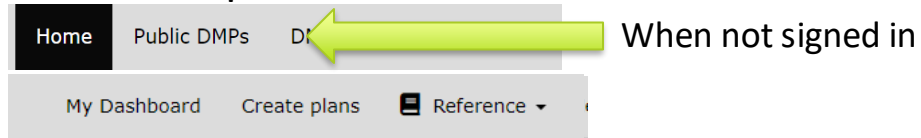
Save



Can we build templates and guidance together?

> Public DMPs in DeiC DMP

Shared as public









Public DMPs

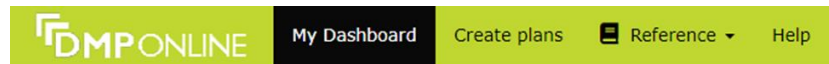
Public DMPs are plans created using the DMPonline service and shared publicly under the terms of the funder guidelines.

Public DMPs
DMP Templates

Search






Project Title	Template	Organisation	Owner	Download
Consumer Practices in a Circular Society	Horizon 2020	Danmarks Tekniske Universitet / Technical University of Denmark	Mubarik Kassim Rabi	
Non-sensitive NGS research project template	Horizon Europe	Københavns Universitet / University of Copenhagen	Jose Alejandro Romero Herrera	
77666 Green corrosion inhibitors for corrosion prevention of carbon steel under CO2 and H2S conditions	DTU data management plan	Danmarks Tekniske Universitet / Technical University of Denmark	Ghada Shaban	
A Study Protocol for a Randomised Controlled Trial Evaluating the Benefits from Bimodal Solution with Cochlear Implant and Hearing Aid vs. Bilateral Hearing Aids in Patients with Asymmetric Speech Identification Scores.	DCC Template	Syddansk Universitet / University of Southern Denmark	yeliz jakobsen	
Vocal comfort in simulated acoustic environments	DTU data management plan	Danmarks Tekniske Universitet / Technical University of Denmark	Greta Öhlund Wistbacka	
Capture of Autonomy in Decision-Making of International Organizations.	Anmeldelse af behandling af personoplysninger i videnskabelige og statistiske undersøgelser ved CBS	Copenhagen Business School	Michael Prehn	

Shared within the organisation



Danmarks Tekniske Universitet / Technical University of Denmark's Plans

The table below lists the plans that users at your organisation have created and shared within your organisation. This allows you to download a PDF and view their plans as samples or to discover new research data.

Project Title	Template	Owner	Updated	Download
Vocal comfort in simulated acoustic e...	DTU data management plan	gmaw@elektro.dtu.dk	30-06-2023	
Using Affective Interactions between ...	DTU data management plan	ntho@dtu.dk	30-06-2023	
Unravel taxonomic structure and funct...	DTU data management plan	yayuw@dtu.dk	30-06-2023	
Understanding Bicyclist's Safety and ...	DTU data management plan	afje@dtu.dk	30-06-2023	
Transportøkonomiske Enhedspriser	DTU data management plan	tcje@dtu.dk	30-06-2023	

How do we curate good examples?

> Public DMPs

- > In CORDIS (The Community Research and Development Information Service)
- > <https://cordis.europa.eu/project/id/851871/results>



Decolonising madness? Transcultural psychiatry, international order and the birth of a global psyche in the aftermath of the Second World War

Fact Sheet

Results

Deliverables

Open Research Data Pilot (1)

[Data Management Plan](#)

Participation in the Open Research Data Pilot

Project Information

DECOLMAD

Grant agreement ID: 851871

DOI

[10.3030/851871](https://doi.org/10.3030/851871)

> Public DMPs

> In repositories

<https://doi.org/10.5281/zenodo.4304541>

Data Management Plan: Wei Fu' PhD Project

Wei Fu

Editor(s)

Nikola Vasiljevic

Supervisor(s)

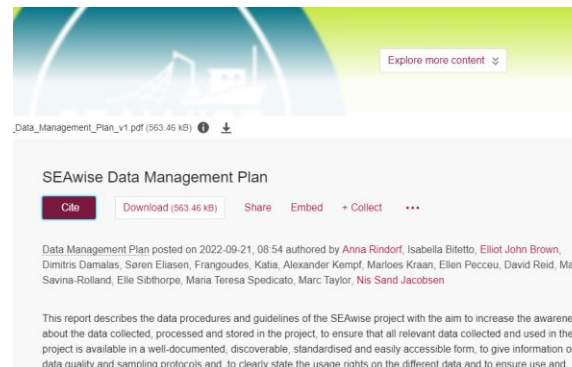
Alfredo Peña

The Data Management Plan presented here is for my PhD project: Atmospheric turbulence characterization under inhomogeneous inflow conditions using nacelle-lidar measurements, which is part of the Lidar Knowledge Europe (LIKE) project funded by the EU Horizon 2020 (858358).

This document outlines the main objectives of the project, the data collection, data storage, documentation of the metadata, data sharing strategies and the long-term preservation of the dataset.



<https://doi.org/10.11583/DTU.21162127.v1>



Liber DMP Catalogue: <https://libereurope.eu/working-group/research-data-management/plans/>

> **How can a DMP create value in the research project? What should it contain?**



> Subscribe to newsletter:

<https://www.dcc.ac.uk/dmponline>

- > Follow the user community:

<https://www.youtube.com/channel/UCLTOHF6qQrYhEvQzbu03tTg>

Videos ▶ Play all