

Data management plány a plánování (DMP)

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Spolufinancováno
Evropskou unií

Anotace

V této přednášce navážeme na přednášku Úvod do FAIR dat a specificky se **zaměříme na fázi plánování práce s daty**.

Podrobněji si vysvětlíme, **proč je plánování práce s daty důležité**.

Ukážeme si **rozdíly mezi data management planem jako dokumentem, a data**

management planningem jako procesem, který nás provází celým životním cyklem výzkumných dat.

Na **praktických ukázkách** si předvedeme **důležité prvky** dobrého **DMP**. Demonstrovat si budeme praktické použití vybraných nástrojů.

Co si z přednášky odnesete

- Poznáte **důležitost DMP pro vědecké projekty**.
 - Včetně **návaznosti na požadavky grantových agentur**.
- Budete znát **rozdíly mezi DMP jako procesem a dokumentem**.
- Seznámí se s **důležitými prvky dobrého DMP**.
- Seznámí se s **praktickým použitím specializovaných nástrojů pro DMP**.

Kontext

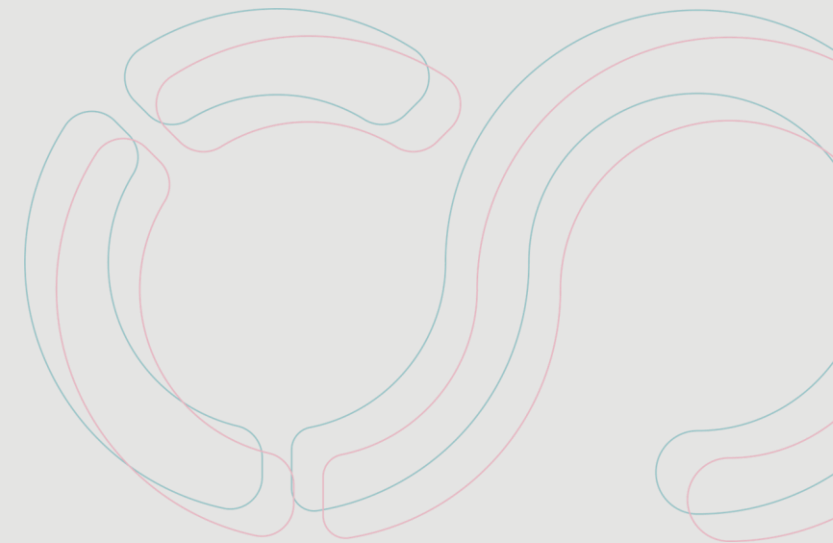
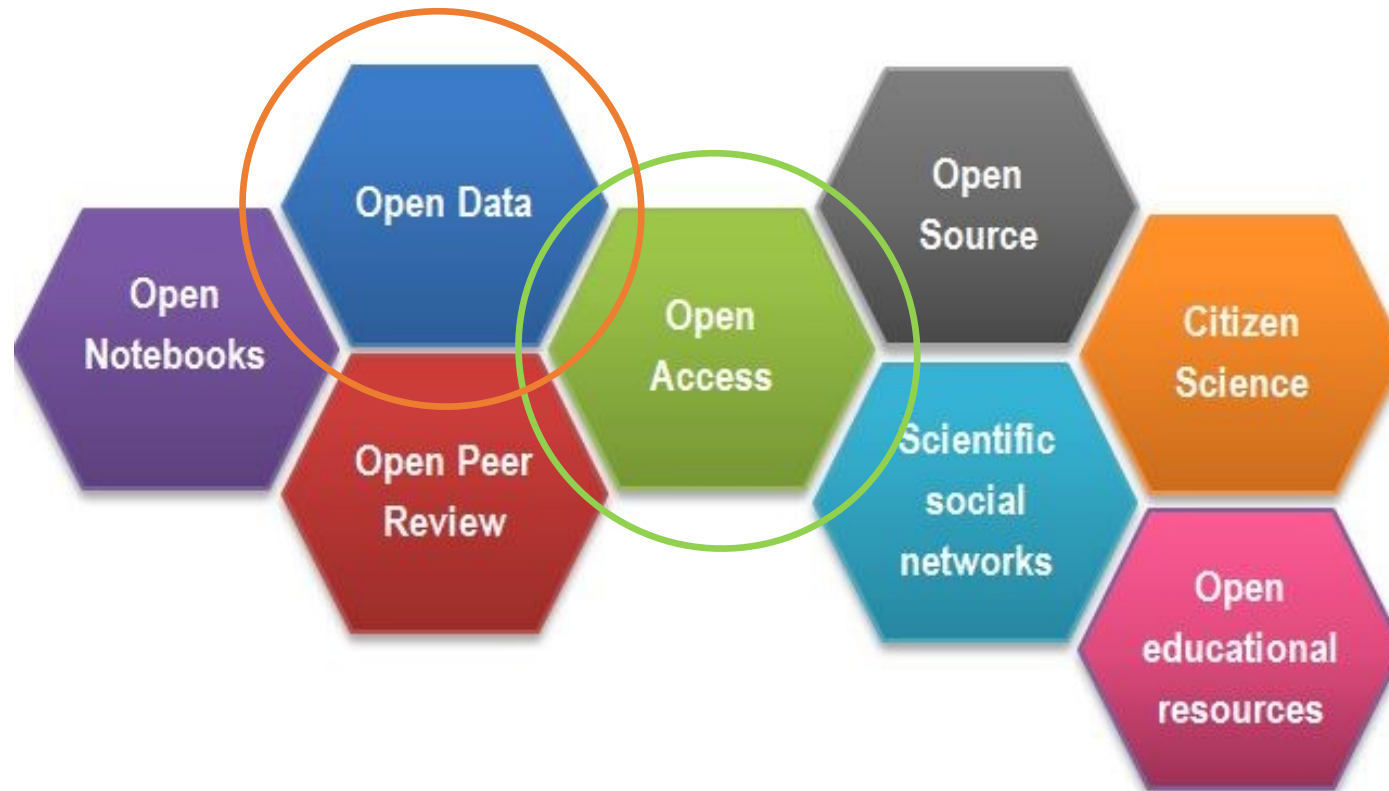


Schéma Open Science

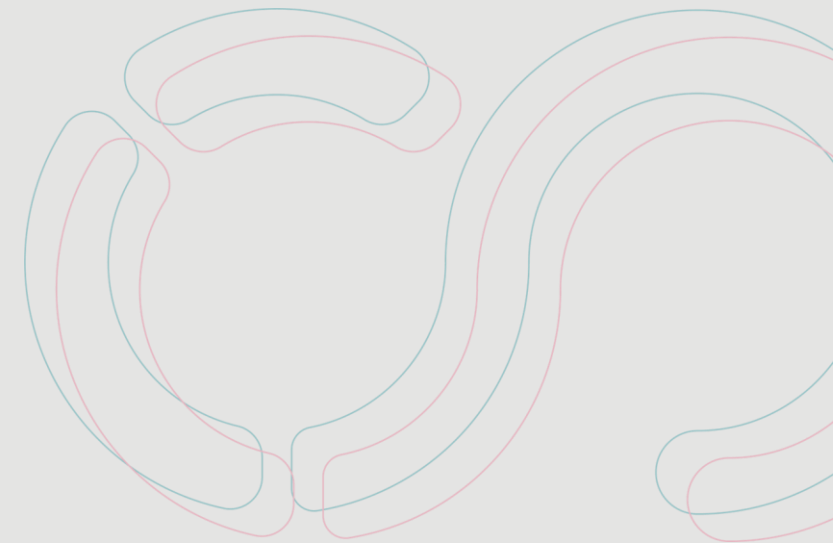


Zdroj: <https://www.fosteropenscience.eu/node/1420>

Open Science a projekty

- **Podmínky:**
 - Horizon Europe
 - Exceles
 - OP JAK – Špičkový výzkum
- Povinné/nepovinné **principy**
 - **Povinné:** Open Access, Data Management (DMP)
 - **Nepovinné:** Citizen Science, Open Source, Preprints, ...

Životní cyklus výzkumných dat



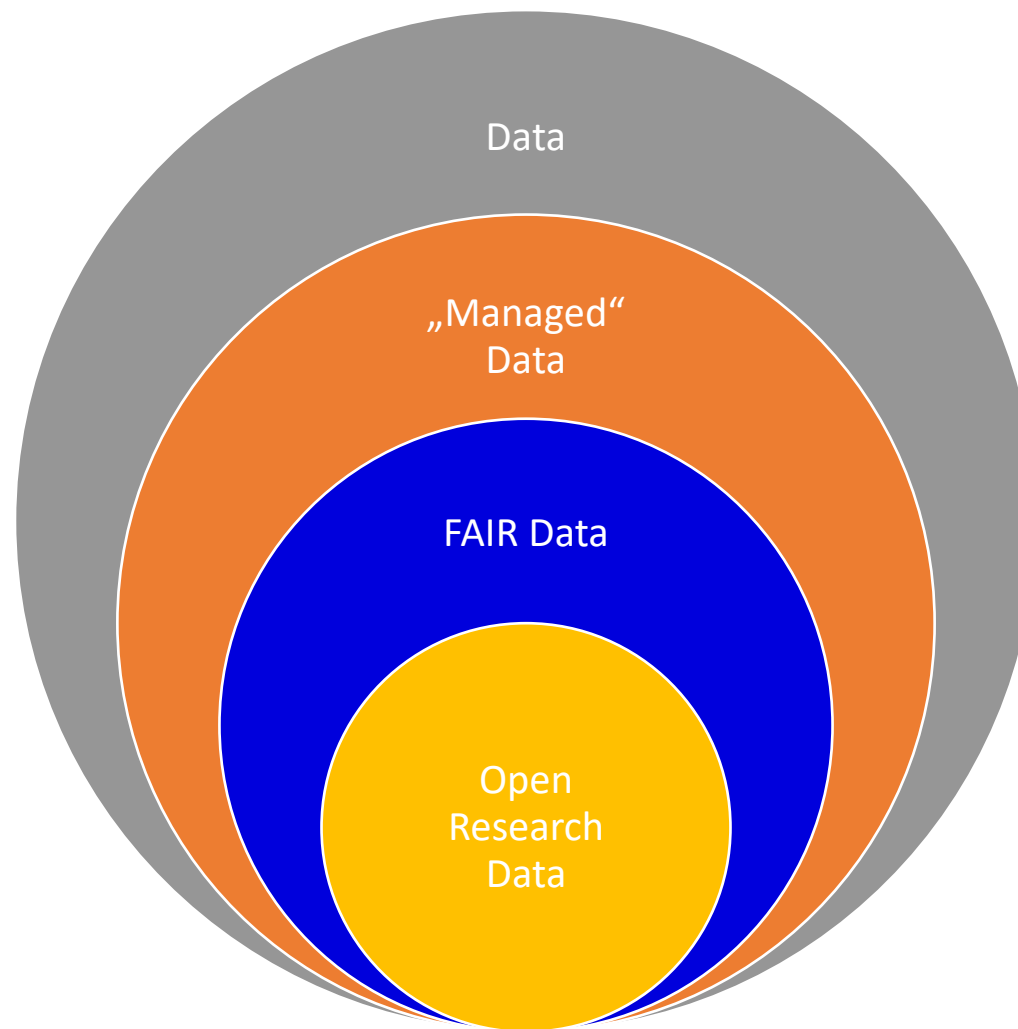
Životní cyklus výzkumných dat



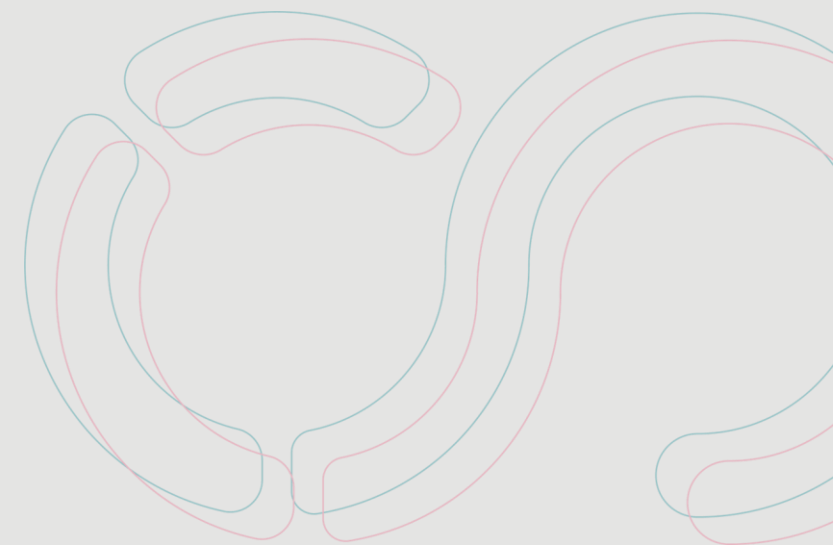
- Jaká **data (znovu) používáte**
 - včetně **licencí**, které vám to umožňují,
- jaká **data generujete** a jakým způsobem,
- **kde je ukládáte, zálohujete, dlouhodobě uchováváte,**
- jak je **trvale a jedinečně identifikujete,**
- jak je **zpracováváte,**
- jak je **analyzujete,**
- kde je **zveřejňujete a sdílíte,**
- kdo tohle všechno **zaplatí;**
- **o čem data skutečně jsou,**
- **k čemu jsou data (ne)vhodná,**
- **kdo může data znovu použít,**
- jaká konkrétní data podporují vaše výsledky,
- jak je použít pro **opakování** vašich **experimentů** atd.

Zdroj: ELIXIR RDMkit, <https://rdmkit.elixir-europe.org/>

Úrovně dat



DMPlanning vs. DMPlan



DMPlanning vs. DMPlan

1. Data Management Planing

*„**Proces** plánování, popisu a informování o životním cyklu dat a **činností** spojených s **jejich správou** v průběhu výzkumu.“*

2. Data Management Plan (DMP)

*„**Dokument**, který **popisuje** tyto **činnosti** (dokumenty často vyžadují poskytovatelé dotací či grantů).“*

Zdroj: Petra Dědičová, Data management a jak psát data management plan
<https://www.slideshare.net/butlibrary/data-management-a-jak-psat-data-management-plan-41441697>

DMP jako projektová podmínka

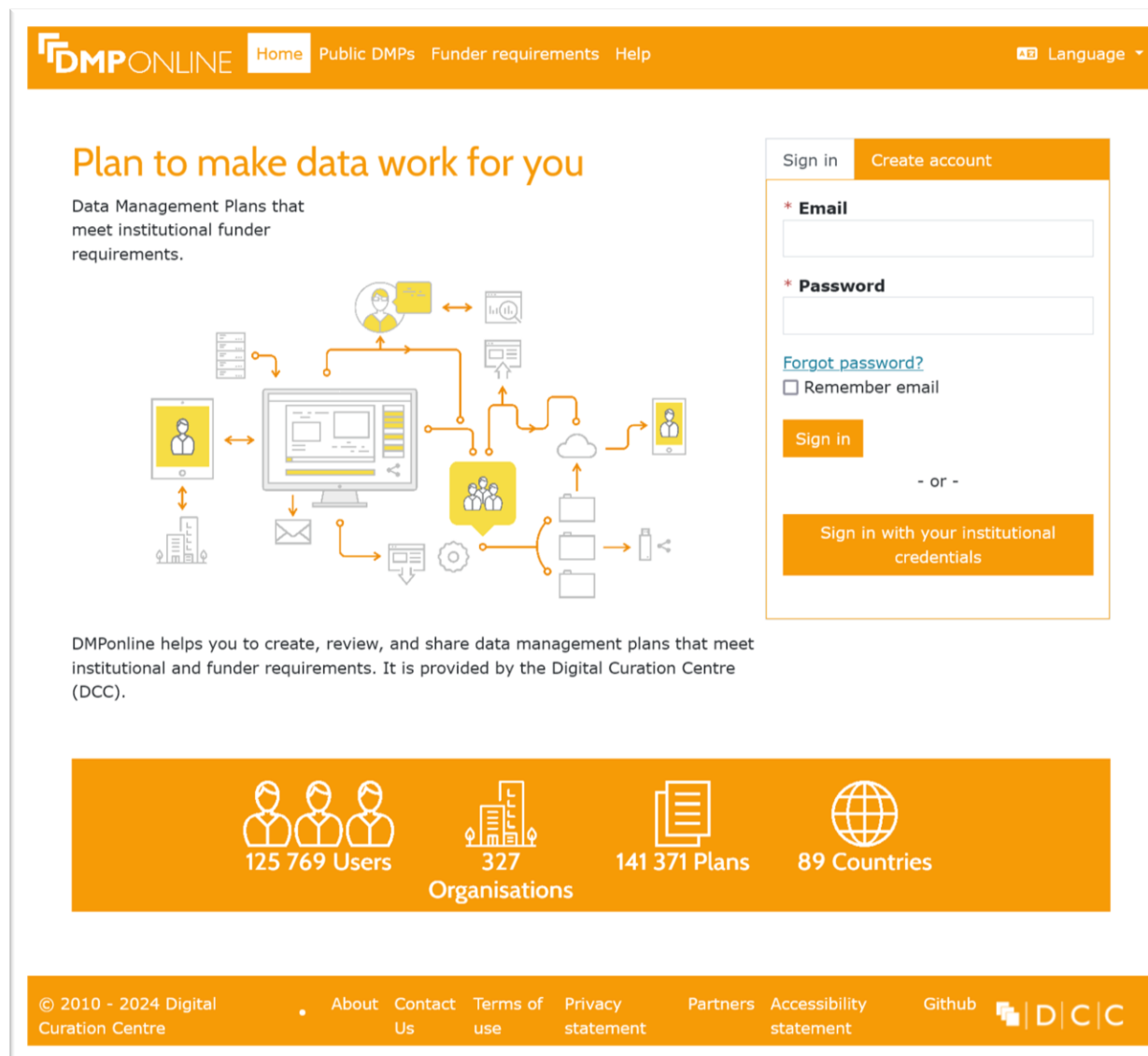
- DMP je stále častěji **vyžadován** jako standardní **součást** podání/řešení/finalizace **projektů**.
- Např. **Horizon Europe** požaduje
 - **iniciální** DMP,
 - **aktualizace** DMP **uprostřed** projektu,
 - **finální** revize DMP na konci projektu.
- DMP je **živý dokument** – měl by být průběžně aktualizován po celou dobu projektu.
- Obdobně v **OP JAK, Exceles**; nově i v **TAČR** a očekáváme i **GAČR**.

- **Tip: *Horizon Europe Open Science Requirements in Practice***

- OpenAIRE webinar, 13. 3. 2023
- Slajdy:
<https://doi.org/10.5281/zenodo.7324363>

Nástroje pro tvorbu DMP

- **Sdílený dokument** (Google Docs, Office 365 Word, Overleaf, ...).
 - Podporuje zejména přípravu DMP dokumentu.
- **Specializovaný software**, typicky webová aplikace umožňující spolupráci.
 - Dle míry sofistikovanosti **může podporovat nejen tvorbu DMP dokumentu, ale také samotný proces správy výzkumných dat.**















The screenshot shows the DMPonline website interface. At the top, there is a navigation bar with the DMPonline logo and links for Home, Public DMPs, Funder requirements, and Help. A language dropdown menu is also present. The main content area features a heading "Plan to make data work for you" and a sub-heading "Data Management Plans that meet institutional funder requirements." Below this is a diagram illustrating the workflow of creating and sharing data management plans. To the right, there is a sign-in form with fields for Email and Password, a "Remember email" checkbox, and a "Sign in" button. Below the form, there is a link for "Forgot password?" and a button for "Sign in with your institutional credentials". At the bottom of the main content area, there is a statistics section with four icons and corresponding numbers: 125 769 Users, 327 Organisations, 141 371 Plans, and 89 Countries. The footer contains copyright information for the Digital Curation Centre (2010-2024) and links to About Us, Contact Us, Terms of use, Privacy statement, Partners, Accessibility statement, and Github. The DCC logo is also present in the footer.

DMPonline – požadavky donátorů výzkumu

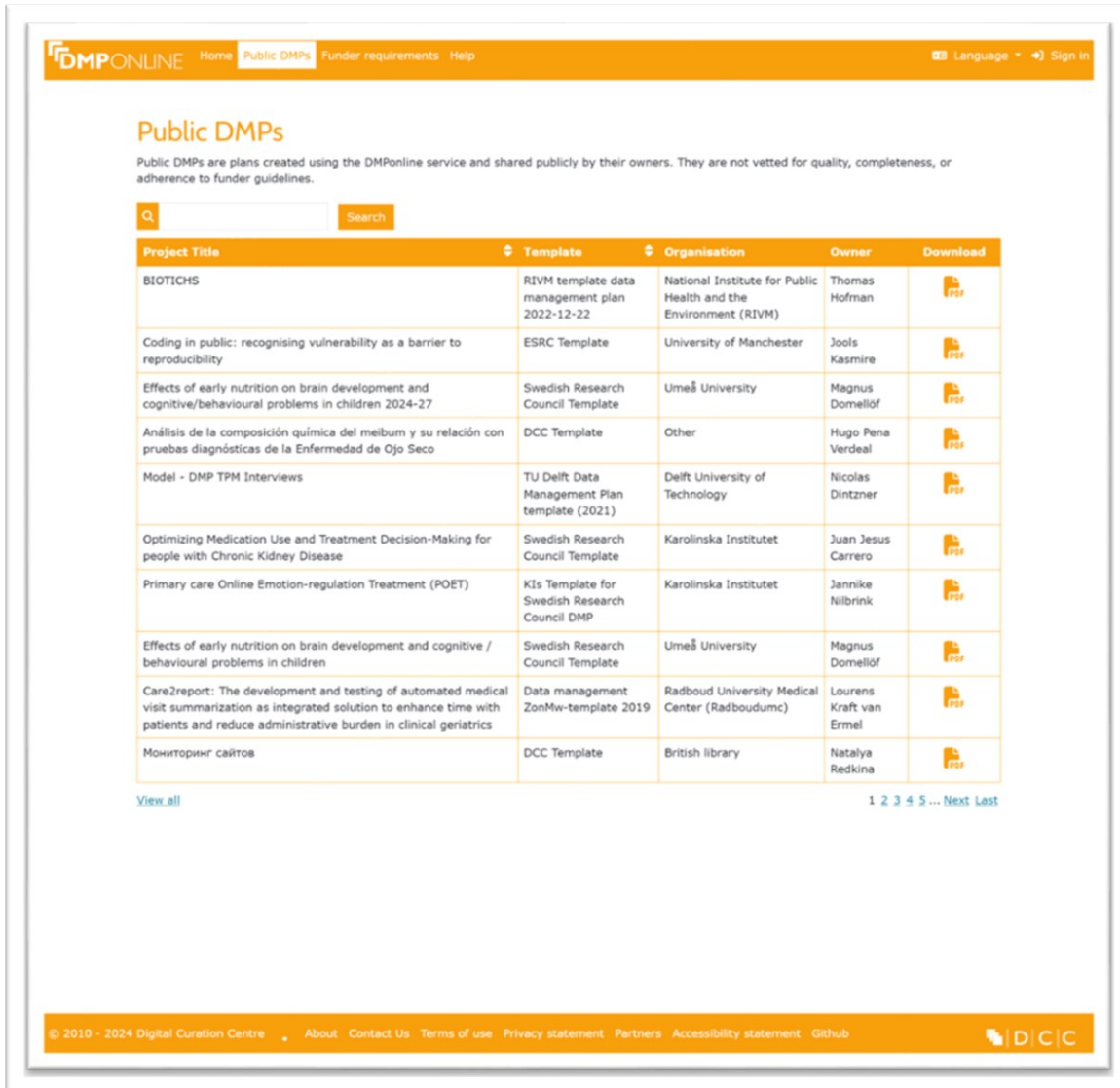
DMPONLINE Home Public DMPs **Funder requirements** Help Language Sign in

Funder requirements

Templates for data management plans are based on the specific requirements listed in funder policy documents. The DCC maintains these templates, however, researchers should always consult the funder guidelines directly for authoritative information.

Template Name	Download	Organisation Name	Last Updated	Funder Links	Create a new plan	Sample Plans (if available)
AHRC Data Management Plan	 	Arts and Humanities Research Council (AHRC)	17-05-2023	Data Management Plan guidance Data Management Points	Requires login	Religious studies DMP from Bristol Language studies DMP from Glasgow UK and German International Criminal Co-operation example from Robert Gordon University
BBSRC Template	 	Biotechnology and Biological Sciences Research Council (BBSRC)	16-05-2019	BBSRC policy on DMPs	Requires login	TRDF Grant DMP from Cambridge Drosophila Genetics DMP from Glasgow
Data Management Plan NWO (September 2020)	 	Netherlands Organisation for Scientific Research (NWO)	08-01-2021	NWO Data management protocol NWO	Requires login	
Datamanagement ZonMw-template 2016-2018	 	ZonMw (Netherlands)	03-08-2021	ZonMw FAIR data management (2016-2018)	Requires login	ischemic heart disease example
Data management ZonMw-template 2019	 	ZonMw (Netherlands)	07-09-2023	ZonMw FAIR data management (2019)	Requires login	
DCC Template	 	Digital	15-06-2020		Requires	

DMPonline – databáze zveřejněných DMP













DMPONLINE Home Public DMPs Funder requirements Help Language Sign In


Public DMPs

Public DMPs are plans created using the DMPonline service and shared publicly by their owners. They are not vetted for quality, completeness, or adherence to funder guidelines.

Search

Project Title	Template	Organisation	Owner	Download
BIOTICHS	RIVM template data management plan 2022-12-22	National Institute for Public Health and the Environment (RIVM)	Thomas Hofman	
Coding in public: recognising vulnerability as a barrier to reproducibility	ESRC Template	University of Manchester	Jools Kasmire	
Effects of early nutrition on brain development and cognitive/behavioural problems in children 2024-27	Swedish Research Council Template	Umeå University	Magnus Domellöf	
Análisis de la composición química del meibum y su relación con pruebas diagnósticas de la Enfermedad de Ojo Seco	DCC Template	Other	Hugo Pena Verdeal	
Model - DMP TPM Interviews	TU Delft Data Management Plan template (2021)	Delft University of Technology	Nicolas Dintzner	
Optimizing Medication Use and Treatment Decision-Making for people with Chronic Kidney Disease	Swedish Research Council Template	Karolinska Institutet	Juan Jesus Carrero	
Primary care Online Emotion-regulation Treatment (POET)	KIs Template for Swedish Research Council DMP	Karolinska Institutet	Jannike Nilbrink	
Effects of early nutrition on brain development and cognitive / behavioural problems in children	Swedish Research Council Template	Umeå University	Magnus Domellöf	
Care2report: The development and testing of automated medical visit summarization as integrated solution to enhance time with patients and reduce administrative burden in clinical geriatrics	Data management ZonMw-template 2019	Radboud University Medical Center (Radboudumc)	Lourens Kraft van Ermel	
Мониторинг сайтов	DCC Template	British library	Natalya Redkina	

[View all](#) 1 2 3 4 5 ... Next Last

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DMPonline – veřejné DMP

Arts and Humanities Research Council (AHRC): AHRC Data Management Plan

Data Summary

1. Briefly introduce the types of data the research will create. Why did you decide to use these data types?

Guidance:
When defining data types, consider the format/quality of the data and how you will make it as easy as possible to access the data.
Consult with your institution's data support (e.g. library services, IT department)

Data Collection

2. Give details on the proposed methodologies that will be used to create the data. Advise how the project team selected will be suitable for the data/digital aspects of the work, including details of how the institution's data support teams may need to support the project

Short-term Data Storage

3. How will the data be stored in the short term?

Guidance:
You should consult with the institution's data support (e.g. library services, IT department).
By submitting the DMP you are confirming that:

- The institution is able to store the data appropriately during the lifecycle of the grant, the relevant people have been consulted and this has been considered and agreed
- The institution has considered all the risks, and storage will be in line with the institution's data management policy (provide a link to the policy if applicable)

3a What backup will you have in the in-project period to ensure no data is lost?

Long-term Data Storage

4. How the data will be stored in the long term?

Guidance:
For advice on data storage and sharing, including future planning for the data, see:
[Digital Preservation Coalition Knowledge Base](#)
[Digital Curation Centre](#)

4a. Where have you decided to store it, why is this appropriate?

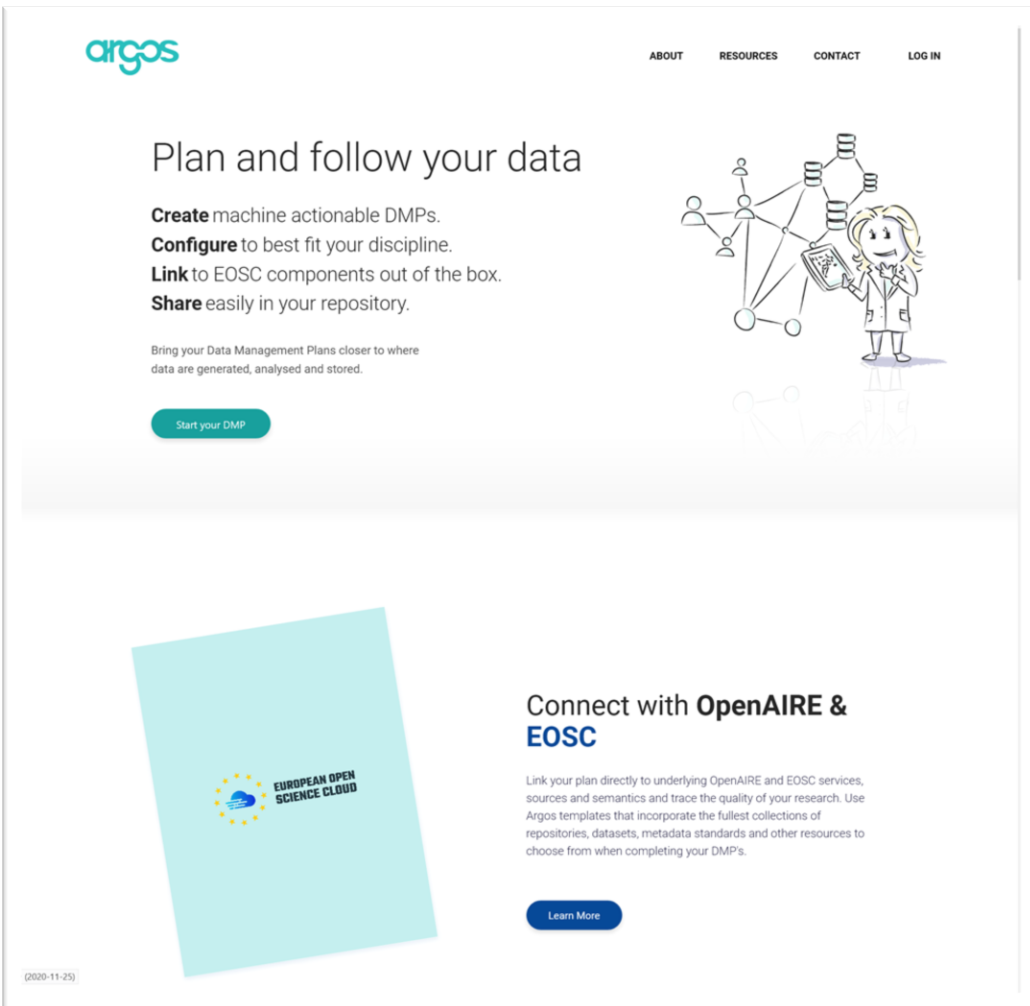
4b. How long will it be stored for and why?

4c. Costs of storage - why are these appropriate? Costs related to long term storage will be permitted providing these are fully justified and relate to the project Full justification must be provided in Justification of Resources (JoR)

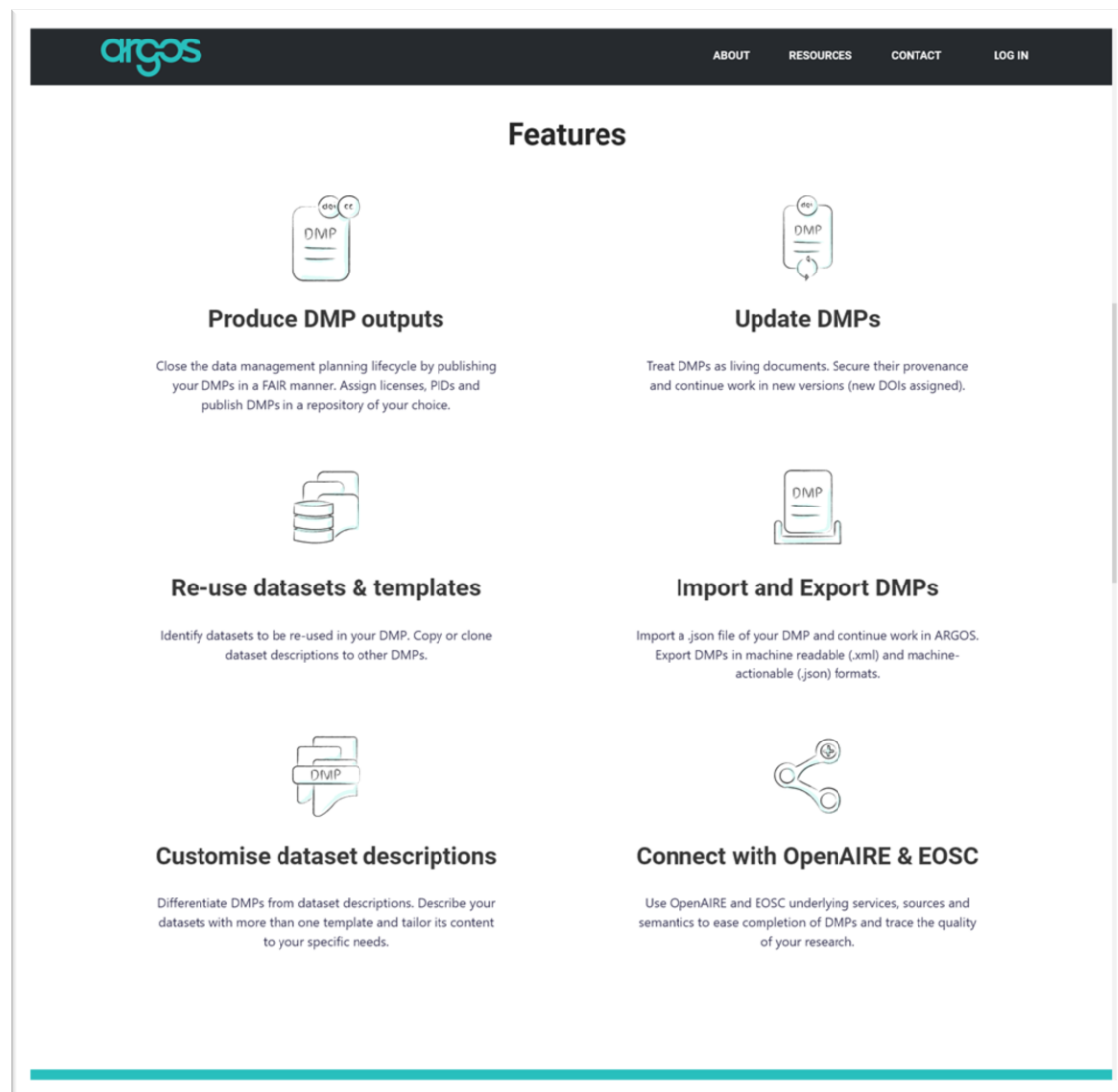
Guidance:
Costs of preserving the data:
[4C \(Collaboration to clarify the costs of Curation\)](#)

DMPonline – tvorba DMP

The screenshot displays the DMPonline web application interface. At the top, there is a navigation bar with the DMPonline logo and user information (Language, Michal Růžička). Below this, the main content area is titled 'Example DMP' and features a breadcrumb trail: Project Details > Contributors > Plan overview > Write Plan > Research Outputs > Share > Download. The 'Write Plan' section is active, showing a list of sections: Data Summary (0 / 6) and FAIR data (0 / 25). The 'FAIR data' section is expanded, revealing two identical questions under the heading '2.1. Making data findable, including provisions for metadata: Will data be identified by a persistent identifier?'. Each question includes a rich text editor with a 'Save' button and a sidebar with 'Guidance' and 'Comments' tabs. The 'Guidance' tab is selected, showing options for 'Glasgow', 'DCC', and 'Liverpool', and a 'Metadata & documentation' button with a plus sign.

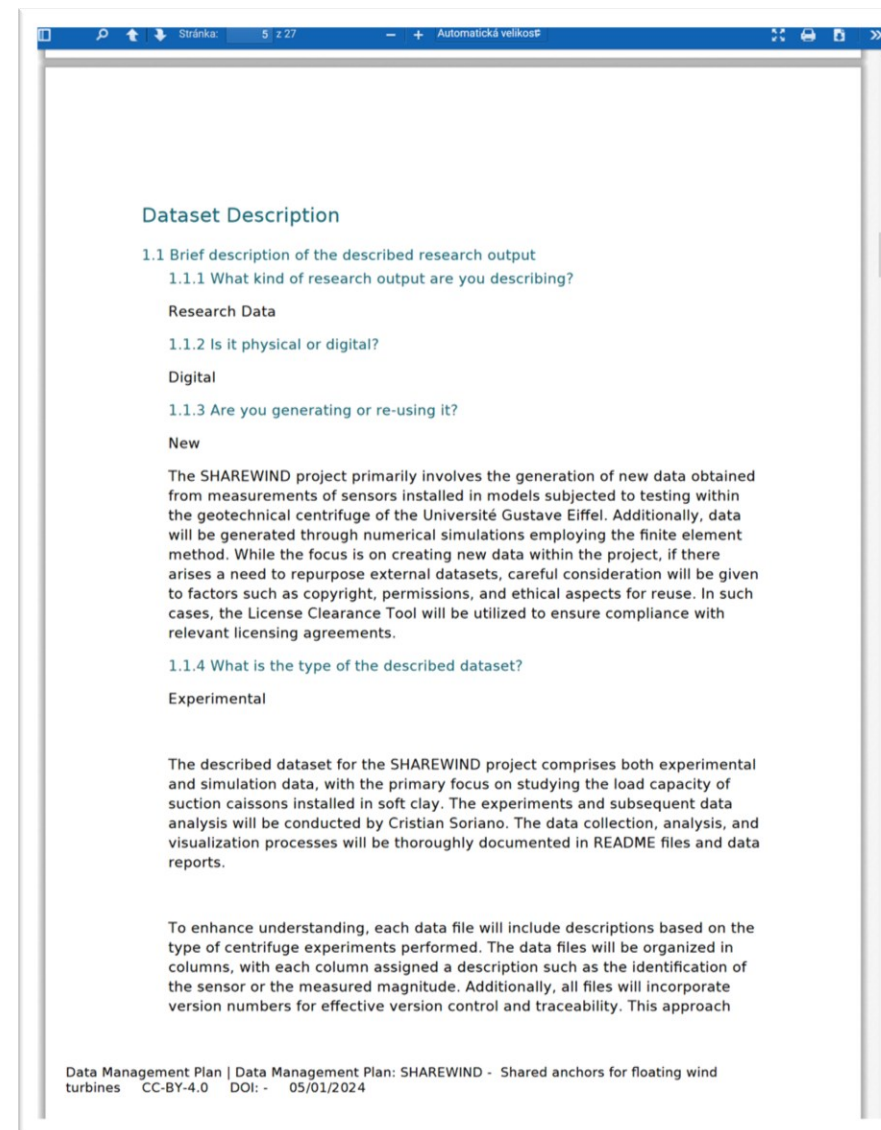
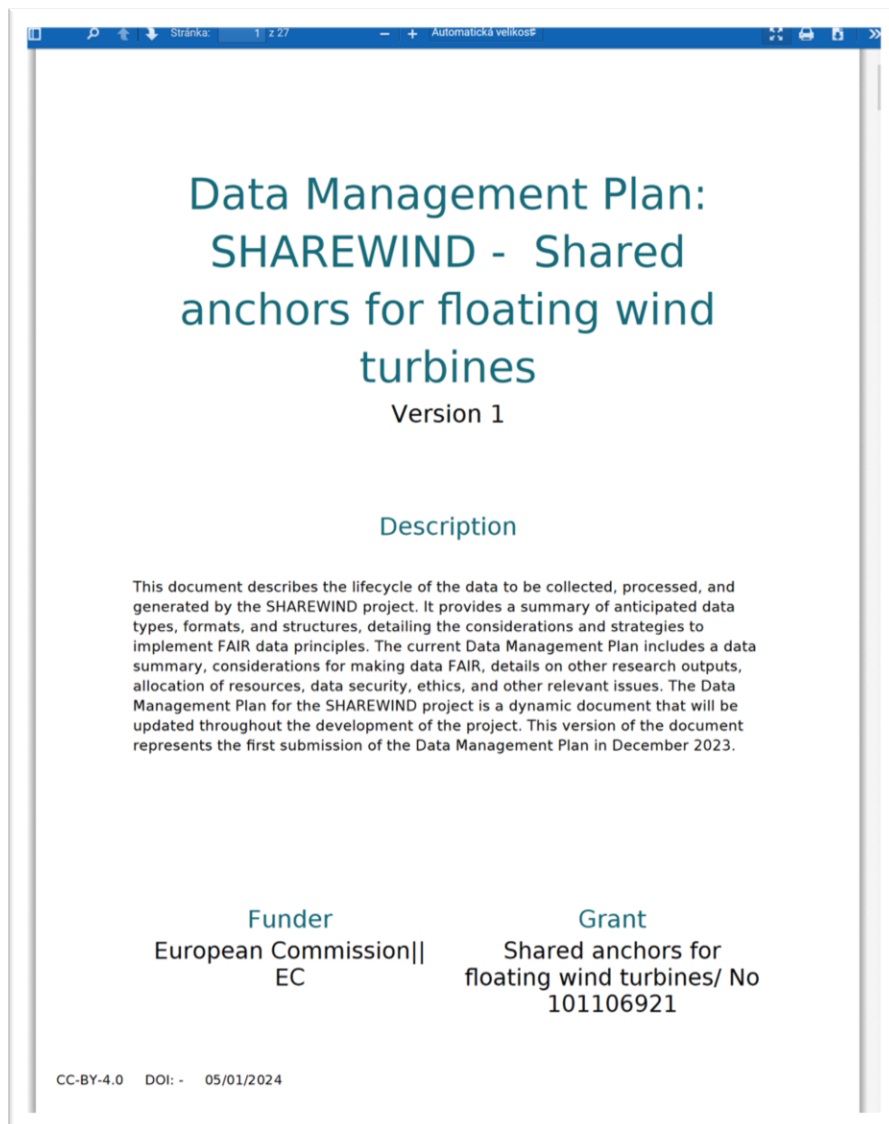


The screenshot shows the Argos homepage with a navigation bar (ABOUT, RESOURCES, CONTACT, LOG IN) and a main heading "Plan and follow your data". Below the heading are four bullet points: "Create machine actionable DMPs.", "Configure to best fit your discipline.", "Link to EOSC components out of the box.", and "Share easily in your repository." A "Start your DMP" button is present. To the right is an illustration of a scientist with data icons. At the bottom left is the "EUROPEAN OPEN SCIENCE CLOUD" logo, and at the bottom right is the heading "Connect with OpenAIRE & EOSC" with a "Learn More" button.



The screenshot shows the Argos Features page with a navigation bar (ABOUT, RESOURCES, CONTACT, LOG IN) and a heading "Features". It contains six feature cards, each with an icon, a title, and a description:

- Produce DMP outputs**: Close the data management planning lifecycle by publishing your DMPs in a FAIR manner. Assign licenses, PIDs and publish DMPs in a repository of your choice.
- Update DMPs**: Treat DMPs as living documents. Secure their provenance and continue work in new versions (new DOIs assigned).
- Re-use datasets & templates**: Identify datasets to be re-used in your DMP. Copy or clone dataset descriptions to other DMPs.
- Import and Export DMPs**: Import a json file of your DMP and continue work in ARGOS. Export DMPs in machine readable (xml) and machine-actionable (json) formats.
- Customise dataset descriptions**: Differentiate DMPs from dataset descriptions. Describe your datasets with more than one template and tailor its content to your specific needs.
- Connect with OpenAIRE & EOSC**: Use OpenAIRE and EOSC underlying services, sources and semantics to ease completion of DMPs and trace the quality of your research.



DS Wizard

Users

Knowledge Models

Projects

List

Importers

Documents

Settings

Albert Einstein
Admin

« Collapse sidebar

My Experiment 👤 🔗 🔄

Questionnaire | Metrics | Preview | Documents | Settings

View | Import answers Comments 4 | TODOs 1 | Version history 🗒

Current Phase

Before Submitting the Proposal

Chapters

- I. Administrative information 1
- II. Re-using data 4
- III. Creating and collecting data 7
- IV. Processing data 4
- V. Interpreting data 2
- VI. Preserving data 4
- VII. Giving access to data 3

IV. Processing data

In the processing phase, the data will be undergoing the mostly automated steps for processing, before the analysis and interpretation.

In this chapter, many questions are focusing on the compute environment that is used to process the data and make it available for interpretation by project partners. Some of those questions (e.g. on workflow systems and data provenance) are also relevant for the work in the interpretation phase.

1 Will you be using a shared working space to work with your data? + 1 comments

Horizon 2020 DMP | Horizon Europe DMP | Science Europe DMP

Will you be using a working space containing data and software specific to the project that is shared between all the people working on the data in the project? Sometimes such a system is called a *Virtual Research Environment*.

Desirable: Before Submitting the Proposal

a. No, participants in the project each have different collections of data and tools

b. Yes

Clear answer

Answered 5 minutes ago by Albert Einstein.

1.b.1 Will this work space be run by dedicated specialists? TODO ×

If your work space is run and maintained by specialists, e.g. the ICT department of one of the institutes involved in the projects, this means that backup and restore as well as access management is properly addressed.

Named versions only

October 2022

▼ 4. 10.

9:38 ⋮

Current 1.0.0

Will this work space be run by dedicated specialists?

Yes

Albert Einstein

9:38 ⋮

Will you be using a shared working space to work with your data?

Yes

Albert Einstein

9:37 ⋮

Data format/type

XML Query Language

Albert Einstein

9:34 ⋮

Cleared reply of

Data set:

<https://researchers.ds-wizard.org/>



DSW Cloud for ELIXIR

Data Stewardship Wizard is an open-source tool for smart and FAIR data management planning. ELIXIR DSW Cloud hosts DSW instances primarily for ELIXIR-affiliated researchers, groups, and institutions.

[Learn more](#)



For Researchers

You can always use the latest version of the open-source tool Data Stewardship Wizard as a researcher in ELIXIR DSW Cloud. Log in using

For Institutions

If you represent an ELIXIR Node, Platform, Community, Focus Group, or a research group affiliated with one of the previously mentioned,

DSW Cloud for ELIXIR

For Researchers

You can always use the latest version of the open-source tool Data Stewardship Wizard as a researcher in ELIXIR DSW Cloud. Log in using Life Science Login and plan your data management in a DSW instance running on the infrastructure provided by ELIXIR and managed by the DSW developers.

[Get started](#)

DSW MUNI – institucionální instance DSW

DS Wizard | Masaryk University Log In

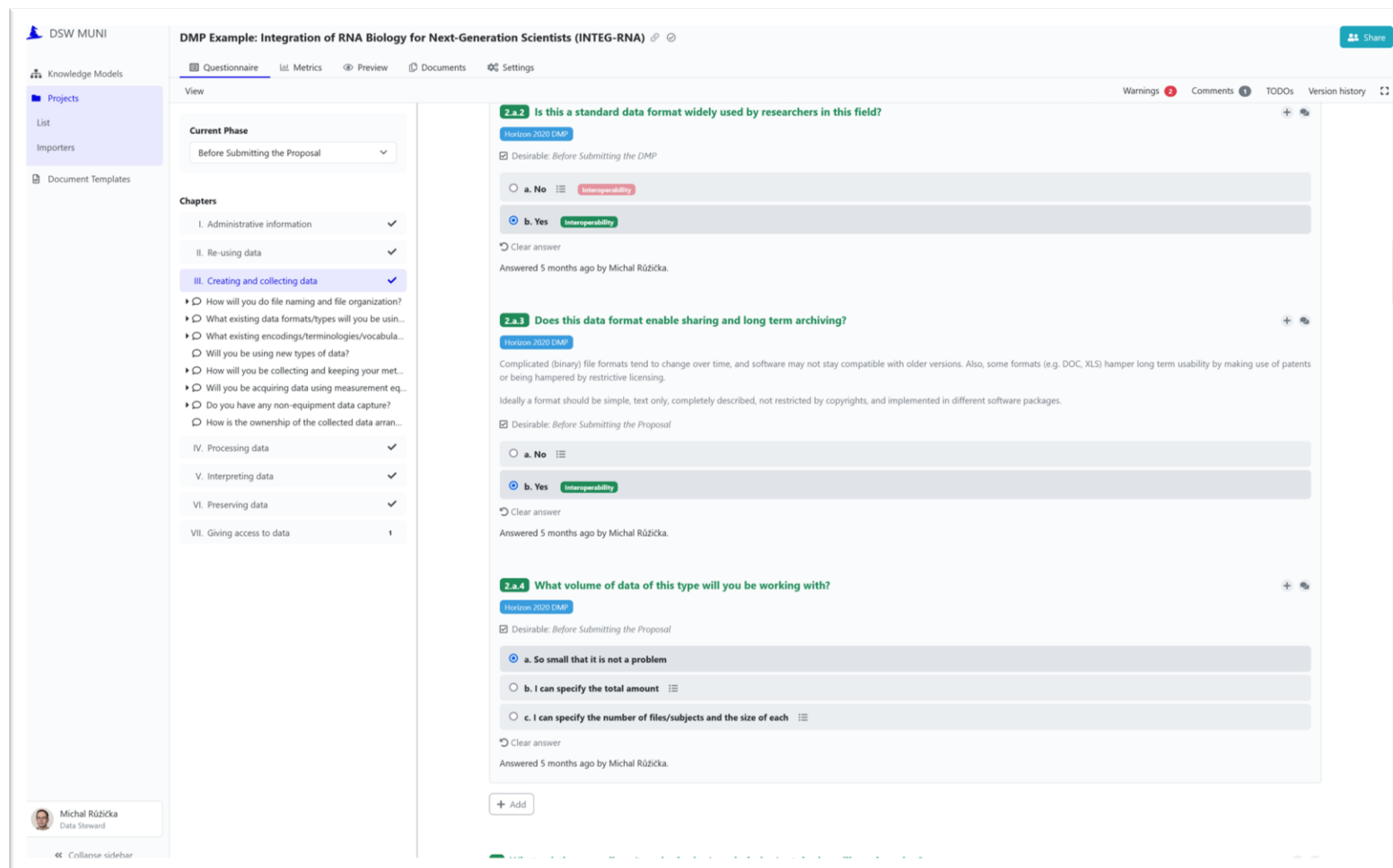
Log In

[Forgot your password?](#) Log In

Or connect with

Jednotné přihlášení MUNI

DSW MUNI – institucionální instance DSW



DSW MUNI

DMP Example: Integration of RNA Biology for Next-Generation Scientists (INTEG-RNA)

Questionnaire | Metrics | Preview | Documents | Settings

View | Warnings | Comments | TODOs | Version history

Current Phase
Before Submitting the Proposal

Chapters

- I. Administrative information ✓
- II. Re-using data ✓
- III. Creating and collecting data ✓
- IV. Processing data ✓
- V. Interpreting data ✓
- VI. Preserving data ✓
- VII. Giving access to data 1

2.a.2 Is this a standard data format widely used by researchers in this field?

Horizon 2020 DMP

Desirable: Before Submitting the DMP

a. No **Interoperability**

b. Yes **Interoperability**

Answered 5 months ago by Michal Růžicka.

2.a.3 Does this data format enable sharing and long term archiving?

Horizon 2020 DMP

Complicated (binary) file formats tend to change over time, and software may not stay compatible with older versions. Also, some formats (e.g. DOC, XLS) hamper long term usability by making use of patents or being hampered by restrictive licensing.

Ideally a format should be simple, text only, completely described, not restricted by copyrights, and implemented in different software packages.

Desirable: Before Submitting the Proposal

a. No **Interoperability**

b. Yes **Interoperability**

Answered 5 months ago by Michal Růžicka.

2.a.4 What volume of data of this type will you be working with?

Horizon 2020 DMP

Desirable: Before Submitting the Proposal

a. So small that it is not a problem

b. I can specify the total amount

c. I can specify the number of files/subjects and the size of each

Answered 5 months ago by Michal Růžicka.

Michal Růžicka
Data Steward

Collapsible sidebar

DSW integrační API

O aplikaci Kopírovat

Klient

Verze v4.2.0~1727bf8

Sestaveno 2. 1. 2024, 8:44

Server

Verze v4.2.0~e4593d33

Sestaveno 2. 1. 2024, 8:43

URL API https://researchers.ds-wizard.org/wizard-api

Dokumentace API https://researchers.ds-wizard.org/wizard-api/swagger-ui/

Document Worker

Verze v4.2.1~36f77cc

Sestaveno 8. 1. 2024, 14:05

Mailer

Verze v4.2.1~36f77cc

Sestaveno 8. 1. 2024, 14:05

OK

24. ledna 2024

JSON Surová data Hlavičky

Uložit Kopírovat Sbalit vše Rozbalit vše Filtr JSON

```

builtAt: "2024-01-02T07:43:07Z"
components:
  0:
    builtAt: "2024-01-08T13:05:07Z"
    createdAt: "2023-04-04T15:17:05.203759Z"
    name: "Mailer"
    updatedAt: "2024-01-08T13:47:13.037736Z"
    version: "v4.2.1~36f77cc"
  1:
    builtAt: "2024-01-08T13:05:09Z"
    createdAt: "2023-04-04T15:17:04.282892Z"
    name: "Document Worker"
    updatedAt: "2024-01-08T13:47:54.479489Z"
    version: "v4.2.1~36f77cc"
name: "Engine Wizard"
version: "v4.2.0~e4593d33"

```

Data management plány a plánování

PUT /document-templates/{documentTemplateId}

GET /document-templates/{documentTemplateId}/bundle

POST /document-templates/{documentTemplateId}/pull

Document

GET /documents

POST /documents

DELETE /documents/{docuId}

GET /documents/{docuId}/available-submission-services

GET /documents/{docuId}/download

Parameters Try it out

Name	Description
Authorization	Authorization
Host	Host
docuId * required	docuId

Responses Response content type: application/json

Code	Description						
200	<p>Example Value</p> <pre>{ "contentType": "text/plain", "url": "http://example.com/temporary-file-1" }</pre> <p>Headers:</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>x-trace-uid</td> <td></td> <td>string</td> </tr> </tbody> </table>	Name	Description	Type	x-trace-uid		string
Name	Description	Type					
x-trace-uid		string					
400	Invalid docuId or Host or Authorization						

Documnet Submission

GET /documents/{docuId}/submissions

POST /documents/{docuId}/submissions




Domain

GET /domains

Feedback

26

DSW MUNI – institucionální integrace

Základní údaje | Popis | Příjemci/Partneři | Lidé | Rozpočet |  Ekonomika |  Dokumenty | Schvalování |  Události/úkony | **Výsledky a DMP** | Audity | Práva

Data Management Plan (DMP)

+ Vytvořit nový DMP + Připojit existující DMP

Název	Popis	DMP UUID	
		3b8ec4f0-311e-4b53-8b12-b326f64bd093	✖

Vytvořit DMP

Název

Popis

Připojit existující DMP

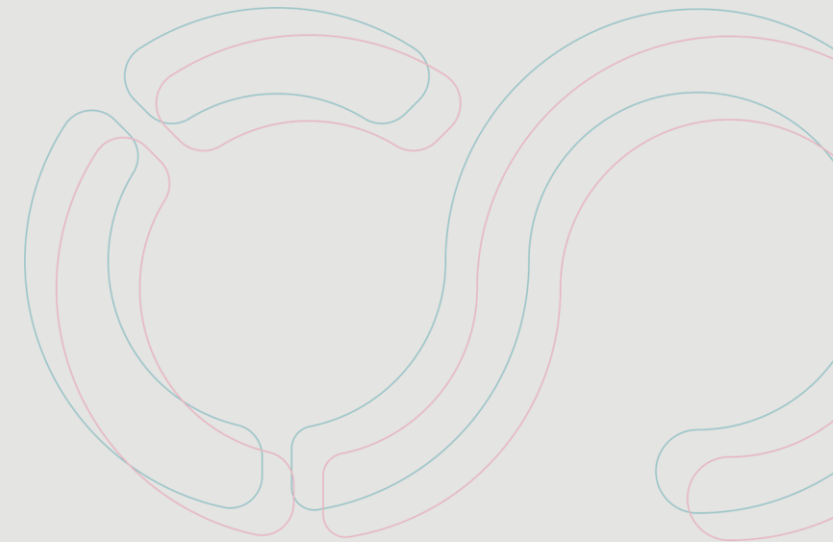
DMP (výběr nebo dle UUID)

Popis

--- Vyberte položku (celkem 11) ---

- Vyberte položku (celkem 11) ---
- Creating a Robust Accessible Federated Technology for Open Access (UUID: 3b8ec4f0-311e-4b53-8b12-b326f64bd093)
- Cyber-security Excellence Hub in Estonia and South Moravia (CHESS) (UUID: 6d8b30cb-fdfb-42c0-a054-caf787432eac)
- DMP Example: Alliance for Life Sciences: From Strategies to Actions in Central and Eastern Europe (A4L_ACTIONS) (UUID: 6e1d7ddb-a462-4c53-a4d4-17b75c69908c)
- DMP Example: Ashy layers: Monjukli Depe (UUID: a31c0d52-76f6-45dd-9e9f-8c3cb110719b)
- DMP Example: Genetic and Community Diversity for Plant Stress Resilience (GENCOVER) (UUID: 6e7bed40-b7f2-4691-9da6-5ae2407d7f18)
- DMP Example: Integration of RNA Biology for Next-Generation Scientists (INTEG-RNA) (UUID: 13d299cb-482a-4cb8-aaaf-8ef57b7e4bc2)
- DMP Example: Investigating the transcriptional regulation of auxin biosynthesis in Arabidopsis embryo (ITRABAE) (UUID: ea3f0803-0c2a-4f31-ac04-7b2da4d848be)
- DMP Example: Neolithic Settlements Analysis (UUID: 2af2429e-0ad9-470d-afbe-49365c90de33)
- DMP Example: VŠCHT DMP Example – DSW-Horizon Europe (UUID: a3cdc700-79fd-4de2-b63b-b6aaaf47b4ca)
- Demo DMP pro OS metodiky (UUID: 9fdde6c3-e452-498b-b1dd-8be56fdab006)
- National Institute of Virology and Bacteriology (NIVB) - Roman Pantůček (UUID: 740af880-6046-4415-8df8-ce94dc9d1a36)

“In preparing for battle
I have always found that
plans are useless,
but planning is indispensable...”
— Dwight D. Eisenhower



Ukázkové DMP

- University of Vienna's Phaidra repository – **mnoho stovek veřejně dostupných** Horizon 2020 **DMP**:
<https://hdl.handle.net/11353/10.1140797>
- **DMPonline**: https://dmponline.dcc.ac.uk/public_plans
- **Argos**:
 - DMP: <https://argos.openaire.eu/explore-plans>
 - Datové sady: <https://argos.openaire.eu/explore>

University of Vienna's Phaidra Repository – DMP Collection Overview

Phaidra_link	document_title	document_description	project_id	project_acronym	project_title	cordis_project_link	project_start
https://phaidra.univie.ac.at/o:1139130	Data management plan	Data management plan providing a detailed outline of APPLICATE data management strategy, includi	727862 APPLICATE		Advanced Prediction in Polar regions and beyond: Modelling, observing system design and Linkages	https://cordis.europa.eu/project/id/727862	2016-
https://phaidra.univie.ac.at/o:1139131	D7.1 Data Management Plan & Handbook	This deliverable describes internal quality assurance and communication procedures & will also include	780298 Made4You		Open and Inclusive Healthcare for Citizens Based on Digital Fabrication	https://cordis.europa.eu/project/id/780298	2018-
https://phaidra.univie.ac.at/o:1139132	Data management plan	This deliverable comprises the project data management plan.	642018 GREEN-WIN		Green growth and win-win strategies for sustainable climate action	https://cordis.europa.eu/project/id/642018	2015-
https://phaidra.univie.ac.at/o:1139133	Data Management Plan (DPM) V1	The DPM comprises the provision for making the project data findable, accessible, interoperable and i	789255 SAFEWAY		GIS-BASED INFRASTRUCTURE MANAGEMENT SYSTEM FOR OPTIMIZED RESPONSE TO EXTR	https://cordis.europa.eu/project/id/789255	2018-
https://phaidra.univie.ac.at/o:1139134	Data Management Plan	Data Management Plan for the data generated by SlideWiki platform. This plan will include the suitable	688095 SlideWiki		Large-scale pilots for collaborative OpenCourseWare authoring, multiplatform delivery and Learning A	https://cordis.europa.eu/project/id/688095	2016-
https://phaidra.univie.ac.at/o:1139135	Data Management Plan	Data Management Plan	723853 COROMA		Cognitively enhanced robot for flexible manufacturing of metal and composite parts	https://cordis.europa.eu/project/id/723853	2016-
https://phaidra.univie.ac.at/o:1139136	Data management plan (DMP) based on data policies of EA	First version of the data management plan for CALIPSOplus is available	730872 CALIPSOplus		Convenient Access to Light Sources Open to Innovation, Science and to the World	https://cordis.europa.eu/project/id/730872	2017-
https://phaidra.univie.ac.at/o:1139137	Data Management Plan	This Deliverable will describe how to cope with the Data Management Plan Pilot as described in Articl	688188 MURAB		MRI and Ultrasound Robotic Assisted Biopsy	https://cordis.europa.eu/project/id/688188	2016-
https://phaidra.univie.ac.at/o:1139138	Data Management Plan	Data Management Plan will be submitted in M6 and checked and updated for M36 and as appropriate	686865 BREAKBEN		Breaking the Nonuniqueness Barrier in Electromagnetic Neuroimaging	https://cordis.europa.eu/project/id/686865	2016-
https://phaidra.univie.ac.at/o:1139139	Data Management Plan	WP1 will produce a Data Management Plan in M6.	675451 CompBioMed		A Centre of Excellence in Computational Biomedicine	https://cordis.europa.eu/project/id/675451	2016-
https://phaidra.univie.ac.at/o:1139140	ORDP: Data Management Plan	This Deliverable will describe how to cope with the Data Management Plan Pilot as described in Articl	688188 MURAB		MRI and Ultrasound Robotic Assisted Biopsy	https://cordis.europa.eu/project/id/688188	2016-
https://phaidra.univie.ac.at/o:1139141	A data management plan for the Icelandic RIF station in c	A data management plan for the Icelandic RIF station in connection with ABDS for the selected focal e	730938 INTERACT		International Network for Terrestrial Research and Monitoring in the Arctic	https://cordis.europa.eu/project/id/730938	2016-
https://phaidra.univie.ac.at/o:1139142	Data management plan	The data management plan describes how existing and newly generated data are processed, manage	733032 HBM4EU		European Human Biomonitoring Initiative	https://cordis.europa.eu/project/id/733032	2017-
https://phaidra.univie.ac.at/o:1139143	First version of the Data Management Plan	Report on First version of the Data Management PlanThe progress of the implementation of Data Mar	642154 FISSAC		FOSTERING INDUSTRIAL SYMBIOSIS FOR A SUSTAINABLE RESOURCE INTENSIVE INDUSTRY	https://cordis.europa.eu/project/id/642154	2015-
https://phaidra.univie.ac.at/o:1139144	Data Management plan - M12	Data Management plan - yearly updateThis is a document outlining how the research data collected o	654650 Residue2Heat		Renewable residential heating with fast pyrolysis bio-oil	https://cordis.europa.eu/project/id/654650	2016-
https://phaidra.univie.ac.at/o:1139145	Data management Plan	This report exposes the Open Data Management Plan and Open Research Data Pilot preparation and	731148 INVADE		Smart system of renewable energy storage based on INtegrated EVs and bAtteries to empower mob	https://cordis.europa.eu/project/id/731148	2017-
https://phaidra.univie.ac.at/o:1139146	Data Management plan - M24	Data Management plan - yearly updateThis is a document outlining how the research data collected o	654650 Residue2Heat		Renewable residential heating with fast pyrolysis bio-oil	https://cordis.europa.eu/project/id/654650	2016-
https://phaidra.univie.ac.at/o:1139147	Project Management, Quality and Risk Plan	Includes plans for project management(also a detailed data management plan), quality and risk mana	740698 MARISA		Maritime Integrated Surveillance Awareness	https://cordis.europa.eu/project/id/740698	2017-
https://phaidra.univie.ac.at/o:1139148	Data management plan	Data Management plan, including publication policy and Intellectual Property Rights (IPR).	641762 ECOPOTENTIAL		ECOPOTENTIAL: IMPROVING FUTURE ECOSYSTEM BENEFITS THROUGH EARTH OBSERVATI	https://cordis.europa.eu/project/id/641762	2015-
https://phaidra.univie.ac.at/o:1139149	INTERACT Data Management Plan	INTERACT Data Management Plan	730938 INTERACT		International Network for Terrestrial Research and Monitoring in the Arctic	https://cordis.europa.eu/project/id/730938	2016-
https://phaidra.univie.ac.at/o:1139150	Data management plan	This deliverable will deliver the data management plan produced within DataBio, following the EC reco	732064 DataBio		Data-Driven Bioeconomy	https://cordis.europa.eu/project/id/732064	2017-
https://phaidra.univie.ac.at/o:1139151	Data Management Plan (v1)	First version of the Data Management Plan	740712 COMPACT		Competitive Methods to protect local Public Administration from Cyber security Threats	https://cordis.europa.eu/project/id/740712	2017-
https://phaidra.univie.ac.at/o:1139152	Data management plan	Data management plan	730403 INNOPATHS		Innovation pathways, strategies and policies for the Low-Carbon Transition in Europe	https://cordis.europa.eu/project/id/730403	2016-
https://phaidra.univie.ac.at/o:1139153	Admin: Data management plan	Data management plan (3)	722346 EUROPAPH		The Extensive and Ubiquitous Role of Polycyclic Aromatic Hydrocarbons (PAHs) in Space	https://cordis.europa.eu/project/id/722346	2016-
https://phaidra.univie.ac.at/o:1139154	Data Management Plan	"The Data Management Plan is developed as part of the "Clearing House" (Task 2.4). The purpose c	731289 InterFlex		Interactions between automated energy systems and Flexibilities brought by energy market players	https://cordis.europa.eu/project/id/731289	2017-
https://phaidra.univie.ac.at/o:1139155	FAIR Data Management Plan	FAIR (findable, accessible, interoperable and reusable) Data Management Plan defining collection, tre	776465 RURITAGE		Rural regeneration through systemic heritage-led strategies	https://cordis.europa.eu/project/id/776465	2018-
https://phaidra.univie.ac.at/o:1139156	Data Management plan	Data Management plan	766840 COSY-BIO		Control Engineering of Biological Systems for Reliable Synthetic Biology Applications	https://cordis.europa.eu/project/id/766840	2017-
https://phaidra.univie.ac.at/o:1139157	First Updated Data Management Plan	The project data management plan will be developed during the first six months of the project and sho	730944 RINGO		Readiness of ICOS for Necessities of integrated Global Observations	https://cordis.europa.eu/project/id/730944	2017-
https://phaidra.univie.ac.at/o:1139158	Open Data Management Plan	Open Data Management Plan	770143 ReFreeDrive		Rare Earth Free e-Drives featuring low cost manufacturing	https://cordis.europa.eu/project/id/770143	2017-
https://phaidra.univie.ac.at/o:1139159	Initial Data Management Plan (DMP).	The project data management plan will be developed during the first six months of the project and sho	730944 RINGO		Readiness of ICOS for Necessities of integrated Global Observations	https://cordis.europa.eu/project/id/730944	2017-
https://phaidra.univie.ac.at/o:1139160	Open Research Data Pilot Management Plan	Report on the Open Research Data Management Plan for WEARPLEX	825339 WEARPLEX		Wearable multiplexed biomedical electrodes	https://cordis.europa.eu/project/id/825339	2019-
https://phaidra.univie.ac.at/o:1139161	Data Management Plan	Development (and regular updating) of a Data Management Plan (DMP) outlining the project's policy b	838335 Net4Society5		National Contact Points (NCPs) Network of Societal Challenge 6 'Europe in a changing world – inclus	https://cordis.europa.eu/project/id/838335	2019-
https://phaidra.univie.ac.at/o:1139162	Data Management Plan (DMP)	Data Management Plan (DMP)	780839 MOLOKO		Multiplex pHtomic sensor for pLasmonic-based Online detection of contaminants in milk	https://cordis.europa.eu/project/id/780839	2018-
https://phaidra.univie.ac.at/o:1139163	Data Management Plan	D8.6 : Data Management plan	736937 M-CUBE		MetaMaterials antenna for ultra-high field MRI	https://cordis.europa.eu/project/id/736937	2017-
https://phaidra.univie.ac.at/o:1139164	Data Management Plan	Data Management Plan: Report on consortium Data Management Plan finished, detailing what data th	736899 MagnaPharm		Magnetic Control of Polymorphism in Pharmaceutical Compounds	https://cordis.europa.eu/project/id/736899	2017-

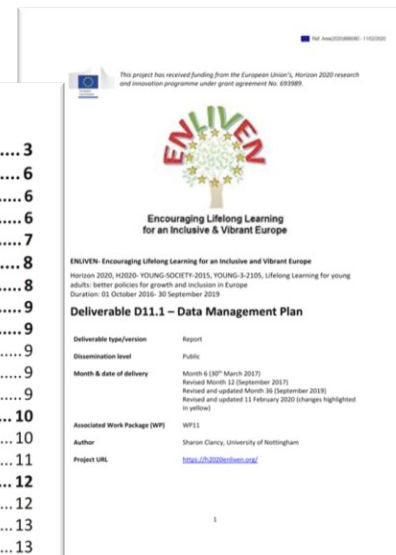
<https://hdl.handle.net/11353/10.1159821>

ENLIVEN ('Encouraging Lifelong Learning for an Inclusive and Vibrant Europe') Data Management Plan

- <https://hdl.handle.net/11353/10.1139743>
- Oblast **sociálních věd**.
 - Audio a video data, přepisy **rozhovorů**.
 - **Omezení přístupu** k datům.
- Využití **existujících dat** + sběr **vlastních**.
- **Průběžná aktualizace DMP**
 - Přehled změn v tabulce.
 - Migrace (některých) dat do UK.
 - Ukládání v MS O365 Teams (šifrovaně).
- **Etika** popsána v **samostatném dokumentu**, z DMP jen **odkázána**.
- Spolupráce více institucí → **rozdělení odpovědnosti**, explicitní **vymezení**, kdo je za co **odpovědný**.
 - Odkaz na využívání institucionální podpory pro DMP, pokud si nebudou jisti.
- Pěkný **popis ochrany dat**.
 - Informace o anonymizaci v příloze.
- Dokumentace a výstupní **publikace** (včetně webových stránek) **součástí DMP**.
- Popis hardware a software by mohl být podrobnější.
 - Ale popis zálohování je přítomen.
- **Vyjasněna autorská práva**, proces **QA**.

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RECETOX MU DMP

- **Generický dokument** popisující RECETOX infrastrukturu jako celek.
- Sazba jako LaTeXový dokument přes Overleaf
- **DMP pro projekty** generovány jako vybrané **podčásti** z **generického dokumentu**.

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Otázky?



Zdroj: Communicate_communication_conference_2028004 od OpenClipart-Vectors z Pixabay



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Děkuji za pozornost!

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