

DATA
MANAGEMENT
PLAN

AMUNI

2021-10-27



EVROPSKÁ UNIE
Evropské strukturální a investiční fondy
Operační program Výzkum, vývoj a vzdělávání



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY

MUNI

OA Week Talk, Tomas Bata University in Zlín Data Management Plan

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2021-10-27

M U N I

Research Data Life-Cycle

Research Data Life-Cycle



- What data you are (re)using
 - including licensing allowing you to do so,
- what data you generate and how,
- where you store them, back them up,
- store them for the long term,
- how you persistently and uniquely identify them,
- process them,
- analyse them,
- where you publish and share them,
- who will pay for all these data handlings;
- what the data really is about,
- for what the data is suitable,
- who can reuse the data,
- what particular data supports your results,
- how to use them to repeat your experiments etc.

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

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FAIR Principles

FAIR Principles – Findable

The first step in (re)using data is to find them. Metadata and data should be easy to find for both humans and computers. Machine-readable metadata are essential for automatic discovery of datasets and services, so this is an essential component of the [FAIRification process](#).

- F1. (Meta)data are assigned a globally unique and persistent identifier.
- F2. Data are described with rich metadata (defined by R1 below).
- F3. Metadata clearly and explicitly include the identifier of the data they describe.
- F4. (Meta)data are registered or indexed in a searchable resource.

Source: GO FAIR, <https://www.go-fair.org/fair-principles/>

FAIR Principles – Accessible

Once the user finds the required data, she/he/they need to know how can they be accessed, possibly including authentication and authorisation.

- A1. (Meta)data are retrievable by their identifier using a standardised communications protocol.
 - A1.1 The protocol is open, free, and universally implementable.
 - A1.2 The protocol allows for an authentication and authorisation procedure, where necessary.
- A2. Metadata are accessible, even when the data are no longer available.

Source: GO FAIR, <https://www.go-fair.org/fair-principles/>

FAIR Principles – Interoperable

The data usually need to be integrated with other data. In addition, the data need to interoperate with applications or workflows for analysis, storage, and processing.

- I1. (Meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.
- I2. (Meta)data use vocabularies that follow FAIR principles.
- I3. (Meta)data include qualified references to other (meta)data.

Source: GO FAIR, <https://www.go-fair.org/fair-principles/>

FAIR Principles – Reusable

The ultimate goal of FAIR is to optimise the reuse of data. To achieve this, metadata and data should be well-described so that they can be replicated and/or combined in different settings.

- R1. (Meta)data are richly described with a plurality of accurate and relevant attributes.
 - R1.1. (Meta)data are released with a clear and accessible data usage license.
 - R1.2. (Meta)data are associated with detailed provenance.
 - R1.3. (Meta)data meet domain-relevant community standards.

Source: GO FAIR, <https://www.go-fair.org/fair-principles/>

M U N I

Data Management Plan

DMPlanning vs. DMPlan

1. Data Management Planinng

*„The **process** of planning, describing, and communicating the life cycle of data and the activities associated with its management during research.“*

2. Data Management Plan (DMP)

*„A **document** that describes these activities (documents are often required by grant or grant providers).“*

Source: Petra Dědičová, Data management a jak psát data management plan

<https://www.slideshare.net/butlibrary/data-management-a-jak-psat-data-management-plan-41441697>

Research Funding Agencies Requirements

- More and more common to require DMP as a standard part of the project.
- Horizon Europe wants
 - an initial DMP,
 - the DMP in the middle of the project,
 - the final DMP.
- DMP is a living document – should be kept up-to-date during the project.

Plan to make data work for you

Data Management Plans that meet institutional funder requirements.



DMPonline helps you to create, review, and share data management plans that meet institutional and funder requirements. It is provided by the Digital Curation Centre (DCC).

[Sign in](#)

[Create account](#)

* **Email**

* **Password**

[Forgot password?](#)

☐ Remember email

[Sign in](#)

- or -

[Sign in with your institutional credentials](#)



59,972 Users



314 Organisations



65,212 Plans



89 Countries











DMPonline – Public DMPs

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
EXPECTPERCEPT - How our expectations can make us hallucinate: the neural mechanisms underlying perception	ERC DMP	University College London	Peter Kok	
TEST - Studie on metamorphose - TEST	Uppsala University - data management plan	Uppsala University	Jacob Hakansson	
Wellbeing Project During COVID-19	EUR Data Management Plan	Erasmus University Rotterdam	Sophie Sweijen	
Fieldlab Besmettingsrisicoanalyse	TU Delft Data Management Questions	Delft University of Technology	Daniel Brus	
Validation Studies of a Questionnaire for Evaluating Human Interaction with An Artificial Social Agent	TU Delft Data Management Questions	Delft University of Technology	Siska Fitrianie	
DEVELOPMENT OF A PROJECT RISK MANAGEMENT FRAMEWORK A STUDY OF AFRICAN MAJOR ECONOMIES	University of Manchester Generic Template	University of Manchester	BABATUNDE DOSUMU	
Quantum-accelerated algorithmic feature learning	TU Delft Data Management Questions	Delft University of Technology	Aritra Sarkar	
Radiocarbon geochronology of the Southern Brazilian upper margin: Data revision and new information	DCC Template	Other	Michel Michaelovitch de Mahiques	
Long Distance Accessibility By Air Transportation Focus Group Meeting	TU Delft Data Management Questions	Delft University of Technology	Sihyun Yoo	
Uncertainty, Ambivalence and Doubt: 'Indo-Guyanese' futures in the context of oil, flooding, and COVID-19	ESRC Template	London School of Economics and Political Science	Rhys Madden	

[View all](#)

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

DMPonline – Public DMPs: Example

↑ ↓ 2 z 3

Automatická velikost

🖨️ 📄 📌 🔍

☰ ☰ ☰

Radiocarbon geochronology of the Southern Brazilian upper margin: Data revision and new information

▼ Radiocarbon geochronology of the Southern Brazilian upper margin: Data revision and new information

Data Collection

Documentation and Metadata

Ethics and Legal Compliance

Storage and Backup

Selection and Preservation

Data Sharing

Responsibilities and Resources

Radiocarbon geochronology of the Southern Brazilian upper margin: Data revision and new information

Data Collection

Radiocarbon data from published and unpublished scientific papers

The data was partially determined by research funds. Other data refer to published scientific papers. All of the papers are cited

Documentation and Metadata

All of the data will be available as an MS Excel file

Ethics and Legal Compliance

Most of the data belong to me. The rest is already published and, thus, public

I am the owner of most data. The remaining data are already published

Storage and Backup

The data will be stored at a data bank belonging to the University of São Paulo

The data are open for access (reading). Changes will be performed by myself

Selection and Preservation

DMPonline – Funder Requirements

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)	28-05-2020	Data Management Plan guidance Data Management Points	 	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	 	TRDF Grant DMP from Cambridge Drosophila Genetics DMP from Glasgow
Data Management Plan NWO (September 2020)	 	Netherlands Organisation for Scientific Research (NWO)	26-10-2020	NWO Data management protocol NWO	 	
Datamanagement ZonMw-template 2016-2018	 	ZonMw (Nederlands)	16-06-2020	ZonMw FAIR data management (2016-2018)	 	ischemic heart disease example
Data management ZonMw-template 2019	 	ZonMw (Nederlands)	15-06-2020	ZonMw FAIR data management (2019)	 	
DCC Template	 	Digital Curation Centre	15-06-2020		 	
EPSRC Data Management Plan	 	Engineering and Physical Sciences Research Council (EPSRC)	16-05-2019	Policy framework on research data	 	Synthetic chemistry example from Glasgow
ERC DMP	 	European Research Council (ERC)	18-10-2018		 	

Argos

Plan and follow your data. Create, Configure, Link, Share DMPs.

Argos (argos.openaire.eu) is the online machine-actionable tool developed by OpenAIRE to facilitate Research Data Management (RDM) activities concerning the implementation of Data Management Plans (DMPs). It is an open, extensible and collaborative tool which follows global standards as endorsed by the Research Data Alliance (RDA). Argos uses OpenAIRE guides created by its RDM Task Force to familiarize users with basic RDM concepts and guide them throughout the process of describing their data. It also utilises the OpenAIRE pool of services and inferred sources to make DMPs more dynamic in use and easier to be completed and published. Argos is based on the OpenDMP open source software, developed in collaboration with EUDAT CDI.

DMP

Data Management Planning tool

Data Management Plan

DMP tool

machine-actionable

maDMPs

Homepage Service

Usage

TECHNOLOGY READINESS LEVEL

9 - actual system proven in operational environment

LIFECYCLE STATUS Production

TARGET USERS

2020-11-16)

researchers; research communities; research administrators; research institutions; academic libraries; research libraries; funders

Service coverage

Countries serviced by Argos



Argos – Features



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.



Re-use datasets & templates

Identify datasets to be re-used in your DMP. Copy or clone dataset descriptions to other DMPs.



Customise dataset descriptions

Differentiate DMPs from dataset descriptions. Describe your datasets with more than one template and tailor its content to your specific needs.



Update DMPs

Treat DMPs as living documents. Secure their provenance and continue work in new versions (new DOIs assigned).



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.

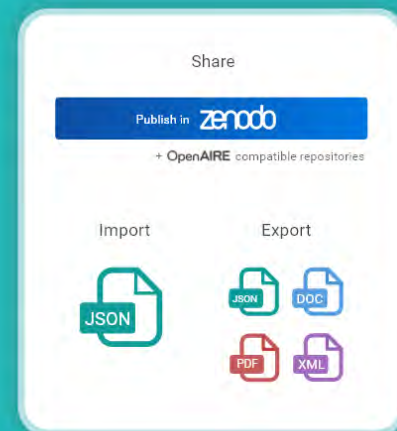


Connect with OpenAIRE & EOSC



Use OpenAIRE and EOSC underlying services, sources and semantics to ease completion of DMPs and trace the quality of your research.


Start your ARGOS experience


- 1 Select Templates
- 2 Fill the information
- 3 Share DMP






Argos – Public DMPs



 



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DMP

Published: August 21, 2020

DMP For Grant : Demonstration and implementation of an integrated process for the Plasma-Enhanced Chemical Solution Deposition of PMMA-multicomponent coatings on wood and wood-based substrates


 Published

Version 0

Grant: Demonstration and implementation of an integrated process for the Plasma-Enhanced Chemical Solution Deposition of PMMA-multicomponent coatings on wood and wood-based substrates

Contained Datasets: (1)

Horizon 2020 Dataset Description


 Export

...

DMP

Published: August 5, 2020

ENHANCEMENT OF UV STABILITY OF THERMALLY MODIFIED WOOD THROUGH ENVELOPE IMPREGNATION WITH NANO BASED STABILISERS


 Published

Version 0

Grant: H2020-MSCA-IF-WF-2018

Contained Datasets: (1)

NewSiest_DMP

 Export

...

Argos – Public DMPs



2

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90 %



Datasets

Title: Horizon 2020 Dataset Description

Template: Horizon 2020

External References

Data Repositories

Zenodo, GitHub

External Datasets

Registries

Services

Dataset Description

1 Data Summary

1.1 What is the purpose of the data collection/generation and its relation to the objectives of the project?



The data is collected to validate the novel approach and demonstrate the new coating technology. The construction details, protocols, process parameters, and analytical measurements on the produced coatings all aim to fulfil the three objectives. The raw data on plasma-treated and plasma-coated wood substrates might further be helpful for readers of our scientific articles, that are to be published, allowing them to verify our findings. Thus, publishing all data allows to achieve a more complete transparency and reproducibility. Furthermore, the data may help to form a more complete view on the effects of different plasma treatments on wood surfaces, and thus might enable to generate a general model covering all different plasma treatments. The three main objectives of the action are: (I) Building an integrated device, (II) optimizing the parameters of PMMA deposition for exterior use, thereby further improving the understanding of the processes, and (III) demonstrating the technique's capability and priming the industrial implementation. The created data will therefore include: (I) construction details and computer-aided design (CAD) assisted drawings, (II) coating deposition protocols, plasma diagnostic data, and data for the characterisation of the deposited coatings, as well as (III) aging, weathering and adhesion tests of the coatings, amongst other measurements, that indicate the industrial usability. However, variables and types of the data required to fulfil these three objectives are too complex to be stated in one paragraph. These will be explored in more detail later within this plan.


1.2 What types and formats of data will the project generate/collect?


(I) Construction details, CAD drawings, simulations: CAD drawings:


SolidWorks: .sldprt, .sldasm, .slddrw / .pdf, .jpg Simulations: COMSOL Multiphysics: .mph / .pdf, .jpg (II) Coating deposition protocols, plasma diagnostic data, and data for the characterisation of the deposited coatings: Protocols: Word: .docx / .txt Optical Emission Spectroscopy (OES) spectra: .xls / .pdf Tensiometer: KRÜSS Laboratory Desktop: .xls / .mdb Goniometer: Attension: .xls / .bmp, .png, .jpg Fourier-Transform InfraRed (FTIR) Spectrometer: Spectrum: .xls, .txt / .bmp, .png, .jpg, .gif, .tif Secondary



Argos – Public Datasets



 



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Dataset

Published: August 21, 2020



Horizon 2020 Dataset Description

 Public Grant: Demonstration and implementation of an integrated process for the Plasma-Enhanced Chemical Solution Deposition of PMMA-multicomponent coatings on wood and wood-based substrates

Part of

DMP


 DMP For Grant : Demonstration and implementation of an integrated process for the Plasma-Enhanced Chemical Solution Deposition of PMMA-multicomponent coatings on wood and wood-based substrates

 Export 

Dataset

Published: August 5, 2020



NewSiest_DMP

 Public Grant: H2020-MSCA-IF-WF-2018

Part of

DMP

 ENHANCEMENT OF UV STABILITY OF THERMALLY MODIFIED WOOD THROUGH ENVELOPE IMPREGNATION WITH NANO BASED STABILISERS

 Export 

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Dataset

H2020 NEANIAS WP4 Space Astrophysics Datasets

Public · Edited : June 16, 2020 · FINALIZED

Part of

[DMP For H2020 NEANIAS WP4 Space Astrophysics](#)

Grant

Novel EOSC services for Emerging Atmosphere, Underwater and Space Challenges

Researchers

Marco Molinaro, Eva Sciacca, Eugenio Schisano, Robert Butora, Filomena Bufano

Description

The H2020 NEANIAS Project aims to design, deliver, and integrate into the European Open Science Cloud innovative thematic services, derived from state-of-the-art research assets and practices in three major sectors: underwater research, atmospheric research and space research. In particular the Work Package 4 is focused on the thematic services related to the Space environment. The Space environment comprises astrophysicists and planetary scientists that will handle data within three services: S1 - FAIR Data Management and visualization for complex data and metadata service; S2- Map making and mosaicking for multidimensional images service; S3 - Structure detection on large map images with machine learning techniques service. This document describes datasets employed from astrophysics surveys mainly covering the Galactic Plane. Data holdings come partly from the ViaLactea Knowledge Base (VLKB) hosted at the Italian center for Astronomical Archives (IA2, hosted at INAF - Astrophysical Observatory of Trieste) and partly from new

[EXPORT](#)

Dataset authors

- George Kakaletis
Member
- Eva Sciacca
Owner
- Marco Molinaro
Member

Data Stewardship Wizard

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

The screenshot displays the Data Stewardship Wizard interface. On the left is an orange sidebar with the 'DS Wizard' logo and navigation links: Knowledge Model Editor, Knowledge Models, Questionnaires, Documents, and Storage Costs Evaluator. At the bottom of the sidebar are links for Help, a user profile for Jan Slifka, and a Collapse sidebar button. The main content area is titled 'My Experiment' and shows the 'Current Phase' as 'Before Submitting the Proposal'. A list of chapters is on the left, with 'III. Creating and collecting data' selected and highlighted in orange. The main content area displays the title 'III. Creating and collecting data' followed by an introductory paragraph. Below this is a section titled '1 What data formats/types will you be using?' with a sub-section '1.a.1 Data format/type'. The sub-section contains a text input field with 'RDF/XML Syntax Specification', a link to 'FAIRsharing https://fairsharing.org/bsg-s001261', and a checkbox labeled 'Desirable: Before Submitting the Proposal'. Below this is another sub-section '1.a.2 Is this a standard data format used by others in this field?' with a checkbox labeled 'Desirable: Before Submitting the DMP' and a radio button selected for 'a. No'.

DS Wizard

- Knowledge Model Editor
- Knowledge Models
- Questionnaires
- Documents
- Storage Costs Evaluator

Help

Jan Slifka

« Collapse sidebar

My Experiment

Current Phase

Before Submitting the Proposal

Chapters

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

More

TODOs

Summary Report

III. Creating and collecting data

We will make sure that we know what data will be coming together in the project, when it will be coming. We also need to make sure that we have adequate storage space to deal with it, and that all the responsibilities have been taken care of.

1 What data formats/types will you be using?

Have you identified types of data that you will use that are used by others too? Some types of data (for example "images" or "tables") are used by many different projects. For such data, often common standards exist (in our example "JPG" and "CSV") that help to make these data reusable. Are you using such common data formats?

You should make sure also to list the formats used in any data sets that you are re-using.

☒ Desirable: Before Submitting the Proposal

☒ Data Stewardship for Open Science: [n/y](#)

1.a.1 Data format/type

RDF/XML Syntax Specification

[FAIRsharing https://fairsharing.org/bsg-s001261](https://fairsharing.org/bsg-s001261)

☒ Desirable: Before Submitting the Proposal

1.a.2 Is this a standard data format used by others in this field?

☒ Desirable: Before Submitting the DMP

☐ a. No

☐ b. Yes

DMP Tools – Comparison

DMPonline

- Well known.
- Simple interactive form.
- Helps and comments on forms questions from many organizations.

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

Argos

- Connection to OpenAIRE Research Graph.
- Publish to DMP in Zenodo.
- Export to RDA DMP Common Standard.
- Separates the description of datasets.
 - Datasets can be referenced in multiple DMPs.

<https://argos.openaire.eu/>

Data Stewardship Wizard

- Development in the Czech Republic (ELIXIR).
- Concept of Knowledge Models.
- Metrics measuring the fulfilment of FAIR attributes.
- Targeted for machining.

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

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

— Dwight D. Eisenhower

Examples of DMPs

- University of Vienna's Phaidra repository – several hundreds of publicly available Horizon 2020 DMPs:

<https://hdl.handle.net/11353/10.1140797>

- DMPonline:

https://dmponline.dcc.ac.uk/public_plans

- Argos:

- DMP: <https://argos.openaire.eu/explore-plans>

- Datasets: <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 a	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	769255 SAFEWAY		GIS-BASED INFRASTRUCTURE MANAGEMENT SYSTEM FOR OPTIMIZED RESPONSE TO EXTR	https://cordis.europa.eu/project/id/769255	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 plots 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 FA	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 Artic	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 Artic	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 or	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 HBMAEU		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 manag	740996 MARISA		Maritime Integrated Surveillance Awareness	https://cordis.europa.eu/project/id/740996	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 EUROPAP		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 i	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	2016-
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 i	838335 Net4Society5		National Contact Points (NCPs) Network of Societal Challenge 6 "Europe in a changing world – includ	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 photonics 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	DB 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 thi	736899 MagnaPharm		Magnetic Control of Polymorphism in Pharmaceutical Compounds	https://cordis.europa.eu/project/id/736899	2017-

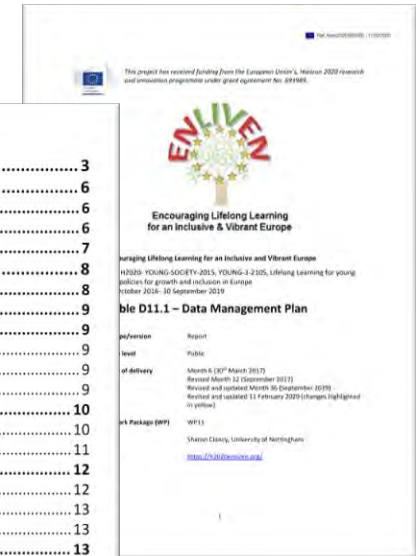
<https://hdl.handle.net/11353/10.1159821>

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

- <https://hdl.handle.net/11353/10.1139743>
- DMP from the area of Social Sciences.
 - Audio and video data, transcription of interviews.
 - Restricted access to the data.
- Use of existing data + collection of own data.
- Continuous updating of the DMP.
 - Changes are summarized in a table.
 - Migration of some of the data to the UK.
 - Data saved encrypted in MS O365 Teams.
- Ethic aspects are described in a standalone document referenced from the DMP.
- Joined project of multiple institutions → explicit definition of responsibilities.
- Nice description of data protection.
 - Information on anonymization procedures in the DMP appendix.
- Documentation and produced publications (including project website) are covered in the DMP.
- Description of the used hardware and software could be more detailed.
 - Nevertheless, the backup process and strategy are described.
- Described intellectual properties and QA process.

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Examples of DMPs

RECETOX MU

RECETOX MU – Examples

- Generic document describing RECETOX infrastructure as a whole.
 - LaTeX dokument developed in Overleaf.
- DMP for particular projects derived as subsets of the generic document.
 - Project-specific description references specific sections from the generic DMP.



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Source Rich Text
1 %\program=xelatex
2 %\encoding=UTF-8 Unicode
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RECETOX MU – generic

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RECETOX MU – CETOCOEN Excellence

**CETOCOEN
Excellence**

Horizon 2020

Project: 857560

D9.5 – Data management plan, ethics & legal framework
WP 9 – Project coordination & innovation management

WP Leader: MU
Date: June 2020
Nature: R
Dissemination level: Confidential

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D9.5 – Data management plan, ethics & legal framework	Security: CO
WP9 – Project coordination & innovation management	Version: 1
Authors: Zdenka Dudová, Michal Růžicka	Page: 2

Document Information

Grant Agreement Number	857560	Acronym	CETOCOEN Excellence
Full title	CETOCOEN Excellence		
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Delivery date	Contractual	30.6.2020	Actual	30.6.2020
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RECETOX MU – CETOCOEN Excellence

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RECETOX MU – ERA-Chair

R-Exposome Chair

Horizon 2020

Project: 857487

D7.10 – Data Management Plan
WP7 – Project coordination & innovation management

WP Leader: MU
Date: March 2020
Nature: R
Dissemination level: Confidential



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D7.10 – Data Management Plan	Security: OO
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Authors: Jan Ostrfizek, Shachar Dvir	Page: 2

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RECETOX MU – URBAN_X

Horizon 2020

URBAN_X

Project: 857340

D5.7 – Data management plan (DMP)
WP 5 – Communication and dissemination

WP Leader: MU
Date: March 2020
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Project Officer	Doru-Leonard IRIMIE - Doru-Leonard.IRIMIE@ec.europa.eu		

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Status	Draft/Final			
Nature	R			
Dissemination level	Confidential/Public			

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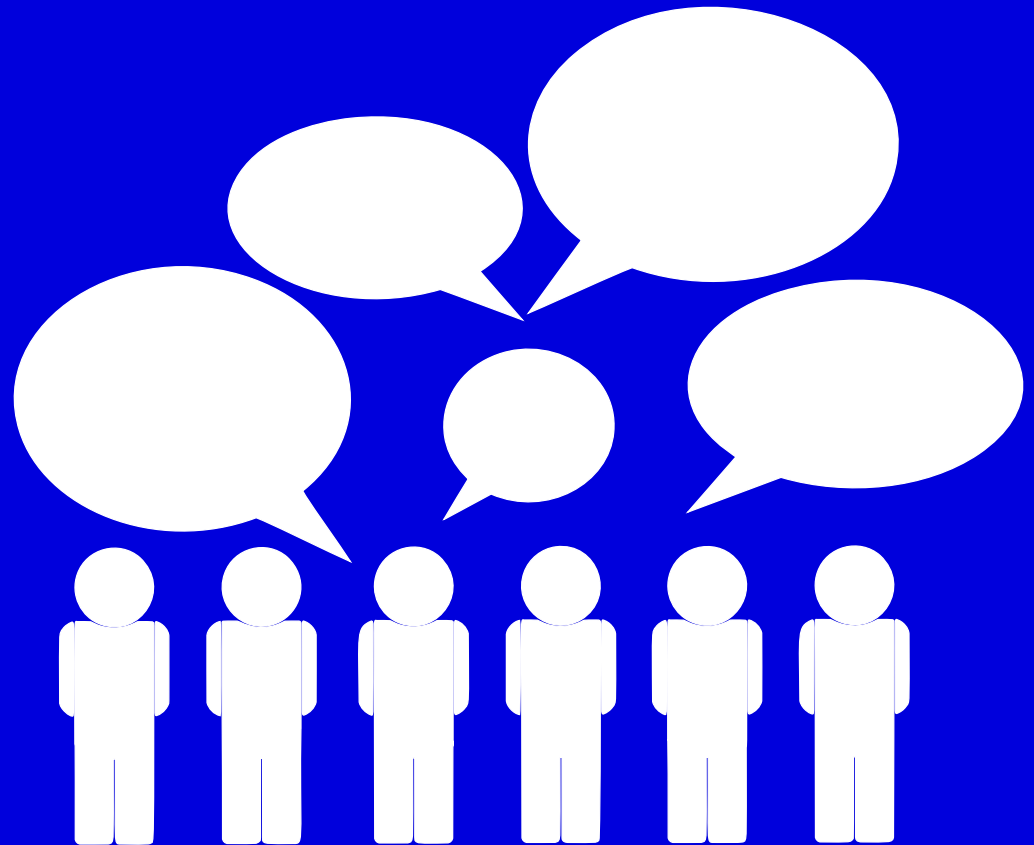
Demo

Data Stewardship Wizard

DSW Demo

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

Questions?



Source: [Communicate_communication_conference_2028004](#) by [OpenClipart-Vectors](#) from [Pixabay](#)

DATA
MANAGEMENT
PLAN

AMUNI

2021-10-27



EVROPSKÁ UNIE
Evropské strukturální a investiční fondy
Operační program Výzkum, vývoj a vzdělávání



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY