DATA MANAGEMENT PLAN

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2021-10-21

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

MINISTERSTVO ŠKOLSTVÍ, MLÁDEŽE A TĚLOVÝCHOVY

M U N I

Seminar for PhD students, Faculty of Science, MU

Data Management Plan

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2021-10-21

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Research Data Life-Cycle

Research Data Life-Cycle

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

- 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.

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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/

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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/

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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/

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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/

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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-pst-data-management-plan-41441697

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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.

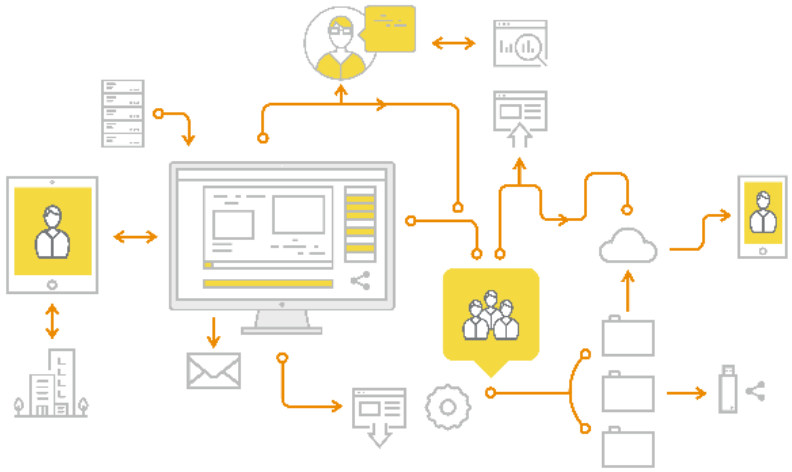
DMPonline

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

DMP ONLINE | Home | Public DMPs | Funder requirements | Help | Language

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

 • About | Contact us | Terms of use | Privacy statement | Partners | Accessibility statement | Github

DCC

DMPonline – Public DMPs

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
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

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

DMP ONLINE | 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.

Search

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

https://argos.openaire.eu/

OpenAIRE

SERVICES SUPPORT OPEN SC

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

2020-11-16)

Service coverage

Countries serviced by Argos

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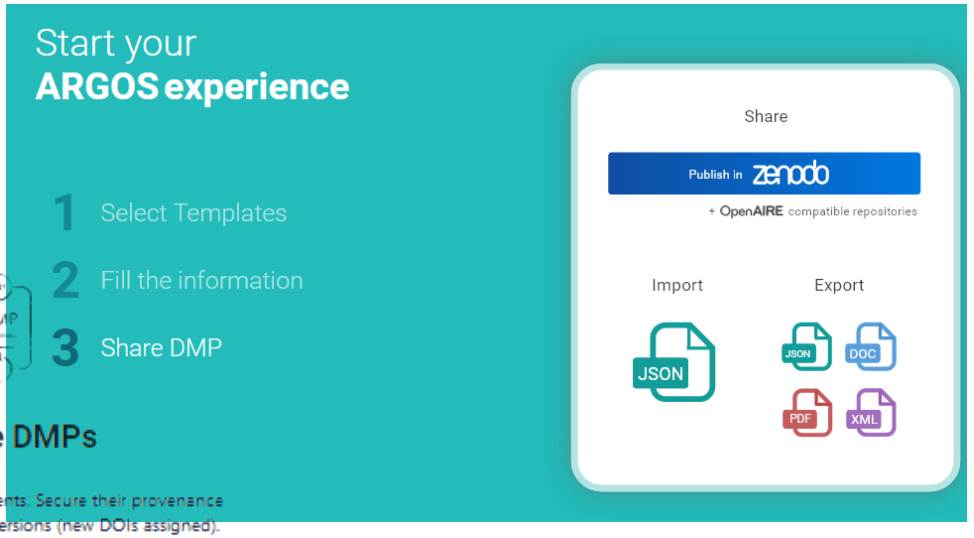
Argos – Features



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.

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.

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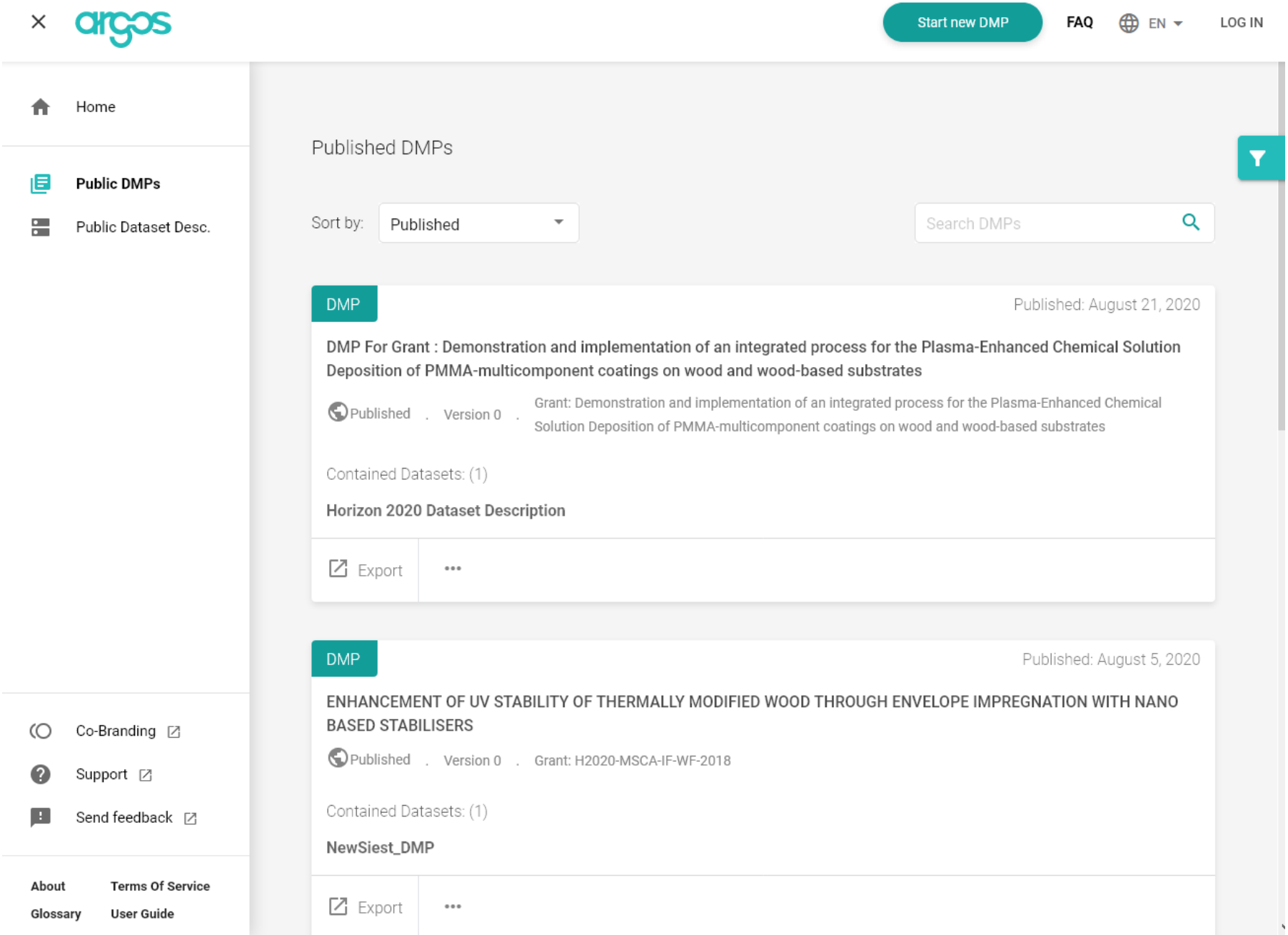
Argos – Public DMPs



Argos – Public DMPs

Datasets

Title: Horizon 2020 Dataset Description
Template: Horizon 2020
External References
Data Repositories
Zenodo, GitHub

External Datasets
Registries
Services

Dataset Description

1 Data Summary

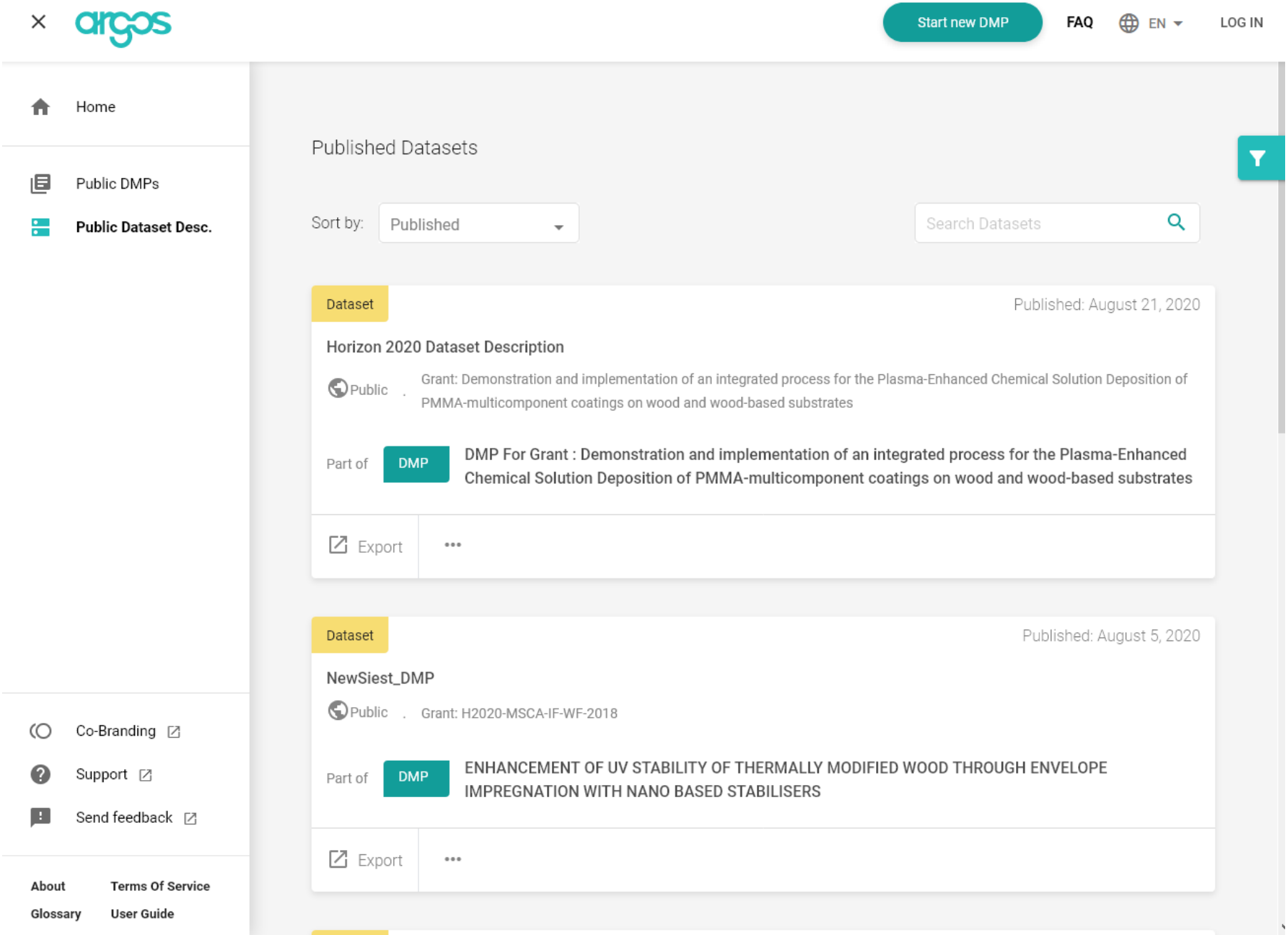
1.1 What is the purpose of the data collection/generation and its relation to the objectives of the project?

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 transparancy 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) optimizating 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, wheathering 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.

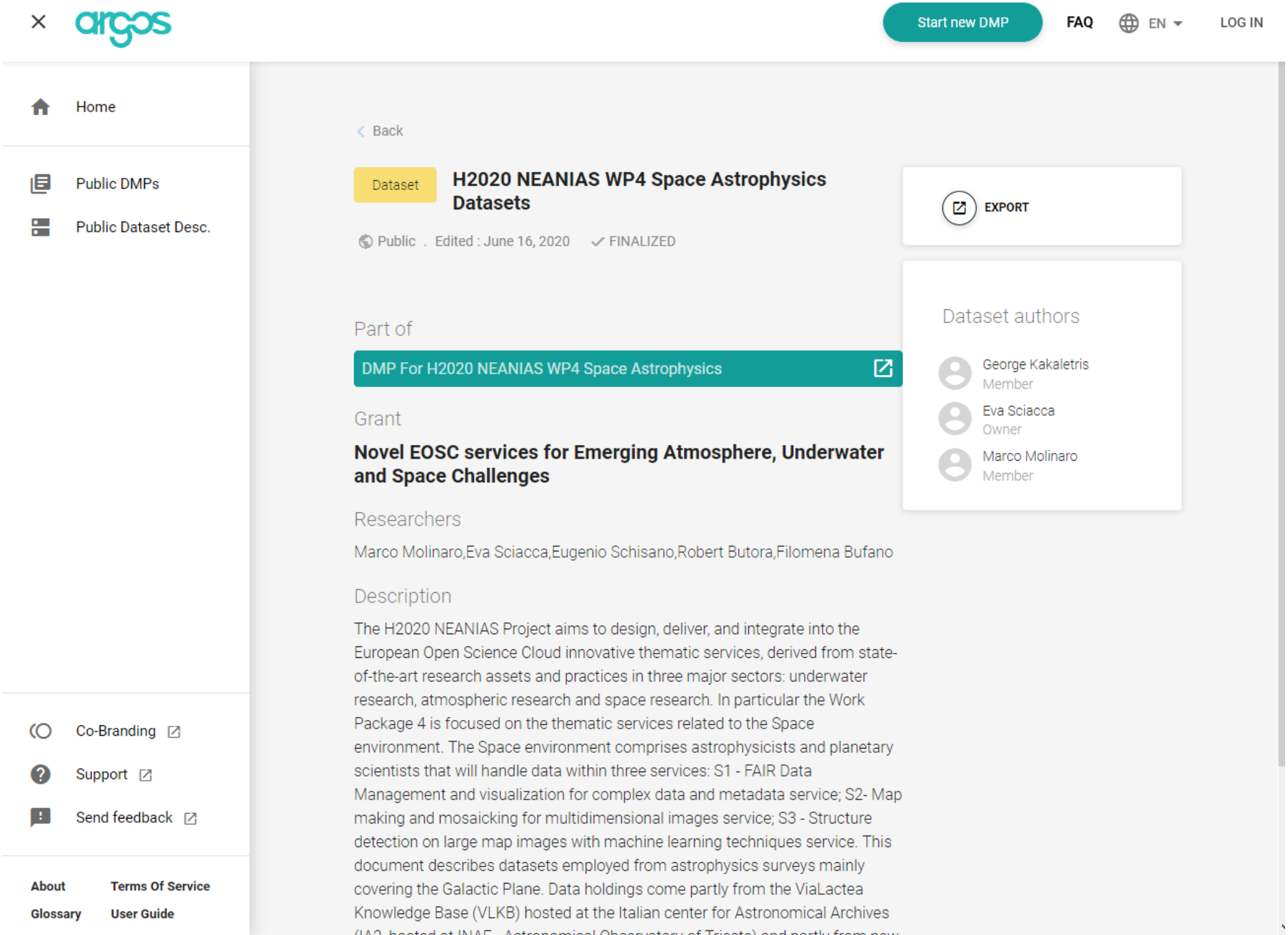
1.2 What types and formats of data will the project generate/collect?

(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

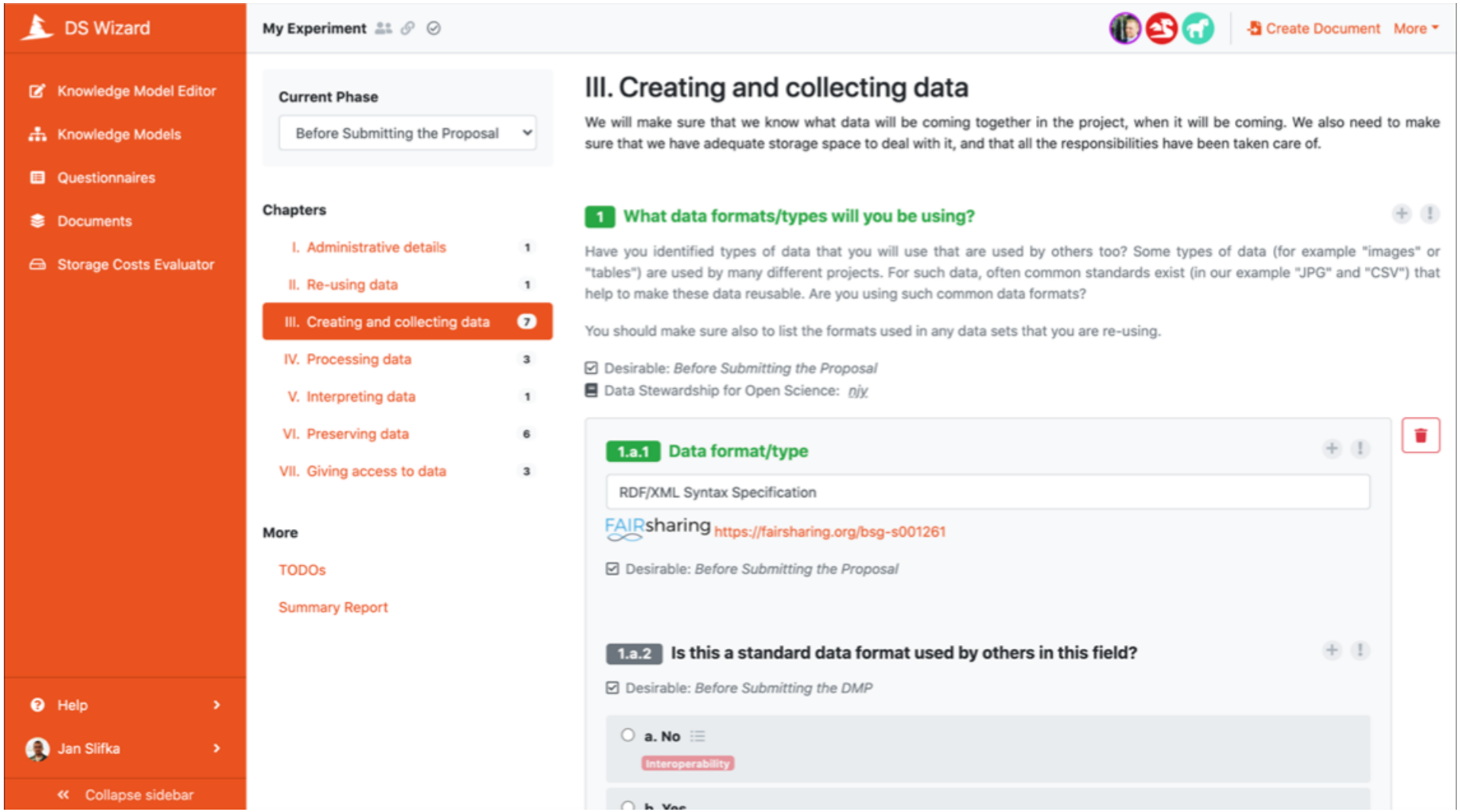


Argos – Public Datasets



Data Stewardship Wizard

https://ds-wizard.org/



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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/

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

— Dwight D. Eisenhower

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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
tps://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-
tps://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-
tps://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-
tps://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	769255	SAFEWAY	GIS-BASED INFRASTRUCTURE MANAGEMENT SYSTEM FOR OPTIMIZED RESPONSE TO EXTR	https://cordis.europa.eu/project/id/769255	2018-
tps://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-
tps://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-
tps://phaidra.univie.ac.at/o:1139136	Data management plan (DMP) based on data policies of t	A 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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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	740698	MARISA	Maritime Integrated Surveillance Awareness	https://cordis.europa.eu/project/id/740698	2017-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://phaidra.univie.ac.at/o:1139153	Admin: Data management plan	Data management plan (3)	722346	EUROPAH	The Extensive and Ubiquitous Role of Polycyclic Aromatic Hydrocarbons (PAHs) in Space	https://cordis.europa.eu/project/id/722346	2016-
tps://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	731289	InterFlex	Interactions between automated energy systems and Flexibilities brought by energy market players	https://cordis.europa.eu/project/id/731289	2017-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://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-
tps://phaidra.univie.ac.at/o:1139161	Data Management Plan	Development (and regular updating) of a Data Management Plan (DMP) outlining the project's policy t	838335	Net4Society5	National Contact Points (NCPs) Network of Societal Challenge 6 'Europe in a changing world – inclusi	https://cordis.europa.eu/project/id/838335	2019-
tps://phaidra.univie.ac.at/o:1139162	Data Management Plan (DMP)	Data Management Plan (DMP)	780839	MOLOKO	Multiplex phOtonic sensor for pLasmonic-based Online detection of contaminants in milK	https://cordis.europa.eu/project/id/780839	2018-
tps://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-
tps://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

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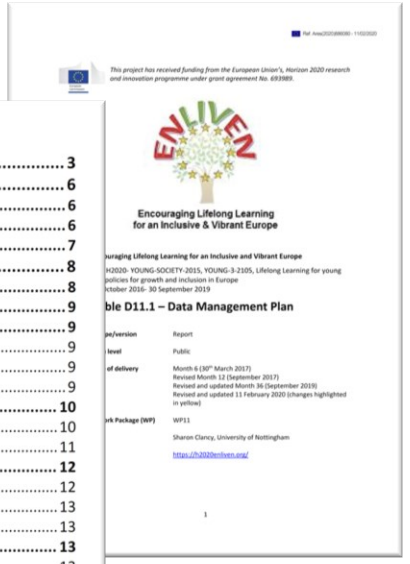
ENLIVEN ('Encouraging Lifelong Learning for an Inclusive and Vibrant Europe') Data Management Plan

- 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 develped 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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RECETOX MU – generic

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RECETOX MU – CETOCOEN Excellence

CETOCOEN Excellence

Horizon 2020

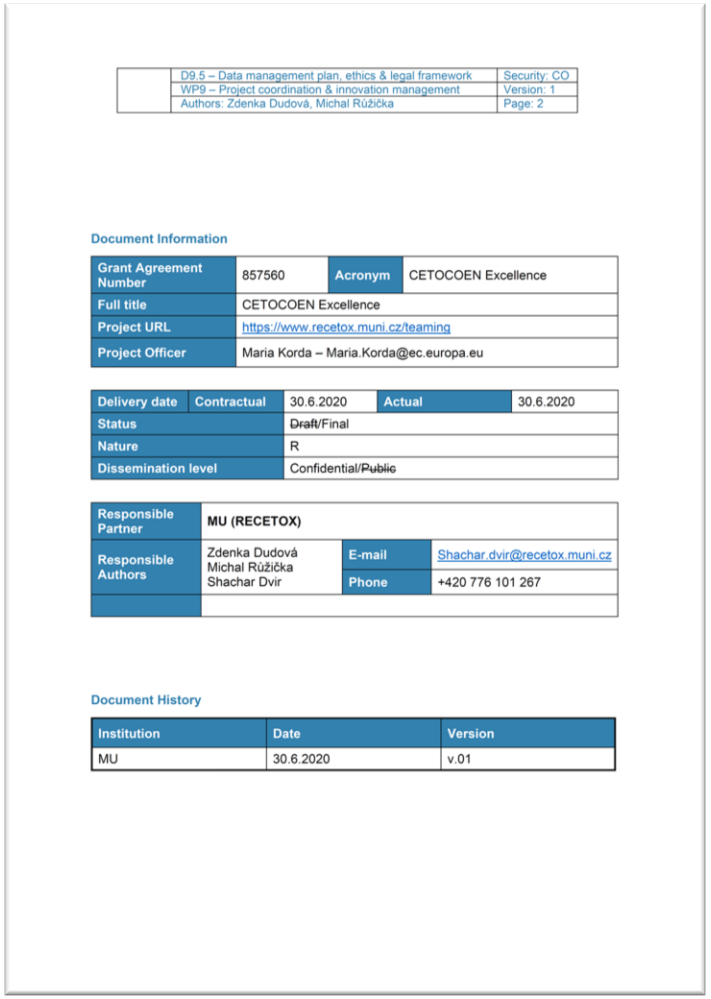
Project: 857560

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

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 857560



Document Information

Grant Agreement Number	857560	Acronym	CETOCOEN Excellence
Full title	CETOCOEN Excellence		
Project URL	https://www.recetox.muni.cz/teaming		
Project Officer	Maria Korda – Maria.Korda@ec.europa.eu		

Delivery date	Contractual	30.6.2020	Actual	30.6.2020
Status	Draft/Final		
Nature	R		
Dissemination level	Confidential/~~Public~~		

Responsible Partner	MU (RECETOX)		
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Document History

Institution	Date	Version
MU	30.6.2020	v.01

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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

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 857487

Document Information

Grant Agreement Number	857487	Acronym	R-Exposome Chair
Full title	R-Exposome Chair: Unlocking the potential of RECETOX in Exposome research		
Project URL	https://www.recetox.muni.cz/erachair		
Project Officer	Yiannis Vacondios		

Delivery date	Contractual	31.3.2020	Actual	31.3.2020
Status		~~Draft~~/Final		
Nature		R		
Dissemination level		Confidential/~~Public~~		

Responsible Partner	MU (RECETOX)		
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Other partners			

Document History

Institution	Date	Version
MU	31.3.2020	V0.1

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RECETOX MU – URBAN_X

Horizon 2020

URBANX

Project: 857340

D5.7 – Data management plan (DMP)

WP 5 – Communication and dissemination

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

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 857340

Document Information

Grant Agreement Number	857340	Acronym	URBAN_X
Full title	URBAN_X		
Project URL	https://www.recetox.muni.cz/urban-x		
Project Officer	Doru-Leonard IRIMIE - Doru-Leonard.IRIMIE@ec.europa.eu		

Delivery date	Contractual	29/02/2020	Actual	06/03/2020
Status		~~Draft~~/Final		
Nature		R		
Dissemination level		Confidential/~~Public~~		

Responsible Partner	MU			
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Other partners				

Document History

Institution	Date	Version
MU	06/03/2020	V0.1

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Demo

Data Stewardship Wizard

DSW Demo

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

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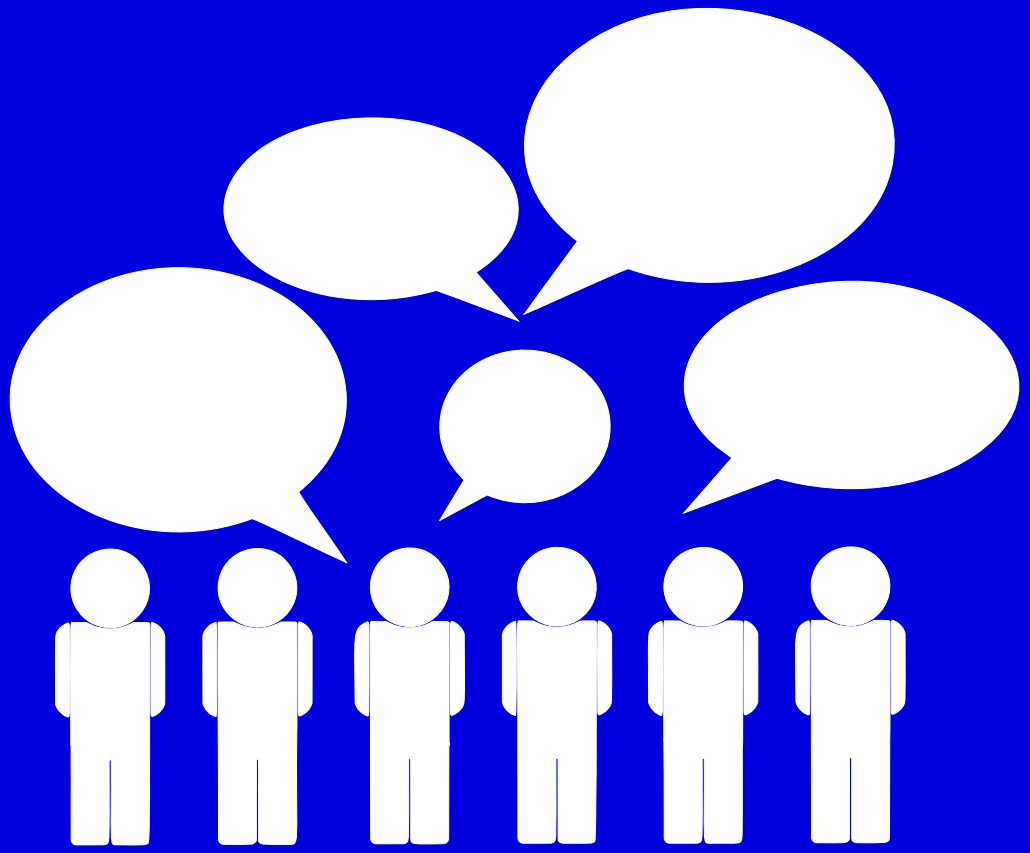
Questions?



Source: Communicate_communication_conference_2028004 by OpenClipart-Vectors from Pixabay

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DATA MANAGEMENT PLAN

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2021-10-21

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

MINISTERSTVO ŠKOLSTVÍ, MLÁDEŽE A TĚLOVÝCHOVY