

EU-CONEXUS ENABLES DATA MANAGEMENT PLAN

D1.2

Data Management Plan (A guide on data management for
the project)

2024

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Abbreviations

AUA – Geoponiko Panepistimion Athinon (Agricultural University of Athens)

DMP – Data Management Plan

DOI – Digital Object Identifier System

EOSC – European Open Science Cloud

EU-CONEXUS - European University for Smart Urban Coastal Sustainability

FAIR – Findable, Accessible, Interoperable, Reusable

FredU – Frederick University FU

GDPR – General Data Protection Regulation

KU – Klaipėdos Universitetas (*engl. Klaipėda University*)

KPI – Key Performance Indicator

LRUNIV - La Rochelle Université

ONU – Odeskiy Nacioalnyi Universitet I.I. Mechnikova

ORD – Open Research Data

PID – Persistent Identifiers

SETU – South East Technological University

SmUCS - Smart Urban Coastal Sustainability

T - Task

tbd – To be defined

UCV – Fundación Universidad Católica De Valencia San Vicente Martir - Universidad Católica De Valencia (*engl. Catholic Univeristy of Valencia*)

UNIZD – Sveučilište u Zadru (*engl. University of Zadar*)

UTCB – Universitatea Tehnica De Constructii Bucuresti (*engl. Technical University of Civil Engineering Bucharest*)

UROS – Universitaet Rostock (*engl. University of Rostock*)

WG – Working Group

WP – Work Package

Executive Summary

The purpose of this document is to describe structures and procedures for the management of data produced by the **EU-CONEXUS ENABLES – Promoting excellence through innovative eco-systems (EU-CONEXUS ENABLES)** project. This project is funded by the HORIZON WIDERA 2023 – Access-03, under grant agreement ID: 101017436 by the European Research Executive Agency.

The *Data Management Plan (DMP)* describes the life cycle of the data collected, processed, stored, and prepared for sharing as part of the EU-CONEXUS ENABLES activities. This document contains the identified datasets, elements for their description and their descriptions in terms of the activities carried out within the project. To ensure better and longer-term availability of the data, the principles of FAIR have been applied to the data. A FAIR ecosystem has been defined for this project, considering policies, DMPs, persistent identifiers, standards, and repositories. Procedures to protect the data are defined and described.

This document consists of three parts. The first part refers to the principles and guidelines for DMPs, and the second part refers to a detailed description of data. It lists the identification and changes of data sets by the project. The third part contains the main documents related to the guidelines.

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1. PRINCIPLES AND GUIDELINES

This section of the document briefly describes the project EU-CONEXUS ENABLES and lists the documents that were considered in the creation of the DMP. The data sources for the project are described, an overview of the datasets is identified, and the elements used to describe them in detail are provided. An overview of the activities that will be undertaken as part of the long-term data storage is provided, as well as their availability and potential for reuse.

1.1. Basic principles and procedures

EU-CONEXUS ENABLES is built upon the strong foundation of the Joint Research Area within the EU-CONEXUS Alliance as an excellent network for cooperation in research between the members with several points of gravity, such as the 4 Joint Research Institutes (Coastal Engineering Institute, Environmental Sciences and Biodiversity Institute, Life Sciences and Biotechnology Institute, Social, Culture and Human Sciences Institute) and the Doctoral School framework of EU-CONEXUS European University.

The project is devoted to promoting scientific and academic cooperation between the members of the alliance as well as an effective implementation of the main objectives of ERA policy agenda. Using the 4 major challenges (*transdisciplinary work; knowledge transfer; engagement students, researchers, and professionals; sustainable and smart urban development*) as a thematic background, the project is dedicated to achieving specific objectives that are aligned with almost all the ERA goals.

The scope of the EU-CONEXUS ENABLES project is to create the framework of an innovative ecosystem promoting sustainable synergies between the alliance and its partners such as the fellow municipalities and other stakeholders, to develop long term solutions for Smart Urban Coastal Sustainability challenges, based on the Digital Twin approach. The project is focused on raising excellence in value creation through deeper and geographically inclusive cooperation, and on the society-based topics and needs coming from the supporting ecosystems of stakeholders. The project will also offer training and capacity-building programs for researchers, promoting a culture of collaboration, innovation, and continuous improvement. Through hackathons, capacity building, and knowledge exchange activities, the project will engage experts, researchers, and stakeholders in the development and implementation of innovative Digital Twin solutions. Citizen engagement in participatory science activities will also be facilitated, encouraging evidence-based policies and interventions.

During the project implementation, EU-CONEXUS ENABLES will collaborate with other European University Alliances to share experiences and knowledge to enable a better functioning of European universities.

Within the project Grant Agreement¹ through **WP1 Management of Project, task T.1.3. Data Management Strategy, GDPR and Ethical Policies** is defined with *Data Management Plan* as the outcome.

The DMP is the basic document within the project which provides definitions and conditions of data production, prepares data for reuse, and contributes to Open Science. The DMP covers the complete data life cycle. It describes the types of data that will be generated, processed, or collected during the project, the standards that will be used, how the data will

¹ EU-CONEXUS ENABLES (2023), GRANT AGREEMENT – Project 101136822 – EU-CONEXUS ENABLES

be preserved and what parts of the datasets will be shared for verification or reuse.

The main principles for the EU-CONEXUS-ENABLES project DMP are the following:

- I. The DMP considers the obligations defined through the *Grant Agreement*, and especially those defined through part of *Annex 5*, which relate to the access to the scientific process based on open collaborative work, tools and knowledge diffusion, management of research data, dissemination of results, as well as the connection to the Open Science.
- II. This DMP has been prepared by considering “Practical Guide to the International Alignment of Research Data Management”² and the template of the “Guidelines on Data Management in Horizon 2020”³
- III. The compliance of data management to FAIR principles as well as the establishment of FAIR ecosystem is based on the document “Turning FAIR into Reality”⁴. and “D2.4 2nd Report on FAIR requirements for persistence and interoperability”⁵
- IV. The DMP consists of two documents. The first is related to principles and guidelines, and the second is related to a detailed description of data sets. These documents include methodological approach and overview of the datasets that will be created during EU-CONEXUS ENABLES as well as the specific conditions (e.g., open or closed access data, data embargo, data format, data size and etc.) associated with them. The DMP considers the complete data lifecycle⁶ including documenting metadata, archiving data as well as making them publicly available through repositories. The DMP will be updated during the project. The update will be made through WP5 and WP9. An update might be related to new datasets to be considered, changes in important EU-CONEXUS ENABLES projects or the University Alliance, significant policy changes related to the Data Management or FAIR principles.
- V. For data protection during the EU-CONEXUS ENABLES project, EU-CONEXUS Privacy Policy (<https://www.eu-conexus.eu/en/privacy-policy/>), legal regulations, standards, and recommendations will be applied to DMP.
- VI. Procedures that will be implemented for data collection, storage, access, sharing policies, protection, retention, and destruction will be in line with the EU standards and laws as described in the EU-CONEXUS ENABLES Grant Agreement and the Consortium Agreement of the Alliance.

² Science Europe, (2021), Practical Guide to the International Alignment of Research Data Management, DOI: [10.5281/zenodo.4915861](https://doi.org/10.5281/zenodo.4915861)

³http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf

⁴ European Commission (2018), *Turning FAIR into Reality – Final Report and Action Plan from the European Commission Expert Group on FAIR Data*, https://ec.europa.eu/info/sites/default/files/turning_fair_into_reality_0.pdf

⁵ (2020). D2.4 2nd Report on FAIR requirements for persistence and interoperability (v1.0 draft). Zenodo. <https://doi.org/10.5281/zenodo.4001631>

⁶ Data life cycle - consists of the following phases: launching research, developing a data management plan, collecting data, processing, and analyzing data, publishing data, sharing data, preserving data and reusing data. The data life cycle becomes complete only by documenting the data with metadata, archiving, and making the data repository publicly available - <https://esajournals.onlinelibrary.wiley.com/doi/full/10.1890/120375>

1.2. Data Summary

The EU-CONEXUS ENABLES project activities include the collection of various datasets. The data collected is intended for administrative, operational, and research purposes to achieve the research objectives and deliver the planned deliverables.

Administrative data are related to administrative functions and project management (e.g. plans, project reports, personnel data, communication, contracts, and licenses).

Operational data are necessary for monitoring and improving project activities (e.g. transaction logs, various analytics, records of quality control).

During the project, research data may also be created. Research data are generated based on the research process, through the application of scientific methods, supporting research questions, or being one of the outcomes of the research process. They include, for example: raw data from observations, experiments, and measurements; processed data from various analyses; metadata; codes and algorithms, documentation on data collection and analysis methods.

The data will belong to the following main groups:

- Data and research quality management
- Multidisciplinary administrative and research activities related to Digital Twin and Smart Urban Coastal Sustainability (SmUCS)
- Cooperation and mobility of researchers
- Communication and dissemination of research results
- Education and development of research careers (PhD, Post Doc)
- Citizen participation in research
- Research ethics and integrity.

As each WP and activity is still in its initial phase, it is not possible to fully define and describe all data for the datasets. For this reason, the DMP is defined in two documents. The first document lists all the identified datasets, and the second document contains all the descriptions of the datasets that will be updated during the project activities.

Basic areas for data collection and individual datasets have been identified, and a more detailed description will be made through planned iterations and published in new versions of the DMP.

By splitting the DMP into two documents this way, we had the opportunity to monitor more closely the activities (versioning, status) related to the description of the datasets.

When a new dataset appears in a particular WP or project, it will be included in the documents in future versions.

Data will be collected during the project by Alliance staff and external stakeholders. Data collection is based on legal obligation or consent of staff/external stakeholders to achieve the defined objectives of the project. After data collection, data will be structured via spreadsheets (e.g., Excel), stored in a data storage system (e.g. EU-CONEXUS Whaller). When storing data, care will be taken to ensure that the data is stored in a form that allows it to be structured and exported in an open format (e.g. csv, txt, xlsx).

Through the Grant Agreement, a minimum record keeping time of 5 years is defined. As the data is an integral part of the data-keeping record, the rule defined in the Grant Agreement, Article 20 – Record-keeping, will be applied.

At the start of the project activities, partners identified in more detail the datasets that they will collect or share during the project. Table 1 provides a summary of these datasets, including the associated work package and the name of the partner responsible for each dataset.

Table 1. Overview of EU-CONEXUS ENABLES datasets

Dataset Name	Short Description	Leader	Working Package
Project Management and administration	Project timeline and milestones, budget allocation and expenditures; Researcher's names, surnames, email, aliases, (affiliation, list of companies, list of stakeholders); Communication logs (meetings, emails, etc.)	UTCB	WP1, WP5, WP9
Multidisciplinary Work Group	Data on members, roles, and activities of the multidisciplinary work group, sub-workgroups, and task forces; Data on SmUCS challenges and digital twin solutions based on experts' input	FredU, UTCB	WP2
Research Topics for Research Mobilities and PhD Theses	Data on priority research topics for research mobilities and PhD theses in Cotutelles focused on SmUCS and DT	FredU, UTCB	WP2
Training Needs Analysis Questionnaire	This dataset contains data collected through surveys from researchers at partner institutions. Surveys will collect the experiences and attitudes of researchers regarding their training experiences and training needs. The anonymous survey will be distributed online to all partners and relevant researchers within each institution.	AUA, SETU	WP3
Communication material	It will include proofs of communication campaigns, such as visuals for social media, layouts of designs for journals, press releases, events' statistics, registration forms, photographs of events, and other communication materials.	KU	WP4
Hackathons	Data on hackathons, themes proposed by the multidisciplinary work group, participants, solutions developed.	FredU, UTCB, UCV	WP6
Joint PhD Cotutelle	Data on joint PhD cotutelle grants, topics selected within WP2, candidates, selected topics for research, research outcomes, and mobility programs	UTCB, AUA	WP7
Post-doc Mobilities	Data on post-doc mobilities, topics selected within WP2, candidates, research stays, collaboration activities, and research outcomes	UTCB, AUA	WP7
Micro-Seeding Grants	Data on micro-seeding grants, teams, widening and non-widening partners, proposed projects, grant amounts, and	UTCB, AUA	WP7

Dataset Name	Short Description	Leader	Working Package
	outcomes		
Open Journal Articles	This dataset represents a repository of scientific articles published in open access. It includes the full textual version of articles, metadata, and supplementary materials associated with published research. The data are collected through article submission and peer review systems, and they are stored on an open-access platform or a designated repository. The data are publicly available for reuse and distribution, following open-access standards and personal data protection regulations.	UNIZD, KU	WP4, WP8, WP11
Mentoring for Early Career Researchers	Data on mentoring activities for female PhD students, mentors, mentees, data on peer mentoring activities, groups, participants, and outcomes	AUA, UROS	WP10
Research Integrity and Gender Equality	Data on research integrity and gender equality initiatives, training, and outcomes	AUA, UROS	WP10
Training Programme for Researchers on EDI	Data on training programmes, participants, training materials, and outcomes focused on Equality, Diversity, and Inclusion	AUA, UROS	WP10

To collect the relevant data for each dataset, each of the partners will use a form with elements to describe the dataset. The form is shown in Table 2. A table will be created for each data set. Topics that will be covered in the table include:

- Description of the dataset (purpose and scope of the data).
- Version (version of the data set)
- Data source and method of data collection (e.g., primary - observation, survey, questionnaire; secondary - publications, previous research, database)
- Information on type, format, and scope
- Relation to the project objectives
- Activities and responsibilities of partners (e.g., collection, analysis, storage)
- Link to related WP and tasks
- Relevant standards, metadata, and documentation for the dataset
- Description of how the dataset will be used and elements to be shared
- Archiving and preservation of datasets

All datasets described by the data collected so far are included in this document in part Datasets.

Table 2. Form for collection data for each dataset

DATASET NAME	
Data Identification	
Dataset description	
Version	
Source	
Method of data collection	
Relation to project goals	
Data type	
Data format	
Approximate volume	
Partner's activities and responsibilities	
Partner in charge of data collection	
Partner in charge of data analysis	
Partner in charge of data storage	
Related WP(s) and task(s)	
Standards	
Info about metadata (production and storage dates, places) and documentation	
Standards	
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	
Data versioning	
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	
Data sharing, re-use, distribution, publication	
Embargo periods (if any)	
Personal data protection: are they personal data? If so, have you gained (written) consent from data subjects to collect this information?	
Archiving and preservation	
Data storage (including backup):	

No datasets that could be reused have been identified as part of the project's activities and tasks to date. If research activities are initiated under the project that could include data suitable for reuse (open data, open research data), the identified datasets will be evaluated for the purpose of their assessment and applicability, and a brief description of data suitable for reuse will be added to the DMP in this document.

Project data may be created or collected in a variety of types (e.g., numeric, textual, audio, or video) with different associated data formats (e.g., .txt, .csv, .docx, .pdf) and scope (size). For each of the identified datasets, the data type and format are described in Table 2 and an estimate of the potential data volume is provided. As project activities are still in their early stages, it is not possible to be more precise about the volume of any individual dataset. Initial estimates by the project indicate that it will be smaller data volumes, ranging from a few MB to half a GB. Now, the project does not plan to collect data belonging to the group of "Big Data".

For the identification, description, storing, and subsequent publication, the leader of the respective WP is responsible for the datasets in the internal (e.g. EU-CONEXUS Whaller) and external repositories (e.g. Zenodo).

The data obtained by the EU-CONEXUS ENABLES project can potentially be useful to a wider range of different stakeholders, including researchers and experts in the field of building university alliances, management and governance researchers, open science researchers and policy makers. The collected data may be relevant for certain areas of development of university alliances, establishment of collaborative and interdisciplinary research and connection of research infrastructures. As the project is thematically focused on Digital Twins and SmUCS, the collected data can help identify challenges in these areas and serve as input for policy making at the national and European level in these areas.

The data and publications will inform the public about the development and potential of the Higher Education Alliance.

1.3. FAIR data: from data collection to data reuse

The basic properties that data must meet to exist in a digital environment, to be found and reused by other researchers or machines are listed in the FAIR principles. FAIR principles are defined and described by Wilkinson et al. (2016)⁷. Further research in Open Science and the application of the FAIR data principles show in more detail the concepts (FAIR Digital Object, FAIR Ecosystem) that need to be considered and their implementation (define, implement, embed, and preserve). For the FAIR ecosystem, at least the following elements need to be defined: Policies, data management plan, persistent identifiers, standards, and repositories.

⁷ Wilkinson, M., Dumontier, M., Aalbersberg, I. *et al.* The FAIR Guiding Principles for scientific data management and stewardship. *Sci Data* **3**, 160018 (2016). <https://doi.org/10.1038/sdata.2016.18>

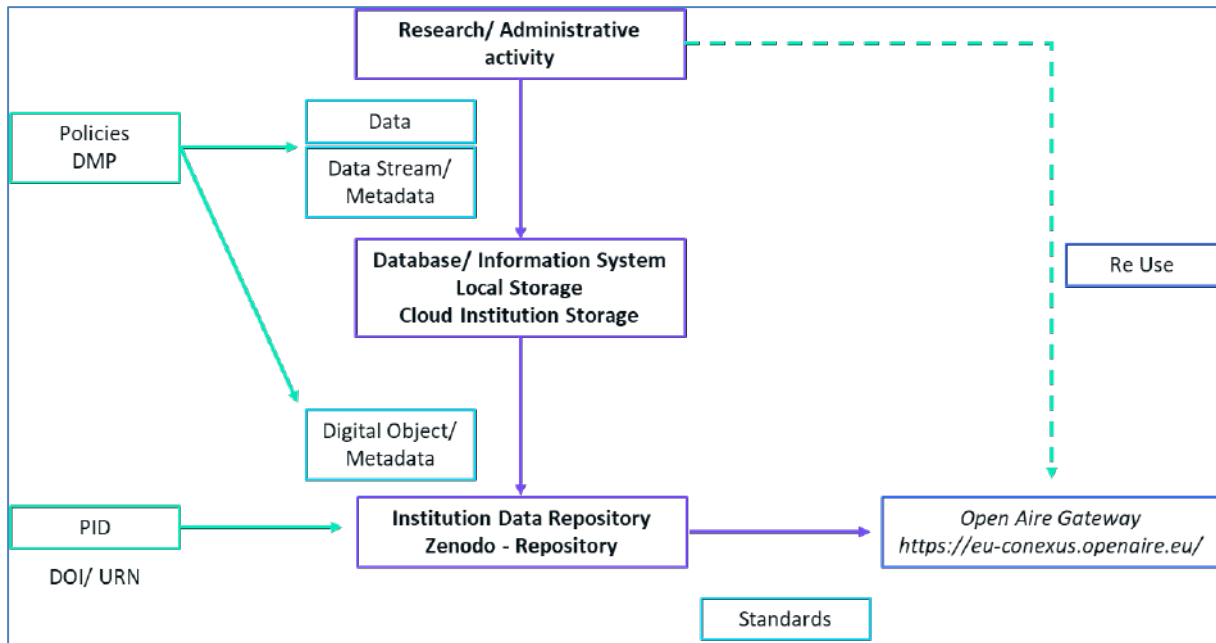


Figure 1. FAIR ecosystem conceptual model for the EU-CONEXUS ENABLES

The previous figure shows the conceptual model of the FAIR ecosystem for the project EU-CONEXUS ENABLES. Datasets or digital entities (e.g. publication, report,) created or collected during the administrative, operational or research activities are stored in the information system locally on research computers (e.g. hard disk) or institutional cloud storage.

The storage of datasets and digital entities is governed by policies and DMPs such as: GDPR and the anonymization process. Datasets and digital entities that are deemed important for sharing and reuse (or for which there is an obligation to publish) will be stored in data repositories that allow long-term storage and availability. Institution repository or Zenodo was selected for this phase of the project. Publication in institutional repositories (open access, open data) is only possible if it assigns a persistent identifier, adheres to FAIR principles, enables metrics, is connected to the Open Aire EU-CONEXUS Gateway, and the publication is approved by the project leader UTCB.

Zenodo is an open repository that allows the deposit of research or project articles, datasets, reports, and other digital research or project entities in digital form. Zenodo is set up and maintained by CERN. CERN is one of the pioneers in making publications and data available through the Open Access approach. It has many years of experience in managing Big Data infrastructures, managing digital repositories, and extensive operational experience in hosting and managing research data.

Zenodo is available online and has been created and supported by the European OpenAIRE program (Open Access Infrastructure for Research in Europe, No.:246686), OpenAIRE plus (2nd Generation of Open Access Infrastructure for Research in Europe, No:RI-283595), OpenAIRE2020 (Open Access Infrastructure for Research in Europe 2020, No: 643410), OpenAIRE-Connect (No: 731011), OpenAIRE-Advance (No: 777541). The continuity of financial support shows us that the European Commission, through Zenodo, wants to build a research infrastructure for Open Science and ensure the long-term availability of data.

The set-up of Zenodo and its maintenance is provided by CERN.

We can consider Zenodo as a platform that enables the publication of results throughout the research or project cycle, their long-term availability and sharing. It is compliant with the

principles of FAIR. The deposit of datasets and digital entities is free of charge for the user or organization. In addition to the sharing of digital entities, their citability is also possible, which enables the evaluation of research or project results at later stages.

Storing datasets and digital entities in Zenodo repositories ensures that the dataset or digital entity is given a persistent identifier (DOI), is further described by metadata (identification, searchability, accessibility), and can be accessed by other data repositories via standards (e.g. OAI-PMH). A wide range of users can access data repositories and, depending on the license, reuse data or digital entities in their research. No user account or authentication and authorization process is required to access the data.

For the purpose of public dissemination and availability of some datasets or digital entities (e.g. reports) of the EU-CONEXUS ENABLES project, EU-CONEXUS community⁸ will be created on Zenodo. The active EU-CONEXUS ENABLES community consists of WP leaders, and authorized personnel involved in project implementation from all partner universities of the EU-CONEXUS Alliance, encompassing all their activities and organisational entities of the EU-CONEXUS ENABLES project.

The EU-CONEXUS ENABLES community in Zenodo repository will be established by UNIZD through the EU-CONEXUS ENABLES project. Through the EU-CONEXUS ENABLES project, management of the community, users, and approval of publications (datasets or digital entities) will be done by UNIZD in coordination with UTCB. Potential post-project activities with the EU-CONEXUS ENABLES community will be agreed and coordinated with EU CONEXUS Alliance Coordination.

The generic process of publishing datasets and digital entities involves obtaining Zenodo community membership authorization and conducting repository work activities (identification and preparation, uploading, describing, and publishing). Authorized publishers at the project level are the WP leaders. The next phase consists of user registration in the Zenodo system, uploading a dataset or digital entity, defining the type of digital object (e.g., publication, poster, presentation, report, ...), basic data (e.g. assigning a DOI number or using an existing DOI, name, authors, date), licenses (e.g. open access, embargo period, restricted access, closed access), communities (EU-CONEXUS required), funding. The final step is the publication of the digital object. These steps are used to publish the datasets or digital entity to the Zenodo repository. Each change results in a new version of the digital objects. The public announcement shows the number of downloads and reviews of the document (basic metrics), the permanent identifier (DOI), the baseline data and all versions of the digital objects.

1.3.1. Making data findable, including provisions for metadata

Zenodo provides a variety of metadata for each digital object (record). We can divide them into mandatory and additional data. Mandatory metadata includes content related to the community, type of publication (e.g. datasets, publication, poster, ...), DOI, publication date, title, author (ORCID), description, version, language, keywords, annotations, access right and license. Additional metadata are abundant and are not detailed in this document.

When a dataset or digital entity (record or individual file) is published to the Zenodo repository, the persistent identifier DOI⁹ is associated with them. The persistent identifier is a required field.

⁸ Zenodo „community“ refers to a group of users or organizations that share common interests or purposes. Joining a "community" on Zenodo means becoming a member of that community, enabling participation in shared activities or projects. Activities available to members include publishing and accessing shared information objects such as datasets, reports, or research articles. Additionally, community membership may involve activities such as participating in discussions, exchanging resources, or collaborating on research.

⁹ DOI - <https://www.doi.org/>

Each dataset or digital entity is indexed and searchable via the Zenodo search engine. Searches are possible by term and by selecting individual metadata (e.g. access right, file type, keywords, record type). The publication of datasets or digital entity on Zenodo is covered by a set of metadata compliant with the DataCite metadata schema¹⁰.

1.3.2. Making data accessible

Zenodo is a project of CERN. According to current information, the lifetime of the repository is at least 20 years. This covers the longer-term availability of our records. The publication of the record at Zenodo is for scientific research projects and is free of charge. The use of the repository is defined by the terms of use v1.2¹¹.

Metadata for individual records or collections of records can be retrieved via the OAI-PMH¹² protocol using the record identifier and collection name. Metadata can also be retrieved via the REST API. Zenodo metadata is in the public domain and is licensed under a public domain license.

1.3.3. Making data interoperable

To achieve interoperability, activities within EU-CONEXUS ENABLES are harmonized with the guidelines of the EOSC Interoperability Framework. The EOSC Interoperability Framework defines the following levels of interoperability: technical, semantic, organizational, and legal.

In this phase of the project, interoperability is mainly focused on the technical (standardization of data formats) and semantic (metadata) levels. Zenodo functionalities will also be used for interoperability.

At the technical level, the focus is on the preparation of datasets in general purpose formats (e.g., CSV; JSON, XML) with the mandatory description and documentation of the dataset. The persistent DOI identifier is also used at this level.

The initial activities at the semantic level for the purpose of interoperability focus on the acquisition of expertise and skills in semantics, the clear definition of concepts (metadata, schemas) and disciplines from which the data originates, and the use of the existing thesaurus and vocabulary.

Some of Zenodo's existing functionality helps us achieve interoperability. Zenodo uses JSON Schema as an internal representation of metadata and provides export to other common formats such as Dublin Core or MARCXML. Individual terms (metadata elements) Zenodo references open, external vocabularies, e.g.: License (Open Definition), Funders (FundRef), and Grants (OpenAIRE).

1.3.4. Increase data re-use

The reuse of datasets primarily depends on the established community of researchers or experts. One of the first steps is to establish a community through Zenodo (EU-CONEXUS ENABLES community) and familiarize the community with the project and its outcomes, datasets, and other digital entities. If community members recognize the usefulness and quality of the data, we can expect their reuse in scientific or professional activities.

In the first phase, an internal procedure is used to describe the data that will be publicly available through the Zenodo repository.

The internal procedure refers to the record of how the data is collected, analysed, and versioned. For each dataset, a readme file is defined in which the following metadata is entered: title, author, organization, description of data and folders, keywords, methodology of

¹⁰ DataCite Metadata Schema - <https://schema.datacite.org/>

¹¹ Zenodo Terms of Use v1.2. - <https://about.zenodo.org/terms/>

¹² OAI – PMH - <http://www.openarchives.org/pmh/>

data creation and analysis, usage rights and licenses, time of data collection, research data formats, file naming conventions, organizational structure of folders.

File naming is based on the following convention: <EUCONEXUS ENABLES > <Method> <Place><Version / Date>. <extension>.

Data published through the Zenodo Open Access Repository and third-party use of data is allowed. Data is not open access if they are protected by intellectual property rights or other related rights. If the project collects research data related to the publication of articles or patents, access to these data will be restricted ("embargo period"). This period will be as short as possible until the work is accepted for publication, or the patent is not registered.

Each dataset (data/files) published on Zenodo will contain a defined metadata element referring to the license, as well as a description of the mandatory minimum conditions of DataCites.

1.4. Data security

During the implementation of the project EU-CONEXUS ENABLES, Alliance members will collect data in various forms, e.g. pen and paper, photos, videos, electronic documents. For the project documentation the data will be stored individually by each partner. The respective organizational rules and regulations of each partner regarding data storage and security will apply.

For cooperation between the alliance partners, the Whaller cooperation platform was established by the EU-CONEXUS alliance level coordinator. Data relevant to multiple partners is stored and preserved on this infrastructure. Authorized persons have access to data on EU-CONEXUS Whaller, safe storage and data protection measures are implemented.

Personal data is stored in compliance with the guidelines defined through GDPR alliance EU-CONEXUS and compliance with the Grant Agreement, Article 15 – Data Protection. Anonymization and pseudonymization procedures are used to protect personal data that is intended to be publicly accessible.

The storage of digital entities within the Zenodo platform ensures that they are stored in the CERN Data Center. Access to the data and infrastructure is intended for trained and authorized persons and various system and data protection procedures are applied.

1.5. Ethics

This section addresses ethical and legal issues such as consent for data retention and disclosure, protecting the identity of individuals and companies, and handling sensitive data to ensure that it is stored and transferred securely.

Data protection and good research ethics are important issues for all partners in this project. Good research ethics includes all measures aimed at avoiding a situation where sensitive information could be misused. This is exactly what the Alliance wants to guarantee for this project. Data containing personal information will only be disseminated for the purpose for which it was specified in the project work package activities. In addition, all data generation and sharing processes must be documented and approved to ensure the highest standards of data protection. Respondents/beneficiaries/recipients will be informed about data security, anonymity and use of data and will be asked for their consent.

The General Data Protection Regulation will be followed for all personal data collected. If the project involves access to personal data by partners, they are responsible for the handling of this data and must comply with the rules. In this context, a privacy policy EU-CONEXUS has been confirmed by the partners which sets out both how your personal data as a data subject will be processed and the rights you have as a data subject and how these will be protected¹⁵.

The data collected and produced in the framework of the project will be processed in accordance with ethical principles, to avoid falsification, plagiarism or other misconduct.

1.6. Data Management Responsibilities and Resources

At the project level, UNIZD is leading the Data Management working group (DMP) which is the entity responsible for data management. Each WP leader is responsible for data management within their respective WP and for delivering/uploading the necessary datasets or digital entities to the Zenodo community in order to fulfil contractual obligations (e.g., long-term storage, open data, open access). When initiating a WP, the WP leader is obliged to inform the DMP working group about the methods of data collection, storage, preservation, and potential dissemination of datasets or digital entities.

The financial resources for establishing data management at the project level are defined through WP1, WP5, WP8, and WP9.

To keep the project within the approved budget, the primary repository for publishing datasets and digital entities is Zenodo.

2. DATASETS

Previous project activities identified thirteen datasets, the list and description of which is provided below in this version of the DMP (Ver. 1.0). Only individual elements of the datasets are described in this version of the document. A more detailed description will be provided when the project tasks are implemented.

2.1. Project management and administration

Project Management and Administration	
Data Identification	
Dataset description	Management and administration data for EU-CONEXUS ENABLES project
Version	1.0
Source	Project Management Team
Method of data collection	Collection of the data: Manual input, meetings, email correspondence
Related to objectives	To ensure effective project management, communication, and compliance with project objectives
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	UTCB
Partner in charge of data analysis	UTCB
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP 1
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Project monitoring, reporting, researcher coordination, communication tracking
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)
Data sharing, re-use, distribution, publication	Limited to project partners, internal use only
Embargo periods (if any)	n/a
Personal data protection: are they	Researchers' personal data: names, surnames, email,

personal data? If so, have you gained (written) consent from data subjects to collect this information?	aliases; No other personal data collected
Archiving and preservation	
Data storage (including backup)	Secured servers ¹³ , retained for project duration + 5 years

2.2. Multidisciplinary Work Group

Multidisciplinary Work Group	
Data Identification	
Dataset description	Data on members, roles, and activities of the multidisciplinary work group, sub-workgroups, and task forces
Version	1.0
Source	Project Management Team, Partners
Method of data collection	Surveys, meetings, collaboration platforms
Related to objectives	Facilitate knowledge transfer and collaboration between non-widening and widening partners, stakeholders, and cities focusing on digital twin technology for coastal areas' challenges
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	UTCB
Partner in charge of data analysis	FredU
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP2, task 2.1 and task 2.2
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Activities related to WP2, collaboration, stakeholder engagement, establishing Challenge-Based needs with Digital Twin solutions
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)

¹³ The Secured server is located within the Data Center, with measures implemented to ensure the Confidentiality, Integrity, and Availability of data.

Data sharing, re-use, distribution, publication	Restricted access, within the Alliance and Commission Services
Embargo periods (if any)	n/a
Personal data protection: are they personal data?	No personal data collected
Archiving and preservation	
Data storage (including backup):	Secure servers, retained for project duration + 5 years

2.3. Research Topics for Research Mobilities and PhD Theses

Research Topics for Research Mobilities and PhD Theses	
Data Identification	
Dataset description	Data on priority research topics for research mobilities and PhD theses in Cotutelles focused on SmUCS and DT
Version	1.0
Source	Research partners, existing models/tools databases
Method of data collection	Review, evaluation, selection, expert consultations
Related to objectives	Identifying priority research topics
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	UTCB
Partner in charge of data analysis	FredU
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP2, task 2.3 and 2.4
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Activities related to WP2, research mobilities, PhD theses
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Public
Data sharing, re-use, distribution, publication	tbd
Embargo periods (if any)	n/a

Personal data protection: are they personal data?	No personal data collected
Archiving and preservation	
Data storage (including backup):	Secure servers, retained for project duration + 5 years

2.4. Training Needs Analysis Questionnaire

Training Needs Analysis Questionnaire	
Data Identification	
Dataset description	An Anon survey of researchers from widening partner institutions. The survey will aim to collect experiences and views of researchers about their training experiences and training needs. An anonymous survey will be distributed online to all widening partners leads via AUA to disseminate to relevant researchers within each Institution. The survey is designed to be anonymous, and no personal identifiers will be collected. The survey will not collect any personal identifiers and the IP locator will be turned off. The data will be aggregated for reporting purposes.
Version	3.0
Source	Anon Survey using Qualtrics Platform
Method of data collection	Collection of the data: Manual input, meetings, email correspondence
Related to objectives	Research Career Development support activities - upskilling and reinforcing academic expertise transfer towards widening countries.
Data type	Structured data, Online Anonymous Survey
Data format	The online survey tool will collect the data, and this will be stored in the cloud-based password protected software Of Qualtrics. The anonymised dataset will be downloaded and analysed using Qualtrics statistical package. All data will remain confined to SETU computer and stored on the one-drive of Enables Co-ordinator for SETU. Data will be retained for a period of 5 years. Processing of the data will be for the purpose of analysis and reporting of the responses in aggregate format. The dataset is anonymous and is of low risk as it does not include any personal or identifiable data.
Approximate volume	60 plus Researchers from R1-R2 level.
Partner's activities and responsibilities	
Partner in charge of data collection	AUA to administer Survey
Partner in charge of data analysis	SETU
Partner in charge of data storage	SETU
Related WP(s) and task(s)	WP3
Standards	
Info about metadata (production	The data will be collected electronically by e-mailing all

and storage dates, places) and documentation?	widening partner institutions researchers asking them to participate in the survey. The invitation will be sent to participants via a generic e-mail administered by AUA and researchers will be given the opportunity to opt in or out of the survey. All ENABLES branding will be used. A follow-up e-mail will be sent after a one-week period to increase responses. Quota will be reviewed to ensure the representativeness of the respondents. A further e-mail will be sent after a two-week period to target researchers.
Standards	The survey platform is fully compliant with EU security and privacy and has SOC-2 standards. All data remains in the EU. GDP And Fair Data Compliant.
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Data used for research collaboration and analysis. All respondents will be provided with a full description of the survey and will be given an opportunity to opt in or out. The description of the survey will include the aims and objectives of the survey and describe how the data will be used, and their rights to withdraw during participation. It will be explained that survey is anonymous. The WP leads have a legitimate interest in the processing of the data for the purpose of understanding the views and experiences of early career researchers in terms of their training needs and using the data as part of an evidence base. The data will be collected and processed by SETU and only reported in aggregate form. The data will not be transferred outside of the Enables alliance and no third-party processing will take place. All data is collected using an online tool and therefore no direct data entry is required. Incomplete surveys will not be processed, and these will be removed from the dataset. Sentiment analysis will identify any inappropriate content. Data will be downloaded directly to a Qualtrics file and auditing the findings will ensure that the data is accurate. Versioning supported through version control procedure
Data versioning	Version control system
Data access policy / Dissemination level: confidential or Public	Only members of the Alliance will have access.
Data sharing, re-use, distribution, publication	The data will be aggregated to produce a report on the experiences and views of Widening partner Institution researchers currently in the system. The results will be used to inform the development of Expanding Your Horizons Researcher Development Program and to identify areas for improvement in terms of training and career development supports for Early Career Researchers.
Embargo periods (if any)	n/a
Personal data protection: are they personal data?	No Personal Data to be obtained.
Archiving and preservation	
Data storage (including backup):	The data will be downloaded into the Qualtrics platform for analysis. This downloaded file will be password

	protected on the computer of SETU Enables Co-ordinator and held for as long as is deemed useful. A copy of the CSV file will be maintained on the one drive folder and held for a period of 5 years in case there is a challenge to the results or for comparative purposes. The dataset will be deleted from the survey platform within 3 months of completion of the survey.
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2.5. Communication material

Communication material	
Data Identification	
Dataset description	This dataset holds information about implemented communication campaigns: visuals, press releases, filled registration forms of events, photographs, video files. Registration forms typically have names, surnames, emails, institutions, gender information.
Version	1.0
Source	Project activity for WP 4 / 8 /11
Method of data collection	Personal data collected through event registration forms (when necessary for different type of the event)
Relation to project goals	Promoting research activities, trainings or open science practices
Data type	tbd
Data format	Excel sheets exported for registration lists; MS Word documents for press releases; Visuals in jpg., png.; Documents or invitations in .pdf format; Video files in .mp4
Approximate volume	Different for each case
Partner's activities and responsibilities	
Partner in charge of data collection	KU / UNIZD
Partner in charge of data analysis	KU / UNIZD
Partner in charge of data storage	KU / UNIZD
Related WP(s) and task(s)	WP4 / WP8 / WP11
Standards	
Info about metadata (production and storage dates, places) and documentation	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Data used for promotion of research and open science activities within the EU-CONEXUS Enables project
Data versioning	tbd
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Public
Data sharing, re-use, distribution, publication	Data shared openly on public websites, social media or through designated repositories and platforms
Embargo periods (if any)	

Personal data protection: are they personal data? If so, have you gained (written) consent from data subjects to collect this information?	Personal data managed in compliance with GDPR
Archiving and preservation	
Data storage (including backup):	Stored in KU / UNIZD / EU-CONEXUS secured servers, backups kept for + 5 years

2.6. Hackathons

Hackathons	
Data Identification	
Dataset description	Data on hackathons, themes proposed by the multidisciplinary work group, participants, solutions developed
Version	1.0
Source	Organizing committee, Participants
Method of data collection	Surveys or interviews with stakeholders from cities and universities, registration, event log
Related to objectives	Facilitate dialogue and collaboration between universities and city stakeholders in widening countries, focusing on expertise of non-widening partners
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	UTCB
Partner in charge of data analysis	UCV, FredU
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP 6, task 6.1, task 6.2
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Tasks activities, innovative solutions, problem-solving
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)
Data sharing, re-use, distribution,	Restricted access, within the Alliance and Commission Services

publication	
Embargo periods (if any)	n/a
Personal data protection: are they personal data?	Personal data managed in compliance with GDPR, written consent obtained from data subjects
Archiving and preservation	
Data storage (including backup):	Secured servers, retained for project duration + 5 years

2.7. Joint PhD Cotutelle

Joint PhD Cotutelle	
Data Identification	
Dataset description	Data on joint PhD cotutelle grants, topics selected within WP2, candidates, selected topics for research, research outcomes, and mobility programs
Version	1.0
Source	Project partners, Universities
Method of data collection	Applications, reviews, interviews, mobility program logs
Related to objectives	Joint PhD cotutelle grants
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	AUA
Partner in charge of data analysis	UTCB
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP 7, task 7.1
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Task 7.1 activities, joint research initiatives
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)
Data sharing, re-use, distribution, publication	Limited to project partners, internal use only
Embargo periods (if any)	n/a
Personal data protection: are they	No personal data collected

personal data?	
Archiving and preservation	
Data storage (including backup):	Secured servers, retained for project duration + 5 years

2.8. Post-doc Mobilities

Post-doc Mobilities	
Data Identification	
Dataset description	Data on post-doc mobilities, topics selected within WP2, candidates, research stays, collaboration activities, and research outcomes
Version	1.0
Source	Project partners, Universities
Method of data collection	Applications, reviews, interviews, mobility program logs
Related to objectives	Post-doc mobilities
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	AUA
Partner in charge of data analysis	UTCB
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP 7, task 7.1
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Task 7.2 activities, collaboration, exchange of ideas
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)
Data sharing, re-use, distribution, publication	Limited to project partners, internal use only
Embargo periods (if any)	n/a
Personal data protection: are they personal data?	No personal data collected
Archiving and preservation	
Data storage (including backup):	Secured servers, retained for project duration + 5 years

2.9. Micro-Seeding Grants

Micro-Seeding Grants	
Data Identification	
Dataset description	Data on micro-seeding grants, teams, widening and non-widening partners, proposed projects, grant amounts, and outcomes
Version	1.0
Source	Project partners, Universities
Method of data collection	Applications, reviews, grant proposals
Related to objectives	Micro-seeding grants
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	AUA
Partner in charge of data analysis	UTCB
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP 7, task 7.3
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Task 7.3 activities, initiation of cooperation, innovative projects
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)
Data sharing, re-use, distribution, publication	Limited to project partners, internal use only
Embargo periods (if any)	n/a
Personal data protection: are they personal data?	No personal data collected
Archiving and preservation	
Data storage (including backup):	Secured servers, retained for project duration + 5 years

2.10. Open Journal Articles

Open Journal Articles	
Data Identification	

Dataset description	The dataset comprises articles published in an open-access journal affiliated with the project.
Version	The dataset versioning will follow a sequential numbering system (e.g., v1.0, v1.1, v2.0)
Source	The source of the data is the open-access journal platform where the articles are published
Method of data collection	Articles are submitted by authors through the journal's submission system and undergo peer review before publication
Related to objectives	The dataset aligns with the project goals by providing a platform for sharing research findings and fostering collaboration and knowledge dissemination
Data type	Textual data (articles), metadata
Data format	PDF, HTML format, JSON, or XML format
Approximate volume	The volume varies depending on the number of articles published
Partner's activities and responsibilities	
Partner in charge of data collection	The journal's editorial team is responsible for collecting and curating the data.
Partner in charge of data analysis	tbd
Partner in charge of data storage	The journal's hosting platform or a designated repository will store the dataset
Related WP(s) and task(s)	WP 4, WP 8, WP 11
Standards	
Info about metadata (production and storage dates, places) and documentation?	The dataset will adhere to relevant standards for open-access publishing and metadata formats. Metadata includes production and storage dates, article DOI, authors' affiliations, keywords, and publication status
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	Data will be made publicly available for reuse and distribution under open-access principles. Analysis of the data may include bibliometric studies, topic modeling, or citation network analysis.
Data versioning	Each new version will be clearly labeled, with changes documented in version release notes
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	The data will be publicly accessible to anyone interested in accessing it.
Data sharing, re-use, distribution, publication	Data will be shared through the journal's website and may also be disseminated through relevant academic networks and repositories (eg. Open Aire).
Embargo periods (if any)	No embargo periods are anticipated; data will be immediately available upon publication
Personal data protection: are they personal data?	Personal data protection measures are in place in accordance with the journal's privacy policy. Authors provide consent for publication when submitting articles.

Archiving and preservation	
Data storage (including backup):	Secure servers, retained for project duration + 5 years in some cases long-term preservation.

2.11. Mentoring for Early Career Researchers

Mentoring for Early Career Researchers	
Data Identification	
Dataset description	Data on mentoring activities for female PhD students, mentors, mentees, data on peer mentoring activities, groups, participants, and outcomes
Version	1.0
Source	Project partners, Universities
Method of data collection	Surveys, interviews, program logs
Related to objectives	Mentoring for female PhD students, peer mentoring for early career researchers
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	UROS
Partner in charge of data analysis	AUA
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP 10, task 10.1 and 10.2
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	T10.1 and 10.2 activities, mentoring outcomes
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)
Data sharing, re-use, distribution, publication	Limited to project partners, internal use only
Embargo periods (if any)	n/a
Personal data protection: are they personal data?	No personal data collected

Archiving and preservation	
Data storage (including backup):	Secured servers, retained for project duration + 5 years

2.12. Research Integrity and Gender Equality

Research Integrity and Gender Equality	
Data Identification	
Dataset description	Data on research integrity and gender equality initiatives, training, and outcomes
Version	1.0
Source	Project partners, Universities
Method of data collection	Surveys, workshops, training sessions
Related to objectives	Monitoring and promoting
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	UROS
Partner in charge of data analysis	AUA
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP 10, task 10.3
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	T10.3 activities, training outcomes
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)
Data sharing, re-use, distribution, publication	Limited to project partners, internal use only
Embargo periods (if any)	n/a
Personal data protection: are they personal data?	No personal data collected
Archiving and preservation	
Data storage (including backup):	Secured servers, retained for project duration + 5 years

2.13. Training Program for Researchers on EDI

Training Program for Researchers on EDI	
Data Identification	
Dataset description	Data on training programs, participants, training materials, and outcomes focused on Equality, Diversity, and Inclusion
Version	1.0
Source	Project partners, Universities
Method of data collection	Surveys, training sessions, evaluations
Related to objectives	Training program on EDI
Data type	Structured data
Data format	Excel, Database
Approximate volume	tbd
Partner's activities and responsibilities	
Partner in charge of data collection	UROS
Partner in charge of data analysis	AUA
Partner in charge of data storage	tbd
Related WP(s) and task(s)	WP 10, task 10.4
Standards	
Info about metadata (production and storage dates, places) and documentation?	tbd
Standards	tbd
Data exploitation and sharing	
Data exploitation (purpose/use of the data analysis)	T10.4 activities, training outcomes
Data versioning	Version control system
Data access policy / Dissemination level: confidential (only for members of the Alliance and the Commission Services) or Public	Confidential (only for members of the Alliance and the Commission Services)
Data sharing, re-use, distribution, publication	Limited to project partners, internal use only
Embargo periods (if any)	n/a
Personal data protection: are they personal data?	No personal data collected
Archiving and preservation	
Data storage (including backup):	Secure servers, retained for project duration + 5 years

3. FUTURE UPDATES AND CONCLUSION

In the previous chapters, it was indicated that the DMP will be continuously improved through a minimum of three iterations. Continuous iterations for improving the DMP will be carried out through WP 5 (Task 5.3), WP 8 (Task 8.3), and WP 9 (Task 9.3). Improvements to the DMP will also be realized through the implementation of other WPs, after the identification and description of datasets. Compliance of the DMP may also be ensured if there are changes in the GDPR policy of EU-CONEXUS, as well as EU regulations and policies related to the DMP and Open Science.

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