



argos

Create. Manage. Share.
FAIR & ma-DMPs

Elli Papadopoulou
ARGOS Product Manager

argos

+ PROVIDE

+ CONNECT

+ MONITOR

+ EXPLORE

zenodo

open@ppc

amnesia

EPIsciences

OpenPlato

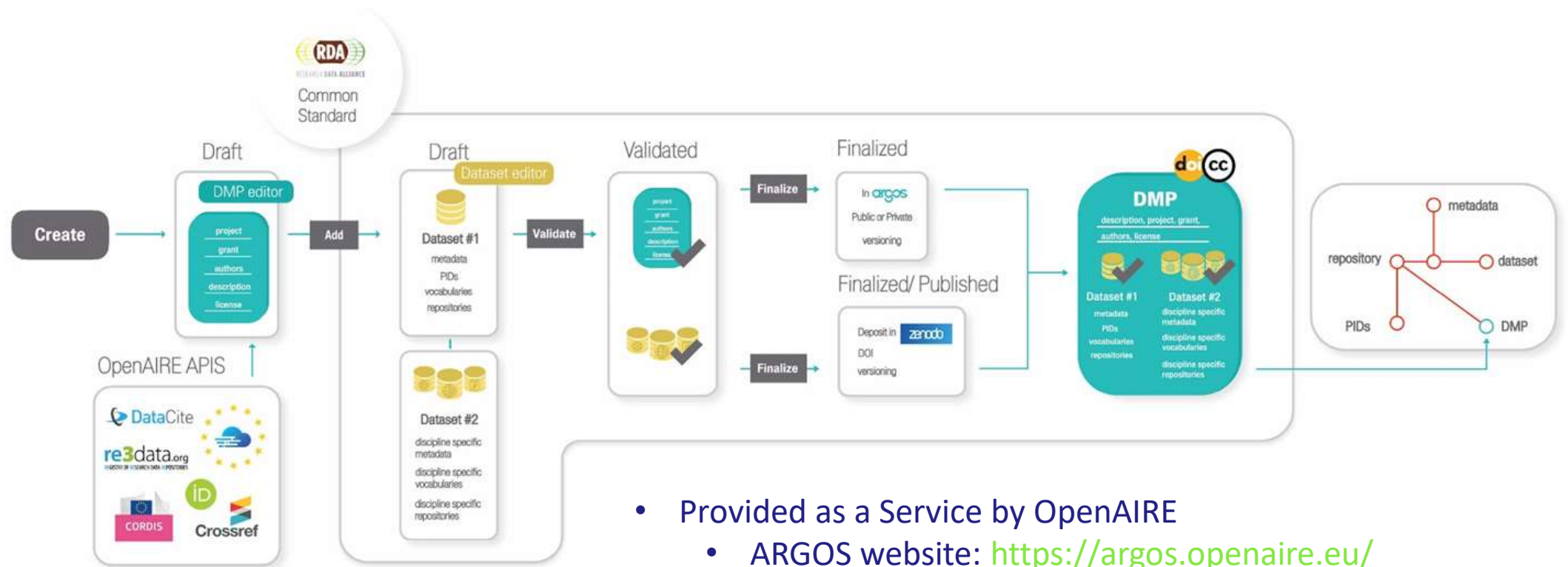


@openaire_eu



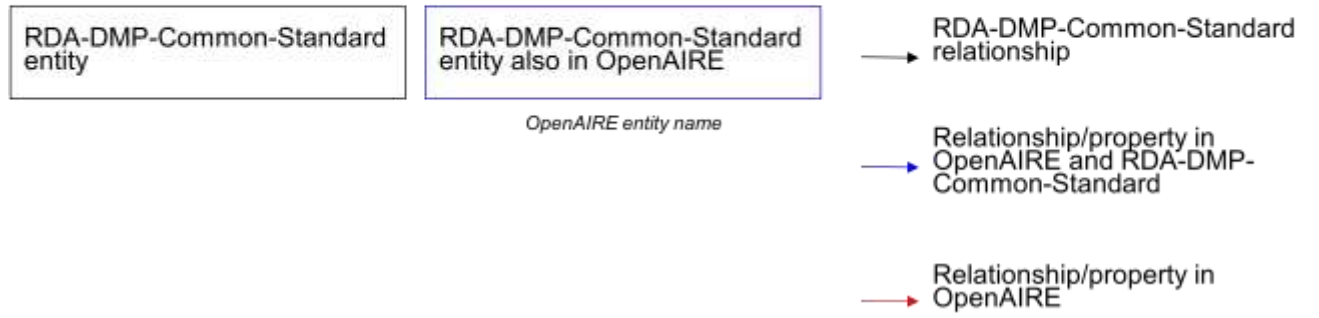
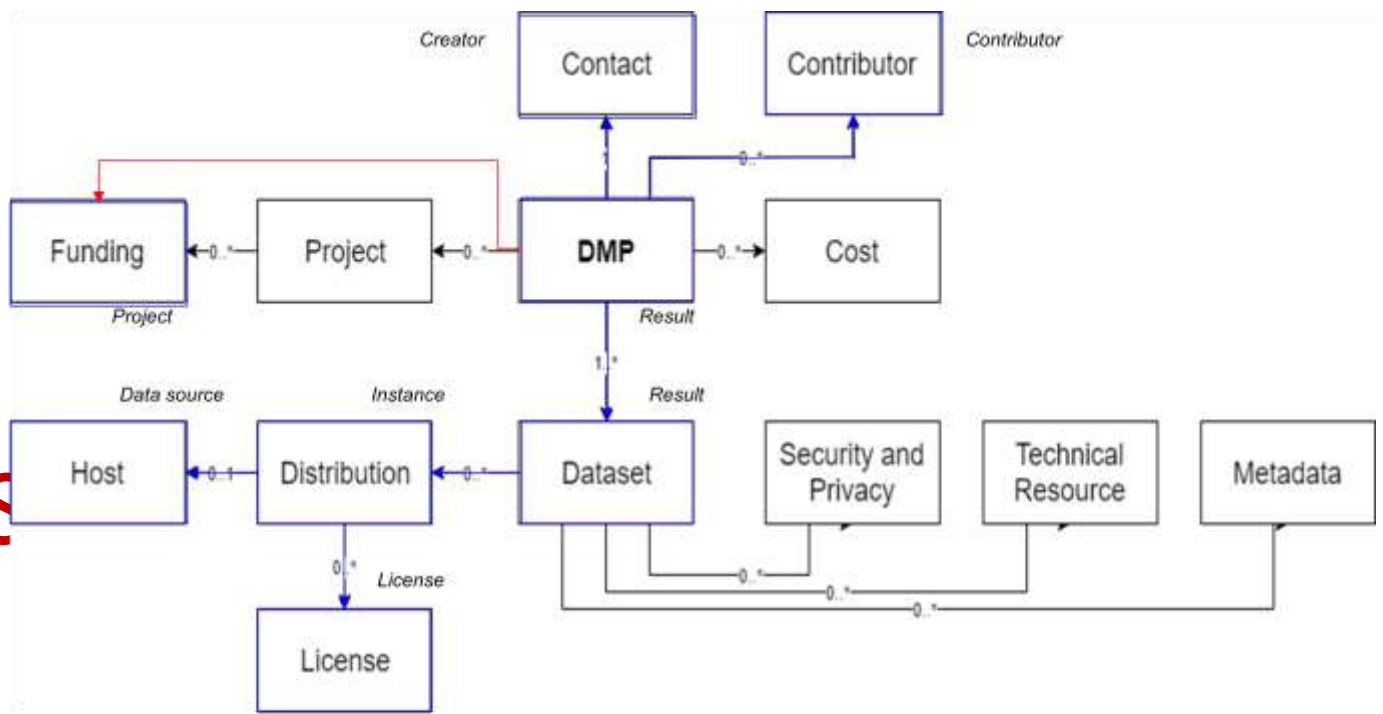
ARGOS – A GLIMPSE

ARGOS is an **open source, configurable and extensible tool** for **planning Research Data Management (RDM)** activities according to **Open Access & FAIR data policies**.



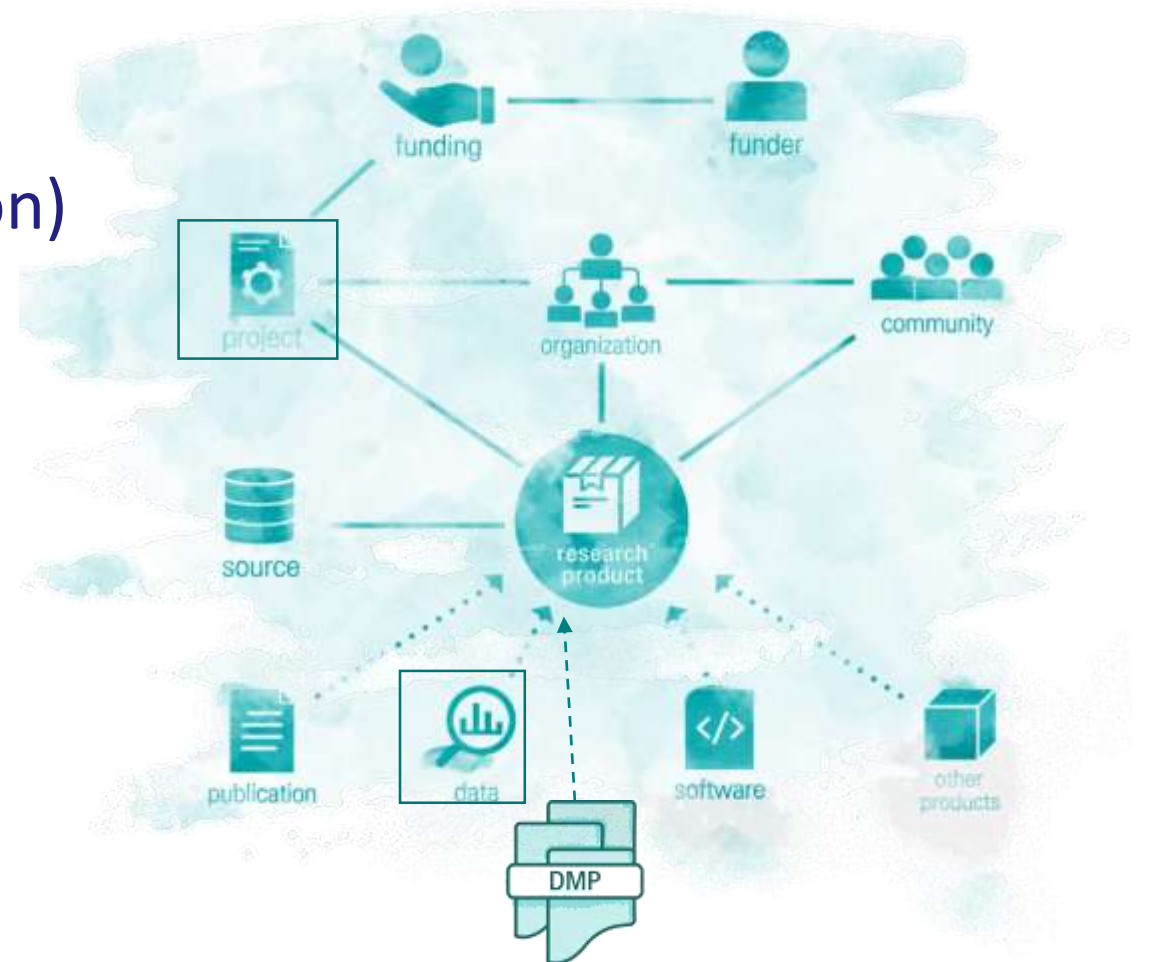
- Provided as a Service by OpenAIRE
 - ARGOS website: <https://argos.openaire.eu/>
 - ARGOS on EOSC catalogue: [EOSC Resource \(eosc-portal.eu\)](https://eosc-portal.eu/)

MADMPS AND KNOWLEDGE GRAPHS



DMPS CONTEXTUALIZATION AND EXPLOITATION

- Exports: rich documents (.xml, .json)
- Semantics: exploitable in the Research Graph



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

DISCOVERABILITY - EXPLORE

5



SEARCH

RESEARCH OUTCOMES (84) PROJECTS (2,812,592) CONTENT PROVIDERS (78,064) ORGANIZATIONS (147,114)

Filters

Data Management Plan

Access Mode (1)

Open Access (82)

Result Types (4)

Publications
 Research data
 Software
 Other research products

Year range

e.g. 1800 - e.g. 2030

THIS YEAR | LAST 5 YEARS | LAST 10 YEARS

Funder (1)

European Commission (23)

Type (4) Clear

Data Management Plan (84)
 Other literature type (62)
 Article (13)
 Preprint (2)

Language (3)

English (36)
 Portuguese (2)
 French (1)

Results per page:
10

Sort by:
Relevance

Download Results

84 RESEARCH OUTCOMES, PAGE 4 OF 9

< 2 3 4 5 6 >

Publication . Data Management Plan . Article . 2017

Data Management Plan: opening access to economic data to prevent tobacco related diseases in Africa

OPEN ACCESS ENGLISH

Authors: Woolfrey, Lynn;

Publisher: Pensoft Publishers

The purpose of this project is to demonstrate that tobacco-related data from selected Africa countries can be collected and distributed from an Open Data platform. The platform and data will improve the capacity for tobacco control research in key sub-Saharan African co...

Publication . Other Literature Type . Data Management Plan . 2019

The data management plan of Alien-CSI

OPEN ACCESS ENGLISH

Authors: Groom, Quentin John; Adriaens, Tim; Cardoso, Ana Cristina; Essl, Franz; Martinou, Kelly; Moen, Toril Loennechen; Jan Perg, Jan; Pocock, Michael; Reyserhove, Lien; Schade, Sven, ...

DOI: 10.5281/zenodo.3265765, 10.5281/zenodo.3265764

Publisher: Zenodo

This document describes the data management principles and policies of the Alien CSI COST Action. This action aims to increase public awareness and levels of participation on issues related to invasive alien species and citizen science.

Publication . Data Management Plan . Other Literature Type . 2020

WorldBank_WDI_Visulization - DMP

OPEN ACCESS ENGLISH

Authors: Lincoln, Craig N;

DOI: 10.5281/zenodo.3757220, 10.5281/zenodo.3757219, 10.5281/zenodo.3757520

Initial DMP

- Adoption of term “data-management-plan” by repositories
 - disambiguation of DMPs
 - DMPIDs (Datacite)
- Disambiguation of information contained in DMPs
 - E.g. [OpenOrgs](#) for Organizations



DISCOVERABILITY - VOCABULARIES

↑ -- data management plan --

URI	http://purl.org/coar/resource/type/28
Definition (en)	A formal document that describes the data management plan for a project or research activity.
Preferred label (en)	data management plan
Preferred label (es)	plan de gestión de datos
Preferred label (ca)	pla de gestió de dades
Preferred label (fr)	plan de gestion des données
Preferred label (de)	Datenmanagementplan
Preferred label (ja)	データ管理計画
Preferred label (nl)	data management plan
Preferred label (ru)	план управления данными
Preferred label (it)	piano di gestione dati
Preferred label (sl)	načrt ravnanja s podatki
Alternative label (ca)	pla d'administració de dades
Alternative label (ru)	план осуществления управления данными
Alternative label (ru)	план регулирования данных
Alternative label (sl)	načrt upravljanja s podatki
Exact match	https://dict.cocoon-project.org/terms/uri/urn:nbn:de:hbz:5:1-63864-p0011-9
Exact match	http://purl.org/coar/resource/type/28
Broader	project deliverable



- Book
- Book section
- Conference paper
- Data management plan**
- Journal article
- Patent
- Preprint
- Project deliverable
- Project milestone
- Proposal
- Report
- Software documentation
- Taxonomic treatment
- Technical note
- Thesis
- Working paper
- Other



Upload type

Publication type

Publication

Post

OpenAIRE Guidelines

Search docs

CURRENT GUIDELINES

- OpenAIRE Guidelines for Literature Repositories
- OpenAIRE Guidelines for Data Archives
- OpenAIRE Guidelines for CRIS Managers
- Draft OpenAIRE Guidelines for Software Repository Managers
- Draft OpenAIRE Guidelines for Other Research Products

HOW TO CONTRIBUTE

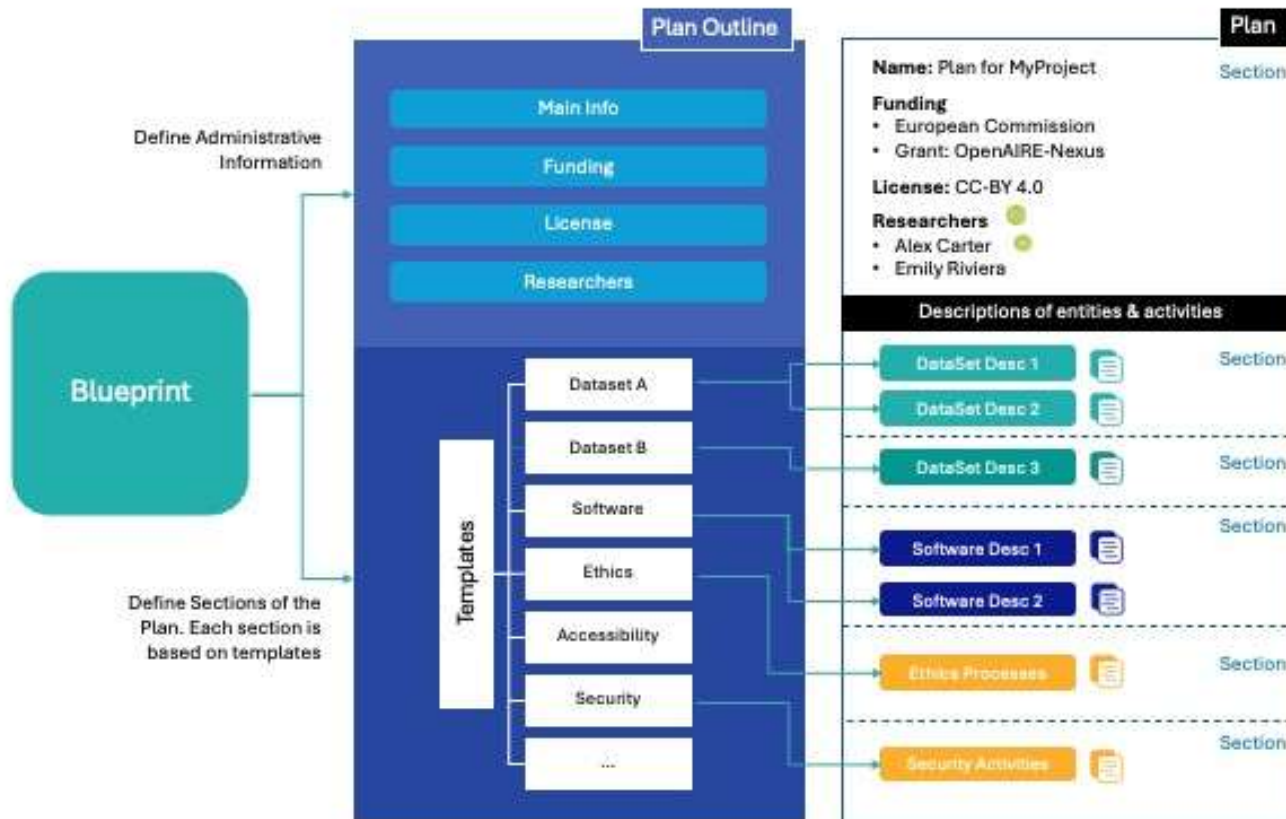
- Contributing

APPENDIX

- How the Horizon 2020 Open Access requirements are met

<https://guidelines.openaire.eu/en/latest/>

Towards outputs management plans!

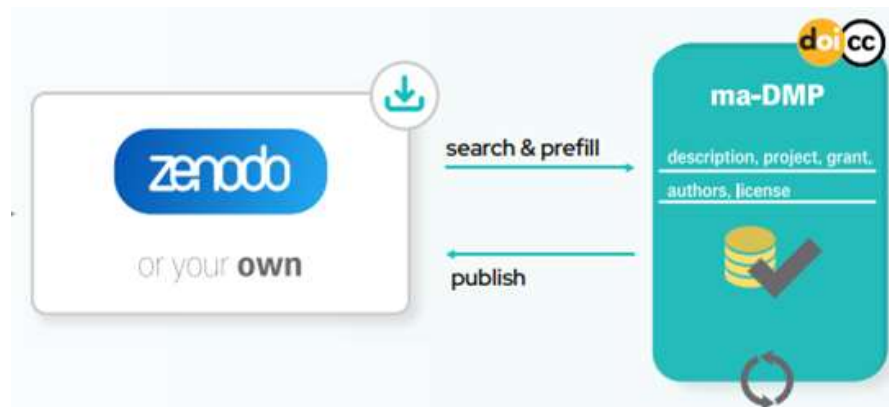


Create FAIR Plans

- **Findable**
 - DMP has PIDs in the metadata
 - Deposit your DMP to get a DOI
 - Provide your ORCID
 - Find your DMP on OpenAIRE EXPLORE
- **Accessible**
 - Make DMPs Public
 - DMP Metadata are available (not applicable to private & non deposited DMPs)
- **Interoperable**
 - All DMPs follow the RDA DMP Common Standard (json export)
 - Links with other outputs are provided, e.g. datasets
- **Reusable**
 - Assign a license to your DMP
 - Create new versions (history/provenance)



Automate your processes



- **Writing**
 - Pre-fill your DMP with content from trusted sources, e.g. Zenodo
- **Finding information**
 - Search our APIs and controlled vocabularies to select information supporting your answers
- **Publishing**
 - Deposit your DMP in Zenodo

Connect your RDM activity to your ARGOS DMP





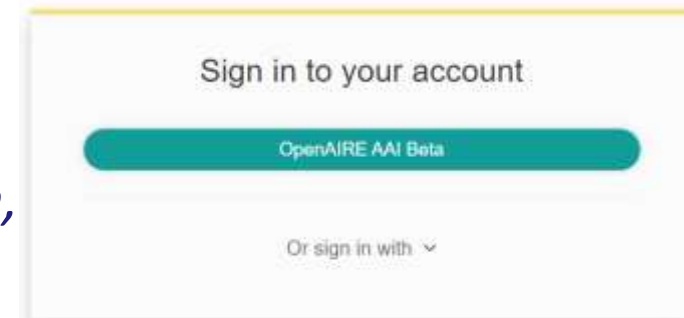
Key concepts to know as Admin

- A **Template** is effectively a guide that contains specific questions about different entities or activities within a Research Management Plan, e.g. for data, software, policies, or evaluation results. It also provides instructions on who should answer these questions and how to respond. The questions and rules in a template are shaped by its purpose. For example, some templates are designed to help meet FAIR data principles or to ensure compliance with the rules set by a supervising or funding organization.
- A **Blueprint** outlines the structure of a **(Research Management) Plan**. It organizes the plan into sections and specifies which **Templates** should be used to describe different areas. For example, a software section would use a software-oriented template, and the evaluation section would use an evaluation template. Each Plan is always linked to one specific **Blueprint**.
- A **Plan** is created following a **Blueprint**, which organizes the Plan into sections. Each section is described using **Templates**, and every **description** in the Plan is based on one specific Template. The Blueprint decides which Templates are used for different parts of the Plan.

How to use ARGOS

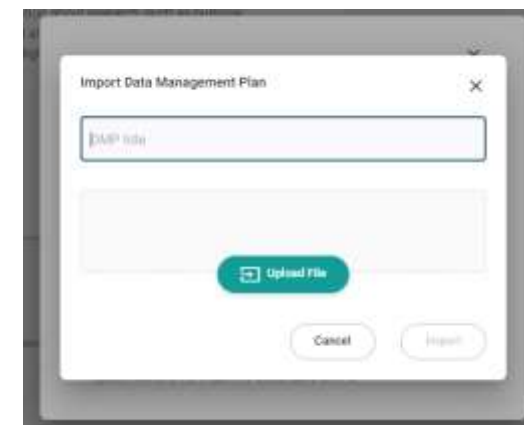
Log in to Argos from the OpenAIRE AAI providers that are available.

- *In case you decide to create an ORCID account during the ARGOS Login, you should confirm the email sent to your inbox in order to continue.*



From “Start new DMP”, choose the option that works best for you:

- “Import from file” - upload the DMP in .json format and write the title that you want to name the DMP.
- “Start wizard” - follow the steps to create your DMP.

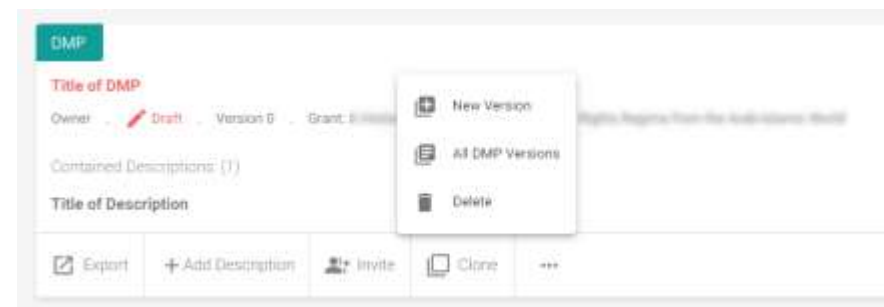


ARGOS Features

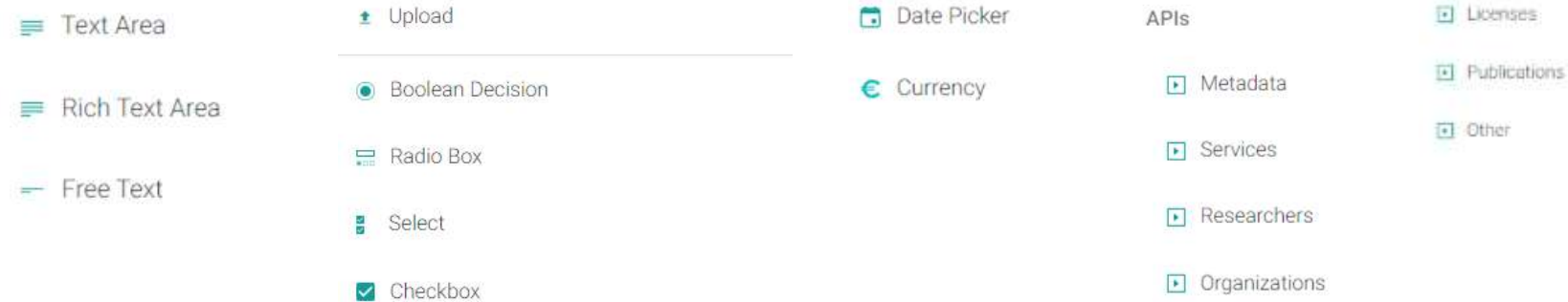
The main features of Argos are:

- **Edit:** Navigate to the editor
- **Finalize**
- **New version:** Create a new version of the content
- **Clone:** Copy of the DMP with all or some of the descriptions
- **Export:** The DMP in pdf, document, .xml and rda json
- **Undo finalization:** Using this button the DMP is editable again
- **Delete:** Delete of the DMP but only if it has not content
- **Deposit**
- **Invite:** Invitation of a colleague that has already an Argos account to see the DMP (invitation as member) or to help editing it (invitation as owner)
- **Review:** comment or leave notes to answered questions

All features are in DMP and Description dashboards.



ARGOS Template inputs

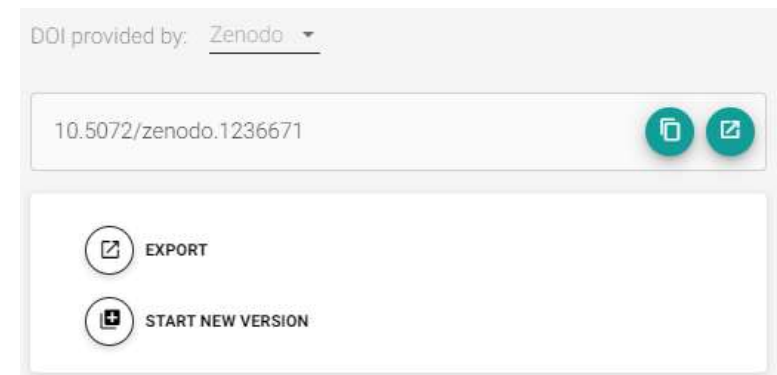
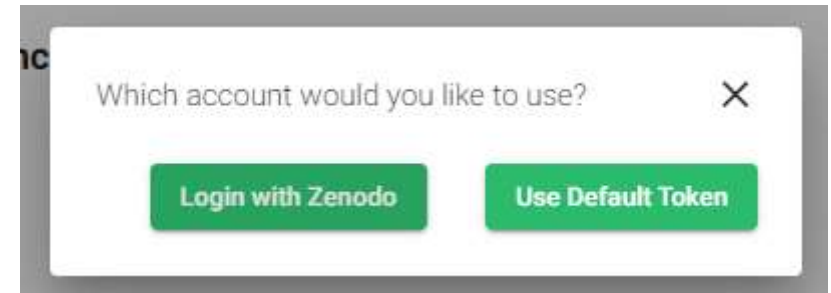


There are many types to add depending on the questions.

- **Text Area, Rich Text area** and **Free Text** are chosen for questions that need texts depending on the size of the answer.
- **Upload** in case it is needed to upload a file
- **Boolean Decision** is about the Yes/No answers
- **Radio Box** is about multiple choice
- **Select** is a drop-down list where more than one answers can be chosen
- **Checkbox** for positive or negative choices
- **Date Picker** in case it is needed to choose a date from the calendar
- **Currency** to choose from a list a currency from different countries
- **APIs** depending on the question choose category from the list of external resources ex. Researchers, Metadata etc.

Publish with a click!

After the finalization the DMP can be deposited to Zenodo with credentials of the user (Login with Zenodo) or ARGOS account (Use Default Token) and get a DOI.

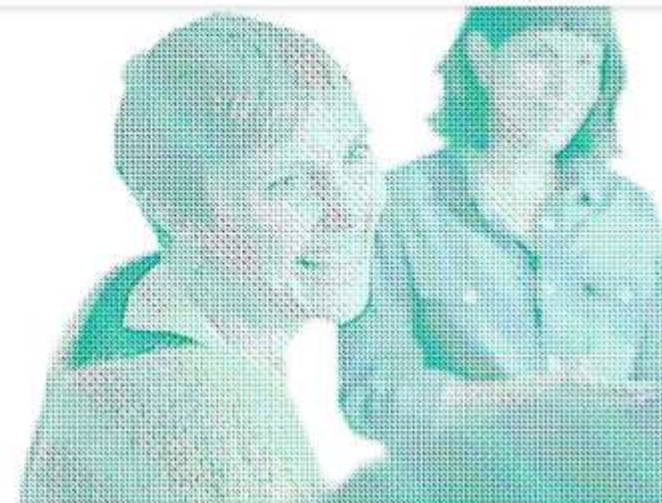


Get involved!

Argos

Community Calls

Are you a researcher or administrator of Argos? Got questions on how to write your Data Management Plan (DMP) or how to create your Template and connect DMPs with other data services and outputs? Join us and learn more!



OpenAIRE is running a series of **community calls for Argos** to support all researchers in meeting their **Horizon Europe requirements** by creating **FAIR (Findable, Accessible, Interoperable, Reusable) DMPs**. Similarly, it supports **all research performing and funding organisations** to orchestrate their data services around Argos and **connect data workflows** contributing to **interconnected Research Data Management ecosystems**.

These calls offer the opportunity to discover Argos novelties and learn how to benefit from them in your practice, share feedback and discuss the future of DMPs as FAIR and machine actionable outputs, i.e. as complete outputs that bring validated information, qualified references and automations to the table to assist the processes of collecting, documenting and publishing your data.

The **Argos Community Calls** will run **every last Wednesday of the month at 14.00 CEST**, starting from June 29th!

<https://www.openaire.eu/argos-community-calls>

THANKS

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