

NEXUS

argos

# DMPs, FAIR principles & the European Landscape

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# DATA MANAGEMENT PLANS - TODAY

## Policy

- Public DMPs
- Rich content
- Support

## Technical

- Search & retrieve
- Interoperability
- Semantics

## Adoption

- FAIR practices
- Disciplines / Communities
- Data sharing

### • Not Open Access

### • Granularity of content

- Unclear about the process, e.g. where to start, how to get input

### • Resource\_type

### • Reused datasets

- Qualified references

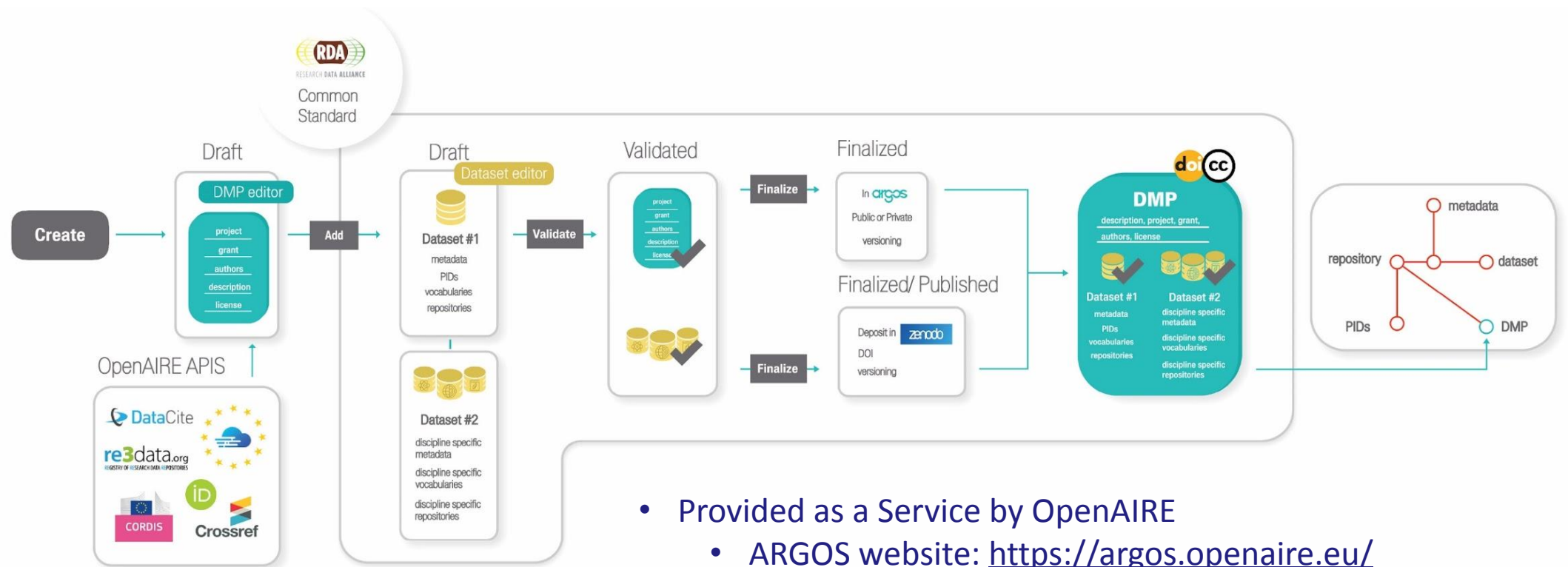
### • Reproducibility

### • Domain Data Protocols

- Input & Output Data

# 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**.



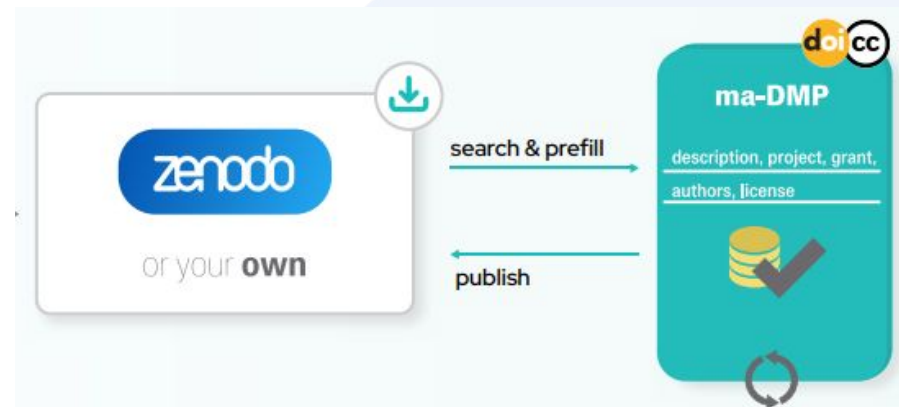
- Provided as a Service by OpenAIRE
  - ARGOS website: <https://argos.openaire.eu/>
  - ARGOS on EOSC catalogue: [EOSC Resource \(eosc-portal.eu\)](https://eosc-portal.eu/)

# ARGOS – OUTPUTS & PROCESSES

- **Findable:** OpenAIRE EXPLORE
- **Accessible:** PIDs (ORCIDs & DOIs)
- **Interoperable:** RDA DMP Common Standard
- **Reusable:** Licenses
- **Versioned** (history/provenance)
- **Published and preserved** in Zenodo

- **Automated**

- **Writing:** inferred content and **allocation** in Templates as answers
- **Searching:** Published Dataset / Software metadata
- **Publication:** DMP metadata and files in Zenodo





# ARGOS – IN PROGRESS



## • Collaborations

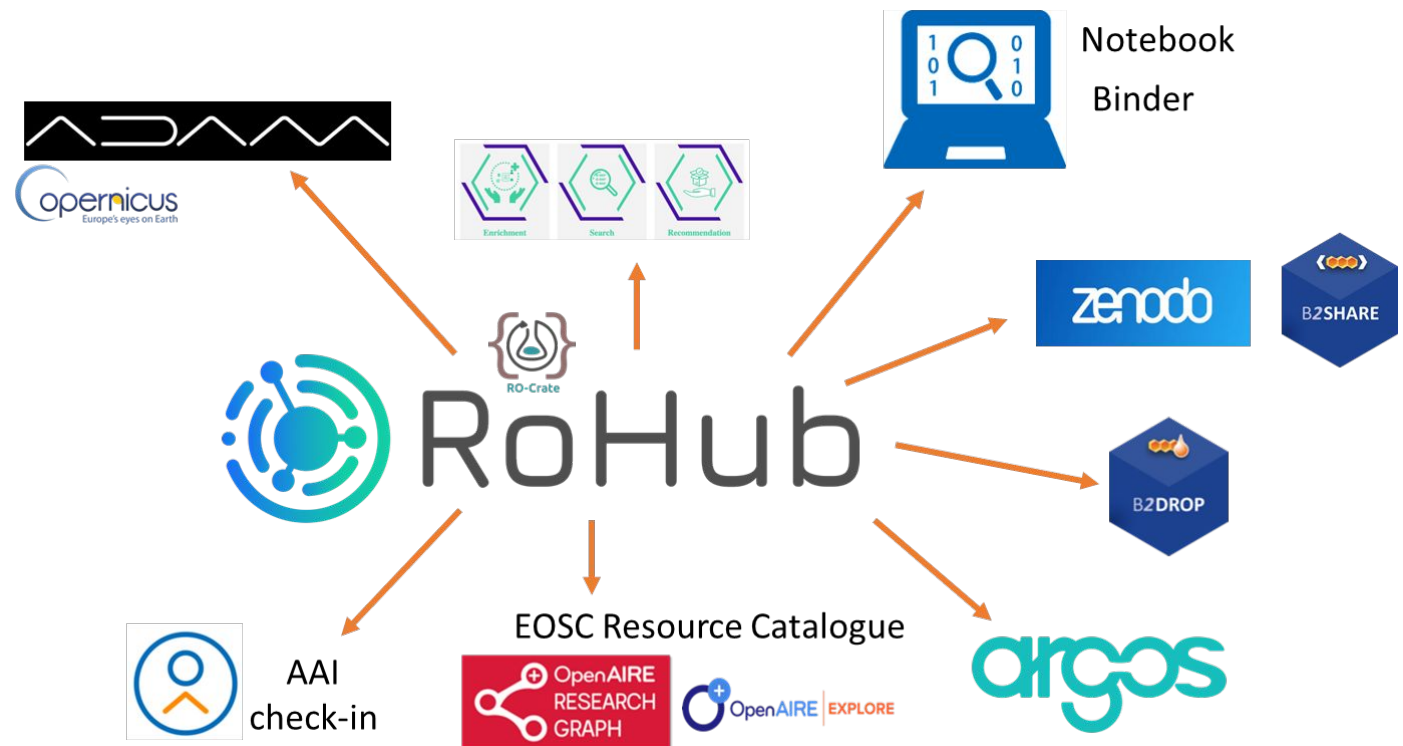
- Funders and Institutions
  - Deployments and Integrations with local research services
  - Migrating mechanism to move DMPs from other software to ARGOS

## • New Templates

## • Features

- Extend publishing mechanism
- Extend semantics
- Machine actionable table for input

## • Feedback from the community



# ARGOS - COMMUNITY

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>

# References

- **Data Management Plans in Horizon 2020: what beneficiaries think and what we can learn from their experience:**  
<https://open-research-europe.ec.europa.eu/articles/1-42>
- **Monitoring the open access policy of Horizon 2020:**  
<https://op.europa.eu/en/publication-detail/-/publication/56cc104f-0ebb-11ec-b771-01aa75ed71a1/language-en>
- **Presenting a Framework for Discipline-specific Research Data Management:**  
[https://www.scienceeurope.org/media/nsxdyvqn/se\\_guidance\\_document\\_rdmps.pdf](https://www.scienceeurope.org/media/nsxdyvqn/se_guidance_document_rdmps.pdf)
- **DMP Common Standard:** <https://github.com/RDA-DMP-Common/RDA-DMP-Common-Standard>
- **Horizon Europe Data Management Planning Template**

# THANKS

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