

ARGOS WHAT IT IS

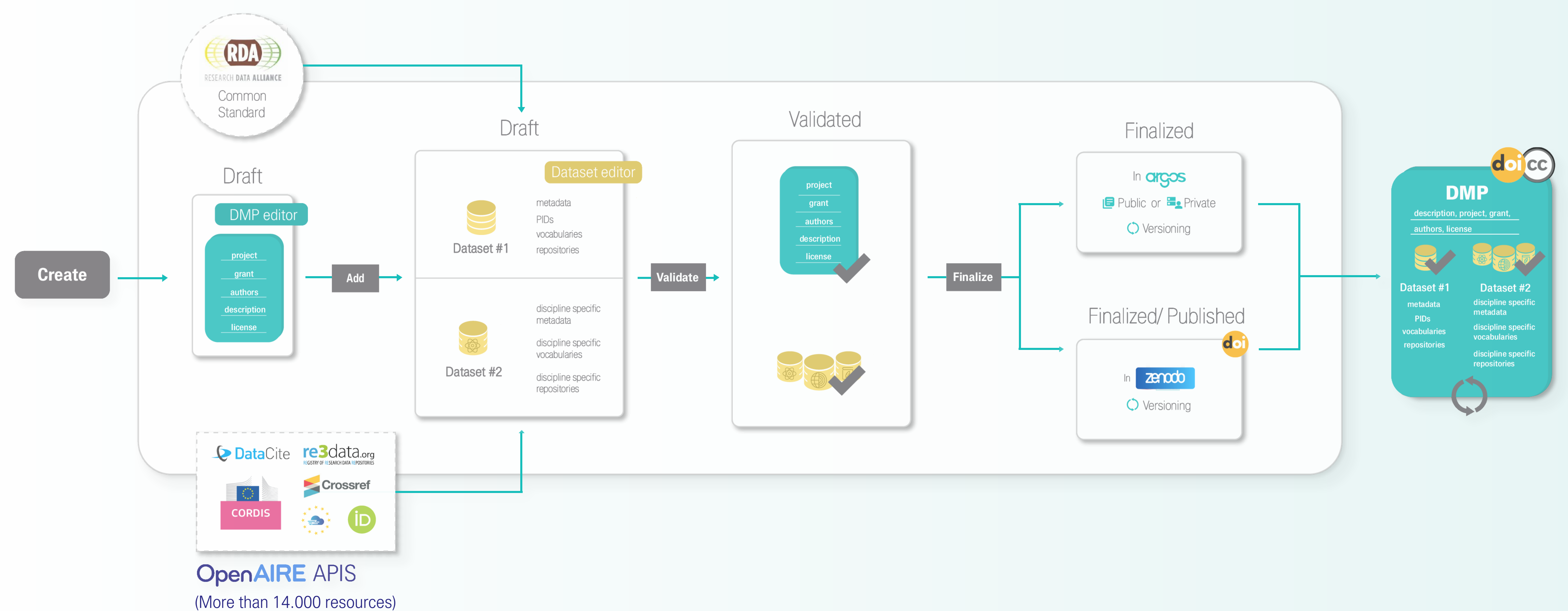
ARGOS is an open source, configurable and extensible tool for planning Research Data Management (RDM) activities according to Open Access & FAIR data policies and practices.

- Online or ad-hoc installation
- Free to use for researchers
- Available in EUROPEAN OPEN SCIENCE CLOUD

EMBED RDA STANDARDS

Argos adopted the RDA DMP Common Standard to align its practices with the global research data community and to maximise information exchange between other machine actionable compatible providers.

WHAT IT DOES - FULL DMP GENERATION AND PUBLICATION LIFECYCLE



KEY FEATURES

🔗 DMP outputs following Open and FAIR principles

- Rich documents vs plain text
- Discoverable through OpenAIRE
- History of versions and provenance of metadata (editor)
- Accessible through PIDs (ORCIDs & DOIs)
- Reusable via attributed licenses and OpenXML (docx) / PDF formats
- Preserved in Zenodo

🔗 Interdisciplinary & multi-disciplinary DMPs support

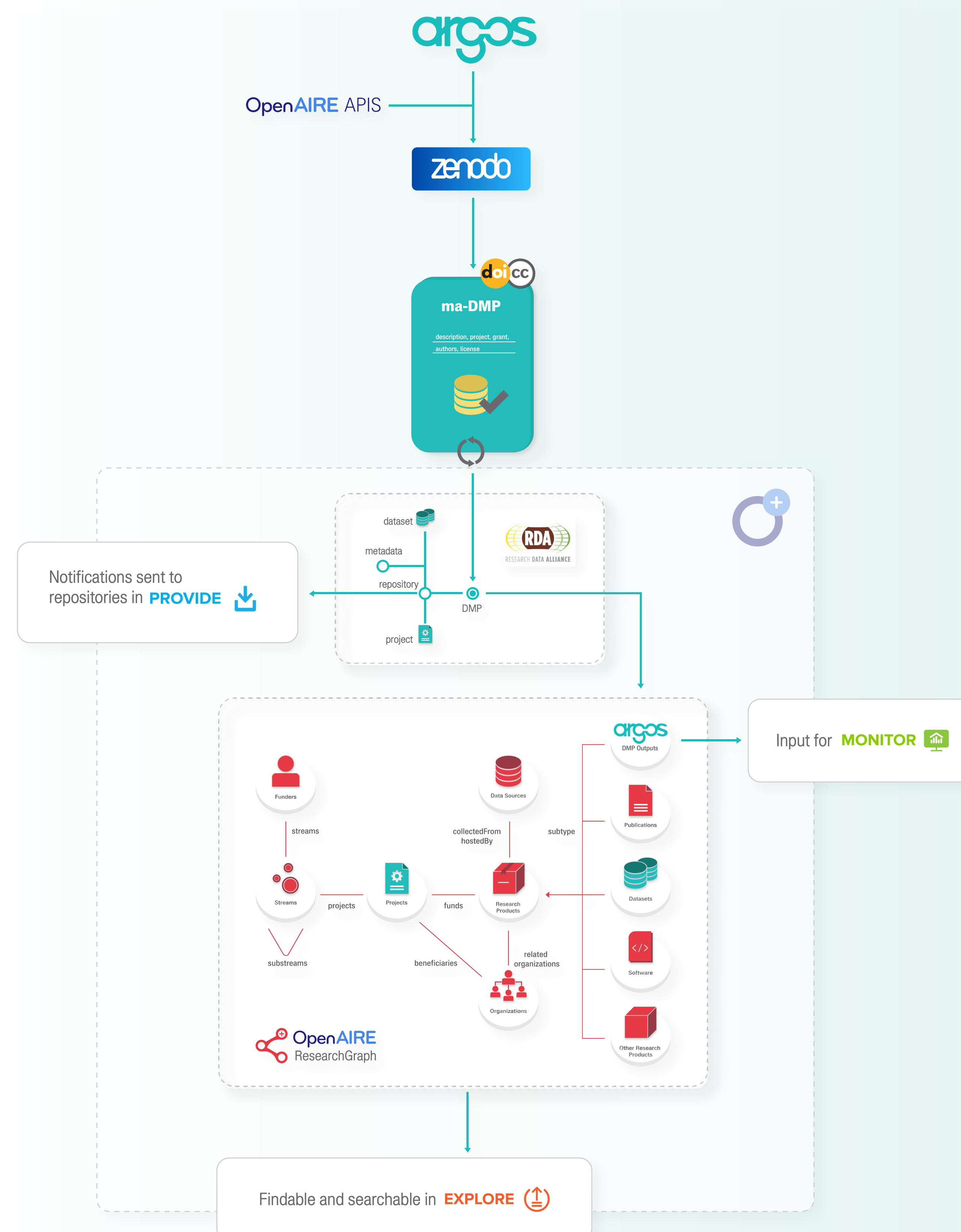
a. Normalization of data descriptions - describe many datasets in single DMPs

- Diversity - Distinguish the different types of datasets contained in DMPs and describe them one-by-one or grouped to common documentation of their standards and best practices.
- Status - Treat new datasets versus re-used datasets appropriately according to distinct criteria applicable based on their status.
- Privacy - protect from DMP publication yet appropriately describe sensitive datasets, that carry information about human or confidential activities.
- Community - implement Domain Data Protocols to more effectively address implementation of RDM activities of research communities.

b. Implementation of Domain Data Protocols

- Multiple selection of templates in single DMPs - choose according to given data needs
- Domain standards and resources configuration
- Guidelines tailored to scientific demands

LINKED BY DEFAULT TO OpenAIRE SERVICES



ONGOING & FUTURE PLANS

- Support European Commission's Horizon Europe, CHIST-ERA and Fundação para a Ciência e Tecnologia (FCT) calls for projects.
- Work closely with different types of stakeholders to understand and address their distinct demands: research funders, research communities, research institutions.
- Standardization of practices and collaborations -> e.g. via PROVIDE service for DMPs to be exposed in repositories with appropriate resource_type.
- Enrich the templates collection.

REFERENCES

- Argos RDA DCSO adoption story <https://www.rd-alliance.org/implementing-dmp-common-standard-argos-tool-madmps>
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- Fajar J. Ekaputra, João Cardoso, Leyla Garcia, Marie Christine Jacquemot. The standard Ontology. Retrieved from: <https://w3id.org/dcs/ns/core/3.0.2>
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