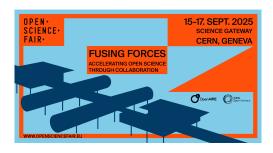Contribution ID: **136** Contribution code: **-136**   Type: **Demo**

ARGOS in Action: A Demo on Challenging Traditional Data Management Plans with Blueprints

Research today produces an expanding array of data, software, and workflows managed across diverse services and organizational environments. This growing complexity poses challenges for research support teams aiming to implement consistent, policy-aligned practices for Open Science and FAIR data management.

OpenAIRE addresses this need with ARGOS (argos.openaire.eu), a solution designed to streamline research output management from the planning stage. At its core is the Blueprint: a layered model for Data Management Planning (DMP) that connects funder and institutional policies, stakeholder roles, research outputs, and services, accommodating collaboration across teams and contexts.

ARGOS functions both as a form-based DMP tool with curated templates, and as a component embedded in research administration workflows, enabling cross-team governance, versioning, and review. With active contributions and leadership in the Research Data Alliance, TIER2, and OSTrails projects, ARGOS co-defines and implements common standards to automate certain Research Data Management (RDM) processes and enhance interoperability across the research lifecycle.

This poster and demo showcase ARGOS use cases using the Blueprint concept. It challenges the traditional DMP concept and expected format to improve the structure and content in a way that:
a. better reflects common versus individual RDM practices and policies followed by project participants;
b. static DMP documents become dynamic, FAIR and queryable outputs;
c. advances reproducibility and research integrity.

We demonstrate how ARGOS supports data stewards and policy-makers in embedding good data practices at scale, helping institutions and funders guide researchers toward responsible science and innovation.

Tagline

This demo showcases how ARGOS and its Blueprint model turn traditional Data Management Plans into structured, connected, and reusable tools—aligning policies, teams, and services to support FAIR, collaborative, and effective research output management.

Keywords

Demonstration; ARGOS; Data Management Plans (DMPs); Reproducibility

Authors: PAPADOPOULOU, Elli; KONTOPIDI, Maria

Co-authors: KAKALETRIS, Georgios; TZIOTZIOS, Diamantis

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