



**Diamantis Tziotzios**  
CITE



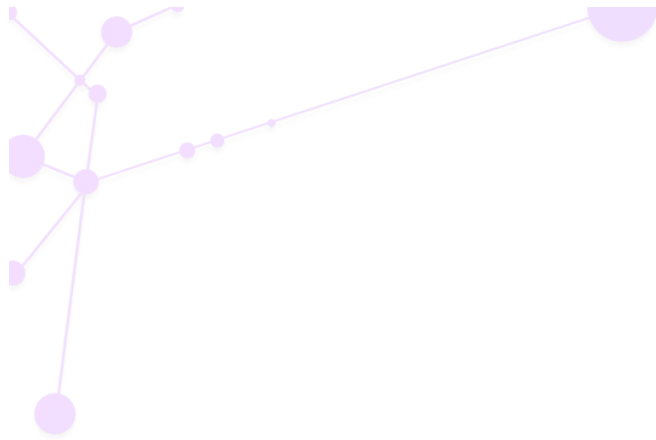
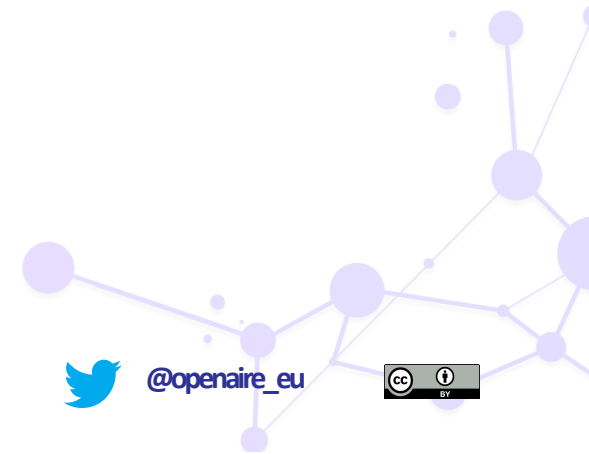
Plan and follow your data



NI4OS-Europe National Capacity Building Event in Greece | 07 December 2021



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# Overview of ARGOS

- ARGOS is an **open source, configurable and extensible** tool for **planning Research Data Management (RDM)** activities according to **Open Access & FAIR** data policies.
- **Website:** <https://argos.openaire.eu/>  
~2000 users (growing)

- ✓ **Online or ad-hoc installation**
- ✓ **Free to use for researchers**
- ✓ **Available in EOSC**



# Why to use ARGOS by whom

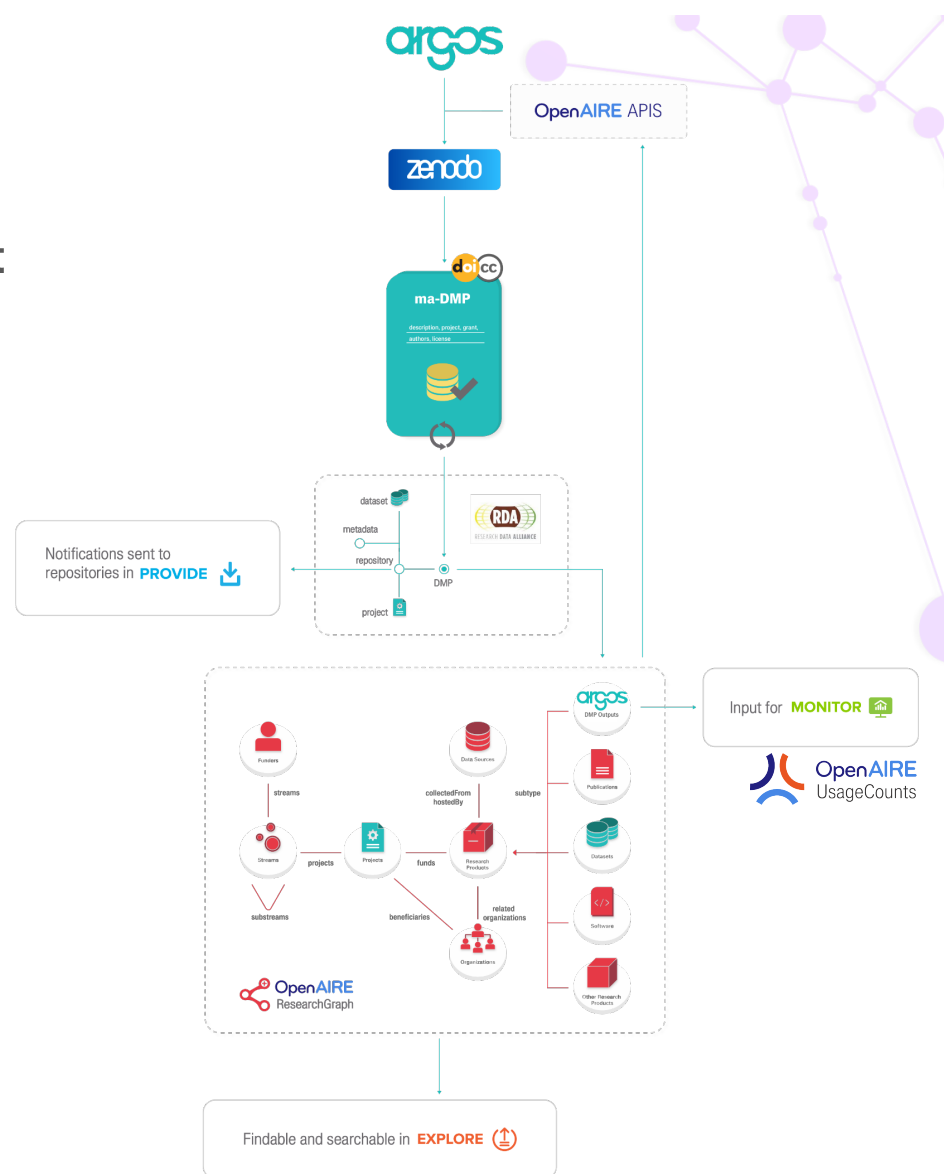
- **Full DMP Lifecycle**
  - generate & publish DMPs according to Open and FAIR principles
- **Machine actionable DMP (ma-DMP) outputs**
- **Data Domain Protocols**
  - create many dataset profiles in a single DMP
    - -> e.g. new vs re-used vs sensitive vs discipline specific
- **Contextualized and exploitable DMP data**
  - connect with and enhance reference services and data sources (OpenAIRE, EOSC, etc).
- **Standardization of global practices and collaborations**
  - -> e.g. RDA DMP Common Standard; DMPs exposed in repositories with appropriate resource\_type

**Main users: researchers / research projects, funders, research communities and institutions**



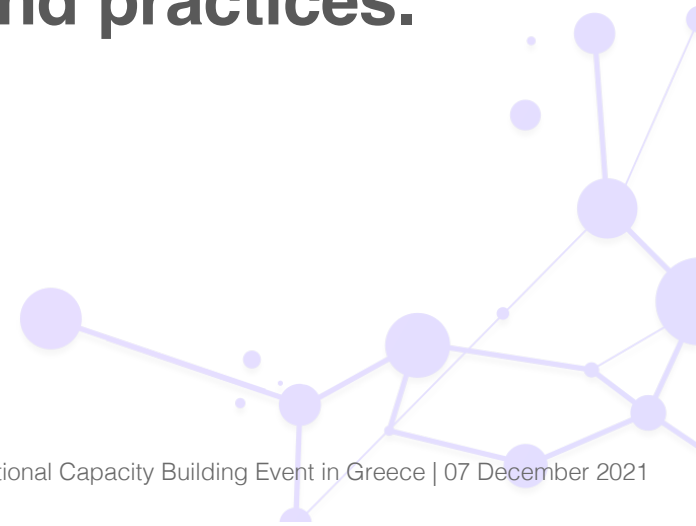
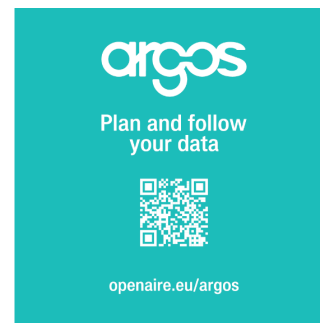
# ARGOS interlinked

- Create subsets of Argos in OpenAIRE that meet your needs.
- Publish in Zenodo
  - Or integrate with own repositories
- Notify repository managers for new datasets.
  - Integrations to enable pre-filling of DMPs for re-used data
- Exploit DMP entities in the Research Graph.
  - Create links between outputs and entities.
- Combine with validated OpenAIRE data and provide statistics.
  - Define indicators; Add to dashboards.
- Add DMPs under the project's page.



# Take away

- ARGOS **prepares** all stakeholders for the next Horizon Europe DMPs requirements.
- ARGOS **simplifies** administrative processes and **connects** with University / Institutional workflows.
- ARGOS **enables** research communities to create templates tailored to domain standards and practices.





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#OpenAIRE-Nexus

THANK YOU

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