



Paolo Manghi

OpenAIRE AMKE

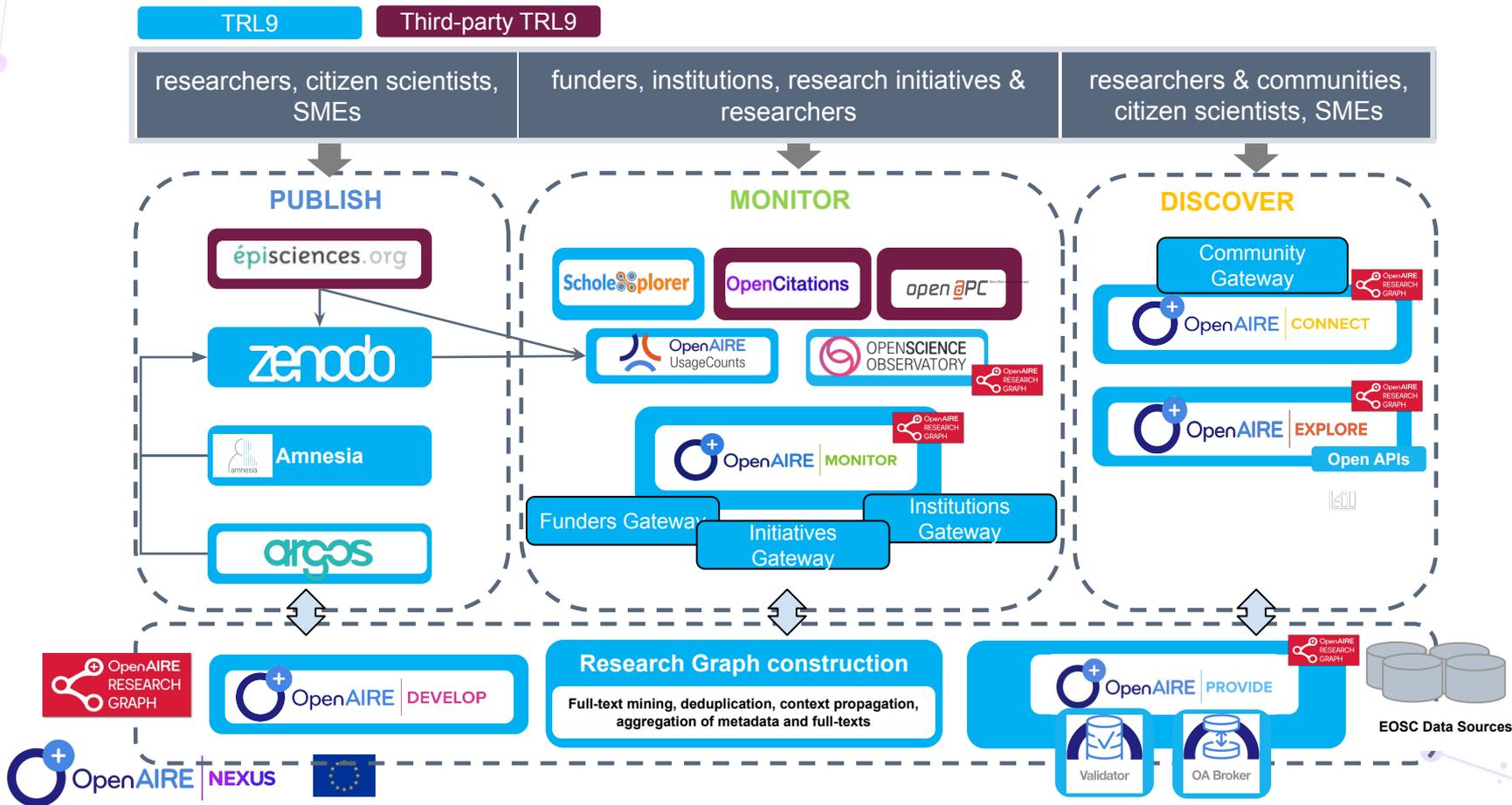
OpenAIRE Nexus in a nutshell

NEXUS

Structure

- **Period:** January 2021 - June 2023
- **Budget:** €3,993,424
- **Coordinator:** OpenAIRE AMKE
- **Partners (11):** CNR, ARC, ICM, UNIBI, CNRS, CERN, UNIBO, CITE, UGOE, UMINHO, GRNET/ARC

OpenAIRE Services



Integration with the EOSC Core

Semantic interoperability with the EOSC Core

EOSC Description Framework (services, data sources, research products), EOSC onboarding, and pervasive usage of PIDs



**EUROPEAN OPEN
SCIENCE CLOUD**

Technical interoperability with the EOSC Core

EOSC AAI, usage statistics for research products, and accounting

OpenAIRE Nexus services in the EOSC Core

EOSC IF guidelines for Research Products
OpenAIRE Guidelines, community defined



Archive, repository, catalogue, database, etc.



PROVIDE
EOSC Dashboard for Research Products Providers
Register data source & Validate compatibility to EOSC guidelines

EOSC Explore
Discover and navigate EOSC resources



EOSC Resource Catalogue
Knowledge Graph of interlinked EOSC resources

EOSC Resource Catalogue

EOSC Accounting for Research Products
Collect and share download and views statistics for PIDs



Some numbers (this year to Sept)

- **AAI:** 24K users actively using OpenAIRE AAI, *even though most services do not require login*
- **Zenodo:** 181K researchers have shared 66PB of data
- **Amnesia:** 15K visits, 450 downloads (installations?)
- **Argos:** 1200 researchers making their DMPs
- **PROVIDE:** 2.5K data sources registered & validated, generating 25M brokering events
- **UsageCounts:** 500 repositories capturing 785M downloads

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Some numbers (this year to Sept)

- **EXPLORE:** 1700 users have claimed 61K research results to 1700 projects and 35K claims to ORCID
- **OpenCitations:** 1.3B citation records, 82M API requests
- **Episciences:** 25 Journals, 10K users and 500 submissions
- **Graph**
 - 145M publications, 18M research data, 304K research software items, from 110K data sources, linked to 3M grants and 178K organizations
 - 35M API requests, 6K dumps

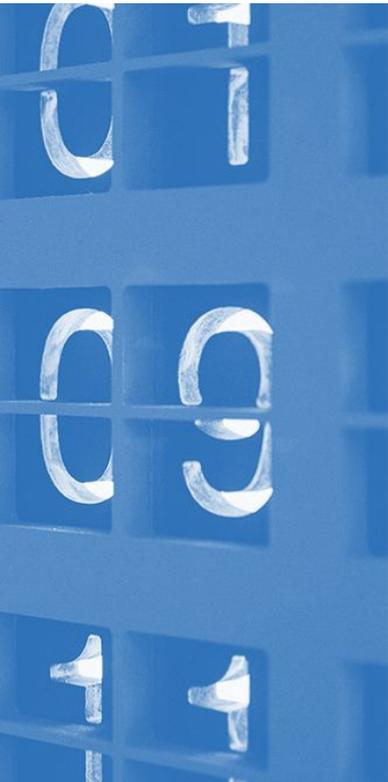


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Some numbers (this year to Sept)

- **MONITOR & CONNECT: 40+ dashboards in use**

Academy of Finland (AKA)
Creation Date: 28-11-2020
Type: Funder

Athena Research and Innovation Center In Information Communication & Knowledge Technologies
Creation Date: 10-02-2022
Type: Research Institution

Aurora Universities Network
Creation Date: 13-05-2022
Type: Research Initiative

Austrian Science Fund (FWF)
Creation Date: 30-11-2020
Type: Funder

Assessing the socio-economic impact of digitalisation in rural areas
Creation Date: 15-07-2020
The scope of this community is to provide access to publications, research data, projects and software for assessing the socio-economic impact of digitalisation in rural areas in Europe

Aurora Universities Network
Creation Date: 30-11-2021
Aurora consists of research-intensive universities deeply committed to the social impact of our activities, and with a history of engagement with the communities in which we operate. Our overall vision is to use our academic excellence to influence societal change through our research and education - aiming to contribute to the...

Common Language Resources and Technology Infrastructure
Creation Date: 01-03-2018
CLARIN

Corona Virus Disease
Creation Date: 16-03-2020
This portal provides access to publications, research data, projects and software that may be relevant to the Corona Virus Disease (COVID-19). The OpenAIRE COVID-19 Gateway aggregates COVID-19 related records, links them and provides a single access point for discovery and navigation. We tag content from the OpenAIRE Research Graph...

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OpenAIRE Graph for service providers



The Graph as EOCS Resource Catalogue





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#OpenAIRE-Nexus

THANK YOU

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