

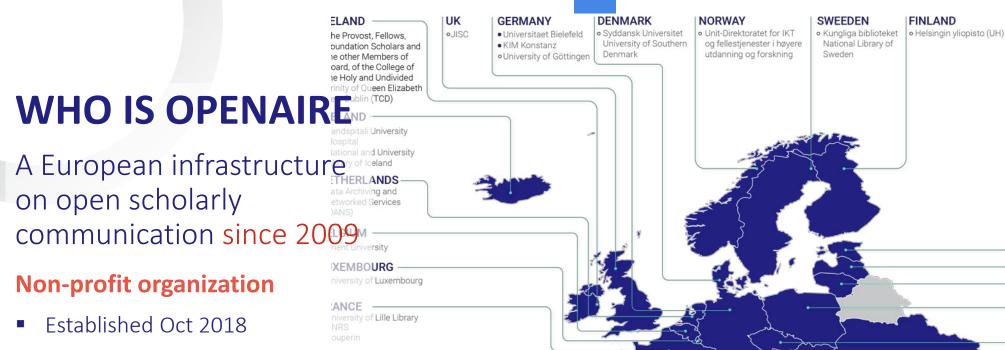
OpenAIRE

Open Scholarly Communication eInfrastructure

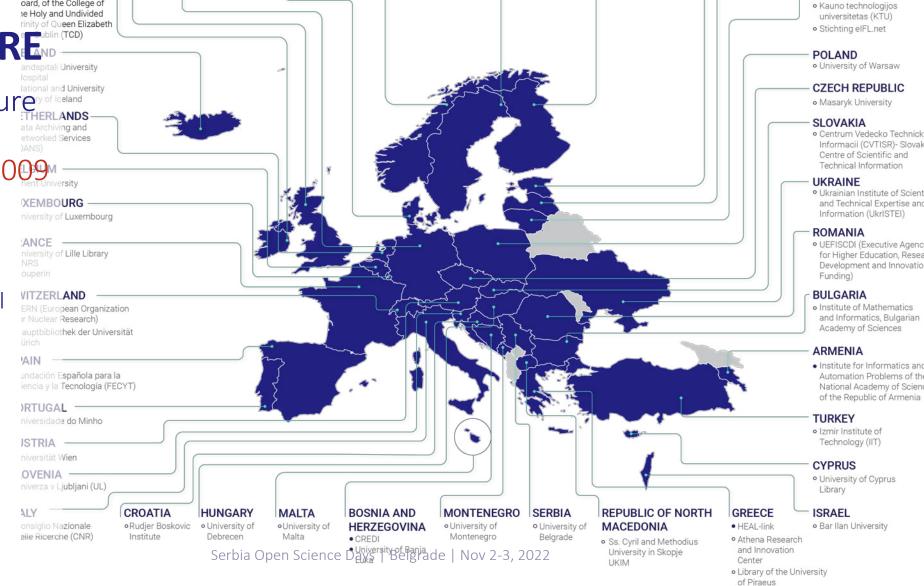
Natalia Manola OpenAIRE, CEO







- Headquarter Greece, virtual office
- 49 members
- From 34 countries



ESTONIA

University of Tartu

LATVIA

· University of Latvia

LITHUANIA





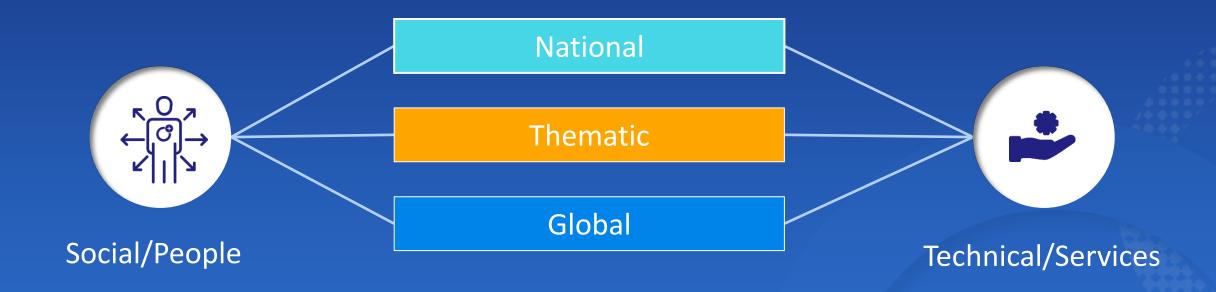
3 pillars of action







3 levels of operation





#1 – The OpenAIRE network

It's about connecting people and learning from each other





National Approach

National Open Access Desks (NOADs)

A pan-European network to address **diversity** in culture & **maturity** of national/local infras



34 countries

→ Key national organizations, experts on OA and Open Science

Coordination on

- Policies
- Infrastructure
- Research data management
- Legal issues
- Training
- 0 ...





NOADs activities

Promote Open Scholarhip	Promote open access and open science of all research outcomes. Inform researchers, data librarians and national infrastuctures about OS tools.
Outreach to national key players	Identify national key players , NCPs, National Funders, Discipline-specific Research groups, Research Infrastructures, Open science (or Open Access, Open Resear Data, RDM) working groups and initiatives, and promote and advise on OS, especially on how align and take up of OA policies and take up of OpenAIRE services.
Align OA/OS policies	Contact policy decision makers (funding bodies, ministries, RPO heads) to align OA / Open Research Data / RDM / OS policies.
Organize national workshops	Coordinate high-profile workshops on topic of open science with key scholarly infrastructures and funders in region.
Engage with funders	Getting funder huv-in to OpenAIRE infrastructure to reach economies of scale
Gather research outputs	We are here to amplify, learn from,
	ASSIS
Support Research Data Openness & Fairness	suppi point repos and support each other. The plans by rich data her a list of where.
Train for RDM	Share experiences and expertise on local or institutional RDM activities. Activate local RDM training. Participate, or lead webinars to train the OpenAIRE community. Provide feedback on the DMP template.
Provide expert advice	Participate in Training, webinars on expert topics. E-research support: connecting researchers with tools. Digital Preservation and repositories: good practice.
Support community	Assist repository managers (literature and data), CRIS managers and PA journal publishers to make their repositories and journals compliant with the OpenAIRE Guidelines. Promote the OpenAIRE guidelines for literature and data repository managers and for OA journal editors/publishers/aggregators- Contact CRIS implementers to promote uptake of OpenAIRE's CRIS guidelines- Inform about OpenAIRE's text mining services to identified funded publicationsOutreach to E funded projects. Answer helpdesk queries.
Disseminate national and EU	Promote OpenAIRE and dissemination materials at key events. Contribute to OpenAIRE Blog and Newsletter Updating portal pages with key information.



#2 - Services

for all R&I actors





OPENAIRE SERVICES IN A NUTSHELL



Tracking open research

Reproduciblity and transparency require tracking of all outcomes of science and related "context"



Discovering open research

Discovery of reproducibe
science outcomes must find
new ways, driven by
"scientific intentions" that go
beyond the "find articles
related to a research topic"



Assessing & monitoring (open) research

Monitoring quality, impact, and "open scienceness" of science should be a transparent, reproducible process for all, inclusive of research "context"



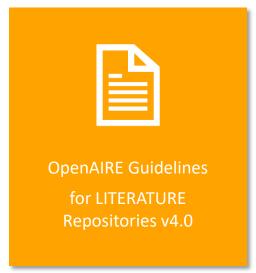


GUIDELINES FOR CONTENT PROVIDERS

A COMMON METADATA FRAMEWORK AND BEST PRACTICES



https;//guidelines.openaire.eu













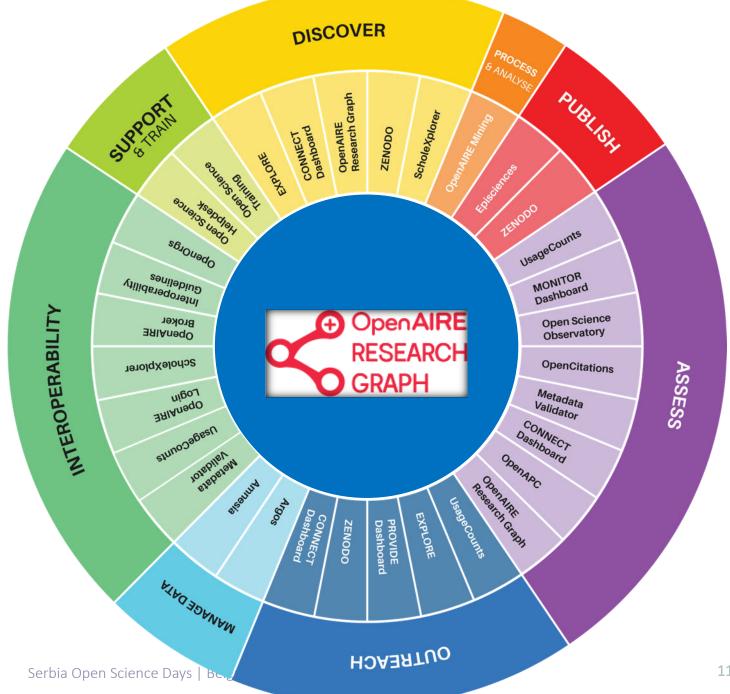
Part of EOSC Rules of Participation for Content Providers (EIF). Global adoption.





OpenAIRE

A RANGE OF **SERVICES COVERING** ALL RESEARCH LIFE CYCLE









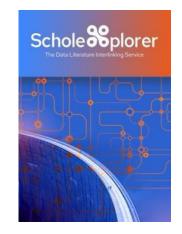






EPIsciences



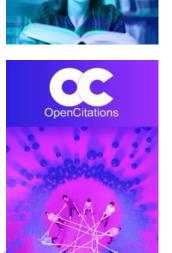






















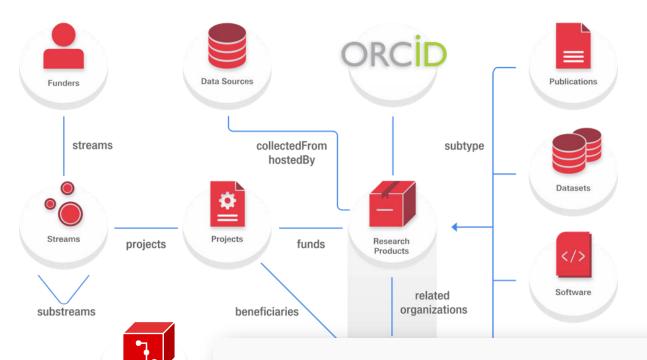




http://catalogue.ope naire.eu

OPENAIRE RESEARCH GRAPH – KEY ASSET IN OPEN SCIENCE INFRASTRUCTURE

INCLUSIVE, TRANSPARENT, REPRODUCIBLE



- Based on Open Science principles
- High relevance to the research community

OpenAIRE Research
Graph has global coverage

Open and authoritative sources, open APIs, well established metrics

Indicators and visualisations for all needs

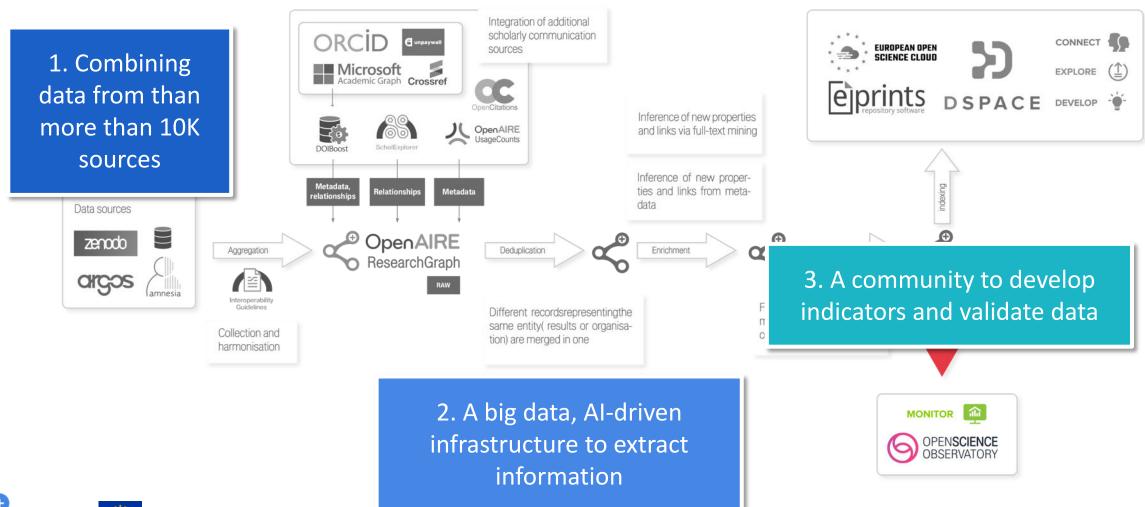
A comprehensive and open dataset of research information covering 145m publications, 18m research data, 305k research software items, from 110k data sources, linked to 3m grants and 178k organizations.

All linked together through citations and semantics.





OPENAIRE RESEARCH GRAPH — THE BASICS





OPENAIRE SERVICES: END-TO-END STORY





Some numbers (this year to date)

- **Graph:** 35M API requests, 6K dumps
- **EXPLORE:** 1700 users have claimed 61K research results to 1700 projects and 35K claims to ORCID
- OpenCitations: 1.3B citation records,
 82M API requests
- MONITOR & CONNECT: 40+ dashboards in use
- Episciences: 25 Journals, 10K users and 500 submissions

- 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: 2K 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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