

OpenAIRE-Nexus Services to onboard National infrastructures in EOSC

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with



The EOSC Future, C-SCALE, DICE, EGI-ACE, OpenAIRE-Nexus, Reliance and ARCHIVER projects are funded by the European Union Horizon Programme calls INFRAEOSC-03-2020 and INFRAEOSC-07-2020 and H2020-ICT-2018-20





OpenAIRE users

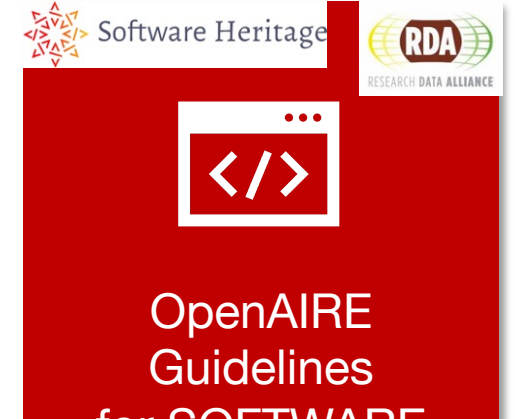
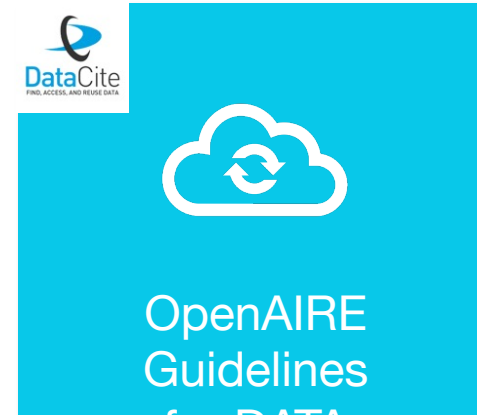
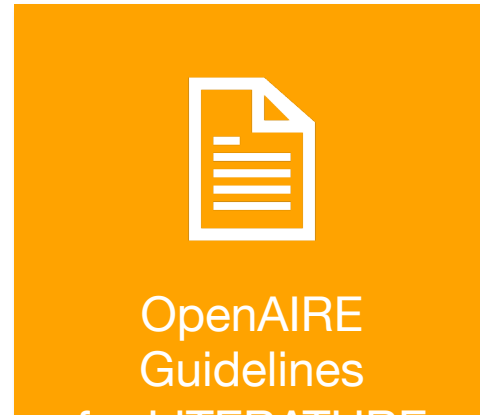
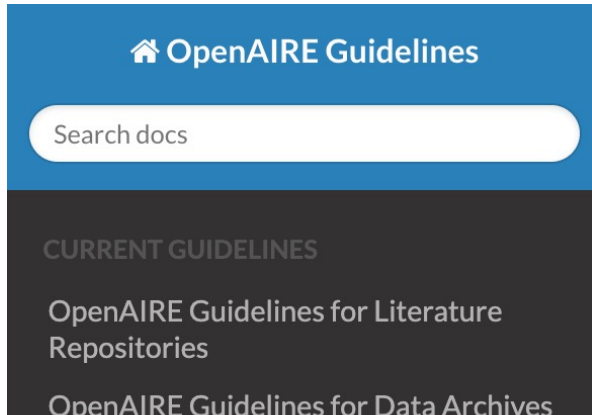
1. Researchers
2. Librarians and OS support stuff at university level
3. Research managers
4. Policy makers
5. National infrastructures implementors and operators



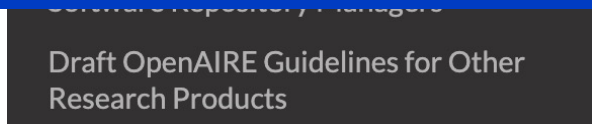
Services available in EOSC from the national infrastructures

1. Publishing
 - a. Institutional repositories – all types of research results
 - b. OA Journals (Diamond OA)
 - c. National and thematic data repositories
 - d. CRIS systems
 - e. Aggregators
2. Monitoring
 - a. Monitoring and assessment of Open Science (including citations, usage, APC costs)
3. Supporting
 - a. FAIR assessor
 - b. Data Management Plans
 - c. Anonymisation
4. Training

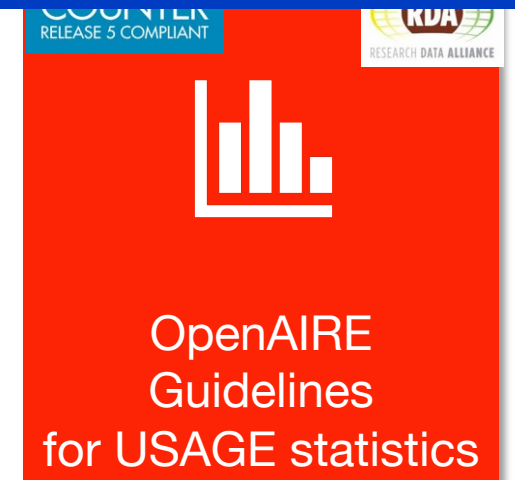
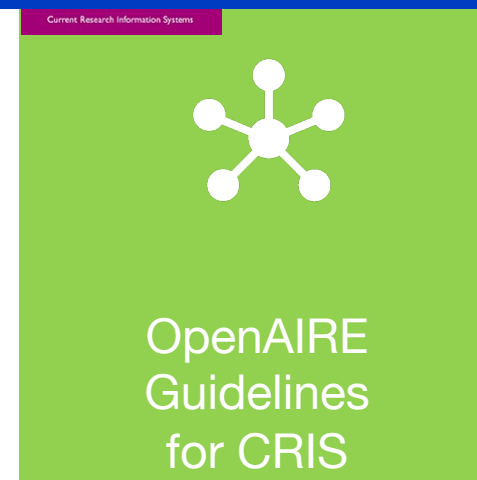
Guidelines for content providers



EOSC RoP for Content Providers

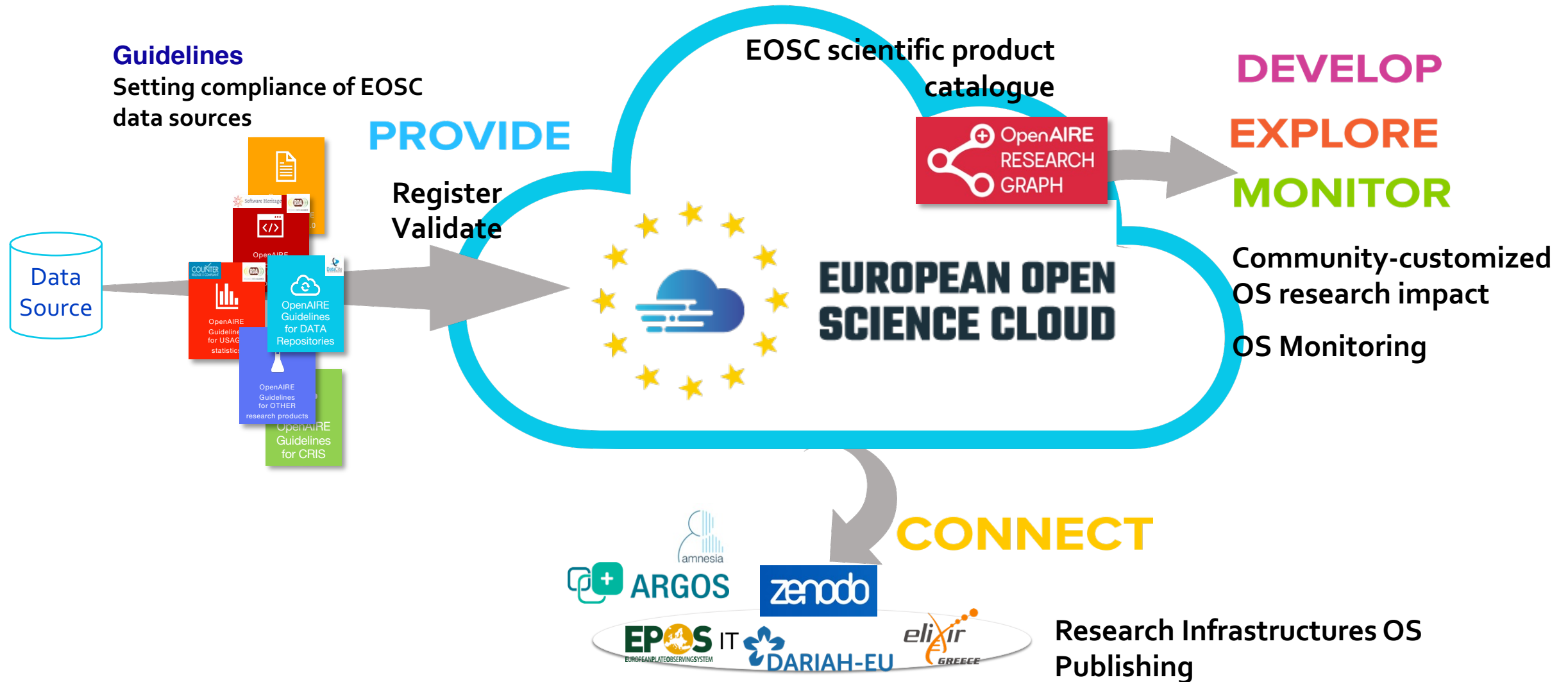


guidelines.openaire.eu



Integration

from beginning to end (repositories, CRIS → Monitoring)



Workflow: how becoming FAIR in EOSC via OpenAIRE

Onboard data (PROVIDE)
in EOSC through the
Research Graph

Make the data sources
FINDABLE and
ACCESSIBLE
(EOSC explorer; resources
search bar in EOSC
Marketplace)

Make the data/resources
INTEROPERABLE as part
of EOSC environment

Make the data REUSABLE
because all data sources
have robust metadata
information (sources, links
to projects, links to
institutions,
deduplication, etc)

Case of integration: RCAAP Portugal



Service use case

((())) Challenge & scenario

RCAAP Portal is a search portal conceived to collect, aggregate and index Open Access scientific scholarly communication from the Portuguese Institutional Repositories and Journals.

Ensure enriched and curated metadata could be a challenging task within the institutional repository management activities. In many cases the funding project information is missing or not correctly filled in, constraining the reporting tasks and the compatibility with global standards.



Solution & implementation

API-OpenAIRE integration in Repositories provides the possibility of identification of the project funder, whether it came from FCT, Welcome Trust or the European Commission, make the correspondent links to publications available in the repository, allowing this process to be implemented at the beginning of the workflow - when the publication is deposited and reused later.

Making an impact via EOSC!

RCAAP Needs

- Aggregation of records from repositories
- Ensure interoperability of systems
- Alignment with national and international regulation
- Meeting open science requirements
- Enable machine-machine communication

Solutions from OpenAIRE

- Enhance the quality of metadata associated to research projects (OpenAIRE Guidelines)
- Improving visibility, access and dissemination (OpenAIRE -> EOSC)
- Collecting valuable information to track and monitor the research workflow

Impact for RFOs (FTC, EC)

- Tracking...
- Monitoring...
- Assessing...

The research outputs during the research workflows

Monitoring for FCT

Top (

content provider

Universidade do Minho: Rep...
arXiv.org e-Print Archive
Repositório da Universidade ...
Repositório Institucional da ...
Repositório Aberto da Univer...
Estudo Geral
Repositório do ISCTE-IUL
Universidade de Lisboa: Rep...
Hyper Article en Ligne
Biblioteca Digital do IPB

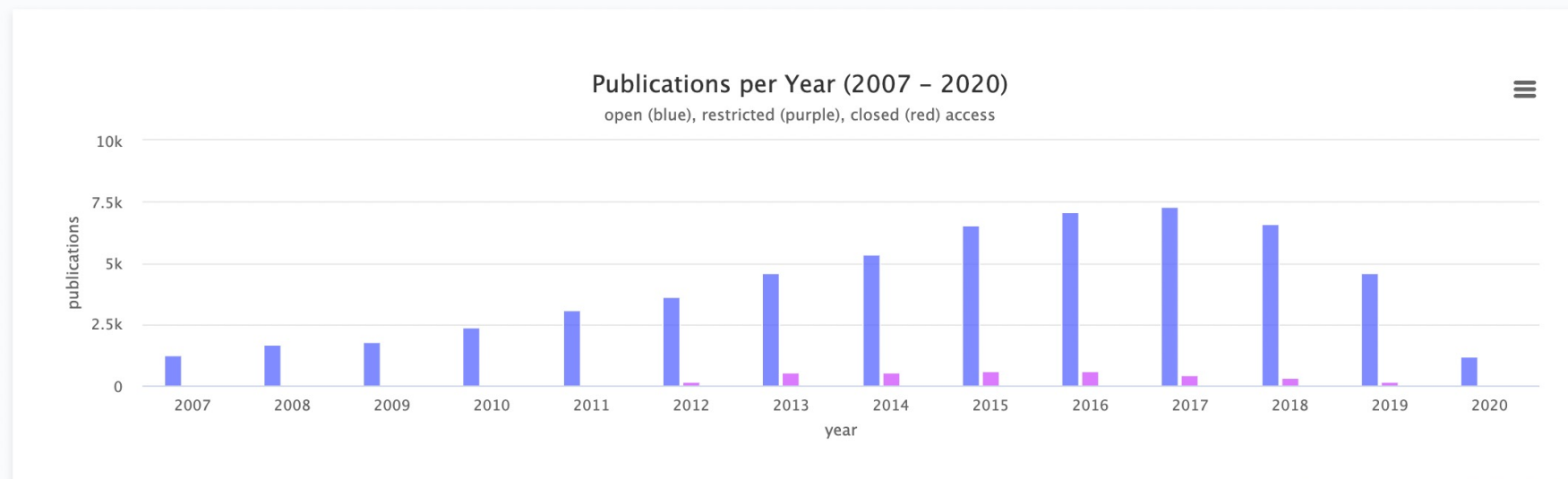
Output

Open Science

Networks & Collaborations

Impact

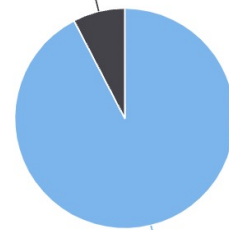
Composite Indicators &
Correlations



Open Access vs Non Open Access

Publications

Non Open Access

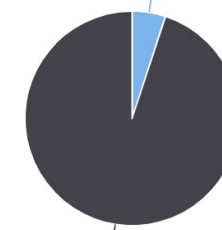


Open Access

Open Access vs Non Open Access

Research Data

Open Access



Non Open Access

Thanks for listening!

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