OpenAIRE Services and EOSC

OpenAIRE **Services** that help **researchers and institutions comply** with **EOSC principles** and **recommendations**.

The way to enhancing local research ecosystems and bridging them with EOSC

1.Openness

EOSC is based on the principle of openness

For end-users

EXPLORE	To discover open access versions of research resources	60,391,907 Open Access content
MONITOR	To track open science activities and funding based on open indicators	21 Dashboards
OPENSCIENCE OBSERVATORY	To track Open Access policies and activities at national level	44 Countries
zenodo	To publish and discover open content	2.5M+ Research Resources
EPIsciences	To publish in diamond open access journals	24 Journals
amnesia	To anonymise sensitive datasets with guarantees and publish them in Open Access	2955 app downloads

For service providers

PROVIDE	To increase visibility, discoverability and compliance of open repositories with the OpenAIRE Guidelines	5K+ Literature Repositories; 2K+ Data Repositories; 140 Aggregators
OpenAIRE UsageCounts	To track usage events and evaluate impact of usage activity	200 Repositories; 195M+ Views; 600M+ Downloads
OpenCitations	To track open bibliographic and citation data	1,294,283,603 Citation links
open APC	To track open access publishing costs	341 Institutions; 731+ Publishers; 8,7K+ Journals

OPEN

FAIR

2.FAIRness

EOSC resources align with FAIR principles

For end-users

EXPLORE	To discover and access scientific content	153,593,360 Scholarly Content
argos	To create and publish FAIR DMPs	700+ DMP outputs
CONNECT DASHBOARD	To discover all content for a research domain from one single entry point	12 Gateways
zenodo	To publish and preserve FAIR metadata and research resources	9710 Communities
EPIsciences	To publish and link publications and FAIR metadata	4779 Published Articles
OpenAIRE UsageCounts	To provide standardised open usage metrics	4,371,166 Research products
MONITOR	To track FAIRness of scientific outputs	13 Funders; 7 Research Initiatives; 7 Institutional Dashboards
OPENSCIENCE OBSERVATORY	To track Research data Management and FAIR policies and activities at national level	44 Countries

For service providers

ScholeXplorer	To create links between different scientific content	392,286,774 Bi-directional Scholar Links
Metadata Validator	To validate the FAIRness of metadata	82 new data sources in 2022
OpenAIRE BROKER	To enrich metadata	23,997,326 Metadata Exchange Events
OpenCitations	To foster maximum reuse of citation data	72,268,850 Bibliographic Resources
open APC	To provide standard open access fees	147K+ Articles; € 282M+ Aggregated Sum

3.EOSC architecture

OpenAIRE services used at the Core of EOSC

OpenAIRE

For end-users

open findability accessibility interoperability reusability	OPENSCIENCE OBSERVATORY	To track Open Science Maturity in the EU
open findability accessibility interoperability reusability	OpenPlato	To foster modular Open Science training for capacity building

For service providers

open findability accessibility interoperability reusability	OpenAIRE ResearchGraph	To exploit EOSC research outputs, resources and relationships
open interoperability	PROVIDE	To enable interoperability of metadata across content providers
open accessibility	AAI	To authenticate and authorise users to access the EOSC Portal

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