Pedro Príncipe

University of Minho. OpenAIRE Support Office. OpenAIRE Provide Product Manager

OpenAIRE Services

CC BY

Open Access Infrastructure for Research in Europe...

Serving the Open Science policy agenda in the European Research Area. 1

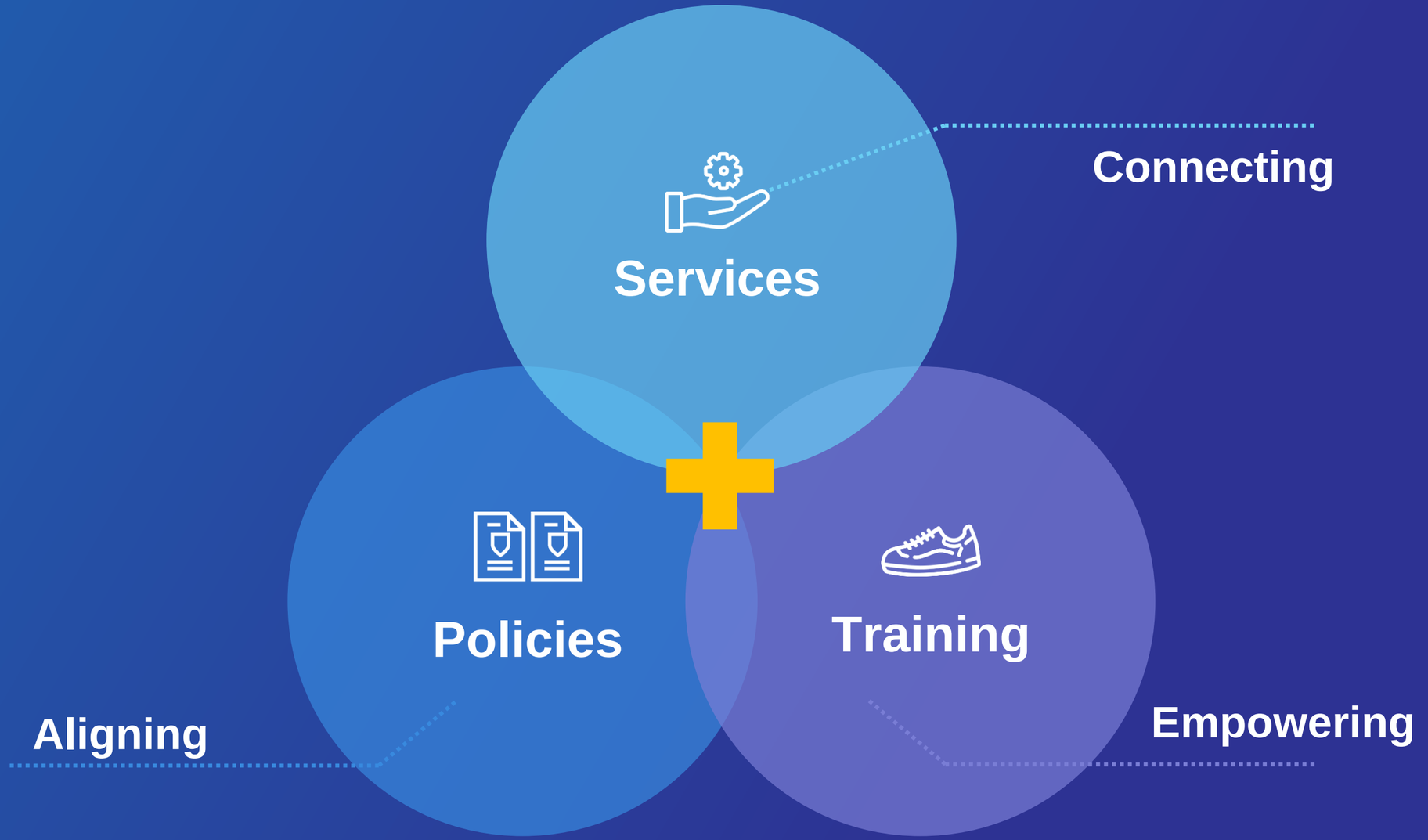
Building an open, participatory & sustainable scholarly communication infrastructure. 2

Offering services for all actors in research ecosystem. 3

Actively participating in the EOSC developments. 4

OpenAIRE

3 pillars of action

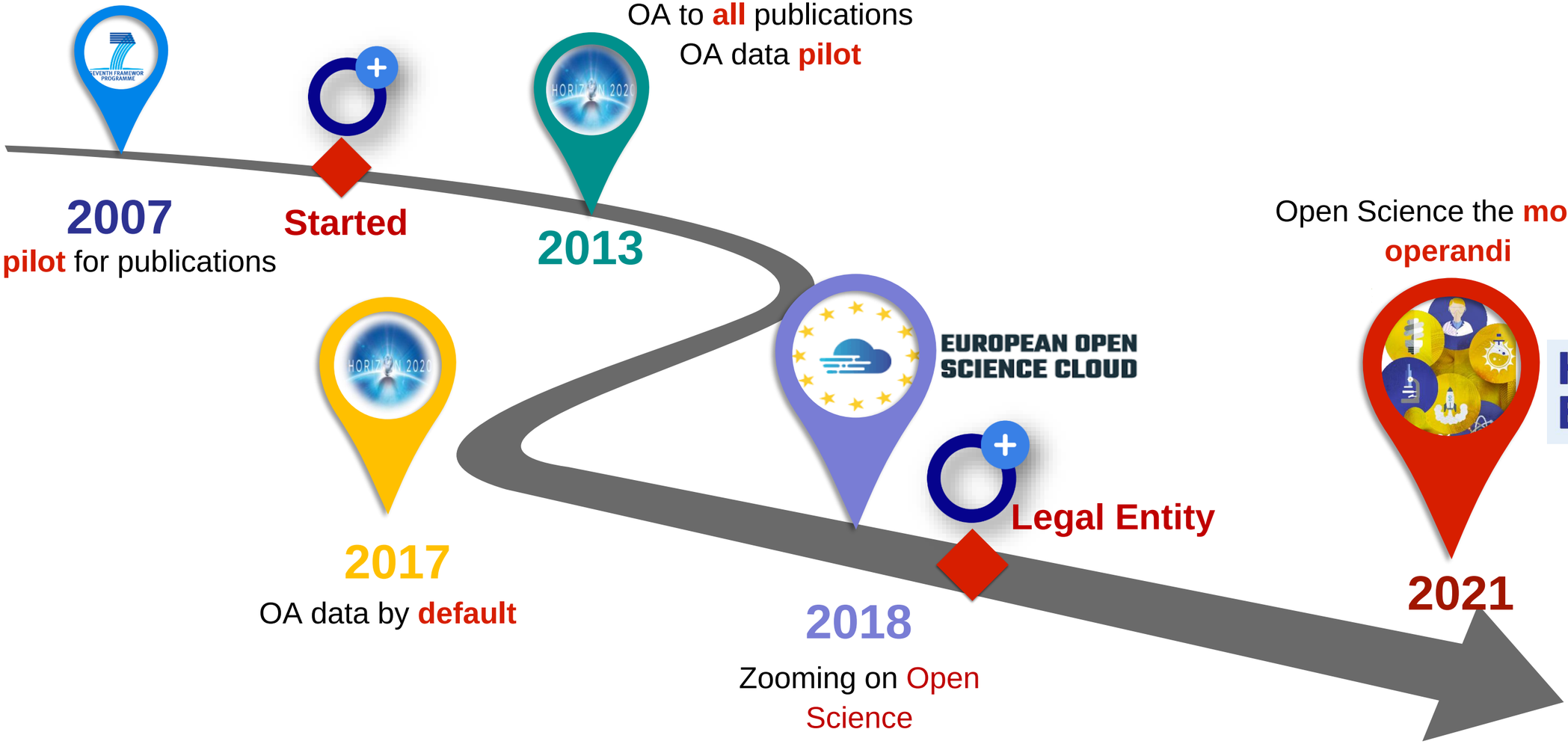


OpenAIRE

1.

Serving the Open Science policy agenda in the European Research Area.

Open Science in the EU and OpenAIRE

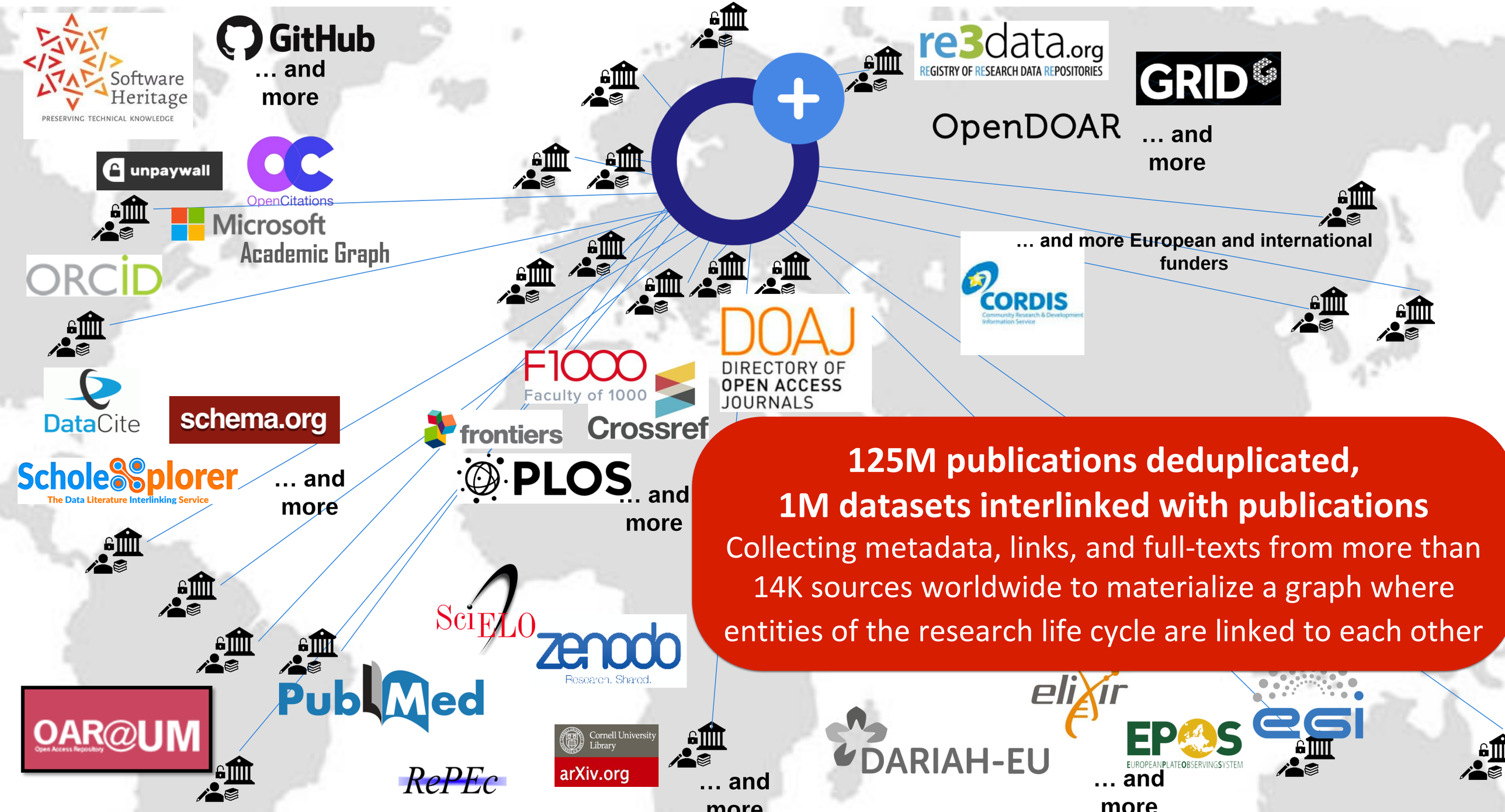


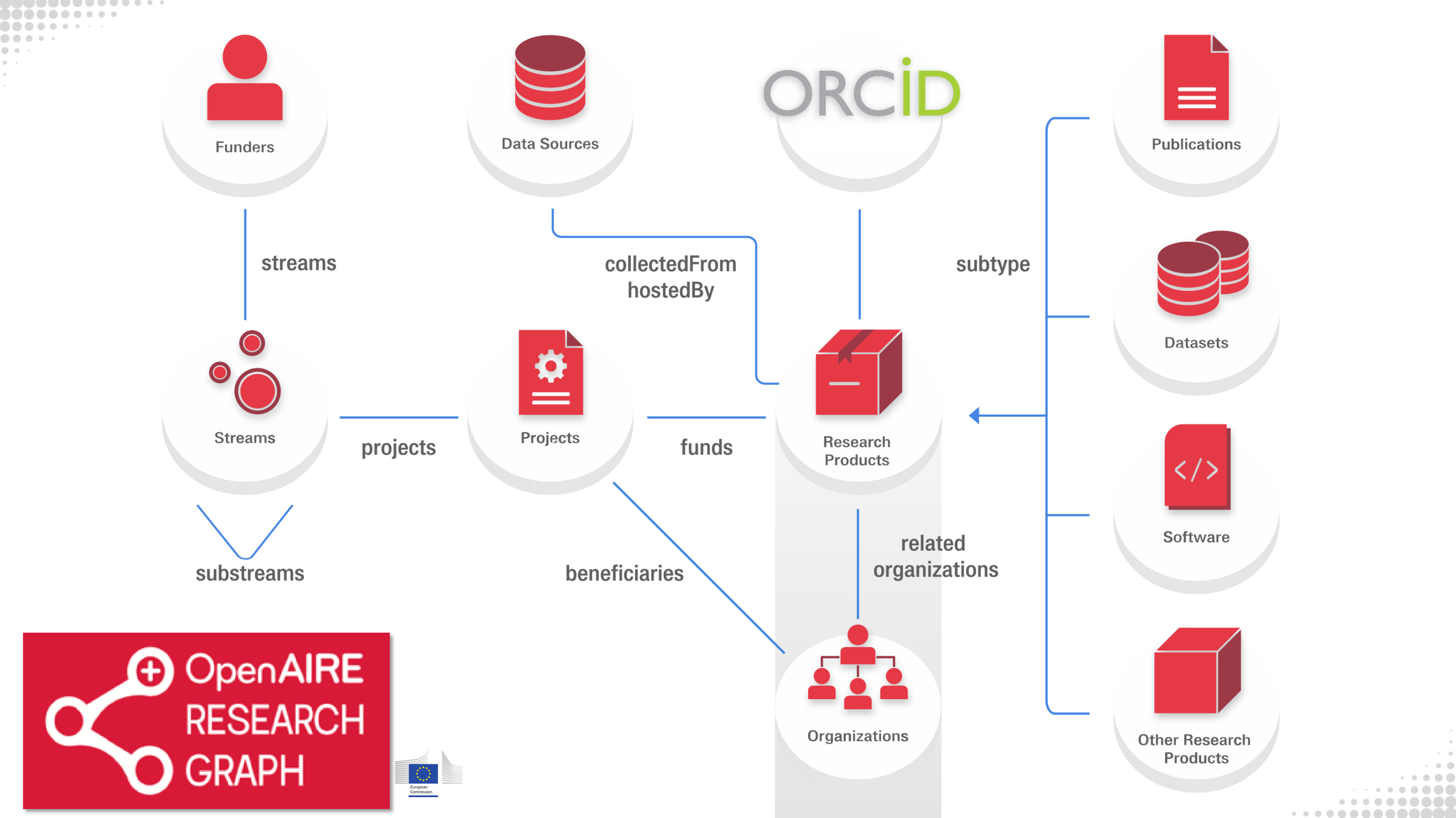
OpenAIRE

Slide from Natalia Manolla

2.

Building an open, participatory and sustainable scholarly communication infrastructure.


Software Heritage
PRESERVING TECHNICAL KNOWLEDGE
GitHub
… and more
re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES
GRID
OpenDOAR
… and more
unpaywall
OpenCitations
Microsoft Academic Graph
ORCID
… and more European and international funders
CORDIS
Community Research & Development Information Service
DataCite
schema.org
F1000
Faculty of 1000
DOAJ
DIRECTORY OF OPEN ACCESS JOURNALS
frontiers
Crossref
ScholeXplorer
The Data Literature Interlinking Service
… and more
PLOS
… and more
125M publications deduplicated,
1M datasets interlinked with publications
Collecting metadata, links, and full-texts from more than 14K sources worldwide to materialize a graph where entities of the research life cycle are linked to each other
SciELO
zenodo
Research. Shared.
OAR@UM
Open Access Repository
PubMed
elixir
EPOS
EUROPEANPLATEOBSERVINGSYSTEM
egi
Cornell University Library
arXiv.org
DARIAH-EU
RePEc
… and more
… and more


Funders
Data Sources
ORCID
Publications
streams
collectedFrom
hostedBy
subtype
Datasets
Streams
projects
Projects
funds
Research
Products
Software
substreams
beneficiaries
related
organizations
Organizations
Other Research
Products
OpenAIRE
RESEARCH
GRAPH
European
Commission

OpenAIRE RESEARCH GRAPH

Providing an open metadata research graph of interlinked scientific products, with Open Access information, linked to funding information and research communities

- Open
- Complete
- De-duplicated
- Transparent
- Participatory
- Decentralized
- Trusted

creative commons 0 ZERO
BY

OpenAIRE

European Commission

3.

Offering services for all actors in research ecosystem.

OpenAIRE RESEARCH GRAPH

Putting research into context.
Making the connections.

explore.openaire.eu

USAGE ANALYTICS

Make your content count

provide.openaire.eu

ScholeXplorer

Interlinking data
and publications

scholexplorer.openaire.eu

OA BROKER

Routing information
across content providers

provide.openaire.eu

METADATA VALIDATOR

Helping you apply
the OpenAIRE Guidelines

provide.openaire.eu

OpenAIRE | CONNECT

Build an Open Research
Gateway for your community

connect.openaire.eu

OpenAIRE | MONITOR

Simplify research tracking
& monitoring

monitor.openaire.eu

OpenAIRE | DEVELOP

APIs to access the
OpenAIRE Research Graph

develop.openaire.eu

zenodo

a catch-all-repository

www.zenodo.org

OpenAIRE | EXPLORE

Discover and share research

explore.openaire.eu

amnesia

Anonymize your datasets

amnesia.openaire.eu

argos

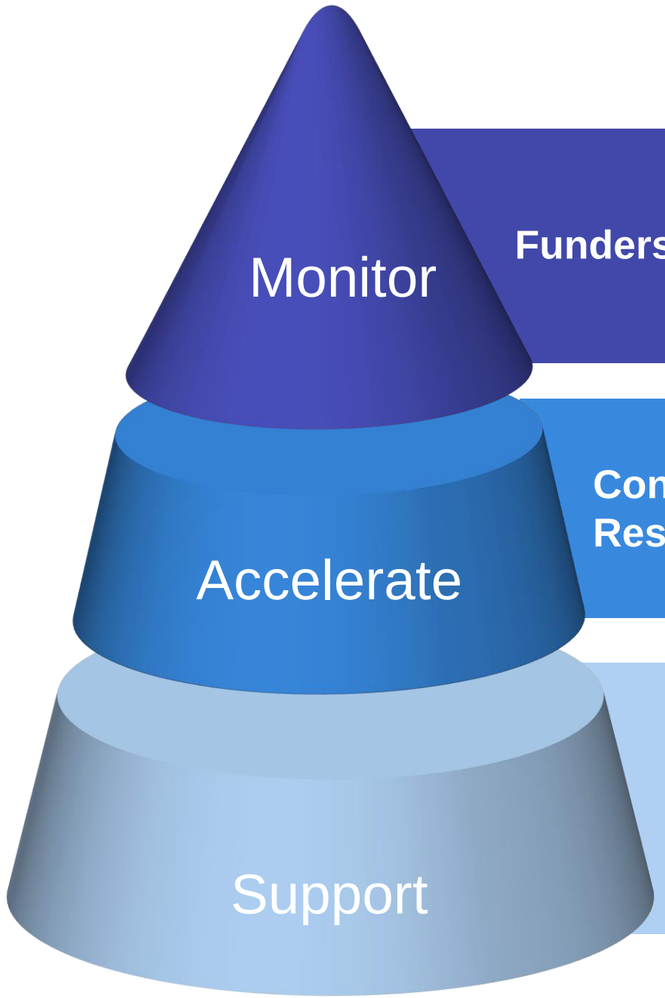
Plan and follow
your data

openaire.eu/argos

+

Services for all actors in research ecosystem

Services for all actors



Funders, institutions, RIs, initiatives, 3rd parties

Research Analytics

Funder Monitoring Dashboard

APIs

Content providers, Research Infras

OpenAIRE PROVIDE

ScholeXplorer

Interoperability Guidelines

Validator

Usage Analytics

OA Broker

Researchers, scientists

OpenAIRE EXPLORE

zenodo

OpenAIRE CONNECT

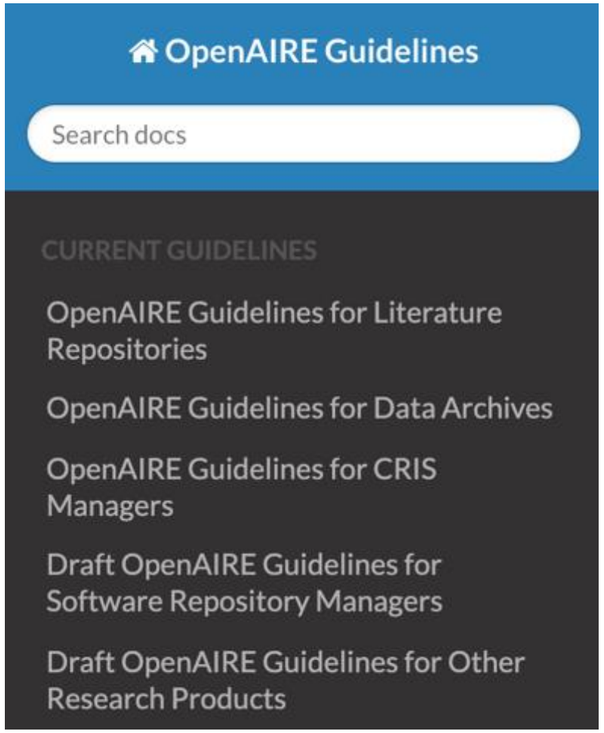
amnesia

ARGOS

Training

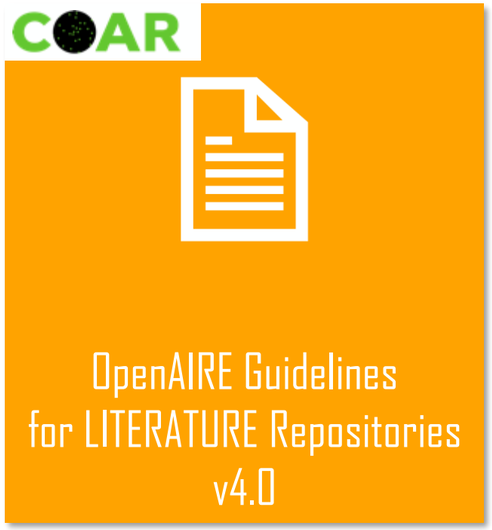
OpenAIRE

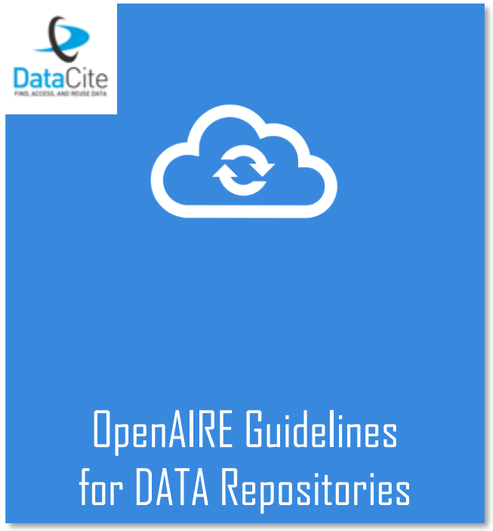
Starting from the basics: How to exchange metadata

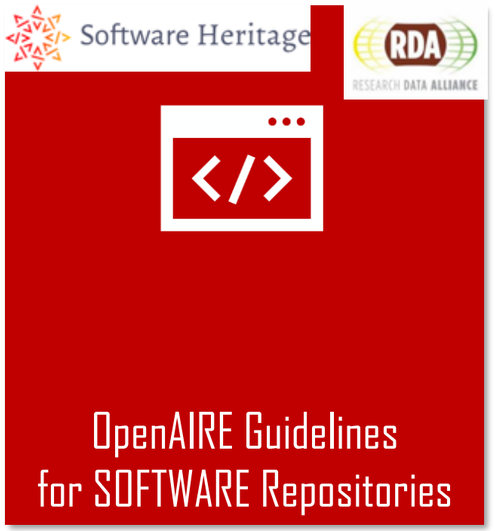


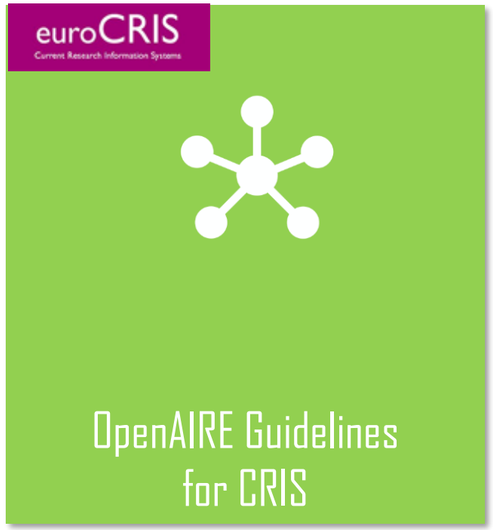
guidelines.openaire.eu

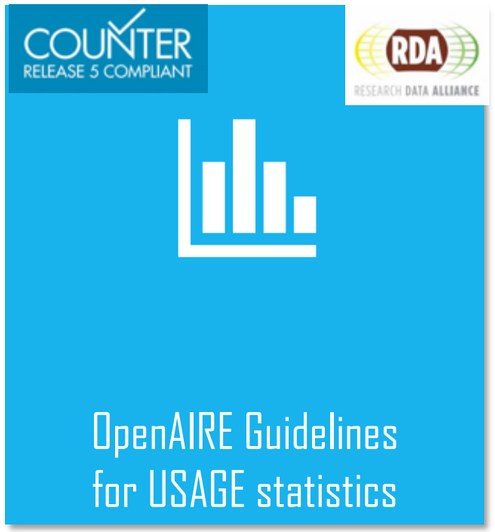
FAIR principles





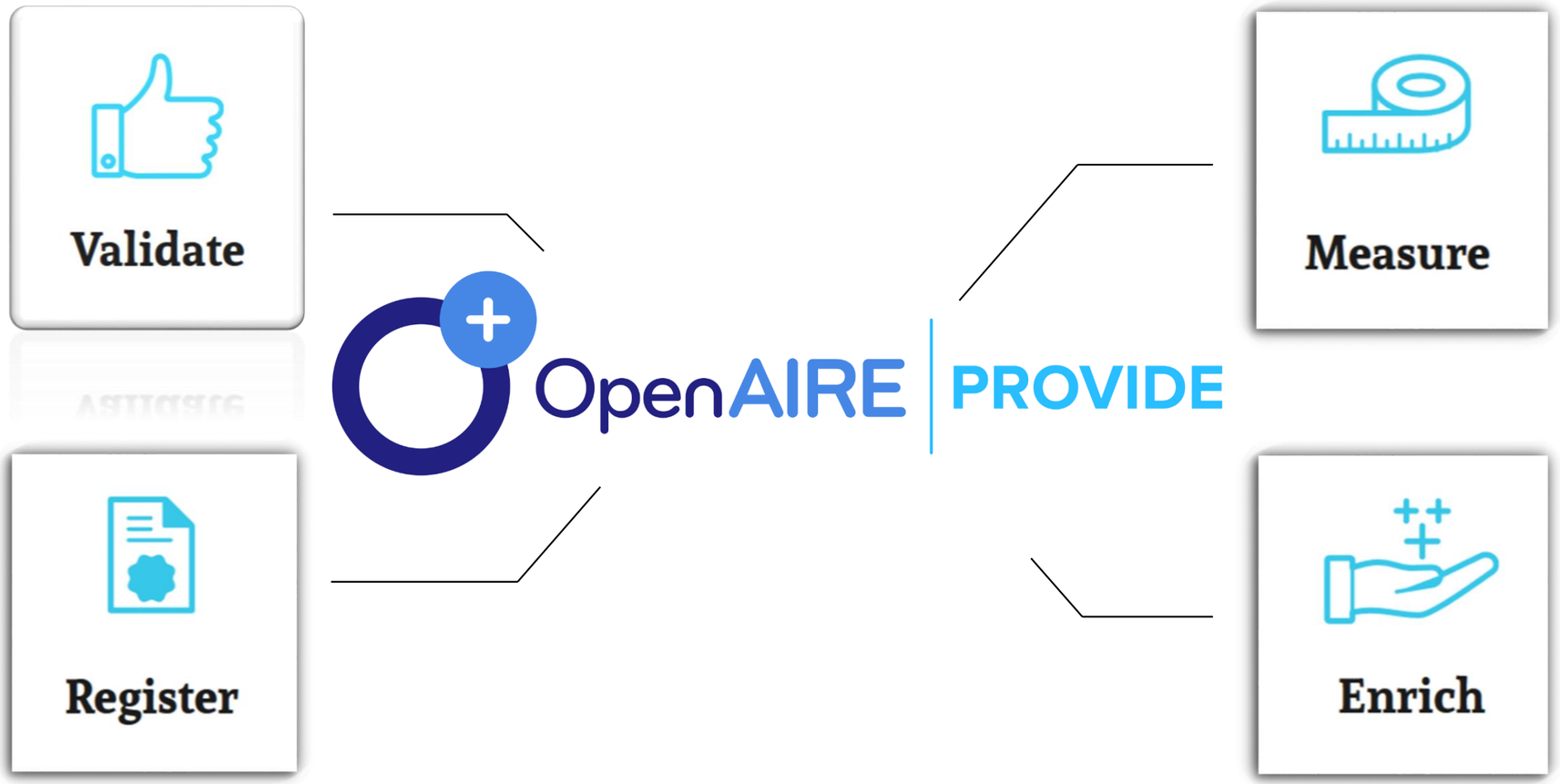






OpenAIRE

OpenAIRE Content Provider Dashboard



One-stop-shop web service where content providers interact with OpenAIRE.

It provides the front-end access to many of OpenAIRE's backend services.

Researcher?

Explore all OA research results. Link all your research. Build your profile

OpenAIRE.EXPLORE

https://explore.openaire.eu

Explore

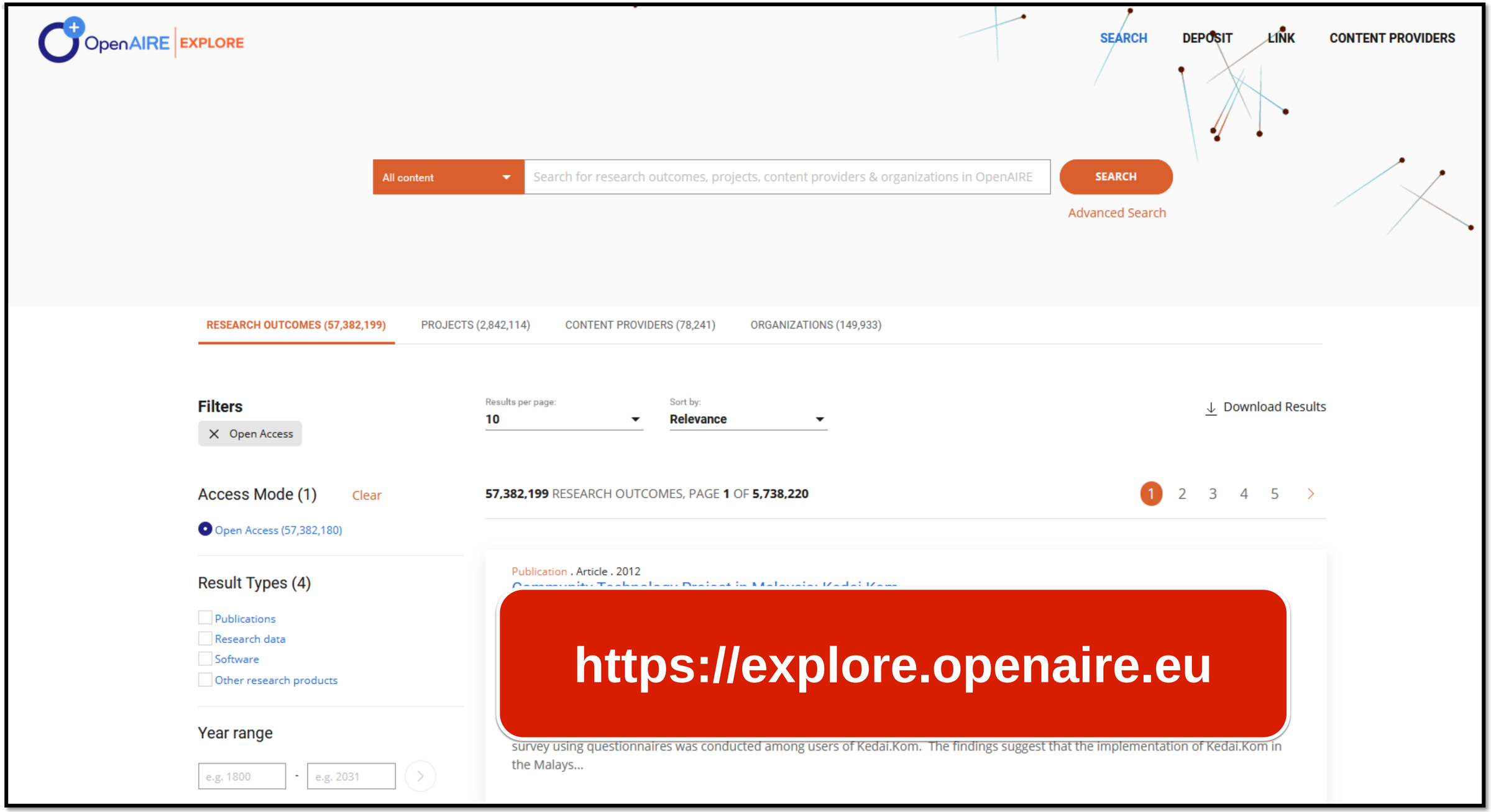
Discover linked open research

Share

Deposit in a repository of your choice

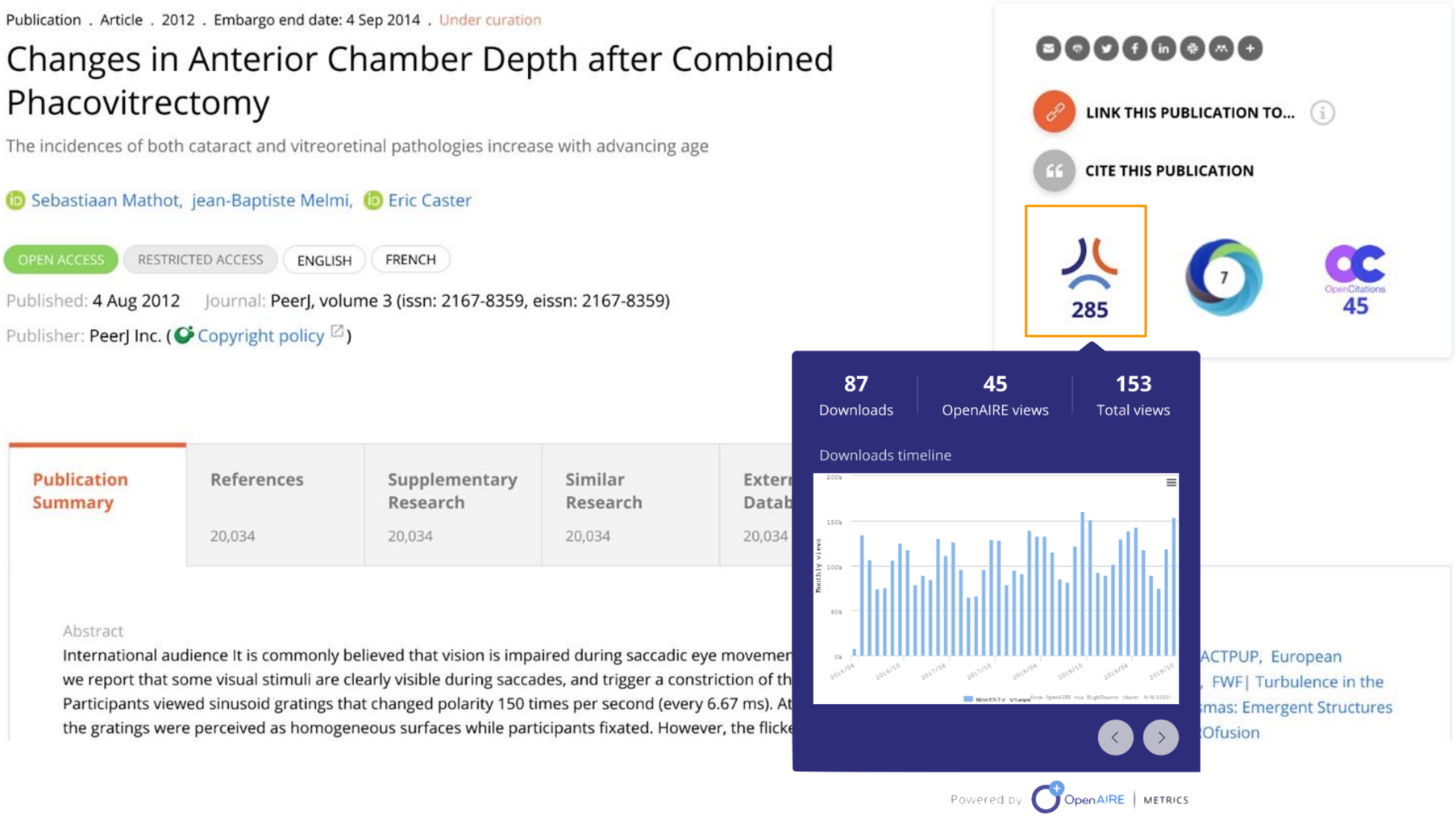
Link

Connect all your research


OpenAIRE EXPLORE
SEARCH
DEPOSIT
LINK
CONTENT PROVIDERS
All content
Search for research outcomes, projects, content providers & organizations in OpenAIRE
SEARCH
Advanced Search
RESEARCH OUTCOMES (57,382,199)
PROJECTS (2,842,114)
CONTENT PROVIDERS (78,241)
ORGANIZATIONS (149,933)
Filters
Open Access
Results per page:
10
Sort by:
Relevance
Download Results
Access Mode (1)
Clear
57,382,199 RESEARCH OUTCOMES, PAGE 1 OF 5,738,220
1 2 3 4 5
Open Access (57,382,180)
Result Types (4)
Publications
Research data
Software
Other research products
Publication . Article . 2012
https://explore.openaire.eu
survey using questionnaires was conducted among users of Kedai.Kom. The findings suggest that the implementation of Kedai.Kom in the Malays...
Year range
e.g. 1800
e.g. 2031

Continuous improvements

Metrics visualization improvement, Open Citations Addition



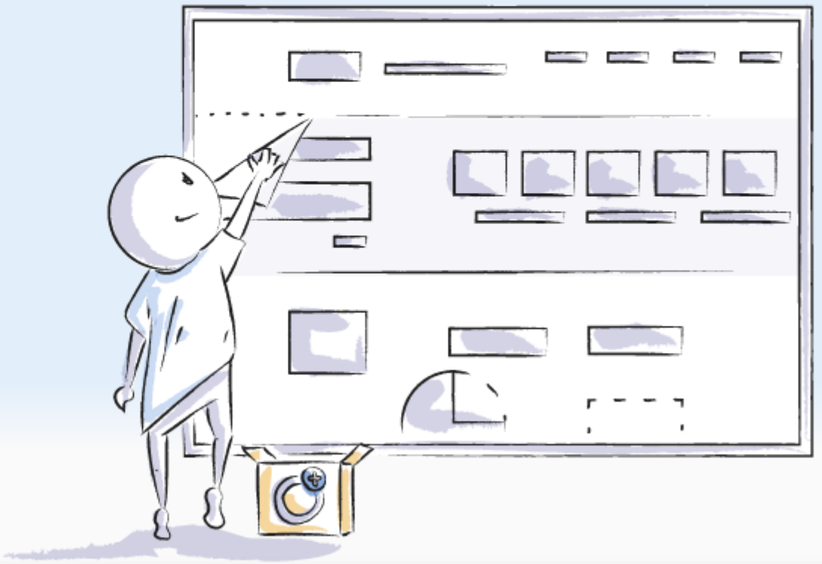
OpenAIRE | CONNECT

ABOUT COMMUNITIES

Build a Gateway for your Community.

Turn Open Science into Practice.
It takes your open and linked research outcomes.
A service customized to your needs.

LEARN HOW



https://connect.openaire.eu/

Community Gateways already in action

Assessing the socio-economic impact of digitalisat ...
The scope of this community is to provide access to publications, research data, projects and software for assessing the...
VISIT

Corona Virus Disease
This portal provides access to publications, research data, projects and software that may be relevant to the Corona Vir...
VISIT

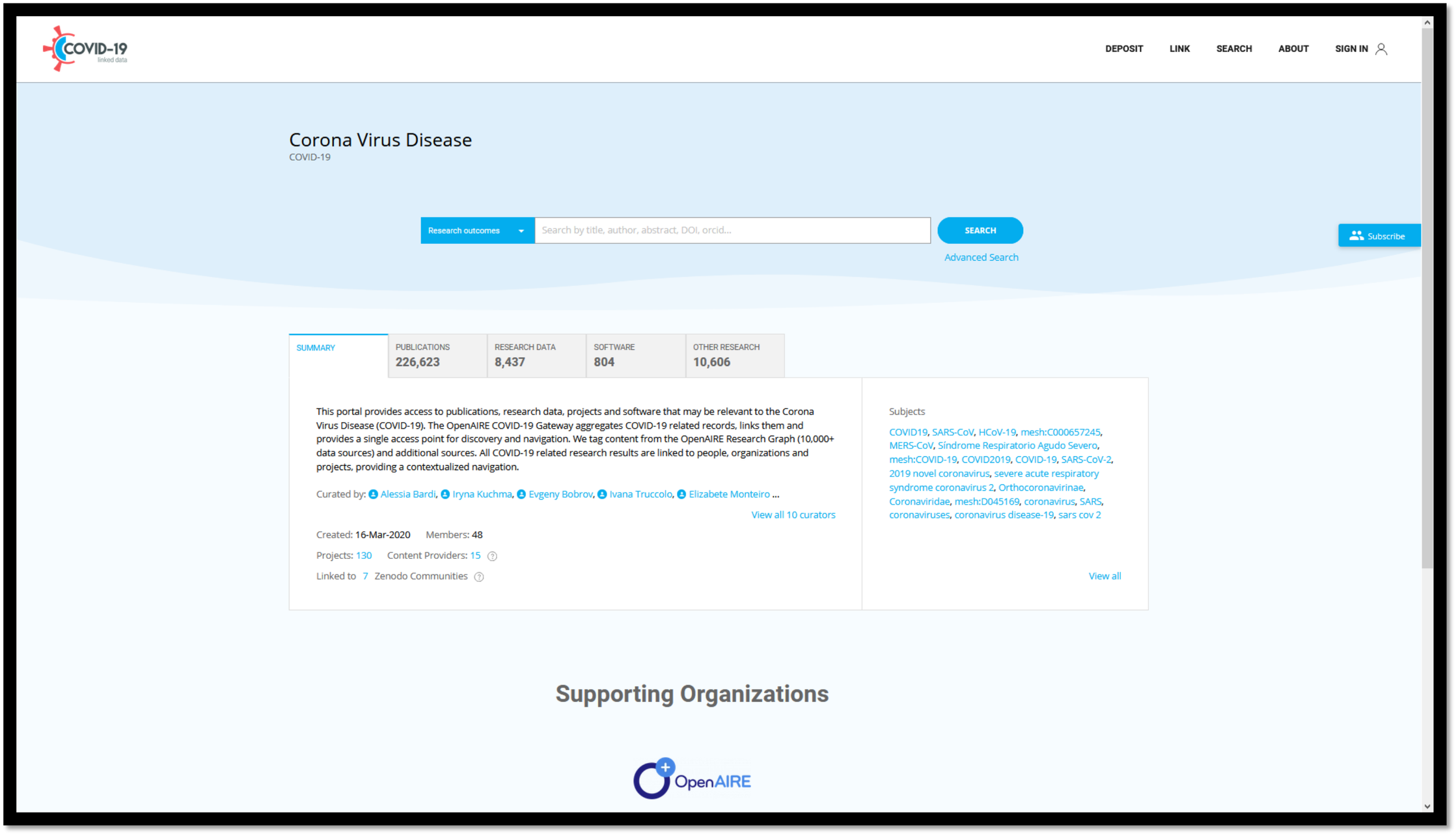
Transport Research
The Transport Research community gateway is supported by the EC H2020 BEOPEN project (824323)
VISIT

Agricultural and Food Sciences
The scope of this community is to provide access to publications, research data, projects and software that are related ...
VISIT

DARIAH EU
The Digital Research Infrastructure for the Arts and Humanities (DARIAH) aims to enhance and support digitally-enabled r...
VISIT

BROWSE ALL

OpenAIRE



https://covid-19.openaire.eu

ARGOS

Create, Link, Share Data Management Plans

argos.openaire.eu

Collaborative workspace to create **Data Management Plans**

Functionalities:

- **Collaborative creation** of DMPs
- **Specific or adaptative DMP templates** for funders or institutions
- **Dataset-based description**
- **DMP export** to several formats (pdf, doc, XML, JSON)
- **REST web services** to allow integration with research infrastructures
- **Public roadmap** for implementation tracking → https://trello.com/b/x49lylnK/argos

OpenAIRE

zenodo

a catch-all-repository

www.zenodo.org

Hosted by **CERN**

Service to publish and share research results (publications, data, software...)

Funcionalities:

- Catch-all repository for EC funded research.
- Open to all types of research results and from all disciplines.
- 50 GB per dataset
- Persistent identifiers (DOIs) attribution and Attribution of user licenses
- Free service for the "long tail of Science".
- Integration with GitHub, allowing the code citation
- Easy to identify the funder institution - European Research Area (H2020, FCT...) OpenAIRE.

OpenAIRE

Zenodo - Research. Shared.

https://zenodo.org

Search

zenodo

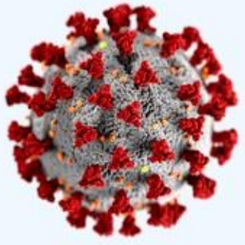
Search

Upload Communities

Log in Sign up

COVID-19 related communities

Need help uploading? Contact us



Coronavirus Disease Research Community - COVID-19

Browse New upload

This community collects research outputs that may be relevant to the Coronavirus Disease (COVID-19) or the SARS-CoV-2. Scientists are encouraged to upload their outcome in this collection to facilitate sharing and discovery of information. Although Open Access articles and datasets are...

Curated by: Covid19_Team_OpenAIRE

Featured uploads related to COVID-19

Want your dataset featured? Contact us

August 12, 2020 (v1.0) Dataset Open Access

OpenAIRE Covid-19 publications, datasets, software and projects metadata.

Bardi, Alessia; Kuchma, Iryna; Brobov, Evgeny; Truccolo, Ivana; Monteiro, Elizabete; Casalegno, Carlotta; Clary, Erin; Romanowski, Andrew; Pavone, Gina; Artini, Michele; Atzori, Claudio; Bäcker, Amelie; Baglioni, Miriam; Czerniak, Andreas; De Bonis, Michele; Dimitropoulos, Harry; Foufoulas, Ioannis; Horst, Marek; Iatropoulou, Katerina; Jacewicz, Przemyslaw; Kokogiannaki, Argiro; La Bruzzo, Sandro; Lazzeri, Emma; Löhden, Aenne; Manghi, Paolo; Mannocci, Andrea; Manola, Natalia; Ottonello, Enrico; Shirrwagen, Jochen

This dump provides access to the metadata records of publications, research data, software and projects that may be relevant to the Corona Virus Disease (COVID-19) fight. The dump contains records...

Uploaded on August 27, 2020

August 12, 2020 (v8-10-2020) Software Open Access

New York Times Coronavirus (Covid-19) Data in the United States

Albert Sun; Tiff Fehr; Archie Tse; Rachel; Wilson Andrews

This is an archived fork of the New York Times Covid-19 data public repo, created August 10th, 2020. It is purely for archiving and citing purposes for academic publication. All work, credit, and...

Uploaded on August 27, 2020

August 13, 2020 (vv1.0) Software Open Access

tsleng93/SocialBubble: SocialBubble

tsleng93; Stefan Flasche

This release contains the underlying code and extended data for the paper "The effectiveness of social bubbles as part of a COVID-19 lockdown exit strategy, a modelling study" by Leng et al.

Uploaded on August 27, 2020

APIs integration with third-party services

EUROPEAN OPEN SCIENCE CLOUD

DARIAH-EU · EGI · EPOS EUROPEAN PLATE OBSERVING SYSTEM · elixir

Research infrastructures

AGINFRA · instruct ERIC · SDSN GREECE · CLARIN Common Language Resources and Technology Infrastructure

ORCID Early 2021

Connecting Research and Researchers

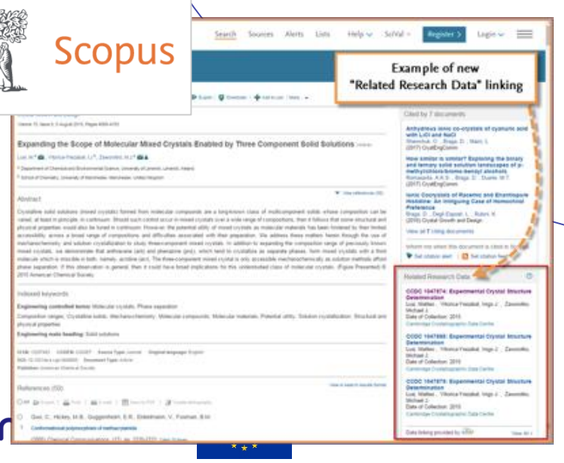
The Graph as EOSC Resource Catalogue

2030 CONNECT

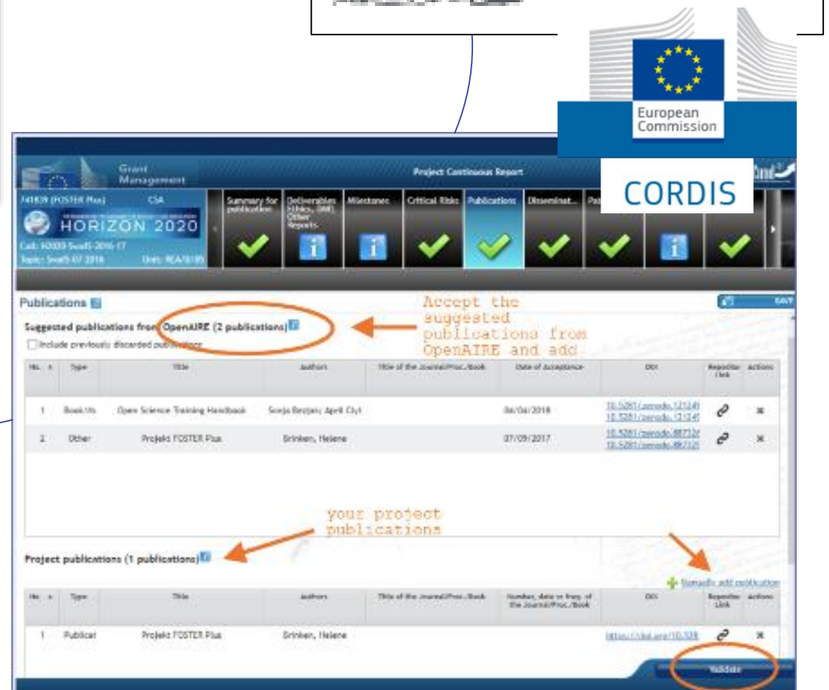
a United Nations online technology platform for the SDGs

OpenAIRE RESEARCH GRAPH

Scopus



Mendeley



4.

Actively participating in the EOSC developments.

OpenAIRE serving Open Science in EOSC

1

Guidelines

Setting compliance of EOSC data sources

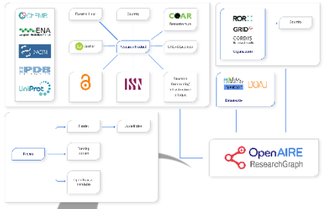
Data Source

PROVIDE

Register
Validate

3

Global sources



EOSC scientific product catalogue

OpenAIRE RESEARCH GRAPH

EUROPEAN OPEN SCIENCE CLOUD

DEVELOP

EXPLORE

MONITOR

5

Funder - Institution – Community OS Monitoring

2

argos

zenodo

amnesia

CONNECT 4

Research Community Gateways

OpenAIRE | CONNECT

European Commission

OpenAIRE AMKE at a glance

Mission: Establish, maintain and operate an open and sustainable **scholarly communication infrastructure** and provide the necessary services, resources and network for supporting a common European e-science environment.

Organization:

- Non-profit
- Incorporated in 2018
- 36 regular members
- 11 Associate members
- From 34 countries

OpenAIRE CONNECT

Thank you!

www.openaire.eu

@openaire_eu

facebook.com/groups/openaire

Pedro.principe@usdb.uminho.pt