

Portfolio **MONITOR**

Brief presentation of the five OpenAIRE services that allow funders, institutions and research communities to monitor their research results and particularly their open science practices.

OpenAIRE Research Graph, Claudio Atzori (CNR-ISTI)

Service: **MONITOR Dashboard**, Ioanna Grypari (Athena RC)

Service: **Scholexplorer**, Sandro La Bruzzo (CNR-ISTI)

Service: **OpenCitations**, Silvio Peroni (University of Bologna)

Service: **OpenAPC**, Jochen Schirrwagen (University of Bielefeld)

Service: **UsageCounts**, Dimitris Pierrakos (Athena RC)



Claudio Atzori

**Institute for Information Science and Technologies "Alessandro
Faedo" – National Research Council (ISTI-CNR)**

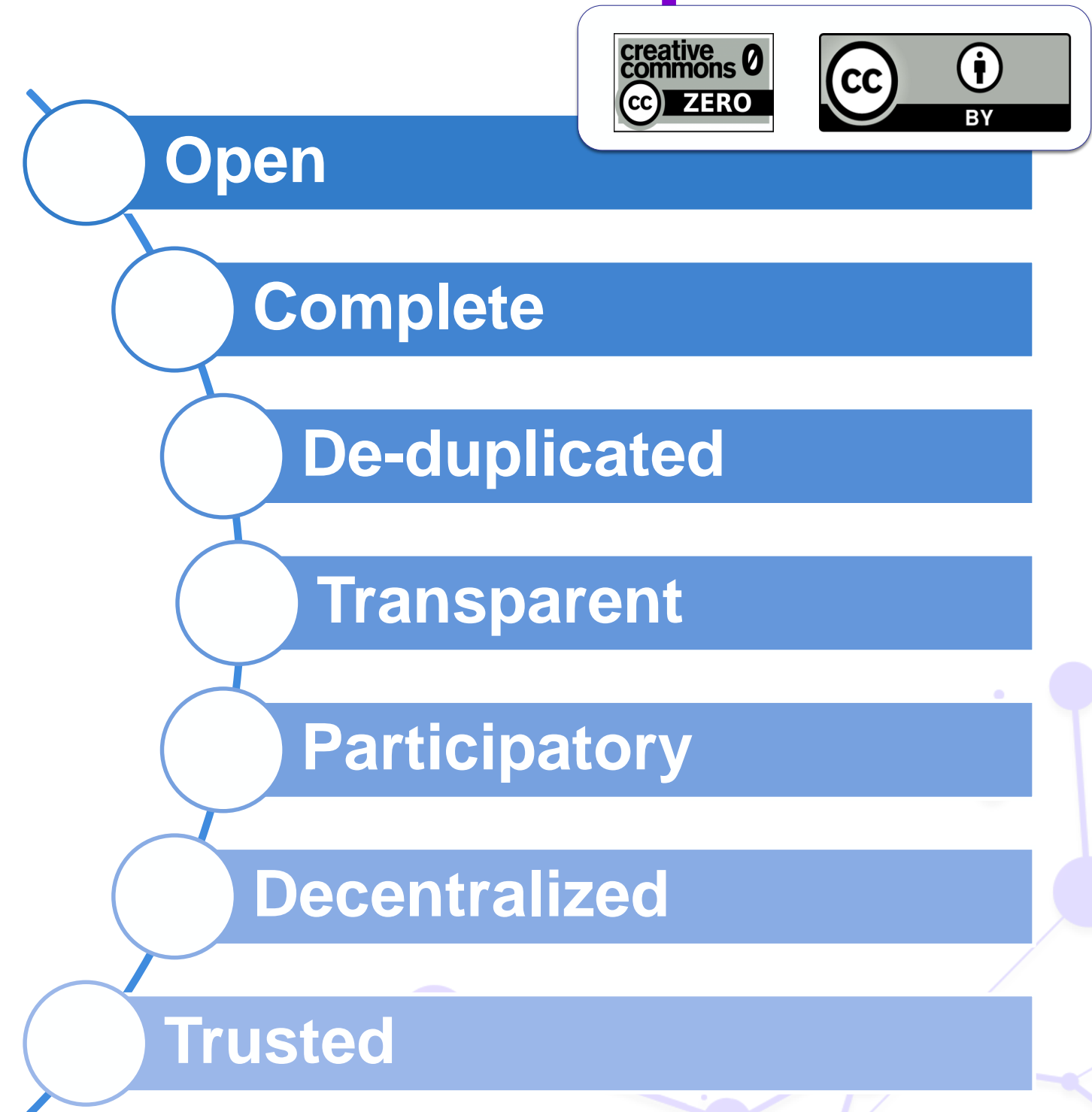


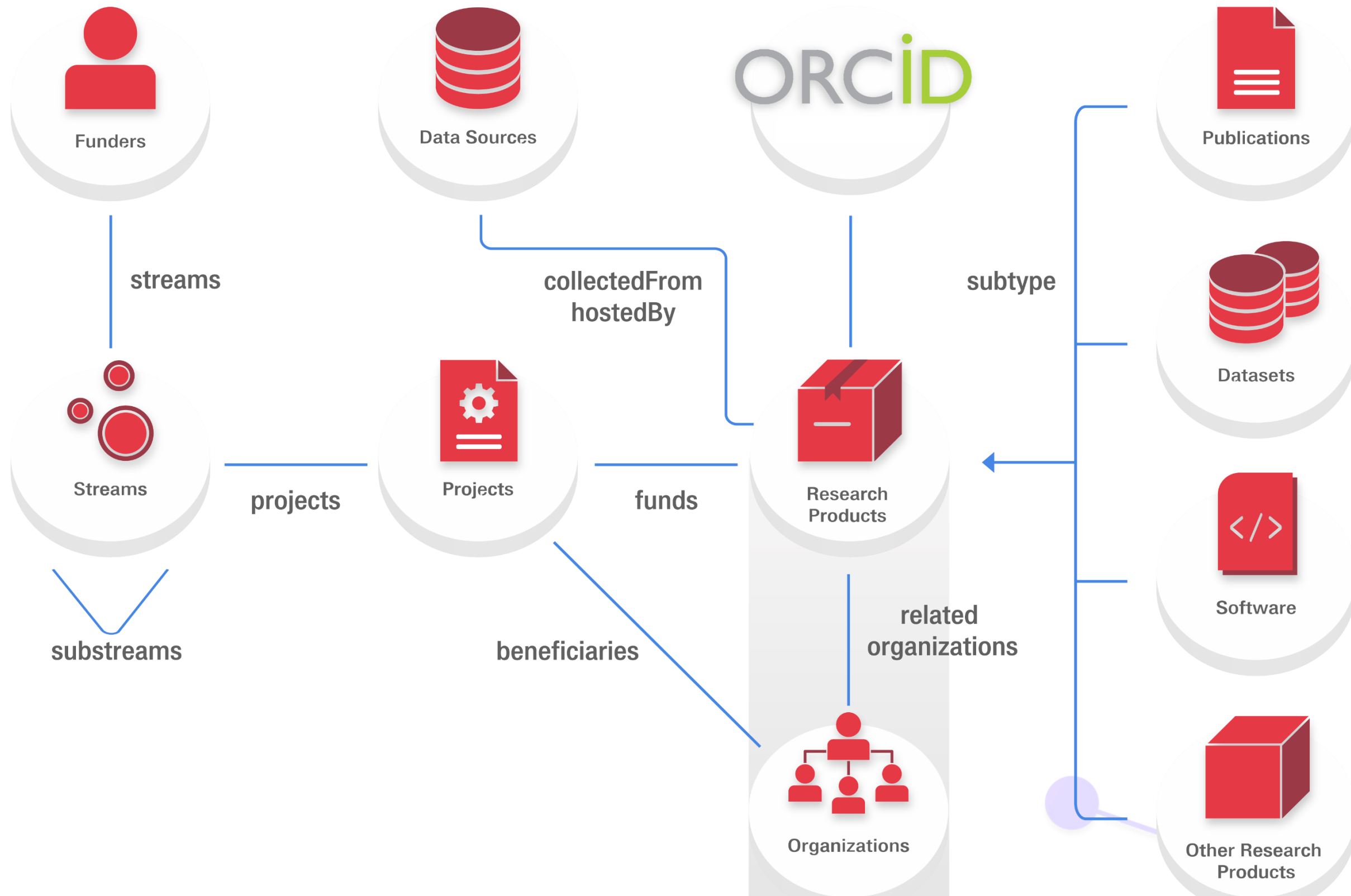
Putting research into context, making the
connections

Overview of the OpenAIRE Research Graph



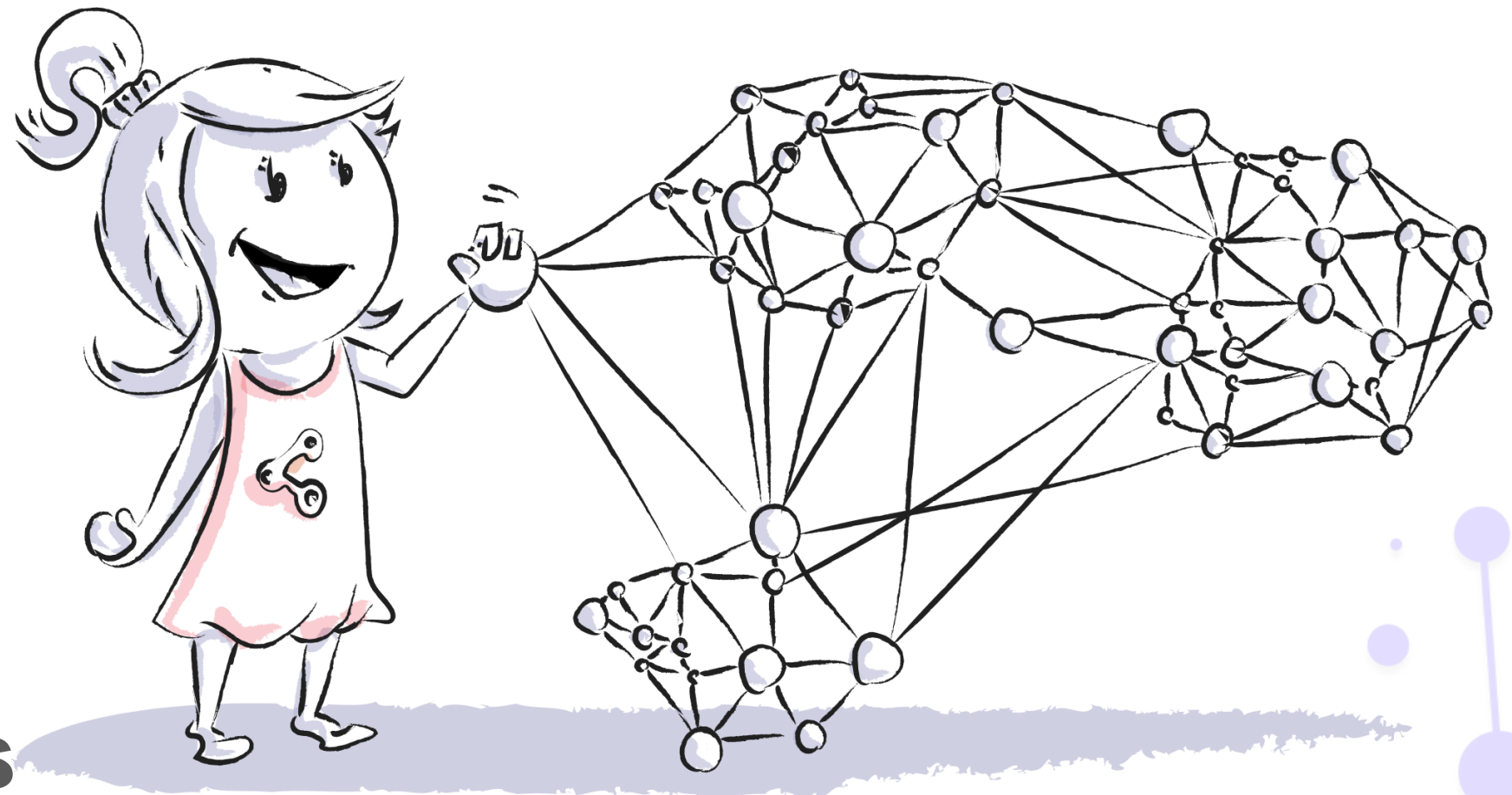
“A collection of metadata describing **objects** in the research lifecycle and **relationships** among them”





OpenAIRE Research Graph in numbers

- **23** funders
- **78k** content providers
- **3Mi** projects
- **123Mi** publications
- **216k** software
- **14Mi** research data
- **8Mi** other research products



Why to use OpenAIRE Research Graph



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



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



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

OpenAIRE Research Graph by whom

The OpenAIRE Research Graph is used by:

- content providers, publishers, funders, institutions, research infrastructures, policy makers, industry, researchers, data scientists

How to use OpenAIRE Research Graph

Programmatic access to the Graph

- through **api.openaire.eu**
- as data **dumps** on **Zenodo**
 - Funded products
 - RI & RC related products
 - COVID-19 related products
 - Scholix links from ScholExplorer
 - Linked Open Data
 - Complete Graph (incl. products, data sources, organizations, projects)

The OpenAIRE APIs allow developers to access the metadata information space of OpenAIRE programmatically.

If you have any question, please open a ticket to the [OpenAIRE Helpdesk](#).

Broker

New!

[Documentation](#)

[Swagger](#)

Bulk access

[OpenAIRE Research](#)

[Graph Dumps](#)

[OAI-PMH](#)

[Bulk access to projects](#)

Selective access

[Publications](#)

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[Software](#)

[Other Research Products](#)

[Projects](#)

Linked Open Data

[Documentation](#)

[OpenAIRE LOD Ontology](#)












[OpenAIRE RDF dump](#)

[SPARQL endpoint](#)

November 19, 2020

Dataset Open Access

OpenAIRE Research Graph Dump

 Manghi, Paolo;  Atzori, Claudio;  Bardi, Alessia;  Baglioni, Miriam; Schirrwagen, Jochen; Dimitropoulos, Harry;  La Bruzzo, Sandro; Foufoulas, Ioannis; Löhden, Aenne;  Bäcker, Amelie;  Mannocci, Andrea; Horst, Marek; Jacewicz, Przemyslaw;  Czerniak, Andreas; Kiatropoulou, Katerina;  Kokogiannaki, Argiro; De Bonis, Michele; Artini, Michele; Ottonello, Enrico; Lempesis, Antonis; Ioannidis, Alexandros;  Manola, Natalia;  Principe, Pedro

The OpenAIRE Research Graph is exported as several dumps, so you can download the parts you are interested into.

publication_[part].tar: metadata records about research literature (includes types of publications listed [here](#))

dataset.tar: metadata records about research data (includes the subtypes listed [here](#))

software.tar: metadata records about research software (includes the subtypes listed [here](#))

otherresearchproduct.tar: metadata records about research products that cannot be classified as research literature, data or software (includes types of products listed [here](#))

organization.tar: metadata records about organizations involved in the research life-cycle, such as universities, research organizations, funders., **datasource.tar**: metadata records about providers whose content is available in the OpenAIRE Research Graph. They includes institutional and thematic repositories, journals, aggregators, funders' databases.

project.tar: metadata records about projects funded by a given funder.

relation_[part].tar: metadata records about relations between entities in the graph.

communities_infrastructures.tar: metadata records about research communities and research infrastructures

Each file is a tar archive containing gz files, each with one json per line. Each json is compliant to the schema available at [10.5281/zenodo.4238939](https://zenodo.org/record/4238939). Learn more about the OpenAIRE Research Graph at <https://graph.openaire.eu>.

1,993

views

1,561

downloads

[See more details...](#)

Indexed in

OpenAIRE

Publication date:

November 19, 2020

DOI:DOI [10.5281/zenodo.4279381](https://doi.org/10.5281/zenodo.4279381)**Keyword(s):**

Open Science

Scholarly Communication




Information Science

Grants:European Commission:

- OpenAIRE-Advance - OpenAIRE Advancing Open Scholarship (777541)
- BE OPEN - European forum and oBsEratory for OPEN science in transport (824323)
- RISIS 2 - European Research Infrastructure for Science, technology and Innovation policy Studies 2 (824091)

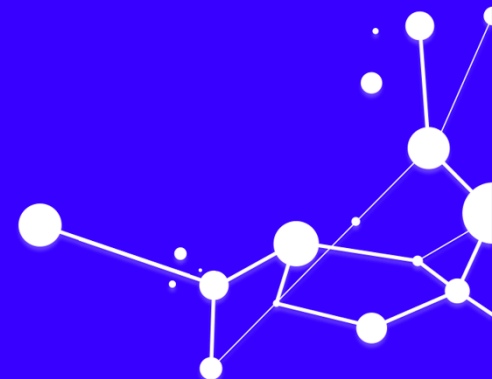
Files (121.4 GB)



Name	Size	
communities_infrastructures.tar	8.7 kB	 Download
md5:294ef84da91511c6752495d2b3e47728 		
dataset_1.tar	8.7 GB	 Download
md5:f8902b342331699d8af7bb85980404d0 		



Positioning in EOSC & OpenAIRE Ecosystem



Data sources

Aggregation

Integration of additional scholarly communication sources

Metadata, relationships Relationships Metadata

Collection and harmonisation

Deduplication

Different records representing the same entity (results or organisation) are merged in one

Metadata records corresponding to equivalent objects are merged. Pre-print, post-print, published versions are considered equivalent for stats & monitoring purposes

Inference of new properties and links via full-text mining

Inference of new properties and links from meta-data

Enrichment

Post-cleaning

Final cleaning step to harmonize values according to controlled vocabularies

indexing

stats analysis

USAGE ANALYTICS
Make your content count



provide.openaire.eu

OpenAIRE | **MONITOR**
Simplify research tracking
& monitoring



monitor.openaire.eu

Scholeplorer
Interlinking data
and publications



scholexplorer.openaire.eu

OA BROKER
Routing information
across content providers



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OpenAIRE | **CONNECT**
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Gateway for your community



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OpenAIRE
ResearchGraph



amnesia
Anonymize your datasets




amnesia.openaire.eu

zenodo
a catch-all-repository



www.zenodo.org

argos
Plan and follow
your data



openaire.eu/argos

OpenAIRE | **EXPLORE**
Discover and share research



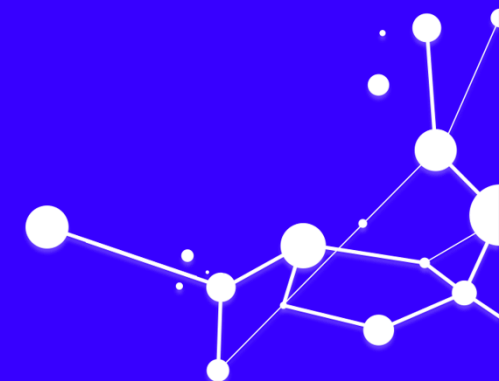
explore.openaire.eu

OpenAIRE | **DEVELOP**
APIs to access the
OpenAIRE Research Graph



develop.openaire.eu

Take away



Takeaway

The OpenAIRE Research Graph is

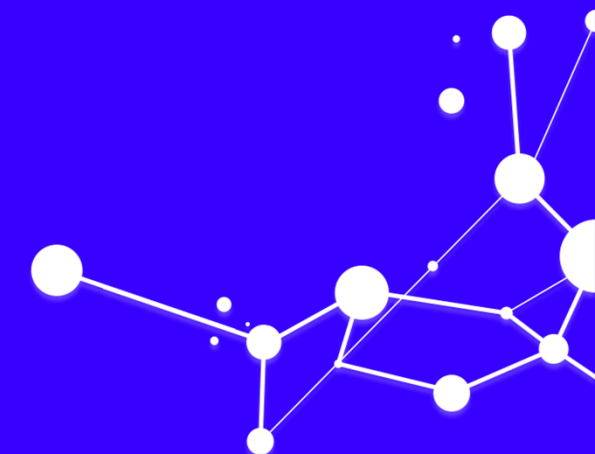
- an **open metadata** collection of interlinked **scientific products**, with **Open Access information**, linked to **funding information**, **research communities**, and more ...
- the ground on top of which different services in the OpenAIRE portfolio are built
- find more @ <https://graph.openaire.eu>



@openaire_eu
#OpenAIRE-Nexus

THANK YOU

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Ioanna Grypari
ATHENA Research Center

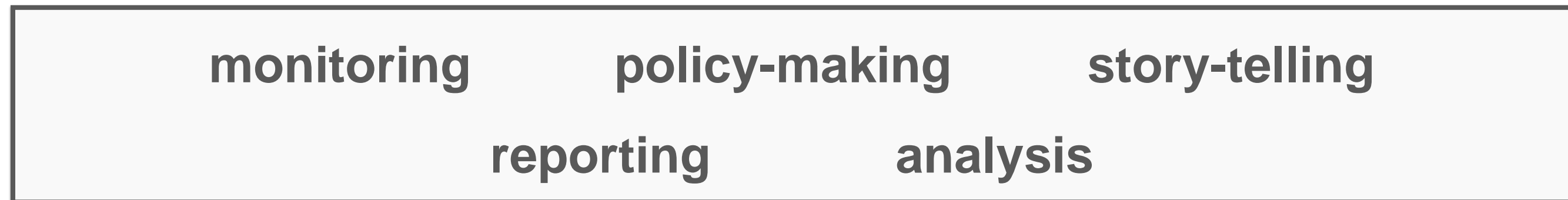


Tailor-made monitoring and impact assessment
of research activities

Overview of OpenAIRE MONITOR

A monitoring tool where stakeholders can

- **create** their own customizable monitoring dashboard
 - to **track** research activities (e.g. projects) and their **impact** (across multiple dimensions), or
- **view** the (public) dashboards of other stakeholders



Why to use OpenAIRE MONITOR

A highly **customizable, user-friendly** monitoring tool that allows you to

- select **well-documented, timely, reliable** indicators based on the
 - with **downloadable** data and visualizations
- invite **team-members** to view or edit your dashboard
- separate
 - **private indicators** for internal monitoring
 - **public indicators** for external stakeholders
- browse, download and compare indicators of **other stakeholders**



stakeholders

funders

policy-makers

research administrators

institutions

How to use OpenAIRE MONITOR



0. Starting from the OpenAIRE RESEARCH GRAPH



1. Provide us some information



2. We get the ball rolling



3. You validate



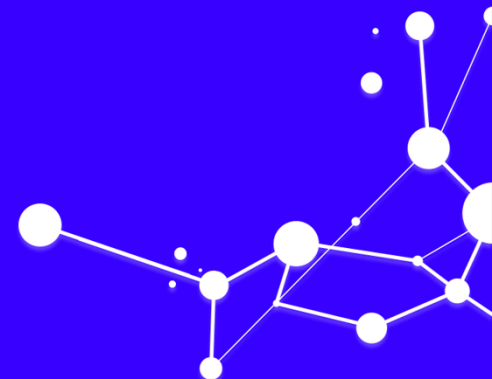
4. You set up your portal

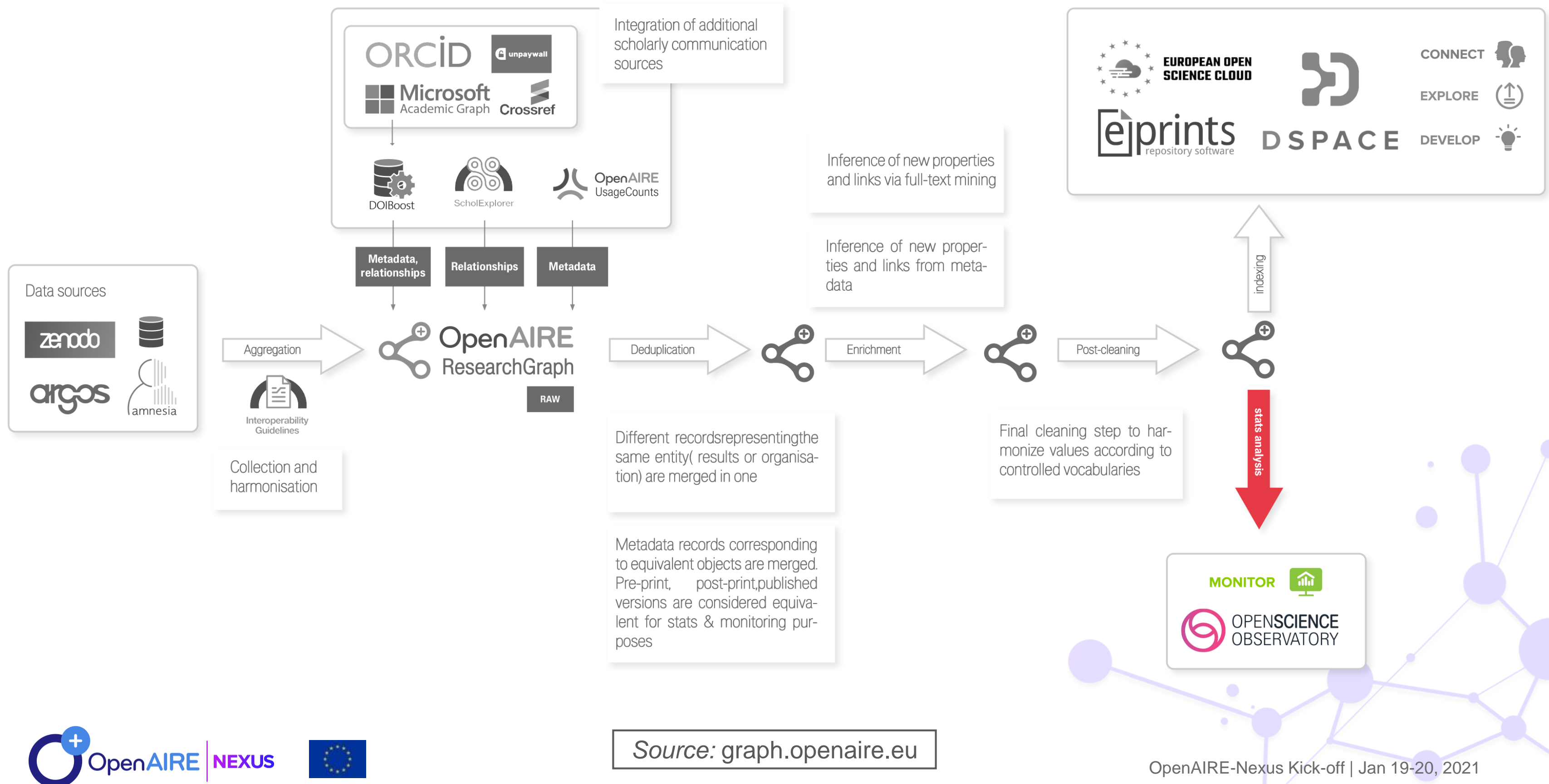


5. You track, monitor, report

Visit: monitor.openaire.eu

Positioning in EOSC & OpenAIRE Ecosystem







STARTING from existing research-related data sources

we →

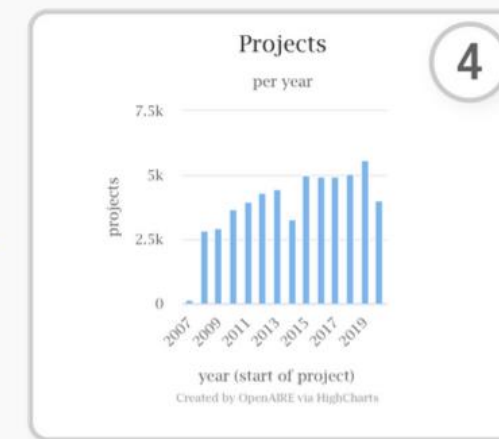


and →



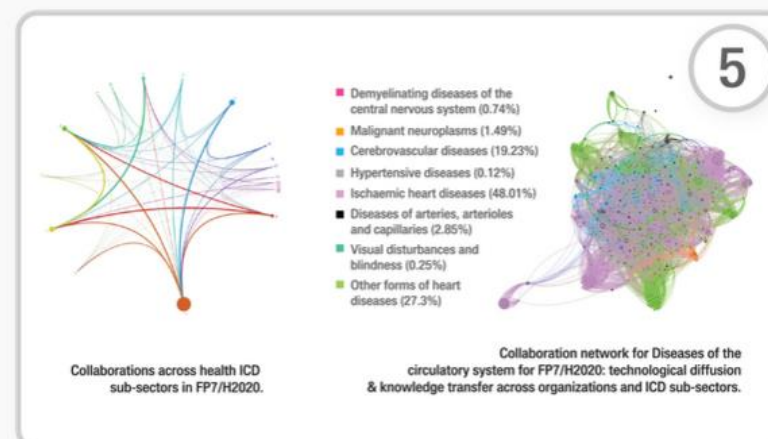
build an open, global and trusted Research graph

on which ↓



we perform **STATISTICAL ANALYSIS** and produce **Open Science Indicators**

and ←



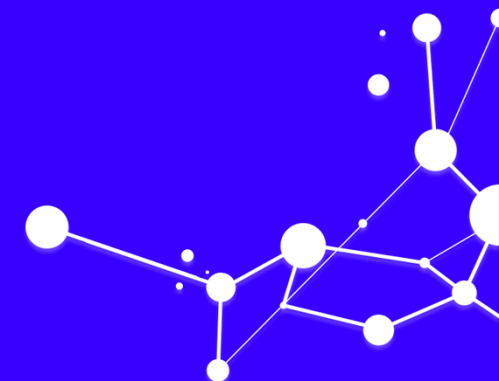
furthermore **NETWORK ANALYSIS** producing **Collaboration Indicators**

We ←



Often combine with external data (patents, social, company) and perform **IMPACT ANALYSIS** to produce **Innovation Indicators**

Take away

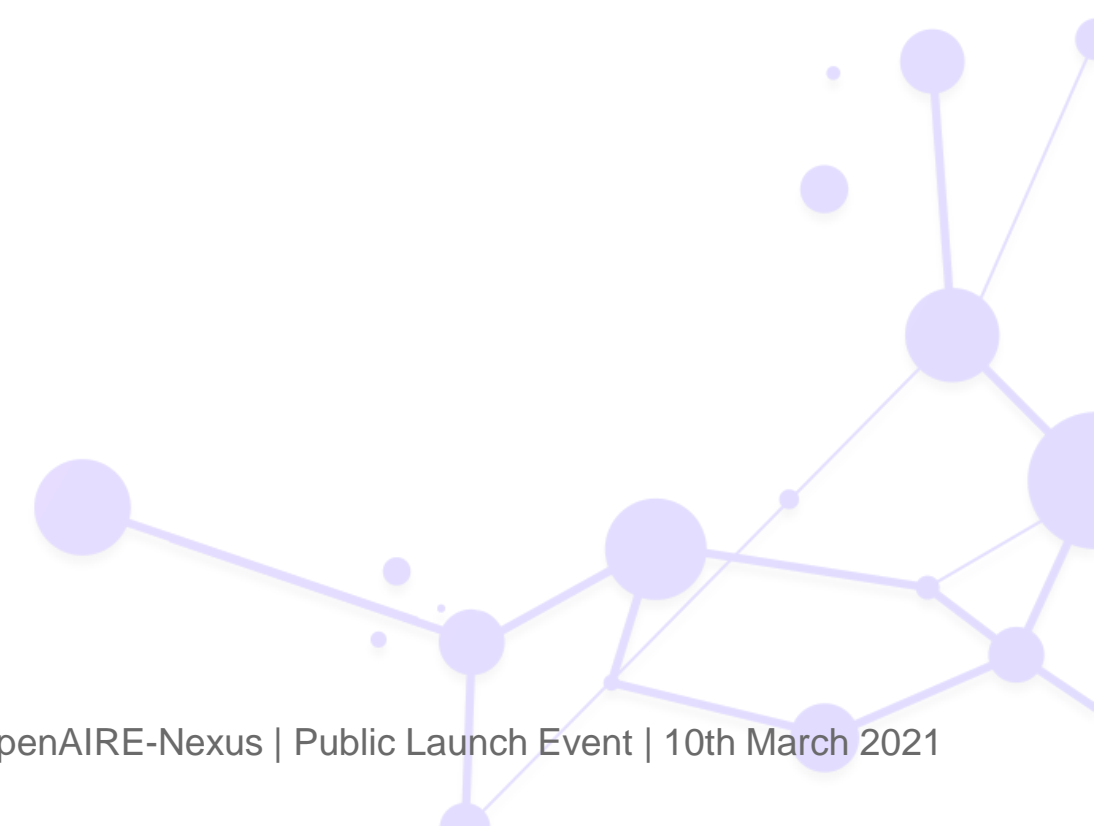


Takeaway

OpenAIRE MONITOR

A tailor-made monitoring dashboard, for **impact assessment of research activities**

monitor.openaire.eu

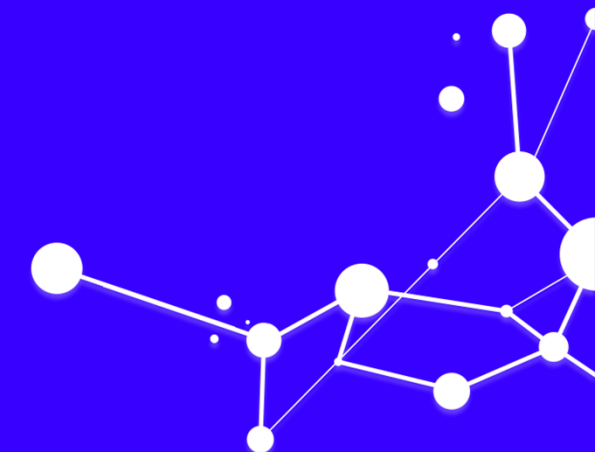




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Institute of Information Science and Technologies
"Alessandro Faedo" – National Research Council (ISTI-CNR)

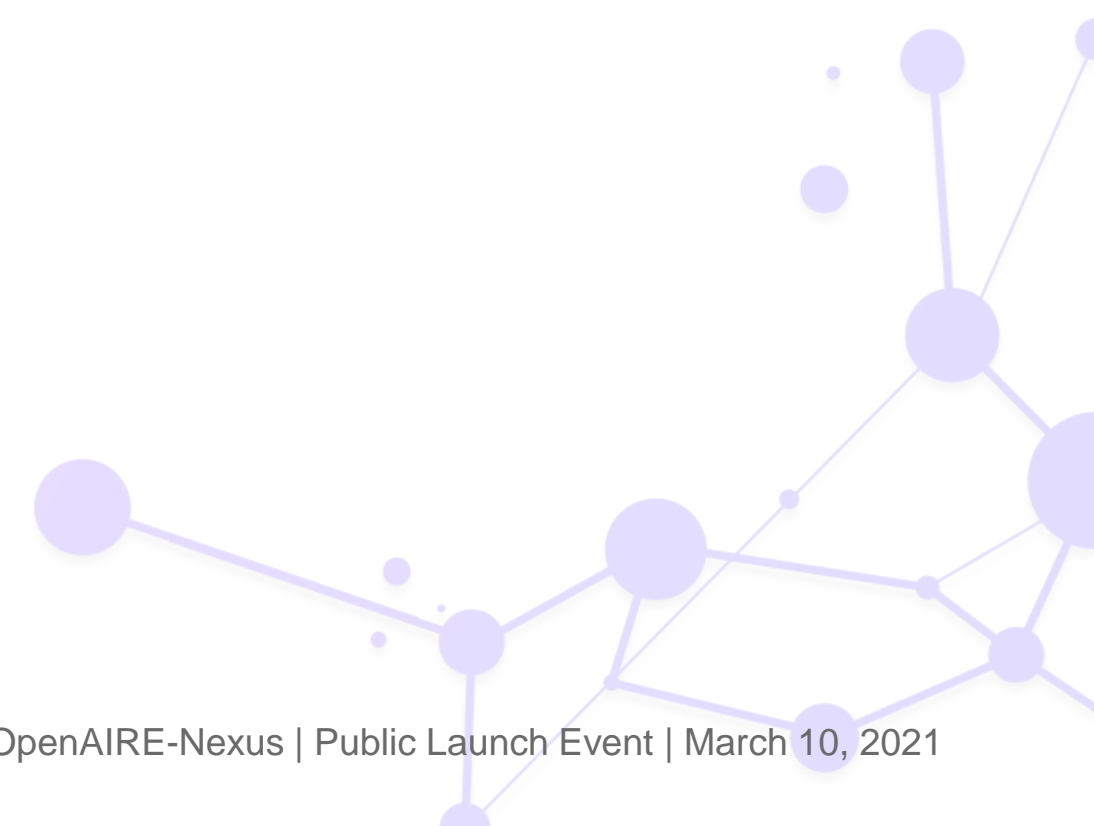


The Data Literature Interlinking Service

What is Scholexplorer

- A service that provides access to a graph of **links** between datasets and literature objects
- Link metadata is harvested from scholarly communication data sources, to be **resolved**, **harmonised**, and **de-duplicated**
- Links are exported using the standard **Scholix.org**
- The service is accessible via Rest API, **free at the point of use**

SCHOLIX 



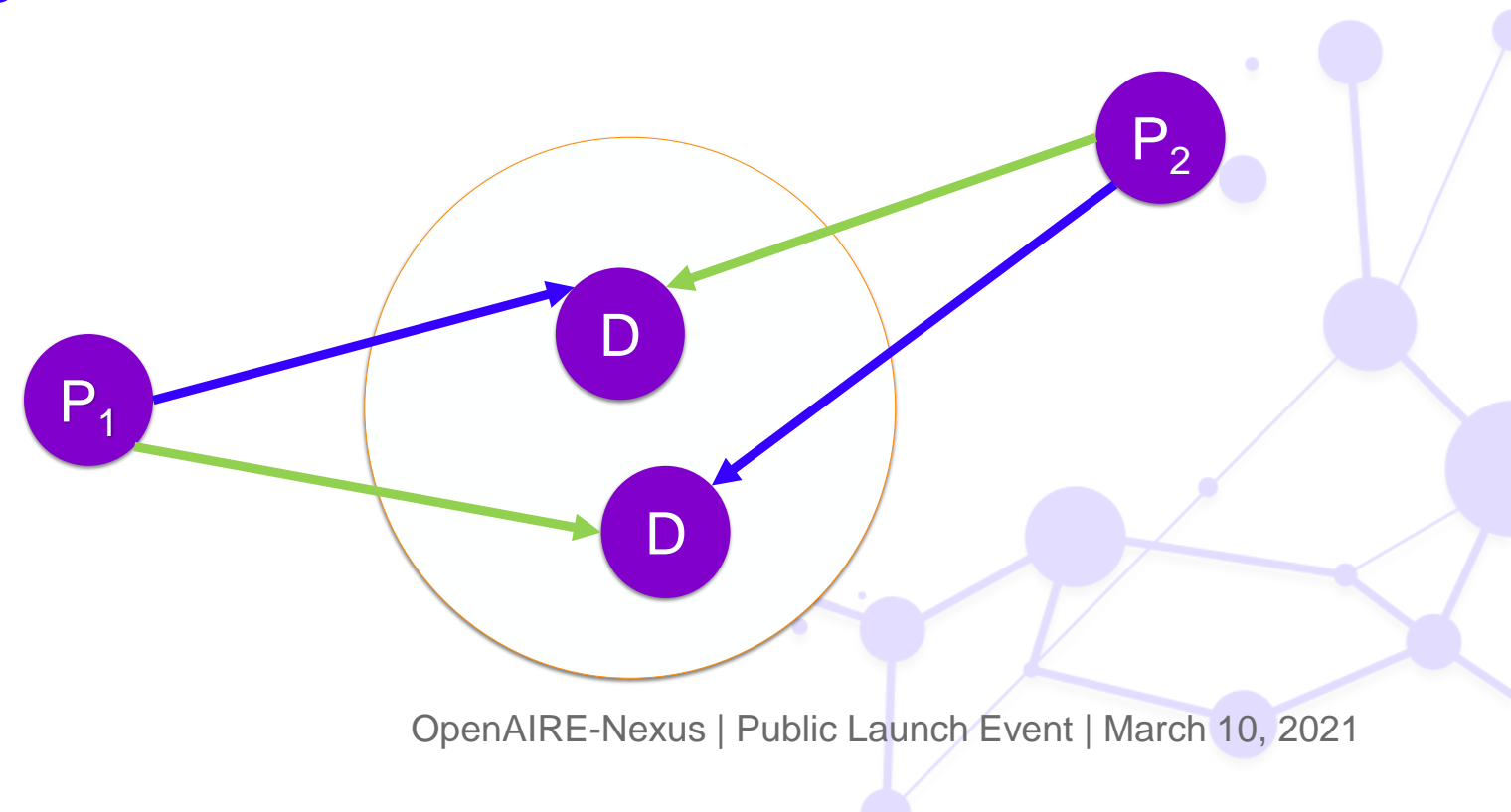
Why use Scholexplorer

Problem: Linking Research Data with the Literature is of great value, yet current solutions are not realizing the potential

- Many non-interoperable sources (publishers, data centers, repositories, infrastructure providers, ...)
- Heterogeneity of practices, for example:
 - Different PID systems (DOI, accession numbers)
 - Different ways of referencing data (formal citations, in-text references, etc.)
 - Different moments of citing data (at publication, post publication, etc.)

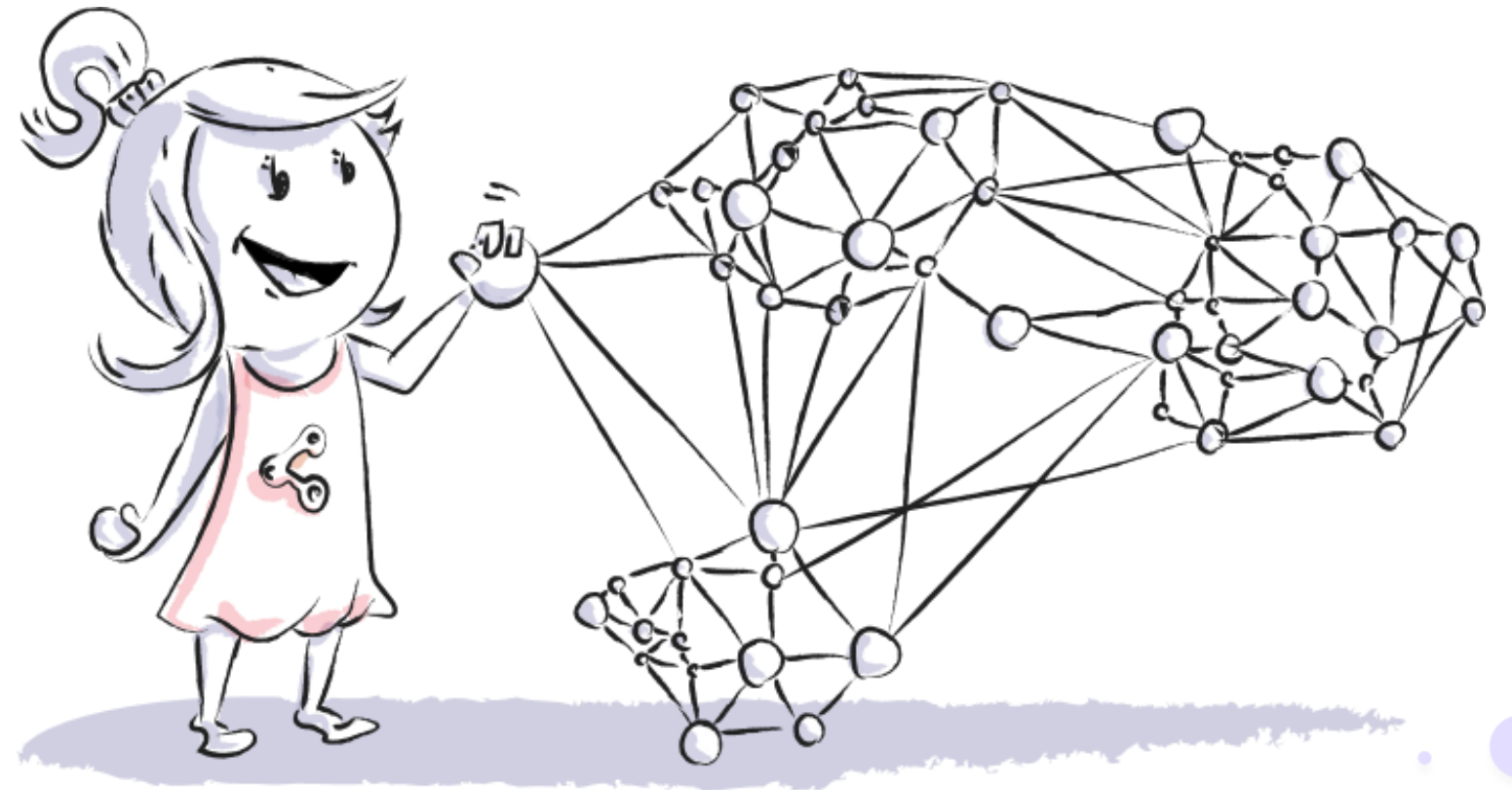
Who is it for

- **Scholarly Communication Data sources to**
 - Share links with any consumer
 - Link their objects to others by induction (i.e., via links made available by other data sources)
- **Clients (3rd services) to resolve on the fly PIDs to identify related research products, counting on**
 - Resolution persistent identifier in extracted links
 - De-duplication of objects



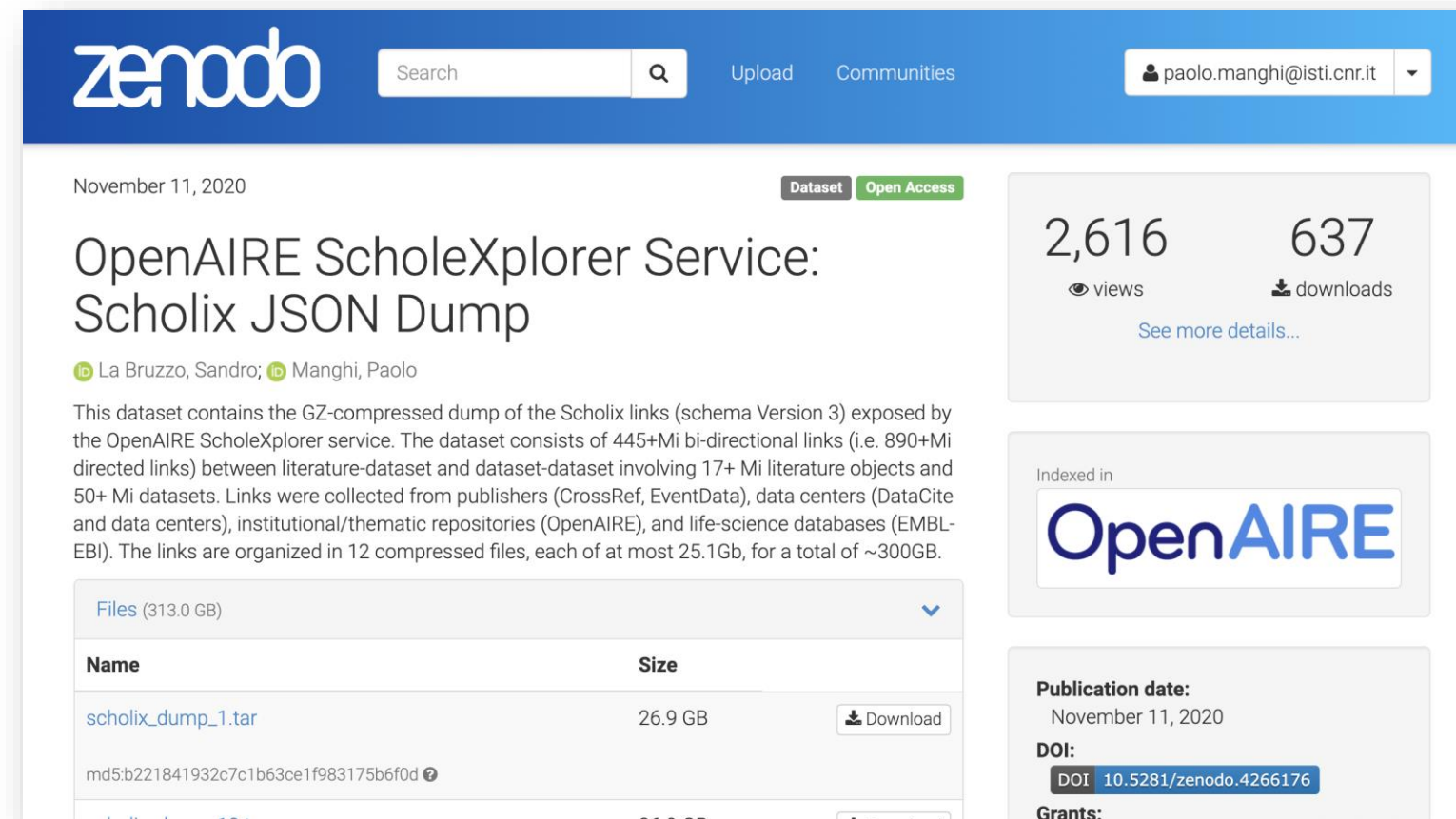
Some numbers

- **22** Data sources
- **55M** Datasets
- **37M** Publications
- **900M** Scholix relationships



How to use Scholexplorer

- Through api.scholexplorer.openaire.eu
 - 10M requests per day
- As data **dumps** on Zenodo



The screenshot shows the Zenodo interface for a dataset. At the top, the Zenodo logo is on the left, and a search bar, 'Upload' button, 'Communities' link, and user profile 'paolo.manghi@isti.cnr.it' are on the right. The dataset title is 'OpenAIRE ScholeXplorer Service: Scholix JSON Dump', dated November 11, 2020, with 'Dataset' and 'Open Access' tags. It shows 2,616 views and 637 downloads. The authors are La Bruzzo, Sandro and Manghi, Paolo. The description states the dataset contains a GZ-compressed dump of Scholix links (schema Version 3) from the OpenAIRE ScholeXplorer service, consisting of 445+ million bi-directional links between literature-dataset and dataset-dataset involving 17+ million literature objects and 50+ million datasets. The links are organized in 12 compressed files, each at most 25.1Gb, for a total of ~300GB. A table lists the files, with 'scholix_dump_1.tar' being 26.9 GB. The dataset is indexed in OpenAIRE. The publication date is November 11, 2020, and the DOI is 10.5281/zenodo.4266176.

zenodo Search Upload Communities paolo.manghi@isti.cnr.it

November 11, 2020 Dataset Open Access

OpenAIRE ScholeXplorer Service: Scholix JSON Dump

2,616 views 637 downloads

See more details...

Indexed in OpenAIRE

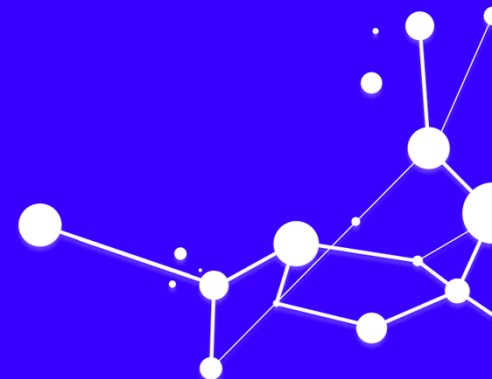
Publication date: November 11, 2020

DOI: DOI 10.5281/zenodo.4266176

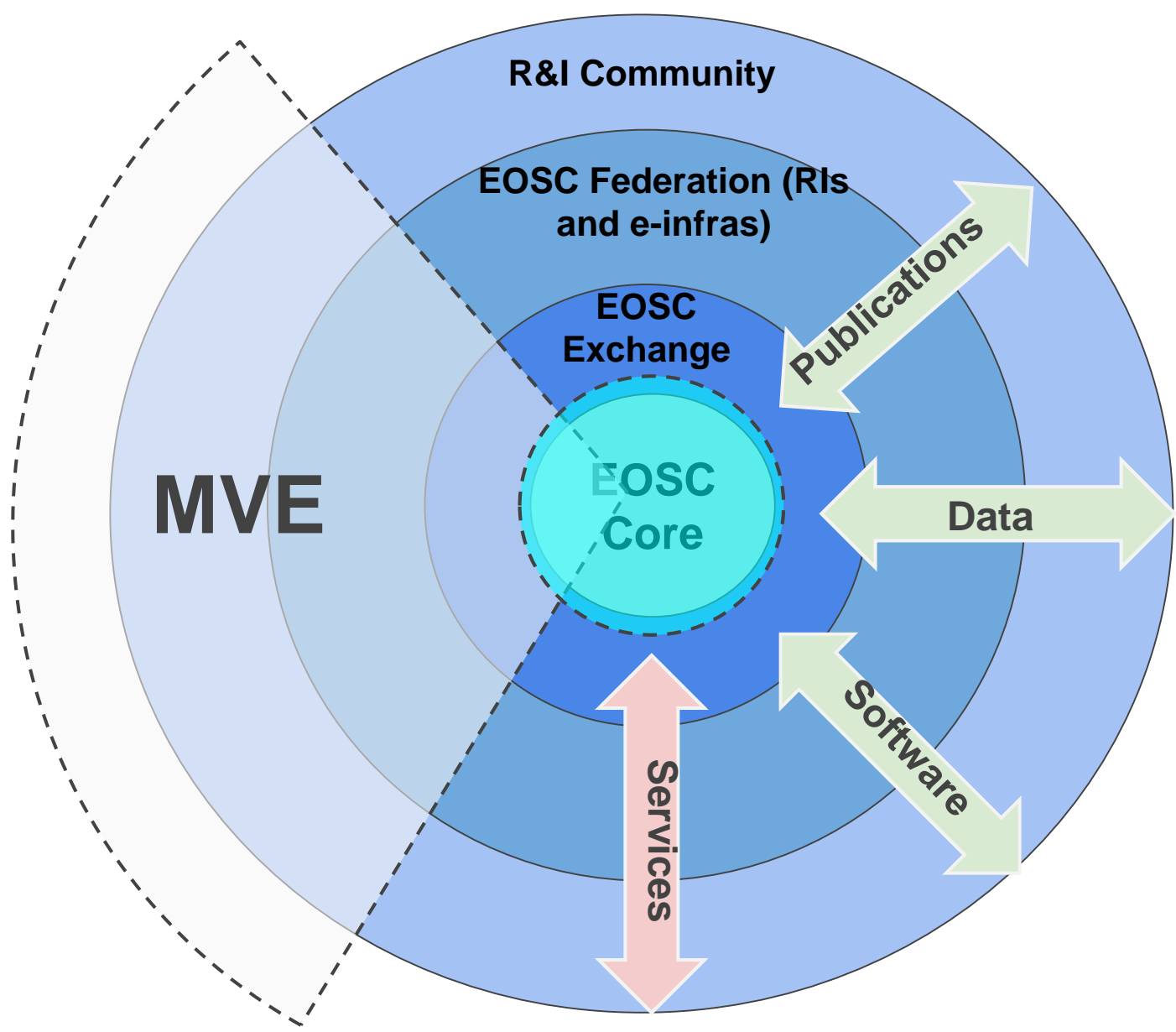
Grants:

Name	Size	Download
scholix_dump_1.tar	26.9 GB	Download

Positioning in EOSC & OpenAIRE Ecosystem



“Horizontal” services in EOSC-Exchange



EOSC-Core resource catalogue



Exchange: scholarly comm service

Takeaway

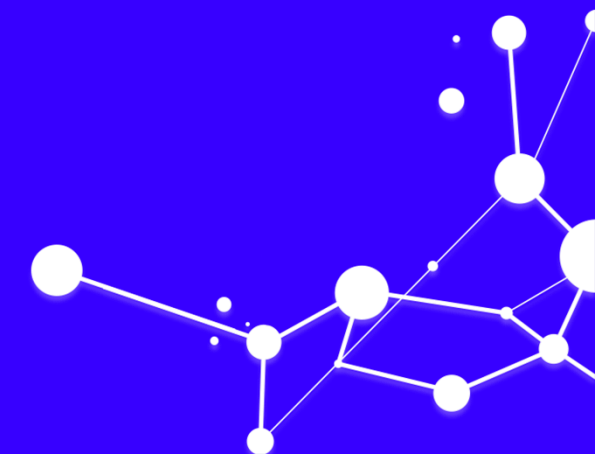
- Interoperability via Scholix framework
- An **open metadata** collection of links between datasets and literature objects and datasets and datasets object
 - Beyond DOIs
- **More information @ <http://scholexplorer.openaire.eu>**



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THANK YOU

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Silvio Peroni
University of Bologna



Providing access to scholarly bibliographic and
citation data

Overview of OpenCitations

- OpenCitations (<http://opencitations.net>) is an **infrastructure organization** dedicated to the **publication of open bibliographic and citation data** using Semantic Web (Linked Data) technologies
- It offers **free and open Web-based services** (REST APIs, SPARQL endpoints, visual interfaces) to **gather global scholarly citation data**, that can be also downloaded in bulk in several formats
- In 2020, there were more than **23,100,000 requests** to the REST API (average: ~ 1,925,000 accesses per month)

Why to use OpenCitations by whom

- It enables more **transparent** and **reproducible** national and international research **evaluation** exercises, **saves thousands euros** to **institutions** for commercial access to their own scholarly data, and **reuse citation data for any purpose** (CC0 waiver)
- Adds value to EOSC users by enabling the development of tools to monitor research and to improve the discoverability of research products
- OpenCitations exposes its citations in several format and currently contains more than **759 million citations** (growing)
- Aiming at helping authors, researchers, students, institutional administrators, librarians, funders, research managers, data repositories, publishers

How to use OpenCitations

- **Querying the data** (<http://opencitations.net/querying>)
 - REST APIs (e.g. <http://opencitations.net/index/api/v1>)
 - SPARQL endpoints (e.g. <http://opencitations.net/index/sparql>)
 - Search and browse interfaces (e.g. <http://opencitations.net/index/search>)
- **Download dumps** (<http://opencitations.net/download>)
available in CSV, RDF, and Scholix

How to use the REST APIs

Example:

get all the **citations received**
by the article identified
by the

DOI «10.1162/qss_a_00023» and
sort them starting from
the **most recent one**

[http://opencitations.net/index/api/v1/citations/10.1162/qss_a_00023?sort=desc\(creation\)](http://opencitations.net/index/api/v1/citations/10.1162/qss_a_00023?sort=desc(creation))

The unifying REST
API for all the
OpenCitations
Indexes

DESCRIPTION

PARAMETERS

OPERATIONS

/references/{doi}

/citations/{doi}

/citation/{oci}

/metadata/{dois}

/citation-count/{doi}

/reference-count/{doi}

HOME

THE UNIFYING REST API FOR ALL THE OPENCITATIONS INDEXES

VERSION: Version 1.1.0 (2020-03-25)

API URL: <https://w3id.org/oc/index/api/v1>

CONTACT: contact@opencitations.net

LICENSE: This document is licensed with a [Creative Commons Attribution 4.0 International License](#), while the REST API itself has been created using [RAMOSE](#), the *Restful API Manager Over SPARQL Endpoints* created by [Silvio Peroni](#), which is licensed with an [ISC license](#).

DESCRIPTION

[↑](#) [BACK TO TOP](#)

This document describe the REST API for accessing the data stored in all the [OpenCitations Indexes](#) hosted by [OpenCitations](#). This API implements operations to retrieve the citation data for all the references to other works appearing in a particular bibliographic entity, or the citation data for all the references appearing in other works to a particular bibliographic entity, given the DOI of a bibliographic entity, or to retrieve citation data about a particular citation identified by means of its [Open Citation Identifier \(OCI\)](#).

All the present operations return either a JSON document (default) or a CSV document according to the mimetype specified in the [Accept](#) header of the request. If you would like to suggest an additional operation to be included in this API, please use the [issue tracker](#) of the OpenCitations APIs available on GitHub.

How to use the SPARQL endpoints

OpenCitations Indexes SPARQL endpoint

Example:

get all the **DOIs** that are **co-cited** with the article identified by the DOI «10.1162/qss_a_00023»

```
1 PREFIX cito: <http://purl.org/spar/cito/>
2 SELECT DISTINCT ?cocited WHERE {
3   <http://dx.doi.org/10.1162/qss_a_00023> ^cito:hasCitedEntity/cito:hasCitingEntity ?citing .
4   ?citing ^cito:hasCitingEntity/cito:hasCitedEntity ?cocited .
5   FILTER (?cocited != <http://dx.doi.org/10.1162/qss_a_00023>)
6 }
```

Raw Response Table Pivot Table Google Chart

Show 50 entries

	cocited
1	http://dx.doi.org/10.1007/978-3-030-01379-0_9
2	http://dx.doi.org/10.1007/978-3-030-30796-7_8
3	http://dx.doi.org/10.1007/978-3-319-54627-8_5
4	http://dx.doi.org/10.1007/978-3-540-24750-0_13
5	http://dx.doi.org/10.1007/s11192-019-03217-6
6	http://dx.doi.org/10.1038/sdata.2016.18




How it is used



OpenCitations, an infrastructure organization for open scholarship


Silvio Peroni  and David Shotton 



Posted Online January 23, 2020
https://doi.org/10.1162/qss_a_00023






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Favorite   Times Cited: 9 

Download Citation  RSS TOC 

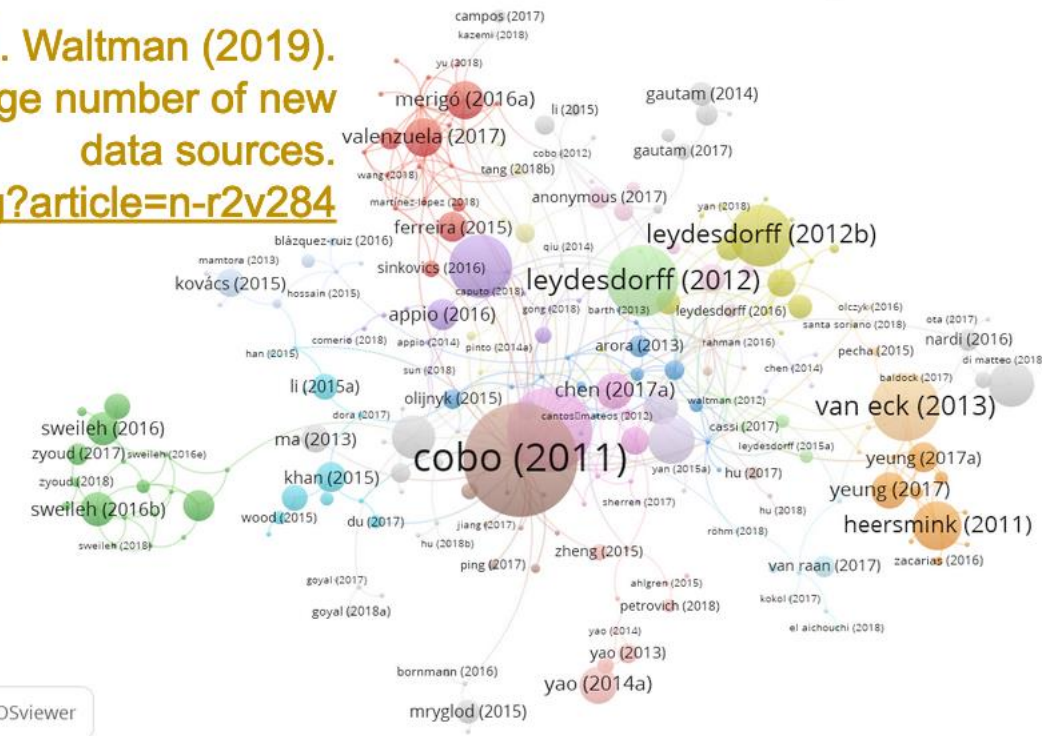
RSS Citation 

 **Download Options** 

Article https://doi.org/10.1162/qss_a_00023 visualised with the Open Access Helper plugin (<https://www.oahelper.org/>)

N. van Eck and L. Waltman (2019). VOSviewer supports large number of new data sources. <https://www.cwts.nl/blog?article=n-r2v284>



<https://inciteful.xyz/>

 Inciteful Documentation 

OpenCitations, an infrastructure organization for open scholarship

Silvio Peroni | David M. Shotton

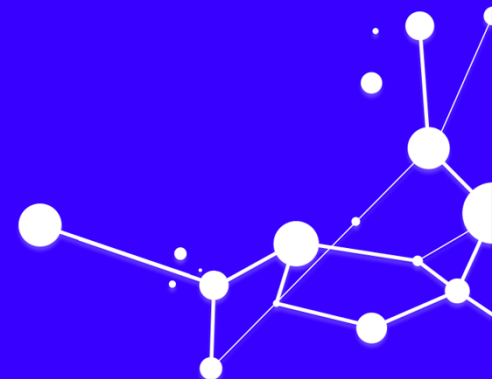
arXiv: Digital Libraries, vol 1 no 1.

OpenCitations is an infrastructure organization for open scholarship dedicated to the publication of open citation data as Linked Open Data using Semantic Web technologies, thereby providing a disruptive alternative to traditional proprietary citation indexes. Open citation data are valuable for bibliometric analysis, increasing the reproducibility of large-scale analyses by enabling publication of the source data. Following brief introductions to the development and benefits of open scholarship and to Semantic Web technologies, this paper describes... [more](#)

16 Cited By **12** Citing **2020** Published **Yes** Open Access **8,183** Papers in Graph **29,947** Citations in Graph **2** Graph Depth

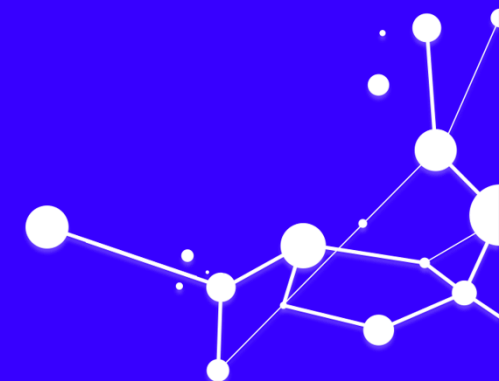


Positioning in EOSC & OpenAIRE Ecosystem





Take away



Takeaway

- OpenCitations publishes **global scholarly open citation data** that can be reused for any purpose (CC0 waiver)
- **REST APIs, SPARQL** endpoints, and **dumps** are available to gather such citation data
- So far, OpenCitations hosts more than **759 million citations** data – more to come

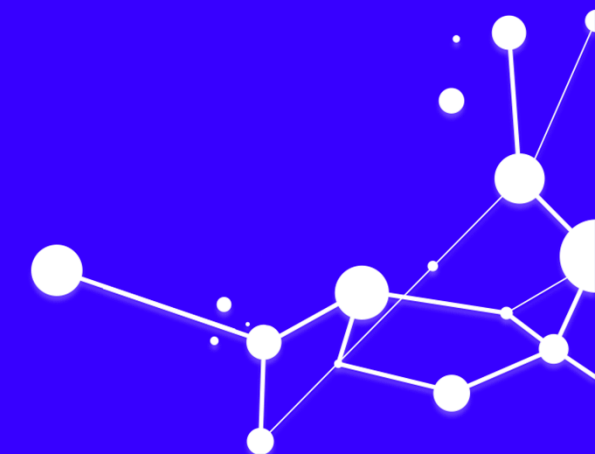


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THANK YOU

Silvio Peroni

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Andreas Czerniak, Jochen Schirrwagen
Bielefeld University

open @PC

Making the costs of Open Access publishing
transparent

Overview of OpenAPC

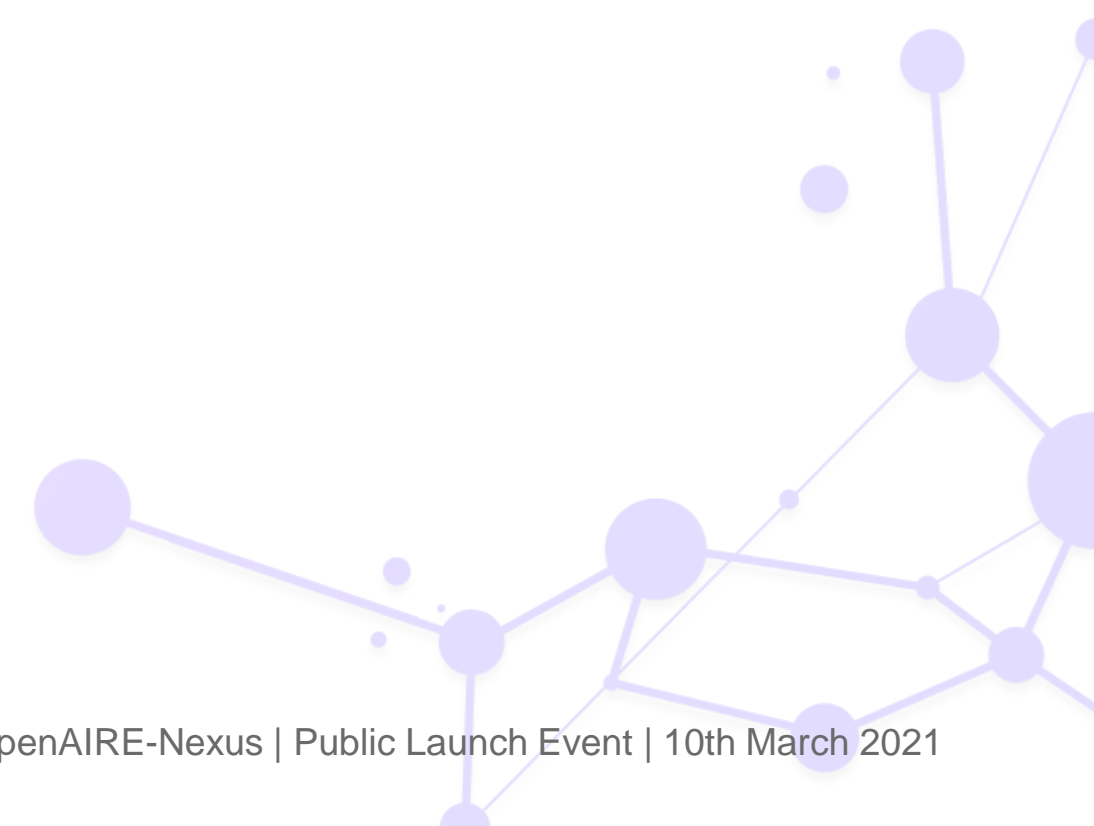
- OpenAPC (<https://openapc.net>) is an initiative and infrastructure that **collects**, **aggregates** and **publishes APC** and other **cost data** on **open access publishing** from participating institutions since 2014.
- It allows **web-based visualizations** (treemaps) and an API for **Online Analytical Processing** (OLAP cubes); the service is free to use; the datasets are made available under the Open Database License
- Today **282 organisations worldwide** contribute with their cost data, covering **118,842 articles** with an aggregated sum of **232m €** (APC dataset)

Why to use OpenAPC by Who

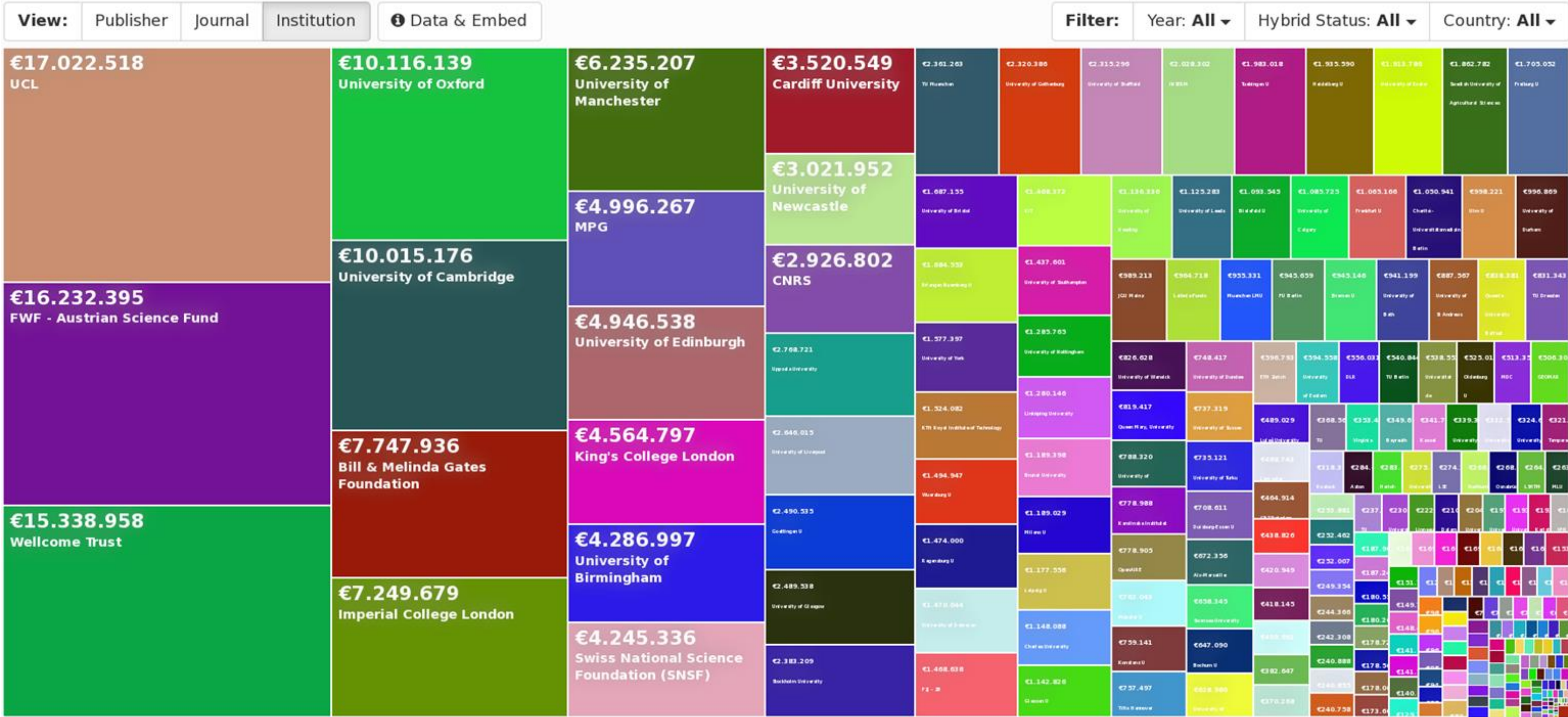
- It aims at **transparency**, **comparability** and **tracking** of cost developments in the field of Open Access publishing
- It complies with current recommendations for **cost transparency in an Open Access based scholarly publication system**, e.g., <https://doi.org/10.2777/836532>, Plan S
- It releases datasets on APCs, BPCs, transformative agreements
- It is aimed for **libraries**, **funding agencies**, **researchers**, **developers** to keep track and provide access to the Open Access record of (European) expenditure for publishing fees and cost data from transformative agreements

How to use OpenAPC

- **It is accessible through**
 - web user interface using **Treemaps**, <https://treemaps.openapc.net/>
 - **OLAP-Server REST-API**, <https://olap.openapc.net/>
 - released **datasets** on **Github**, <https://github.com/OpenAPC/openapc-de/>



Example: Treemap to browse and inspect the APC dataset



Example: Querying the OLAP Server

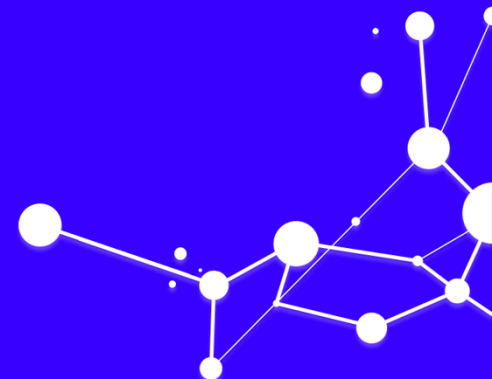
Example: APC expenditures in the period 2014 to 2016:

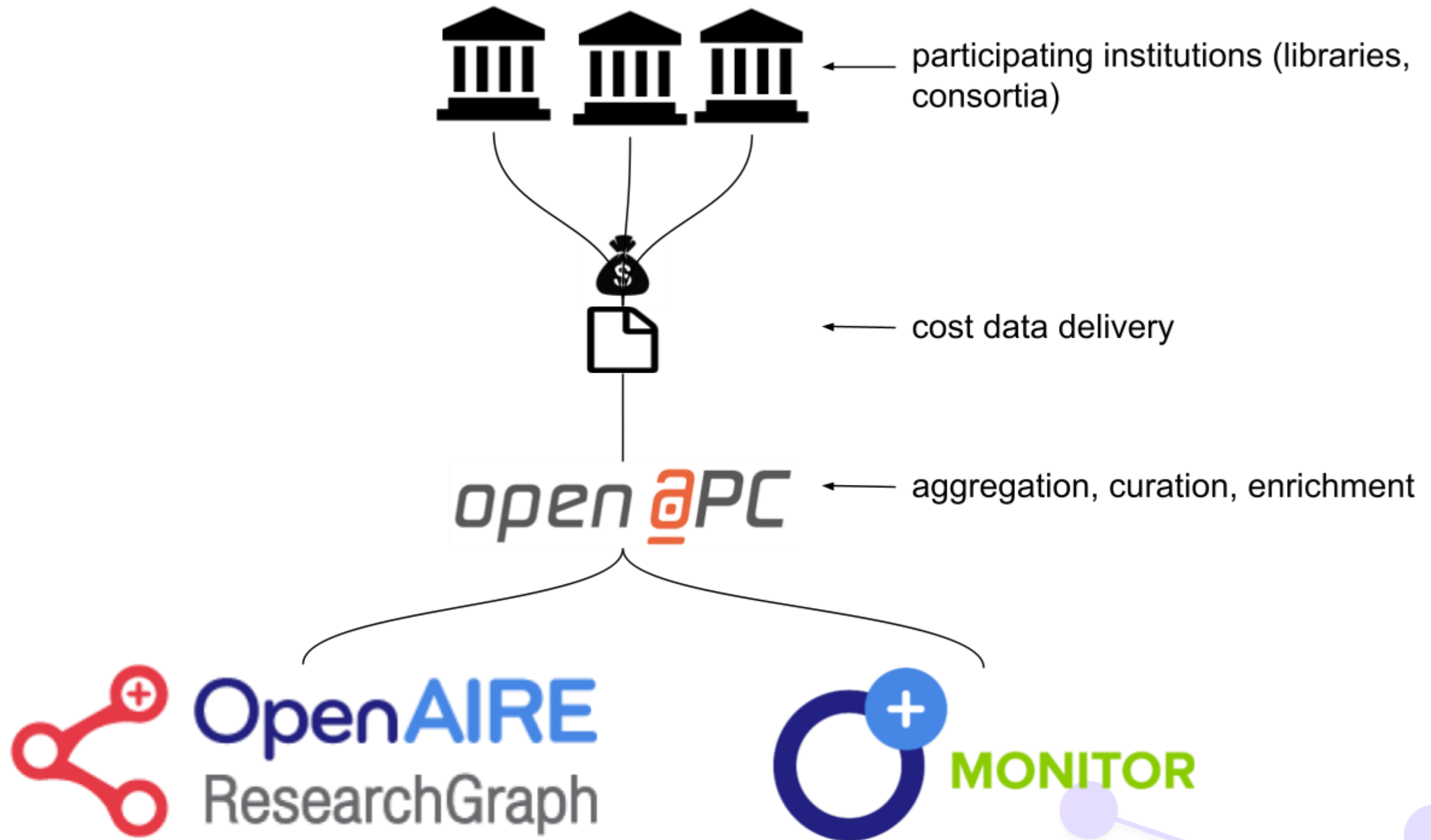
<https://olap.openapc.net/cube/openapc/aggregate?cut=period:2014-2016>

- **OLAP Server** - based on cubes, a Python framework for reporting and analytical applications
- A **cube** in OpenAPC represents data from participating institutions or all aggregated data
- **Operations**, e.g. list entries, aggregate functions, drilldowns, cuts

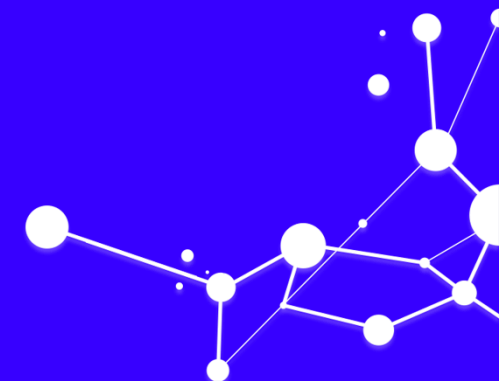
JSON	Raw Data	Headers
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Expand All	Filter JSON	
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apc_amount_sum:		215972903.57
apc_num_items:		108128
apc_amount_avg:		1997.3818397639834
apc_amount_stddev:		988.731432543593
remainder:		{}
cells:		[]
▼ aggregates:		
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1:		"apc_num_items"
2:		"apc_amount_avg"
3:		"apc_amount_stddev"
▼ cell:		
▼ 0:		
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dimension:		"period"
hierarchy:		"default"
level_depth:		1
invert:		false
hidden:		false
▼ from:		
0:		"2014"
▼ to:		
0:		"2019"
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Positioning in EOSC & OpenAIRE Ecosystem





Take away



Takeaway

- OpenAPC is a contribution to a transparent and reproducible monitoring of fee-based open access publishing across institutions and nations
- It regularly releases datasets
 - on fees paid for open access articles and monographs
 - cost data stemming from transformative agreements with publishers
- Today the APC dataset covers **>118k articles, fees of > 232m €**, **data** contributed from **282 institutions**

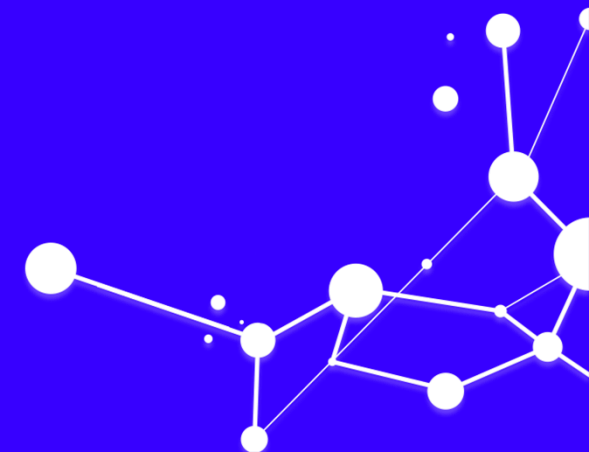


@openaire_eu
#OpenAIRE-Nexus

THANK YOU

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Dimitris Pierrakos
ATHENA Research Center



OpenAIRE
UsageCounts

The Usage Statistics Service of OpenAIRE Research Graph

Overview of Usage Counts

- Collects usage data or usage statistics reports for OpenAIRE Research Graph products and from OpenAIRE distributed network of repositories using open standards and protocols
- Generates reliable, consolidated and comparable usage metrics, compatible with the COUNTER Code of Practice standard.
- Worldwide Indicators (February 2021):
 - ~200 Content Providers
 - ~100M Views
 - ~380M Downloads

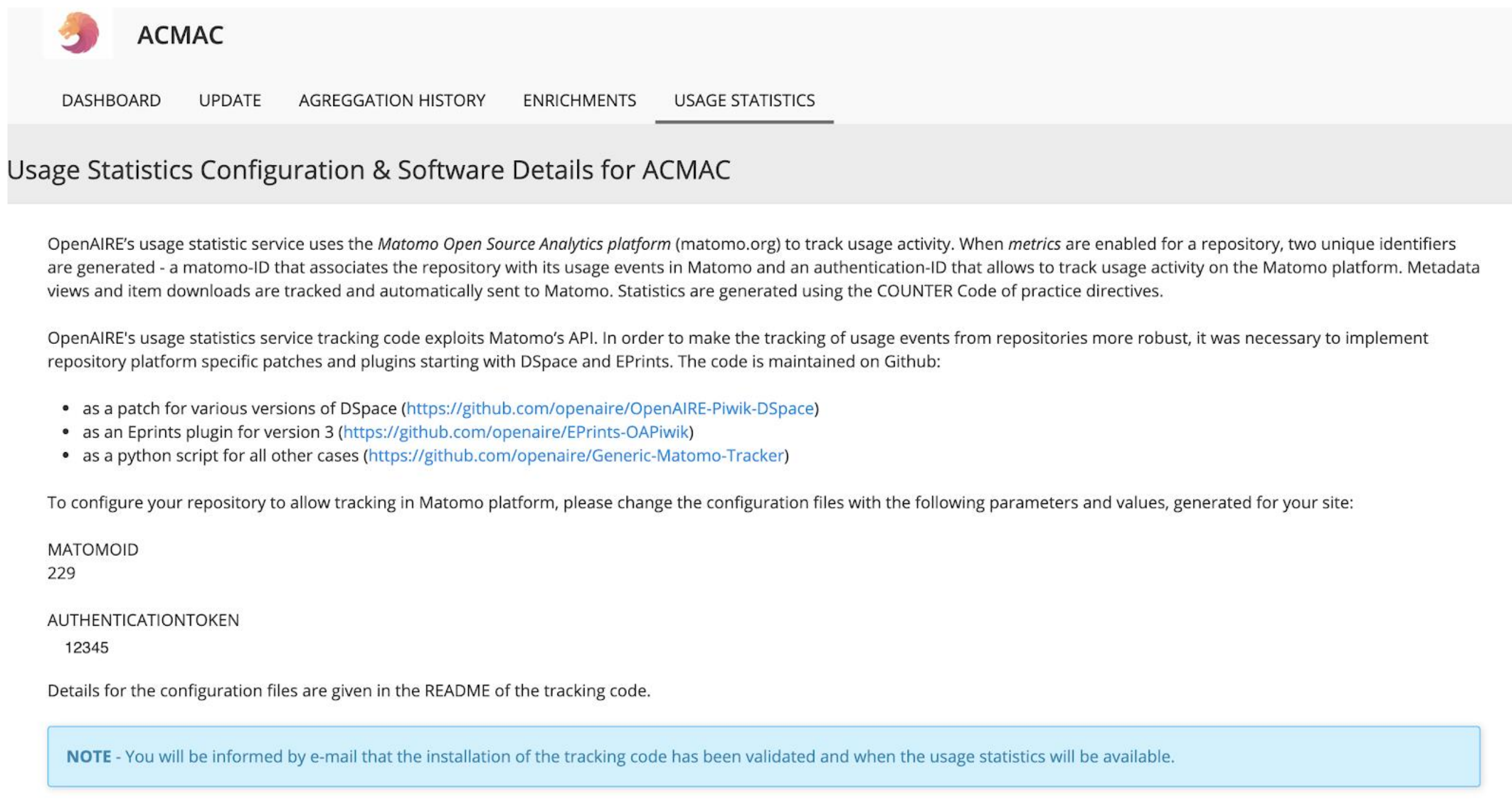
Why to use Usage Counts by Who

- A measure of scholar **impact**.
- **Indicators** that complements other (traditional and alternative) bibliometric indicators to provide a comprehensive and recent view of the impact of academic resources.
- Stakeholders: Authors, Institutions, OS platforms, Funders, etc.
 - “Which funder has the biggest engagement in Europe?”
 - “Provide me the evolution of the popularity of the publications/data of a project within the last 5 years.”
- Metadata de-duplication enables accumulation of usage for same research outputs
- Standardization needed.

How to use Usage Counts

- **Register via Provide:**
 - provide.openaire.eu
- **View Usage Statistics in Provide and/or Explore**
 - provide.openaire.eu
 - explore.openaire.eu
- **Get COUNTER Reports via a SUSHI-Lite API**
 - <https://usagecounts.openaire.eu/resources#apis>

Registration via Provide



The screenshot shows a web interface for ACMAC. At the top left is the ACMAC logo, a stylized orange and red 'A' with a white dot. To its right is the text 'ACMAC'. Below this is a navigation menu with five items: 'DASHBOARD', 'UPDATE', 'AGREGGATION HISTORY', 'ENRICHMENTS', and 'USAGE STATISTICS'. The 'USAGE STATISTICS' item is underlined. Below the navigation menu is a header section with the text 'Usage Statistics Configuration & Software Details for ACMAC'. The main content area contains three paragraphs of text and a list of three bullet points. The first paragraph explains that OpenAIRE's usage statistic service uses the Matomo Open Source Analytics platform to track usage activity. The second paragraph explains that the service tracking code exploits Matomo's API and that repository platform specific patches and plugins were implemented. The third paragraph lists three bullet points: as a patch for various versions of DSpace, as an Eprints plugin for version 3, and as a python script for all other cases. Below the list is a paragraph stating that to configure the repository to allow tracking in Matomo platform, the configuration files should be changed with the following parameters and values. The parameters are MATOMOID (229) and AUTHENTICATIONTOKEN (12345). Below this is a paragraph stating that details for the configuration files are given in the README of the tracking code. At the bottom of the main content area is a light blue box containing a note: 'NOTE - You will be informed by e-mail that the installation of the tracking code has been validated and when the usage statistics will be available.'

ACMAC

DASHBOARD UPDATE AGREGGATION HISTORY ENRICHMENTS USAGE STATISTICS

Usage Statistics Configuration & Software Details for ACMAC

OpenAIRE's usage statistic service uses the *Matomo Open Source Analytics platform* (matomo.org) to track usage activity. When *metrics* are enabled for a repository, two unique identifiers are generated - a matomo-ID that associates the repository with its usage events in Matomo and an authentication-ID that allows to track usage activity on the Matomo platform. Metadata views and item downloads are tracked and automatically sent to Matomo. Statistics are generated using the COUNTER Code of practice directives.

OpenAIRE's usage statistics service tracking code exploits Matomo's API. In order to make the tracking of usage events from repositories more robust, it was necessary to implement repository platform specific patches and plugins starting with DSpace and EPrints. The code is maintained on Github:

- as a patch for various versions of DSpace (<https://github.com/openaire/OpenAIRE-Piwik-DSpace>)
- as an Eprints plugin for version 3 (<https://github.com/openaire/EPrints-OAPiwik>)
- as a python script for all other cases (<https://github.com/openaire/Generic-Matomo-Tracker>)

To configure your repository to allow tracking in Matomo platform, please change the configuration files with the following parameters and values, generated for your site:

MATOMOID
229

AUTHENTICATIONTOKEN
12345

Details for the configuration files are given in the README of the tracking code.

NOTE - You will be informed by e-mail that the installation of the tracking code has been validated and when the usage statistics will be available.

Usage Statistics in Provide



Universidade do Minho: RepositoriUM

DASHBOARD UPDATE AGREGGATION HISTORY ENRICHMENTS USAGE STATISTICS

Universidade do Minho: RepositoriUM

Get statistics report

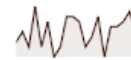
views in OpenAIRE

22,882



views in local repository

44,887,592 (45 from OpenAIRE)



downloads in local repository

2,993,413 (16 from OpenAIRE)

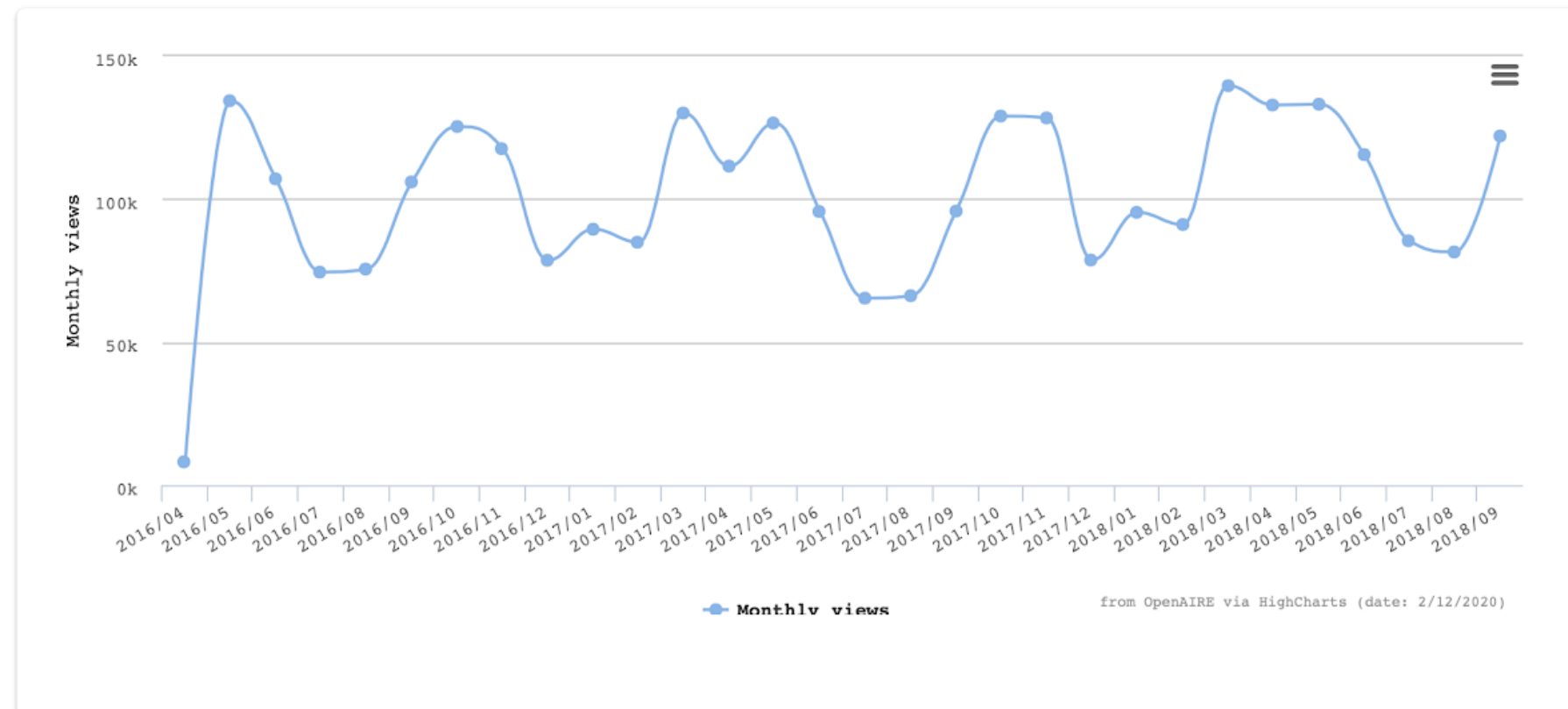


Info

This page provides you with information about views and downloads of items in your datasource.

The indicators are:

- **views** of your datasource items **in the OpenAIRE portal**
- **views of items** tracked from your datasource
- **number of downloads** tracked from your datasource



Usage Statistics in Explore

Publication . Article . 2016

O impacto dos acontecimentos significativos no processo terapêutico: Um estudo de caso de sucesso

Andriza Saraiva Corrêa; Eugénia Ribeiro; Sara Costa;

[OPEN ACCESS](#) [PORTUGUESE](#)

Published: 01 Jan 2016

Publisher: Instituto Superior de Psicologia Aplicada

Country: Portugal

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184

	90	4	90
	Downloads	OpenAIRE views	Total views
FROM	VIEWS	DOWNLOADS	
Repositório do ISPA	70	79	
Universidade do Minho: RepositoriUM	20	11	

SUMMARY

REFERENCES
33

Abstract

This study aimed to describe the therapy significant events' impacts, identified by the client and the therapist throughout a good outcome case. We used a methodology of case study with an adult client diagnosed with personality disorder and followed in cognitive-behavioral therapy. The Portuguese version of the Helpful Aspects of Therapy questionnaire was administered over all sessions to collect the significant events and their helpful impacts. We categorized the type of impact using a system of thematic categories, based on literature. The results showed that impacts, identified by the therapist and the client, were different. Whereas for the therapist these impacts...

[Read more](#)

DOI: [10.14417/ap.1088](https://doi.org/10.14417/ap.1088)

Subjects

FREE TEXT KEYWORDS: Case study, Categories of impact, Significant events, Acontecimentos significativos, Categorias de impacto, Estudo de caso

Related Organizations

University of Minho
Portugal

Instituto Superior de Psicologia Aplicada
Portugal

Article
Provided by 

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Article . 2016
Provider: Repositório do ISPA

[Universidade do Minho: RepositoriUM](#)

Article . 2016
Provider: Universidade do Minho: RepositoriUM

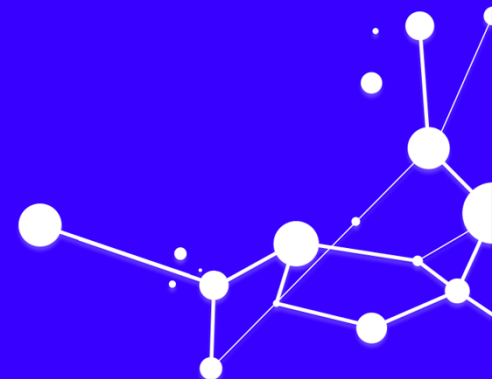
[View more](#)

COUNTER Reports

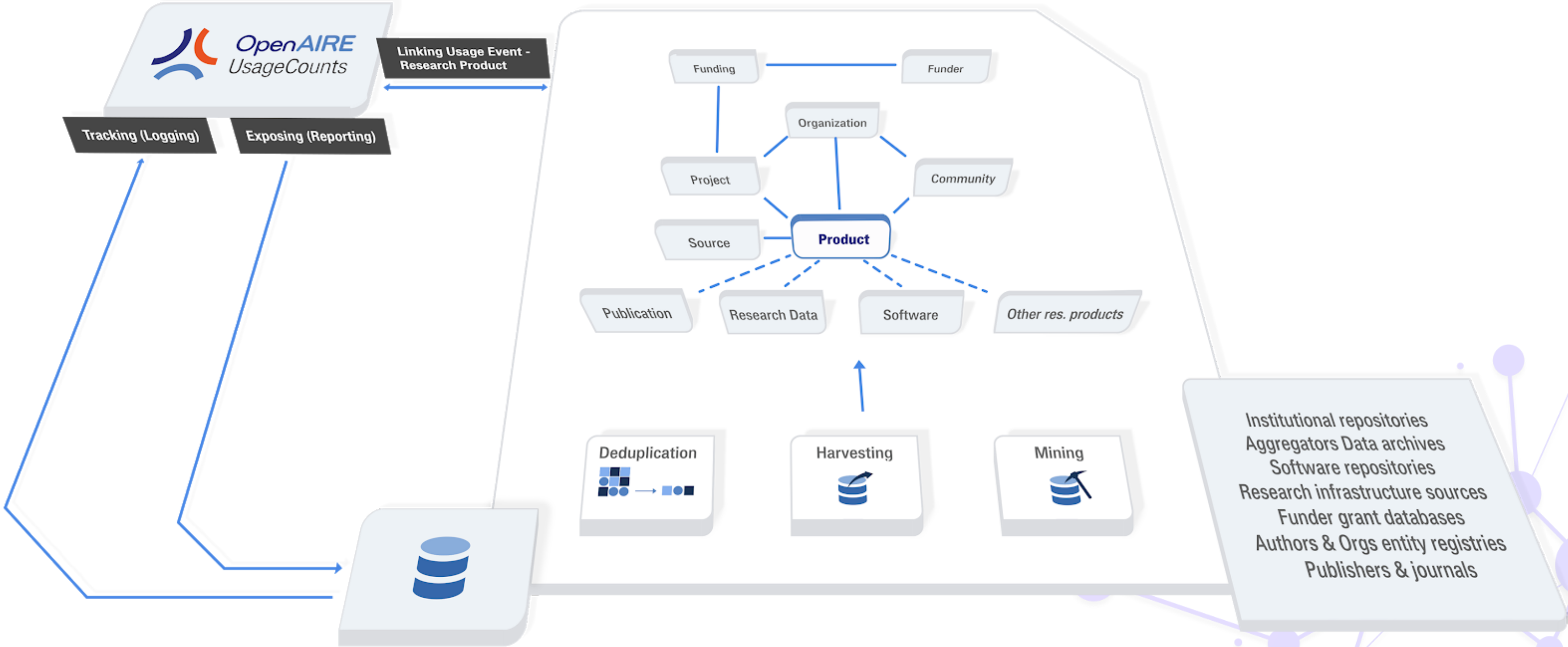
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    - {  
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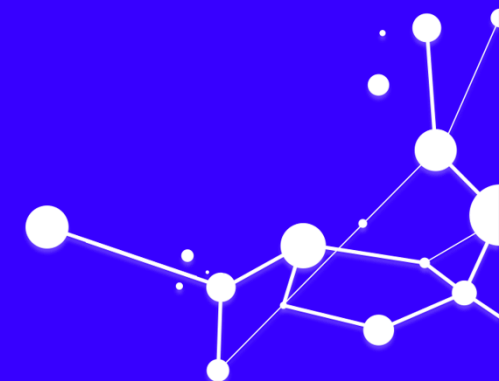
Positioning in EOSC & OpenAIRE Ecosystem



Usage Counts in OpenAIRE infrastructure



Take away



Takeaway

- Usage Counts provides **standards** for **usage statistics** exchange for almost all type of content providers and platforms.
- Complies to COUNTER Code of Practice for reliable and comparable **reports**.
- Follows **GDPR** guidelines.
- Offers **global** coverage.
- Supports **analysis** via APIs and **visualizations**.



@openaire_eu
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THANK YOU

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