

# OpenAIRE Provide

## Services for Repository Managers



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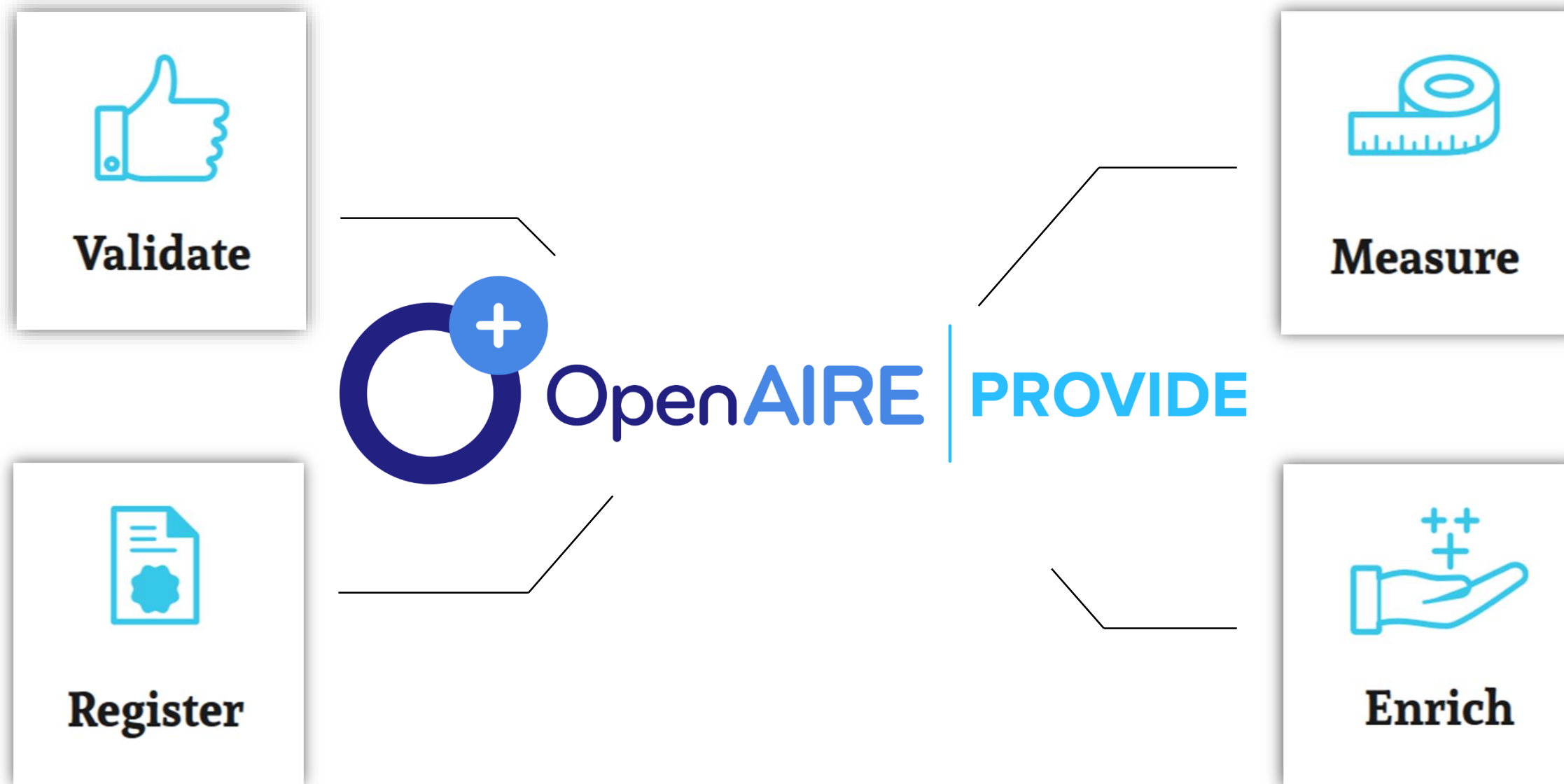
The background of the slide features a photograph of three rock climbers ascending a dark, craggy cliff face. The climbers are silhouetted against a bright blue sky filled with wispy white clouds. The climber at the top is in a red shirt, the middle one in a green shirt, and the bottom one in a red shirt. They are holding onto ropes and each other's hands, demonstrating teamwork and support. The overall scene conveys a sense of challenge, achievement, and mutual assistance.

# one stop shop for all OpenAIRE content providers

Services for repository managers,  
Data Archive managers,  
OA publishers...

**SUPPORT, PROMOTE, ENRICH**

# OpenAIRE Content Provider Dashboard



**One-stop-shop web service where content providers (repositories, data archives, journals, aggregators, CRIS systems) interact with OpenAIRE.**  
It provides the front-end access to many of OpenAIRE's backend services.

# OpenAIRE Guidelines

OpenAIRE Guidelines to expose your metadata in order to integrate with OpenAIRE infrastructure.

<https://guidelines.openaire.eu/en/latest/>



Interoperability  
Guidelines

Validator

## Content Acquisition policy

**Literature, Datasets, Software, other research products**

OpenAIRE accepts the metadata records of all scientific products whose structure respect the model and semantics as expressed by the OpenAIRE guidelines.

Open Access and non-Open Access material will be included and links to other products will be resolved where this is possible.

<https://www.openaire.eu/data-aquisition-policy>



# Interoperable metadata is key for effective content sharing

Use our validation service and see how you can apply the OpenAIRE Guidelines to expose your contents using global standards.

**VALIDATE**

Validate your datasource



Literature repository



Data repository



CRIS systems



# Reach a wider audience around the world

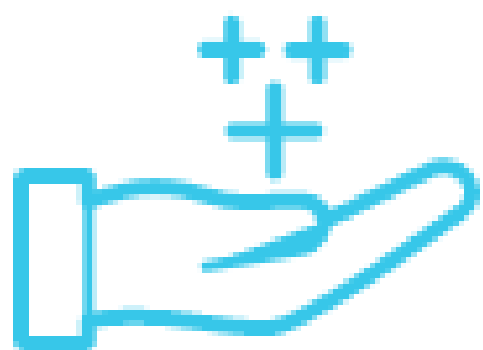
Register your datasource in OpenAIRE and be part of a global interlinked network.

## REGISTER

Register your datasource

The screenshot shows a registration interface with the title "Register your datasource". It contains four light blue rectangular buttons arranged in two rows. The top row has three buttons: "Literature repository" with a yellow database icon, "Data repository" with a blue database icon, and "Journal" with a purple book icon. The bottom row has one button: "Aggregator" with a teal network icon.

- Literature repository
- Data repository
- Journal
- Aggregator



## ENRICH

# Improve your metadata. Get more connections

OA Broker service offers a wealth of information on scholarly communication data. Find out what interests you and subscribe to enrich your records.

### Enrich Your Content - Browse Events

#### More

ADDITIONAL METADATA INFORMATION THAT MAY ENRICH OR SUPPLEMENT UNIVERSIDADE DO MINHO: REPOSITORY CONTENT # OF EVENTS

#### Missing

MISSING METADATA INFORMATION THAT MAY ENRICH OR COMPLETE UNIVERSIDADE DO MINHO: REPOSITORY CONTENT # OF EVENTS

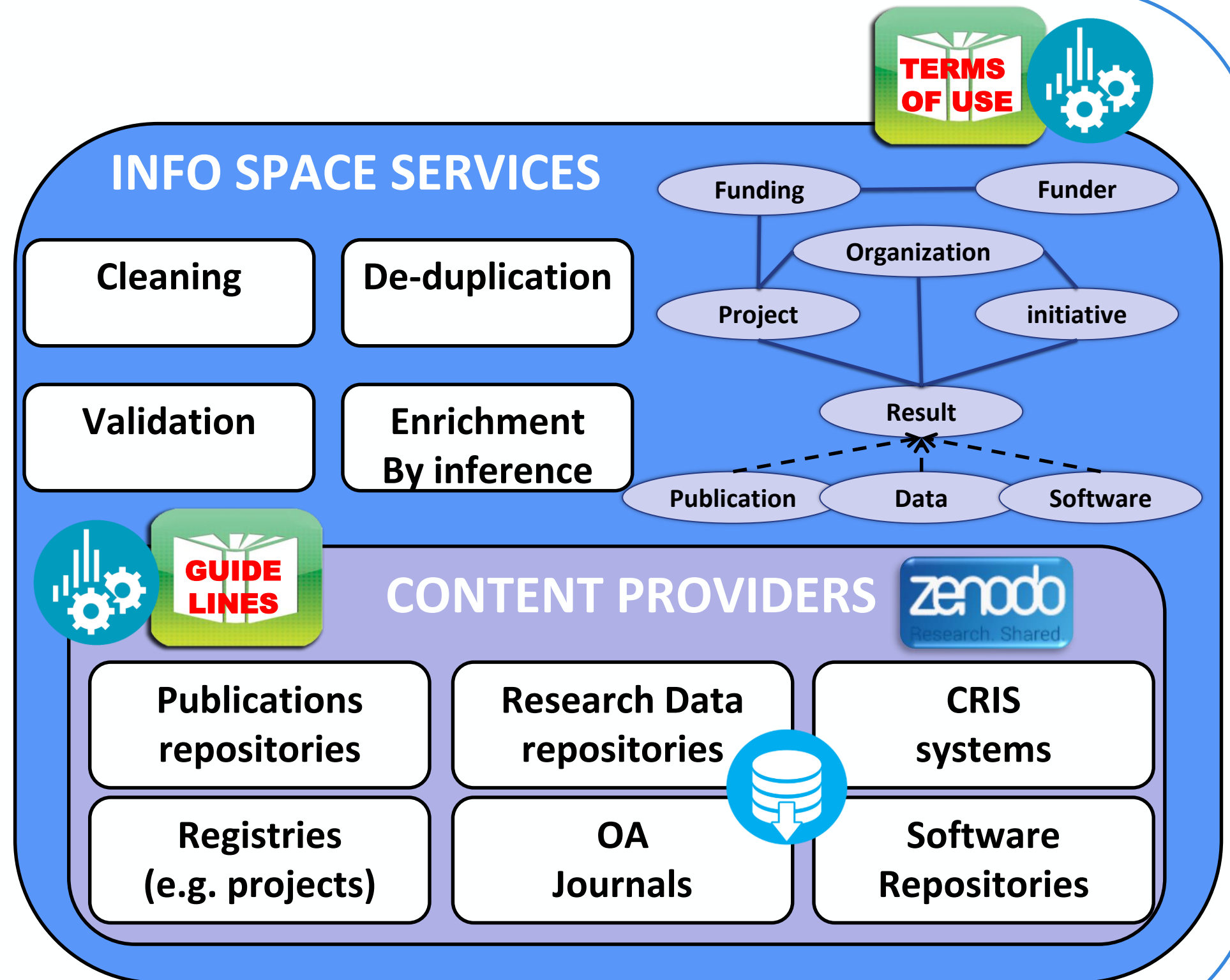
# OpenAIRE's e-infrastructure Commons – BROKER CONCEPT



Repositories in OpenAIRE may be interested to acquire metadata information about **publications** that are

**“potentially of interest to them”**

*i.e. be part of their collection: add new records, enrich the records with extra metadata information.*



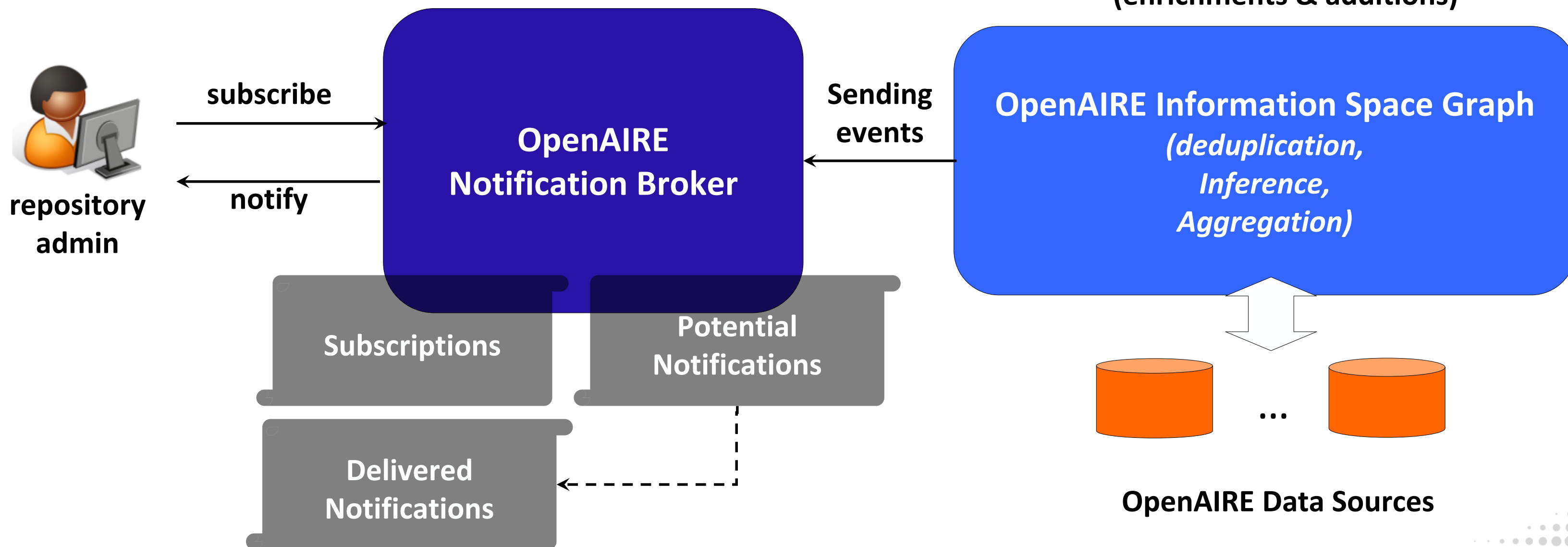


# OpenAIRE Broker sketch

## Event (potential notification):

- *Message*
- *Topic*
- *TargetRepository*
- *Trust*

Identifying “events” relevant to repositories  
(enrichments & additions)



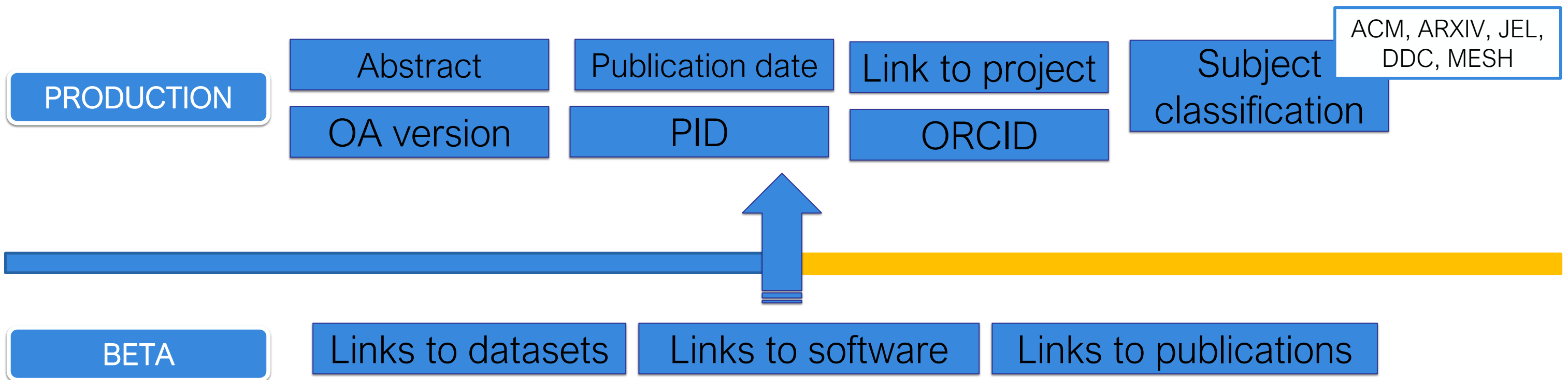
# Broker Enrichment Events

## ENRICH / MORE

Macro-category that groups events about field values that **differ** from those available in the repository.

## ENRICH / MISSING

Macro-category that groups events about field values that are **not present** in the metadata of the repository.

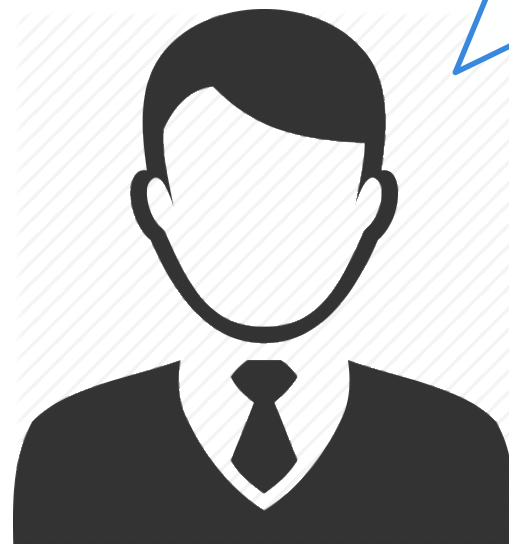


# Event trust

Events are produced by *algorithms* that takes decisions using *non-authoritative information*;

Trust as a manner to expose uncertainty

Should I update my record with this project reference?



## Tweak and refine events

Trust [0.75 - 1]



Title



+ Add another

Author



+ Add another

Subject



+ Add another

Date

From

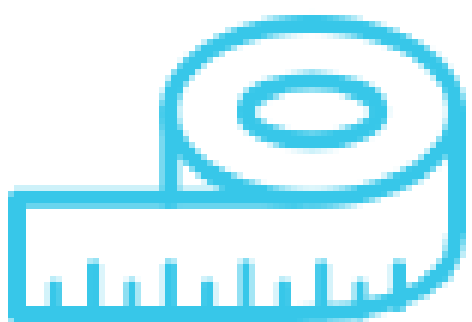
To



+ Add another

Apply

Clear

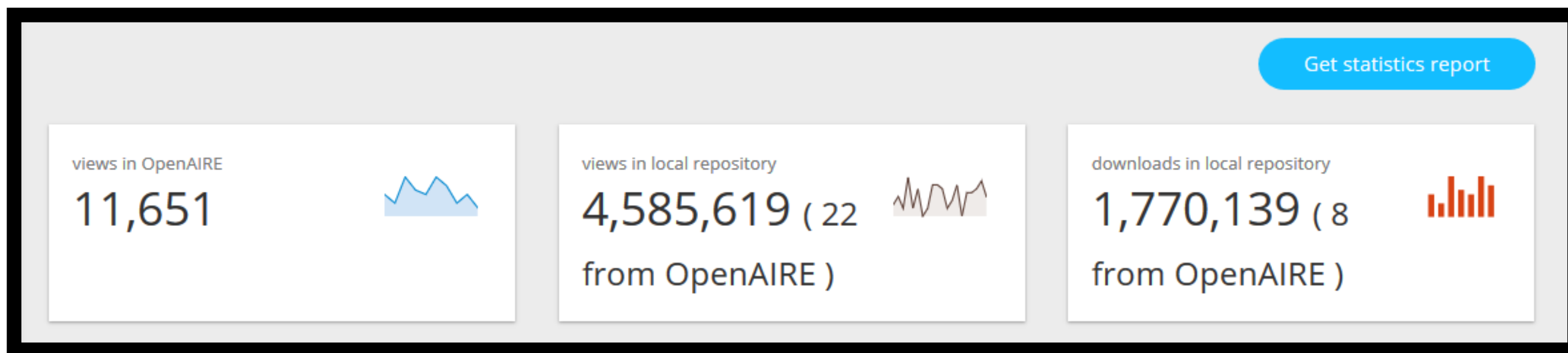


## MEASURE

# Usage Statistics

Open research impact empowers Open Science.

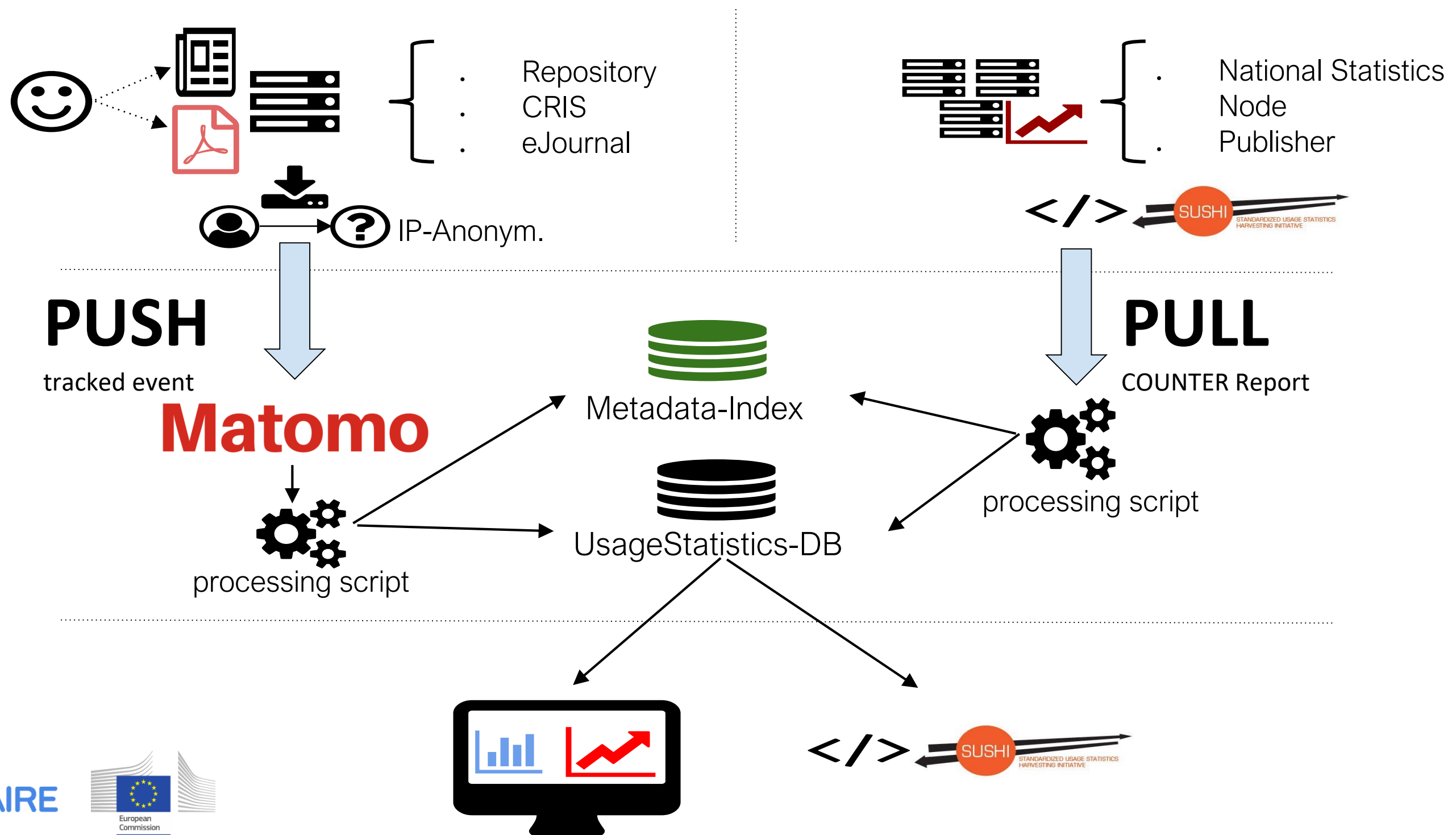
Share usage data via OpenAIRE's global Open Metrics Service. Get the benefit of an aggregated environment to broaden the mechanisms for impact assessment.



# OpenAIRE Usage Statistics – How it works

- (1) Tracking of usage events or (2) retrieving COUNTER reports on scholarly work items in repositories
- Applying rules based on COUNTER CoP
- Aggregating metrics on usage for scholarly works
- Repository plugins to track usage events

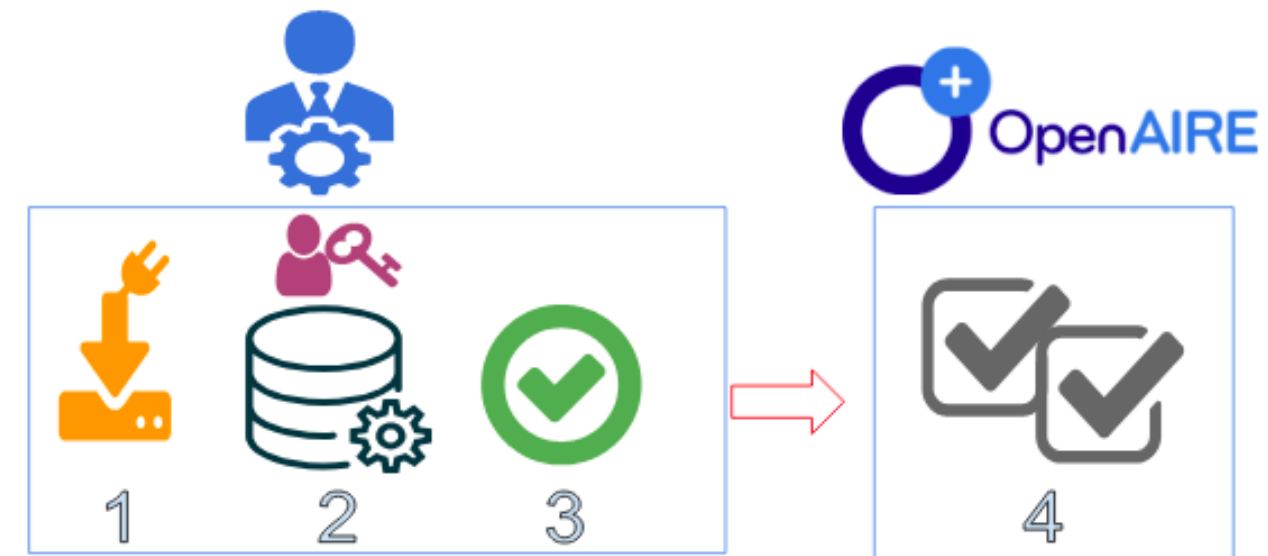
# Architecture and Workflows for Usage Statistics



# Metrics in the OpenAIRE Dashboard for content providers

- **Four steps to join OpenAIRE Usage Statistics**

1. **Download.**
2. **Configure.**
3. **Deploy.**
4. **Validate (by OpenAIRE).**



- **Or enter SUSHI endpoint to let OpenAIRE collect COUNTER reports**

# Community Calls

Are you a content provider? Got questions? Come and Learn more!

The OpenAIRE Provide management team are hosting a webconference call with the OpenAIRE content providers community.

Every month, on the first  
Wednesday at 14h30 CET

<https://www.openaire.eu/provide-community-calls>





# Your data is valuable. Get connected. Participate

The Provide Dashboard is a one-stop-service where content providers interact with OpenAIRE and become a building block of a global Open Research community. A gateway to the European Open Science Cloud.



SIGN IN

**DEMO**

<https://provide.openaire.eu>

**PROVIDE Dashboard brings all your data together**

Get front-end access to many of OpenAIRE's backend services


- R Register
- V Validator
- N Notifications

### Universidade do Minho: RepositoriUM

DASHBOARD UPDATE AGREGGATION HISTORY ENRICHMENTS USAGE STATISTICS

Records collected on 2020-03-15

**50,046**




Enrichments

**44,028**



Downloads

**1,034,149**



Views

**11,725**



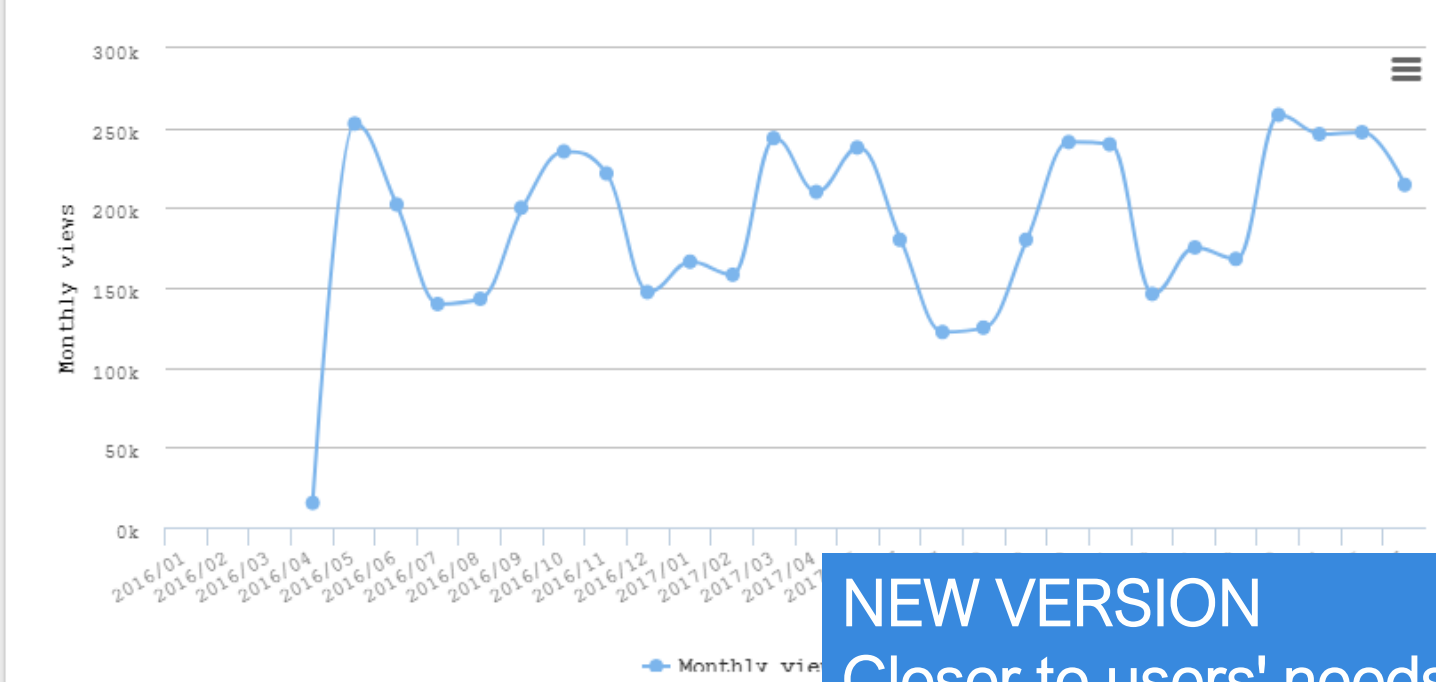
REPOSITORIES

Universidade do Minho: Reposit...

#### Aggregation History

- 2020-04-01  
Aggregation stage TRANSFORM  
Number of records 49,824
- 2020-04-01  
Aggregation stage COLLECT  
Collection mode REFRESH  
Number of records 50,259
- 2020-03-28  
Aggregation stage TRANSFORM  
Number of records 49,773
- 2020-03-28  
Aggregation stage COLLECT

#### Usage Statistics






#### Last month's reports

- AR1
- IR1
- RR1
- BR1


**NEW VERSION**  
 Closer to users' needs  
 Discover the Provide functionalities  
 in a more friendly interaction.

<https://provide.openaire.eu>

Hide Controls

-  Register
-  Validator
-  Notifications

REPOSITORIES

 Universidade do Minho: Reposit...



# Universidade do Minho: RepositoriUM

- DASHBOARD
- UPDATE**
- AGREGGATION HISTORY
- ENRICHMENTS
- USAGE STATISTICS

- UPDATE INFORMATION**
- UPDATE INTERFACES

## Basic information

The following fields are completed by OpenDOAR.  
If you want to edit them, you can do it by using this [OpenDOAR link](#)

Software Platform (\*)

DSpace 

Official Name (\*)

Universidade do Minho: RepositoriUM

Description (\*)

Repository of the University of Minho, Portugal.

Country (\*)

Portugal 

Institution (\*)

## Info / Help

You have access to edit the following repository listed on the left. Fields marked with \* are mandatory. Hover over each field to find more information about it.

The official repository administrator (his/her email address being retrieved from the OAI-PMH verb Identify) will be contacted and informed about the update request. So please make sure that you are either this person or have access to the email address, or that you have notified them.

For any problems or questions please contact the [OpenAIRE helpdesk](#).

Universidade do Minho: RepositoriUM

- DASHBOARD
- UPDATE
- AGREGGATION HISTORY
- ENRICHMENTS
- USAGE STATISTICS

- R Register
- V Validator
- N Notifications

REPOSITORIES

Universidade do Minho: Reposit...

2020-06-09

Aggregation stage  
TRANSFORM

Number of records  
63123

2020-06-09

Aggregation stage  
COLLECT

Collection mode  
REFRESH

Number of records  
63747

2020-06-01

Aggregation stage  
TRANSFORM

Number of records  
63081

2020-06-01



Aggregation stage  
COLLECT

Collection mode  
REFRESH

Indexed version



- Register
- Validator
- Notifications

- REPOSITORIES
- Universidade do Minho: Reposit...

2020

DATE	AGGREGATION STAGE	COLLECTION MODE	NUMBER OF RECORDS	INDEXED VERSION?
2020-06-09	TRANSFORM		63123	
2020-06-09	COLLECT	REFRESH	63747	
2020-06-01	TRANSFORM		63081	
2020-06-01	COLLECT	REFRESH	63705	<span>Indexed version</span>
2020-05-24	TRANSFORM		62984	
2020-05-24	COLLECT	REFRESH	63608	
2020-05-16	TRANSFORM		62911	
2020-05-16	COLLECT	REFRESH	63535	
2020-05-08	TRANSFORM		62814	
2020-05-08	COLLECT	REFRESH	63437	
2020-04-30	TRANSFORM		62676	
2020-04-30	COLLECT	REFRESH	63299	



- R Register
- V Validator
- N Notifications



- DASHBOARD
- UPDATE
- AGREGGATION HISTORY
- ENRICHMENTS
- USAGE STATISTICS

## Enrich Your Content - Browse Events

### More

ADDITIONAL METADATA INFORMATION THAT MAY ENRICH OR SUPPLEMENT UNIVERSIDADE DO MINHO: REPOSITORIUM CONTENT	# OF EVENTS
<a href="#">ENRICH/MORE/OPENACCESS_VERSION</a> Another Open Access version of a publication	28092
<a href="#">ENRICH/MORE/PID</a> Another persistent identifier associated to your publications	5924
<a href="#">ENRICH/MORE/SUBJECT/ARXIV</a> Another ARXIV classification term that can be associated to your publications	1712
<a href="#">ENRICH/MORE/SUBJECT/JEL</a> Another Journal of Economic Literature (JEL) classification term that can be associated to your publications	1274
<a href="#">ENRICH/MORE/SUBJECT/DDC</a> Another Dewey Decimal classification term (DDC) that can be associated to your publications	1192
<a href="#">ENRICH/MORE/SUBJECT/MESHEUOPMC</a> Another classification term from the Medical Subject Headings (MeSH) that	1020

### Missing

MISSING METADATA INFORMATION THAT MAY ENRICH OR COMPLETE UNIVERSIDADE DO MINHO: REPOSITORIUM CONTENT	# OF EVENTS
<a href="#">ENRICH/MISSING/PROJECT</a> A project reference that can be associated to your publications	9596
<a href="#">ENRICH/MISSING/OPENACCESS_VERSION</a> An Open Access versions of your publications	2539
<a href="#">ENRICH/MISSING/PID</a> A persistent identifier associated to your publications	1258
<a href="#">ENRICH/MISSING/ABSTRACT</a> An abstract describing among your publications	172
<a href="#">ENRICH/MISSING/SUBJECT/MESHEUOPMC</a> A classification term from the Medical Subject Headings (MeSH) that can be associated to your publications	105
<a href="#">ENRICH/MISSING/AUTHOR/ORCID</a> An Open Researcher and Contributor ID (ORCID) that can be associated to an author of your publications	100

#### REPOSITORIES

Universidade do Minho: Reposit...

- R Register
- V Validator
- N Notifications



- DASHBOARD
- UPDATE
- AGREGGATION HISTORY
- ENRICHMENTS**
- USAGE STATISTICS

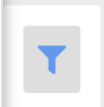
ENRICH | MISSING | PID

Subscribe to these events

1258 RESULTS, PAGE 1 OF 126

REPOSITORIES

Universidade do Minho: Reposit...



ID: oai:repositorium.sdum.uminho.pt:1822/23207

### Preliminary Insights into the phylogeography of six aquatic hyphomycete species

1 PID(s) added FROM: PubMed Central (ID: oai:pubmedcentral.nih.gov:3445450)

1. 10.1371/journal.pone.0045289 (doi)

Show more

ID: oai:repositorium.sdum.uminho.pt:1822/7594

### Returns to tenure or seniority?

1 PID(s) added FROM: Crossref (ID: WOS:000333678400007)

1. 10.3982/ECTA8688 (doi)

Show more

ID: oai:repositorium.sdum.uminho.pt:1822/12889

- R Register
- V Validator
- N Notifications



- DASHBOARD
- UPDATE
- AGREGGATION HISTORY
- ENRICHMENTS**
- USAGE STATISTICS

ENRICH | MISSING | PID

Subscribe to these events

1258 RESULTS, PAGE 1 OF 126

REPOSITORIES

Universidade do Minho: Reposit...



ID: oai:repositorium.sdum.uminho.pt:1822/23207

### Preliminary Insights into the phylogeography of six aquatic hyphomycete species

1 PID(s) added FROM: PubMed Central (ID: oai:pubmedcentral.nih.gov:3445450)

1. 10.1371/journal.pone.0045289 (doi)

Show less ^

Author(s): Duarte, Sofia Alexandra Ferreira | Seena, Sahadevan | Bärlocher, Felix | Cássio, Fernanda | Pascoal, Cláudia

PID(s): 10.1371/journal.pone.0045289 (doi)

Abstract(s):

The European Regional Development Fund - Operational Competitiveness Programme (FEDER-POFC-COMPETE) and the Portuguese Foundation for Science and Technology supported this study (PEst-C/BIA/UI4050/2011 and PTDC/AAC-AMB/113746/2009) and SD (SFRH/BPD/47574/2008). The Natural Sciences and Engineering Research Council of Canada (NSERC) also supported this study and FB.

Subject(s): Biogeography | Aquatic fungi | Barcoding




Publication date(s): 2012-09-25

Rights: OPEN Universidade do Minho: RepositoriUM - <http://hdl.handle.net/1822/23207>


ID: oai:repositorium.sdum.uminho.pt:1822/7594

Returns to tenure or seniority?



-  Register
-  Validator
-  Notifications

REPOSITORIES

 Universidade do Minho: Reposit...

**Filters** [Apply](#) [Clear](#)


Trust [0 - 1]

Title  

Author  


Subject  

Date From

Date To  

## no: RepositoriUM

- ON HISTORY
- ENRICHMENTS**
- USAGE STATISTICS

 Subscribe to these events

3207

### e phylogeography of six aquatic hyphomycete species

oai:pubmedcentral.nih.gov:3445450)

Show less ^

Seena, Sahadevan | Bärlocher, Felix | Cássio, Fernanda | Pascoal, Cláudia

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rcoding

positoriUM - <http://hdl.handle.net/1822/23207>

594

ity?

- R Register
- V Validator
- N Notifications

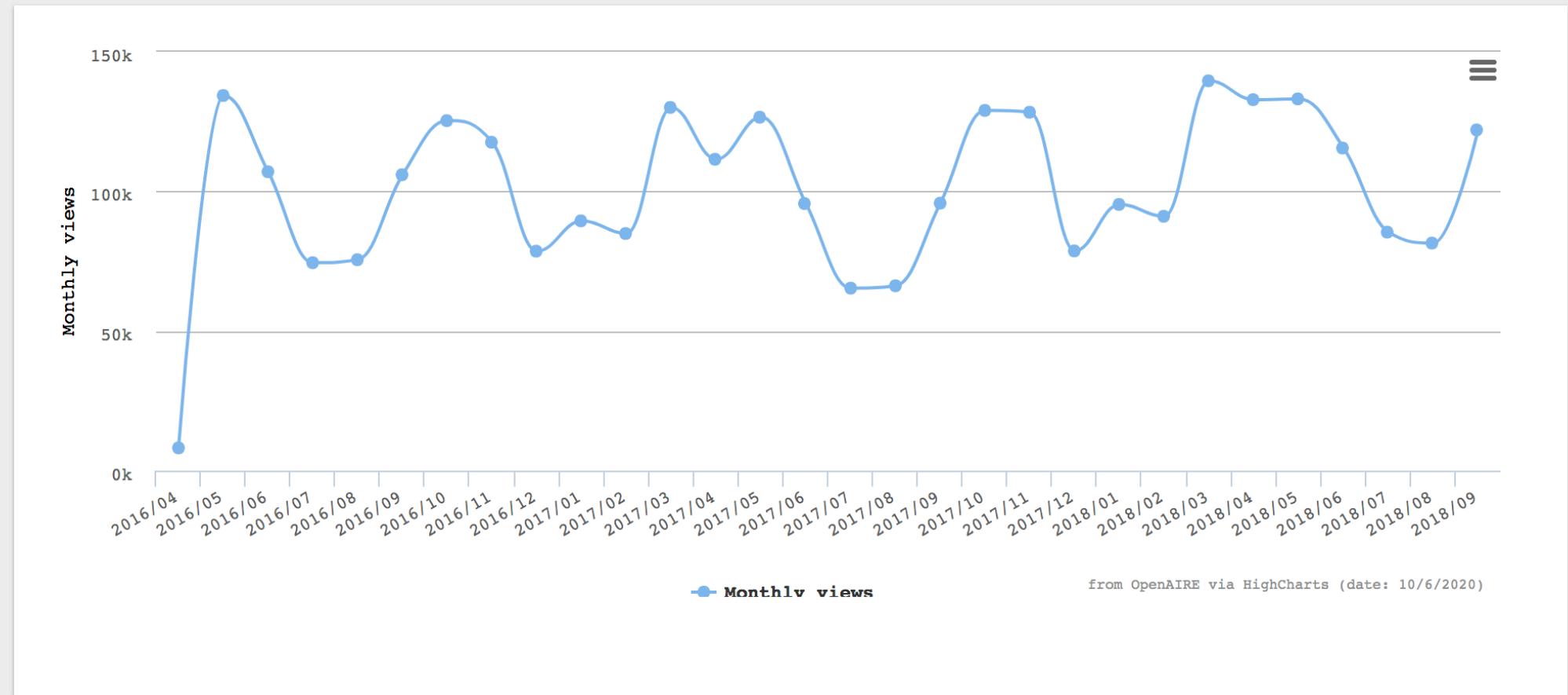
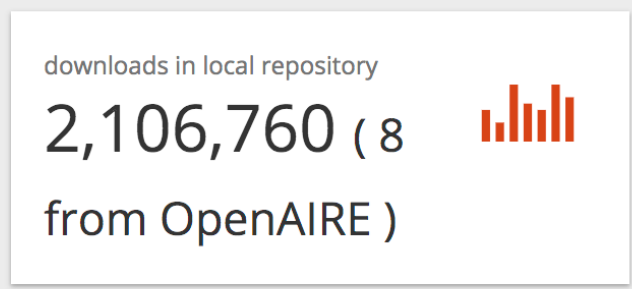
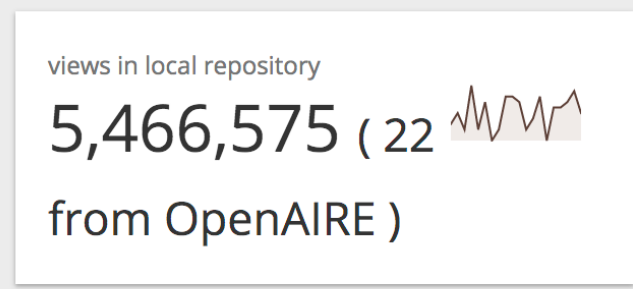
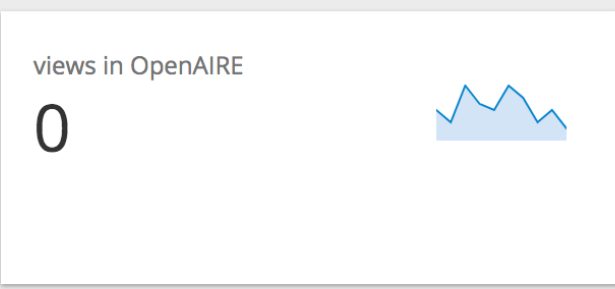


## Universidade do Minho: RepositoriUM

- DASHBOARD
- UPDATE
- AGREGGATION HISTORY
- ENRICHMENTS
- USAGE STATISTICS**

### Universidade do Minho: RepositoriUM

[Get statistics report](#)



### 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

REPOSITORIES

Universidade do Minho: Reposit...



- R Register
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- REPOSITORIES
- Universidade do Minho: Reposit...

### IR1 report for Universidade do Minho: RepositoriUM

#### Report Request

Report Name  
IR1

---

Release  
4

---

Requestor  
repositorium@sdum.uminho.pt

---

#### Report Filters

Date range

*Valid date formats are yyyy-mm-dd or yyyy-mm. Default range is the last available month.*

Begin Date  
2016-03

---

End Date  
2016-06

---

Filters

*For more specific results, provide an Item Identifier. Identifier format: **namespace:value***  
*Valid namespace for Item Identifier: **openaire, doi** or **oid**(for OAI-PMH).*

Repository Identifier  
opendoar:307

---

Item Identifier  
e.g. openaire:od\_\_\_\_\_::fb90de6f20d79783d0574

---

#### Report Attributes

*Valid Granularity values: Monthly or Totals*

Granularity  
Monthly

---

- R Register
- V Validator
- N

REPOSITORIES

- Universidade do Minho: Reposit...

## Enrich Your Content - Browse Subscriptions

Universidade do Minho: RepositoriUM				
TOPIC	CREATION DATE	LAST NOTIFICATION DATE	# OF NOTIFICATIONS	ACTIONS
<a href="#">ENRICH/MISSING/PROJECT</a>	2020-01-24 10:51:38	2020-05-27 07:00:00	9062	<a href="#">✕</a>
<a href="#">ENRICH/MISSING/PROJECT</a>	2020-05-28 17:09:07	2020-05-29 07:13:02	9596	<a href="#">✕</a>
<a href="#">ENRICH/MISSING/ABSTRACT</a>	2019-09-26 11:42:40	2020-05-31 07:00:00	154	<a href="#">✕</a>
<a href="#">ENRICH/MISSING/OPENACCESS_VERSION</a>	2020-04-17 17:01:02	2020-06-04 07:00:00	2255	<a href="#">✕</a>
<a href="#">ENRICH/MISSING/PID</a>	2020-05-05 23:22:32	2020-06-06 07:00:00	921	<a href="#">✕</a>
<a href="#">ENRICH/MISSING/AUTHOR/ORCID</a>	2020-05-05 23:24:00	2020-06-06 07:00:00	100	<a href="#">✕</a>
<a href="#">ENRICH/MORE/OPENACCESS_VERSION</a>	2020-05-05 23:25:41	2020-06-06 07:00:00	25649	<a href="#">✕</a>
<a href="#">ENRICH/MORE/PID</a>	2020-05-05 23:26:05	2020-06-06 07:00:00	4631	<a href="#">✕</a>
<a href="#">ENRICH/MISSING/OPENACCESS_VERSION</a>	2019-10-29 17:21:56	2020-06-06 07:00:00	1977	<a href="#">✕</a>

- R Register
- V Validator
- N Notifications

- REPOSITORIES
- Universidade do Minho: Reposit...

# Universidade do Minho: RepositoriUM

ENRICH | MISSING | PID

921 RESULTS, PAGE 1 OF 93

ID: oai:repositorium.sdum.uminho.pt:1822/2679

## Azo reductase activity of intact saccharomyces cerevisiae cells Is dependent on the fre1p component of plasma membrane ferric reductase

1 PID(s) added FROM: PubMed Central (ID: oai:pubmedcentral.nih.gov:1168983)

1. 16000801 (pmid)

Show more

ID: oai:repositorium.sdum.uminho.pt:1822/31876

## Exploring the gap between dynamic and constraint-based models of metabolism

1 PID(s) added FROM: PubMed Central (ID: oai:pubmedcentral.nih.gov:3465724)

1. 22306209 (pmid)

Show more

ID: oai:repositorium.sdum.uminho.pt:1822/19197

## Evaluation of an offshore wind power project : economic, strategic and environmental value

1 PID(s) added FROM: ZENODO (ID: oai:zenodo.org:1332598)

1. 10.5281/zenodo.1332598 (doi)

# Thank you!

**Antonis Lempesis, Stefania Martziou**

[antleb@di.uoa.gr](mailto:antleb@di.uoa.gr)

[stefania.martziou@athenarc.gr](mailto:stefania.martziou@athenarc.gr)