

**Pedro Príncipe**  
University of Minho

**Iryna Kuchma**  
EIFL

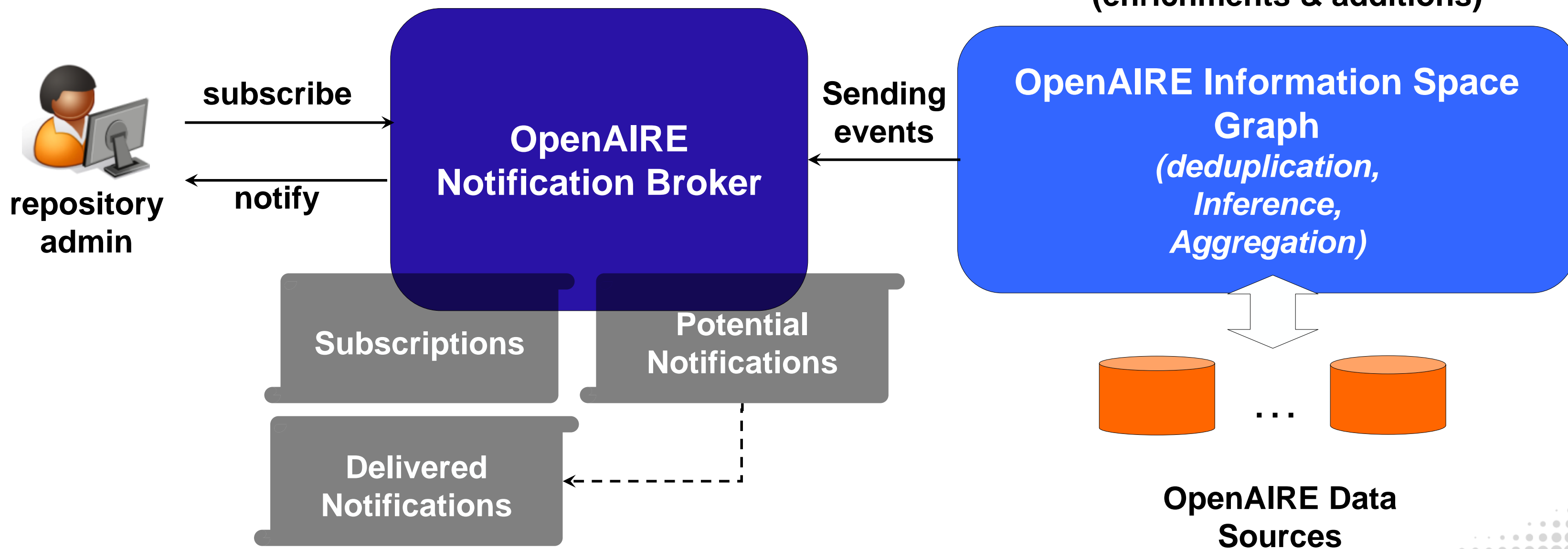
# OpenAIRE Content Provider Dashboard and the OA Broker service

# OpenAIRE Broker sketch

## Event (potential notification):

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

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



# Content Provider Dashboard

In production  
since Oct. 2018



DASHBOARD

SOURCES

COMPATIBILITY

CONTENT

METRICS



## Register

Register data sources in the OpenAIRE infrastructure



## Validate

Validate data sources against OpenAIRE guidelines



## Notifications

View notifications to enrich the metadata and the content



## Metrics

View aggregated, cleaned usage statistics for repository access

“

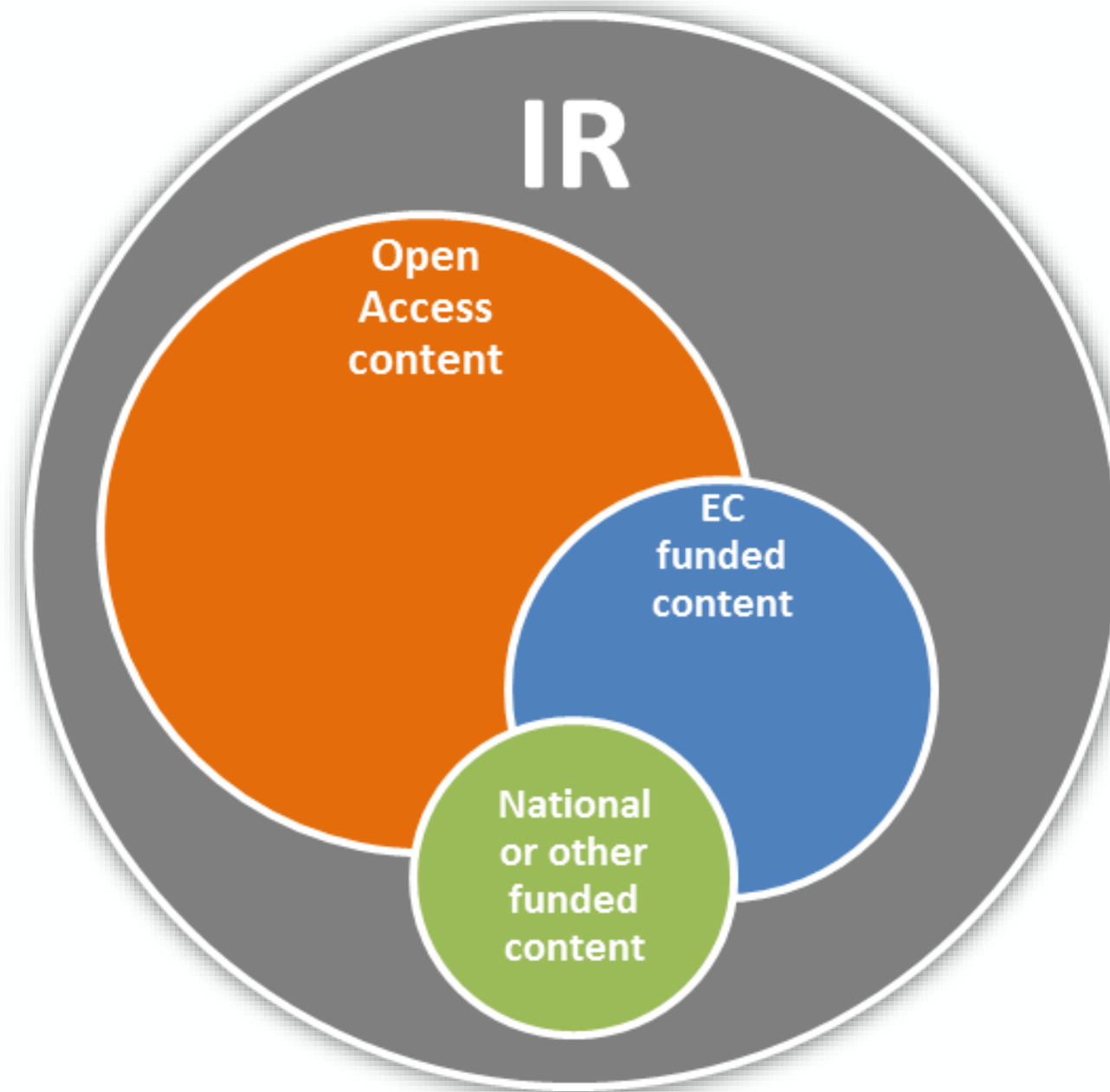
Metadata describing Open Access and non-Open Access material will be included and links to other products will be resolved where this is possible (i.e. the provided PIDs have a resolver).

*as stated in the Content Acquisition Policy, published Oct. 2018*

<https://doi.org/10.5281/zenodo.1446408>

”

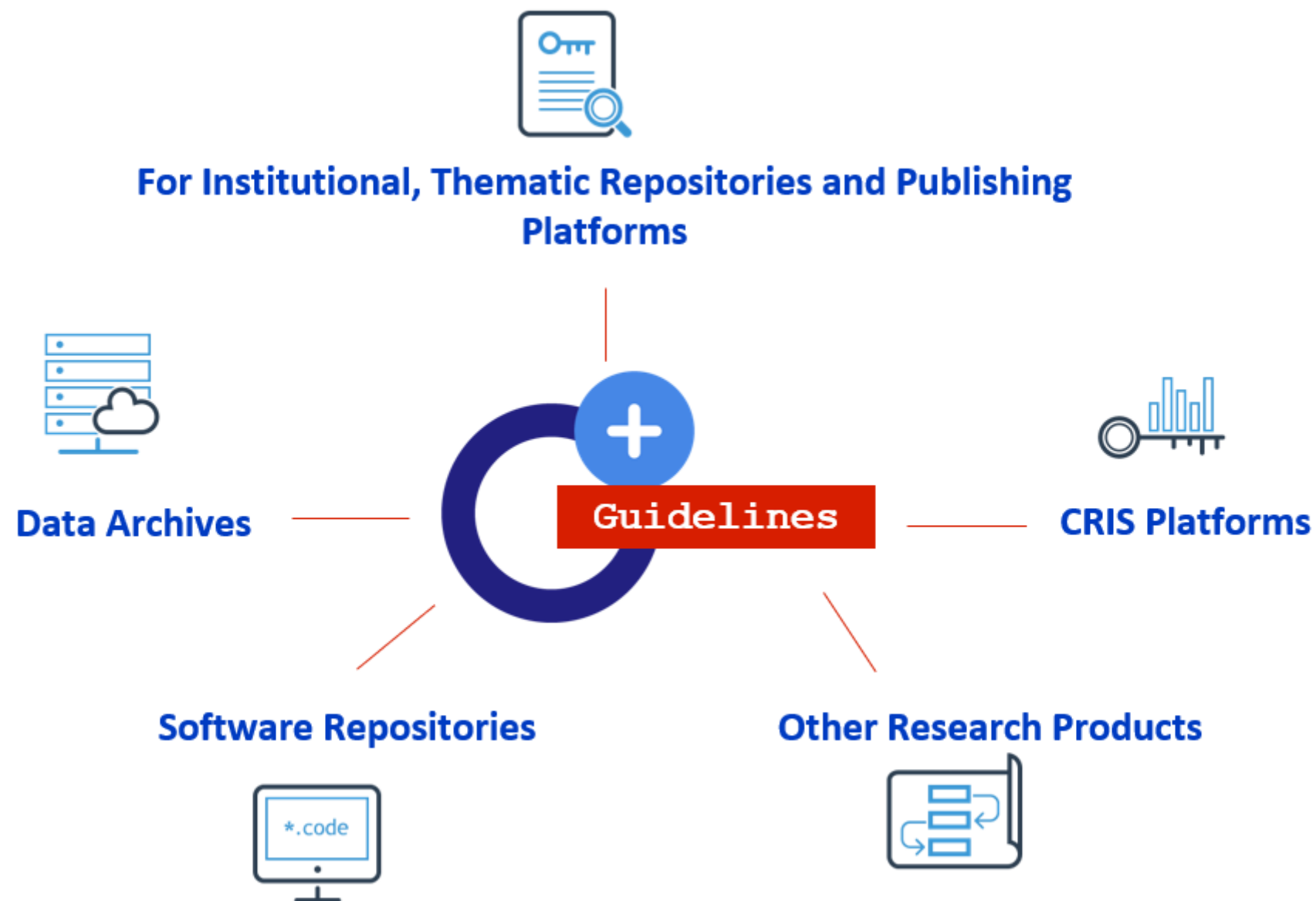




**Metadata describing Open Access and non-Open Access material will be included**

[www.openaire.eu](http://www.openaire.eu)

# OpenAIRE's Guidelines for Open Science Content Providers



<https://guidelines.openaire.eu>

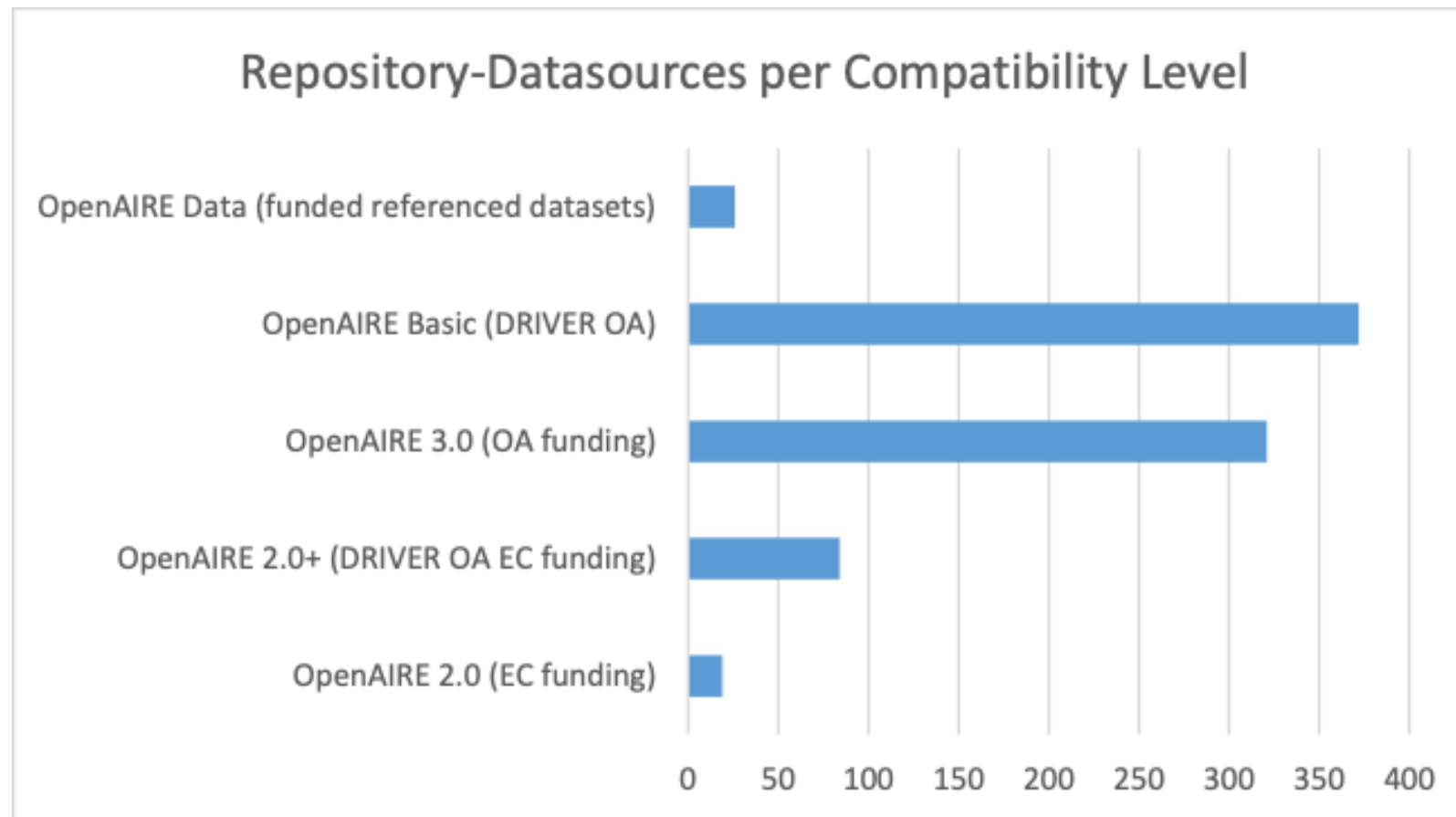
# OpenAIRE Guidelines for Content Providers - new Metadata Application Profile for Literature Repositories

Jochen Schirrwagen, UNIBI  
Andreas Czerniak, UNIBI  
Pedro Principe, UMINHO

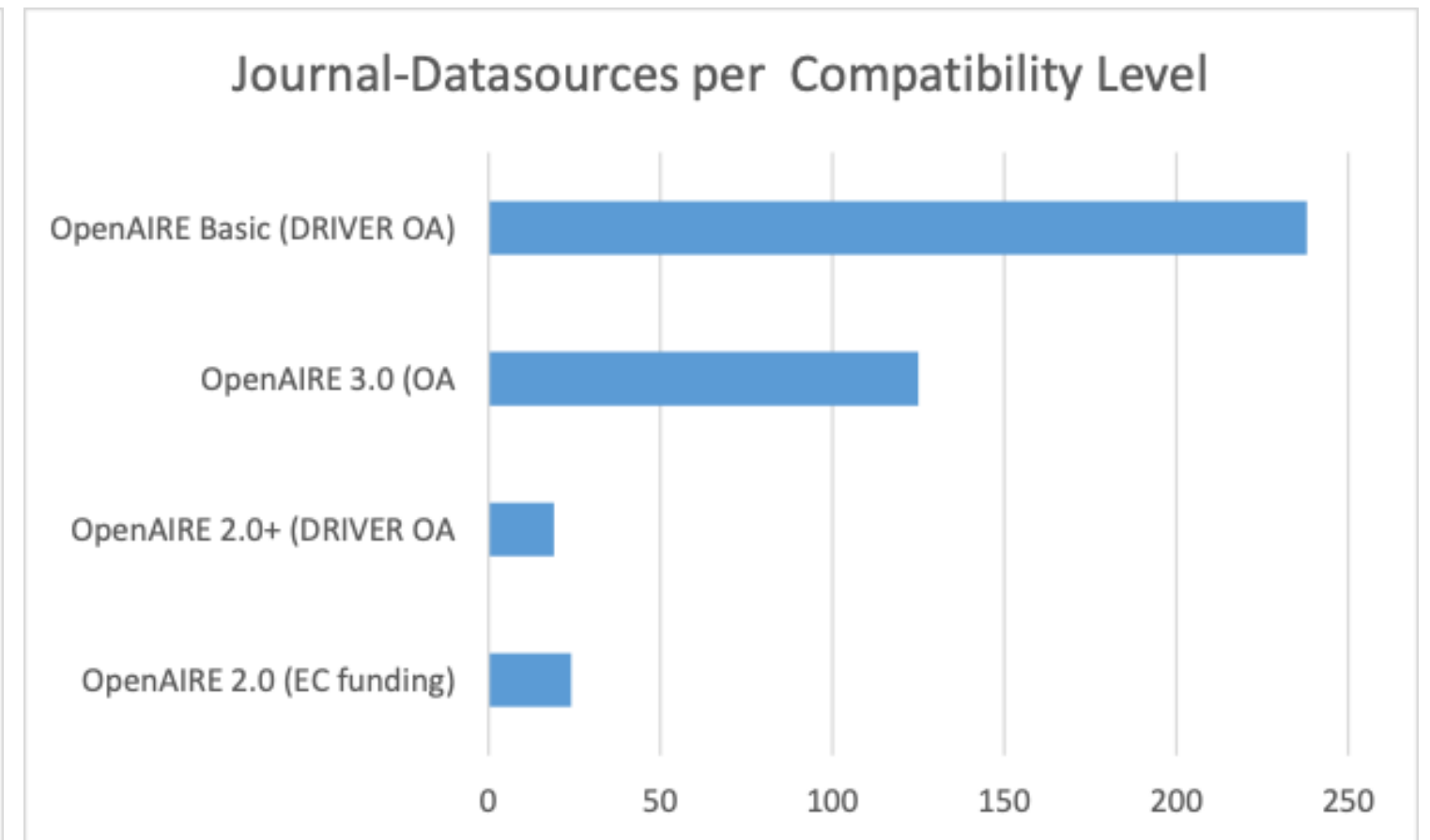
# Overview of OpenAIRE Interoperability Guidelines



# Datasources Guidelines-Compatibility

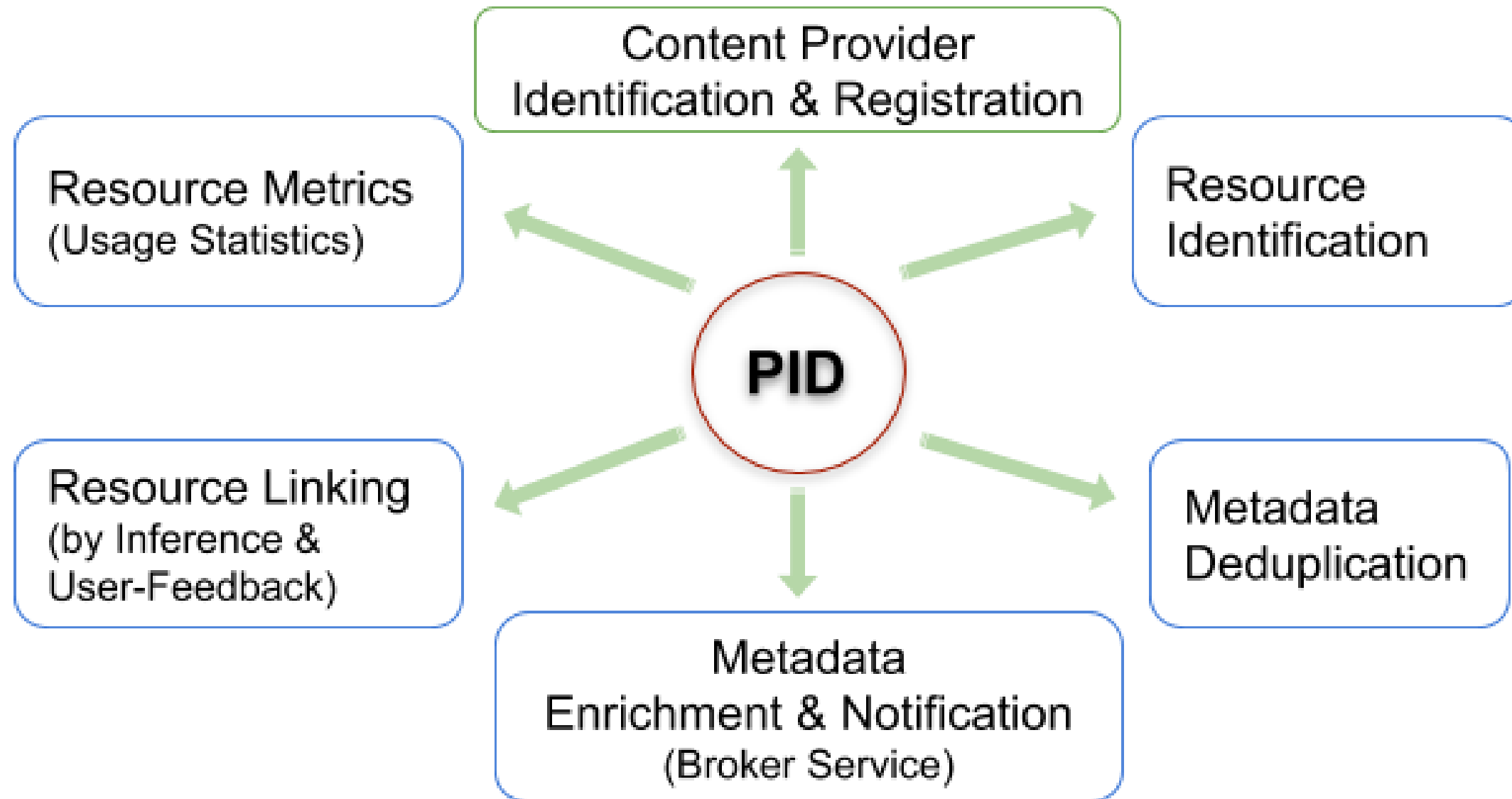


In addition:  
158 repositories are collected from a compatible aggregator



In addition:  
12,284 journals are collected from a compatible publisher or aggregator

# Role of PIDs in OpenAIRE



# Guidelines v4 and Application Profile

# What's new

- Application profil based on Dublin Core & DataCite metadata schemes
- requires a new OAI metadata prefix “oai\_openaire”, but requires no specific OAI-set
- supports various identifier schemes for entities like authors, organisations, funders, scholarly works
- uses controlled vocabularies defined by COAR (access rights, resource types, version types)
- compatible with OpenAIRE content acquisition policy

# References

- **Guidelines at** <https://openaire-guidelines-for-literature-repository-managers.readthedocs.io/en/v4.0.0/>
- **Schema and examples on github**  
<https://github.com/openaire/guidelines-literature-repositories>



# OpenAIRE Guidelines for Literature Repository Managers v4.0

- Based on established standards: Dublin Core and DataCite metadata scheme
- For description of textual and data publications
- Application Profile
- Controlled Vocabularies aligned with the other OpenAIRE Guidelines

<http://dx.doi.org/10.5281/zenodo.1299203>

(Released Nov-2018)



OpenAIRE-Field	Metadata Element	Refinement by Vocabulary
Title (M)	datacite:title	title type
Creator (M)	datacite:creator	name type
Contributor (MA)	datacite:contributor	name type contributor type
Funding Reference (MA)	oire:fundingReference	funderIdentifier type
Alternate Identifier (R)	datacite:alternateIdentifier	alternateIdentifier type
Related Identifier (R)	datacite:relatedIdentifier	relatedIdentifier type relation type resourcetype general
Embargo Period Date (MA)	datacite:date	date type
Language (MA)	dc:language	IETF BCP 47, ISO 639-3
Publisher (MA)	dc:publisher	
Publication Date (M)	datacite:date	date type
Resource Type (M)	oire:resourceType	COAR Resource Type Vocabulary
Description (MA)	dc:description	
Format (R)	dc:format	
Resource Identifier (M)	datacite:identifier	identifier type
Access Rights (M)	datacite:rights	COAR Access Right Vocabulary
Source (R)	dc:source	
Subject (MA)	datacite:subject	
License Condition (R)	oire:licenseCondition	
Coverage (R)	dc:coverage	
Size (O)	datacite:size	
Geo Location (O)	datacite:geoLocation	
Resource Version (R)	oire:version	COAR Version Vocabulary
File Location (MA)	oire:file	
Citation Title (R)	oire:citationTitle	
Citation Volume (R)	oire:citationVolume	
Citation Issue (R)	oire:citationIssue	
Citation Start Page (R)	oire:citationStartPage	
Citation End Page (R)	oire:citationEndPage	
Citation Edition (R)	oire:citationEdition	
Citation Conference Place (R)	oire:citationConferencePlace	
Citation Conference Date (R)	oire:citationConferenceDate	
Audience (O)	dcterms:audience	

# Metadata Goals

Goal	Metadata Groups
Discovery and Citability	Descriptive metadata
Accessibility and Reuse	Access Rights, License Conditions
Contextualization	Research Project, Linked Research Artefacts
Interoperability	Identifier for Entities, Controlled Vocabularies
Reporting	Funding Reference
TDM	File Location, License Conditions

# Discovery and Citability I

Property	Requirement level	Granularity
Creator	Mandatory	Attributes for firstName, lastName, identifier
Publication Date	Mandatory	
Title	Mandatory	
Resource Identifier	Mandatory	Identifier Type
Resource Type	Mandatory / Controlled	
Contributor	Mandatory if applicable	
Language	Mandatory if applicable / Controlled	
Description	Mandatory if applicable	
Subject	Mandatory if applicable	
Publisher	Mandatory if applicable	

# Discovery and Citability II

Property	Requirement level	Granularity
Source	Recommended	
Coverage	Recommended	
Audience	Optional	
GeoLocation	Optional	
Resource Version	Recommended	
Citation Title	Recommended	
Citation Volume	Recommended	
Citation Issue	Recommended	
Citation Start Page	Recommended	
Citation End Page	Recommended	
Citation Edition	Recommended	
Citation Conference Place	Recommended	
Citation Conference Date	Recommended	

# Accessibility and Reuse

Property	Requirement level	Granularity
Access Rights	Mandatory / Controlled	
License Condition	Recommended	



# Reporting (to Funders)

Property	Requirement level	Granularity
Funding Reference	Mandatory if applicable	funderName, award ...
Embargo Period Date	Mandatory if applicable	

# Interoperability

Property	Requirement level	Granularity
Format	Recommended	
Alternate Identifier	Recommended	identifier type
Related Identifier	Recommended	identifier type, relation type, resource type

# Mining and Download

Property	Requirement level	Granularity
File Location	Mandatory if applicable	
Size	Optional	
Related Identifier	Recommended	identifier type, relation type, resource type

# Implementation Roadmap

# Implementation in Repositories

Software	Supported Version	Status	Comments
DSpace	7 (in prep.) 5 & 6 (in test)	In preparation - DSpace OpenAIRE 4.0 WG Implementations by PT repos RCAAP for v.5	70 days effort (WG timeline plans) Documentation will be available ASAP
EPrints	All	Contacted	May need funding via Jisc or OpenAIRE
Invenio / zenodo		On their roadmap	
Islandora		Contacted	
Librecat		Contacted	
OPUS	4 (in prod.)	Contacted	
MyCoRe		Contacted	
HAL		Contacted	May have very limited resources



# Implementation in the OpenAIRE Infrastructure

Service	What	When	Comments
Validator	Ruleset for Guidelines v4	In preparation	also required for Guidelines implementers
DataSource Registration & Update	Compatibility Level MetadataFormat		
Aggregation	Transformation Rules	In preparation	

# Thank you!

[guidelines@openaire.eu](mailto:guidelines@openaire.eu)



A silhouette of five people standing on a rocky cliff, celebrating with their arms raised against a sunset sky. The scene is dark, with the sun low on the horizon, creating a warm orange glow. The people are positioned in the center of the frame, with their dark forms contrasting against the lighter sky.

2

**Dashboard for  
Content Providers  
& the Broker Service.**

*Service demo and test drive:  
content enrichment events.*

# OpenAIRE Services

From basic infrastructure level to value added



Search & Share



Funder Monitoring Dashboard



OpenAIRE | CONNECT



Helpdesk



Training



Research Analytics



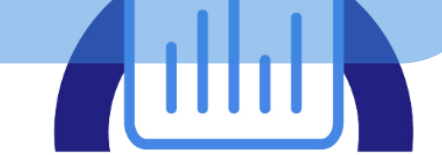
Institution Monitoring Dashboard



OpenAIRE | EXPLORE



OA Broker



Usage Analytics



Funder Monitoring Dashboard



Open Science Observatory



OpenAIRE | PROVIDE



APIs



Interoperability Guidelines



easyDMP



Anonymization



OpenAIRE | DEVELOP



Zenodo



Validator

# OpenAIRE Content Provider Dashboard – *what it is*



**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.**



[provide.openaire.eu](https://provide.openaire.eu)



Validator



Interoperability Guidelines



OA Broker



Usage Analytics



Validate

Interoperable metadata is key for effective content sharing.



Register

Reach a wider audience around the world



Enrich

Improve your metadata. Get more connections



Measure

Open research impact empowers Open Science



The background of the slide features a photograph of three rock climbers ascending a dark, craggy cliff face. They are silhouetted against a bright blue sky filled with wispy white clouds. The climbers are positioned vertically, with the top climber at the top right, the middle climber in the center, and the bottom climber at the bottom left. They are holding onto ropes and reaching for handholds on the rock. The overall scene conveys a sense of teamwork and overcoming challenges.

# one stop shop for all OpenAIRE content providers

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

**SUPPORT, PROMOTE, ENRICH**



# Dashboard usage



---

## TARGET USERS

Repository managers (literature, data), libraries, content providers, publishers, national aggregators.

---

## USER BASE

800 content providers have used the registration and validation service (*V1 focused on literature repositories, 1200 all types for V2*).

---

## USER VALUE

**Improve repository collections** and content for **enhanced visibility** and access. Improved institution memory. Better institution research assessment. **Compliance to funder rules**. Improved repository **interoperability**.

# OpenAIRE Content Provider Dashboard

*what it does*





# Content Provider Dashboard



DASHBOARD

SOURCES

COMPATIBILITY

CONTENT

METRICS



## Register

Register data sources in the OpenAIRE infrastructure



## Validate

Validate data sources against OpenAIRE guidelines



## Notifications

View notifications to enrich the metadata and the content



## Metrics

View aggregated, cleaned usage statistics for repository access



# 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**



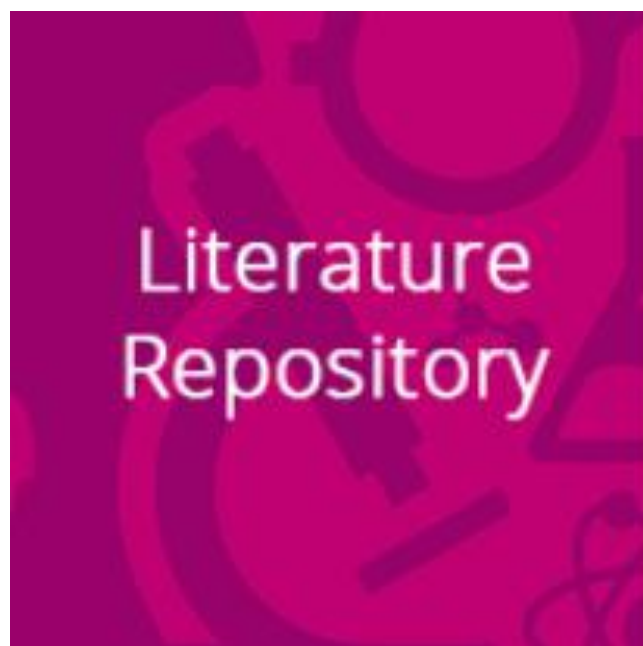


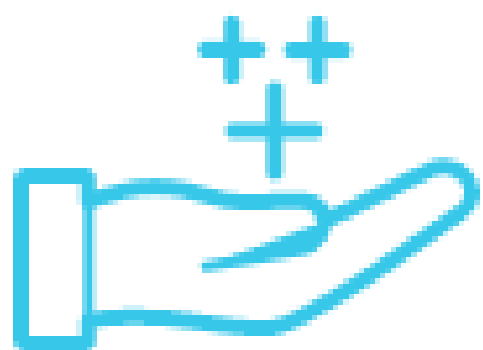


## Reach a wider audience around the world

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

# REGISTER





## **ENRICH**

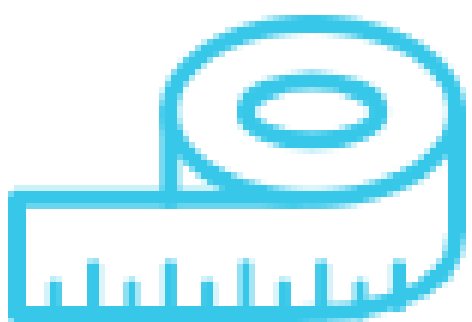
# **Improve your metadata. Get more connections**

OA Broker service offers a wealth of information on scholarly communication data.

**Find out what interests you and subscribe to enrich your records.**

More & Missing events that may enrich your Repository:

- **Persistent identifiers**
- **Open Access Versions**
- **Projects**
- **Subjects**
- **Abstracts**
- ... datasets, software



## MEASURE

# Open research impact empowers Open Science

Open Metrics service by sharing your usage data.  
Get the benefit of an aggregated environment to  
broaden the mechanisms for impact assessment.

## Get usage statistics reports for your datasource

AR1

Article Report 1, number of successful  
article download requests by month and  
repository.

IR1

Item Report 1, number of successful item  
download requests by month and  
repository.

RR1

Repository Report 1, number of successful  
item downloads for all repositories  
participating in the usage statistics service.

BR1

Book Report 1, number of successful title  
requests by month and title.

BR2

Book Report 2, number of successful section  
requests by month and title.

# Novelties





### Register

Register data sources in the OpenAIRE infrastructure



### Validate

Validate data sources against OpenAIRE guidelines



### Notifications



**METADATA ENRICHMENTS FROM THE OPENAIRE BROKER SERVICE (monthly notifications)**

## Enrichments for Universidade do Minho: RepositoriUM

### MORE

EVENTS THAT MAY ENRICH UNIVERSIDADE DO MINHO: REPOSITORYUM CONTENT	# OF EVENTS
<a href="#">ENRICH/MORE/OPENACCESS_VERSION</a> <i>OpenAIRE discovered another Open Access version of a publication</i>	18296
<a href="#">ENRICH/MORE/PID</a> <i>OpenAIRE discovered another persistent identifier associated to your publications</i>	5725
<a href="#">ENRICH/MORE/SUBJECT/JEL</a> <i>OpenAIRE discovered more Journal of Economic Literature (JEL) classification terms that can be associated to your publications</i>	4151

### MISSING

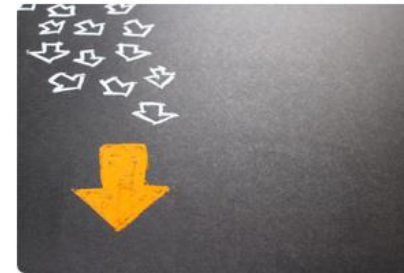
EVENTS THAT MAY ENRICH UNIVERSIDADE DO MINHO: REPOSITORYUM CONTENT	# OF EVENTS
<a href="#">ENRICH/MISSING/PROJECT</a> <i>OpenAIRE discovered references to research projects that can be associated to your publications</i>	3422
<a href="#">ENRICH/MISSING/PID</a>	3132
<a href="#">ENRICH/MISSING/SUBJECT/DDC</a> <i>OpenAIRE discovered Dewey Decimal classification terms (DDC) that can be associated to your publications</i>	736





### Register

Register data sources in the OpenAIRE infrastructure



### Validate

Validate data sources against OpenAIRE guidelines

Collection monitor provides the aggregation history

**2018-09-18**  
Aggregation stage - TRANSFORM  
Number of records - 42940

**2018-09-18**  
Aggregation stage - COLLECT  
CollectionMode - REFRESH  
Number of records - 43076

**2018-09-04**  
Aggregation stage - TRANSFORM  
Number of records - 42822

**2018-09-04**  
Aggregation stage - COLLECT  
CollectionMode - REFRESH  
Number of records - 42956

**2018-08-27**  
Aggregation stage - TRANSFORM  
Number of records - 42745

**2018-08-27**  
Aggregation stage - COLLECT  
CollectionMode - REFRESH



Register

Register



Validate



Log out

Get usage statistics report for Universidade do Minho: RepositoriUM

Supported Reports



Article Report 1, number of successful article download requests by month and repository.



Item Report 1, number of successful item download requests by month and repository.



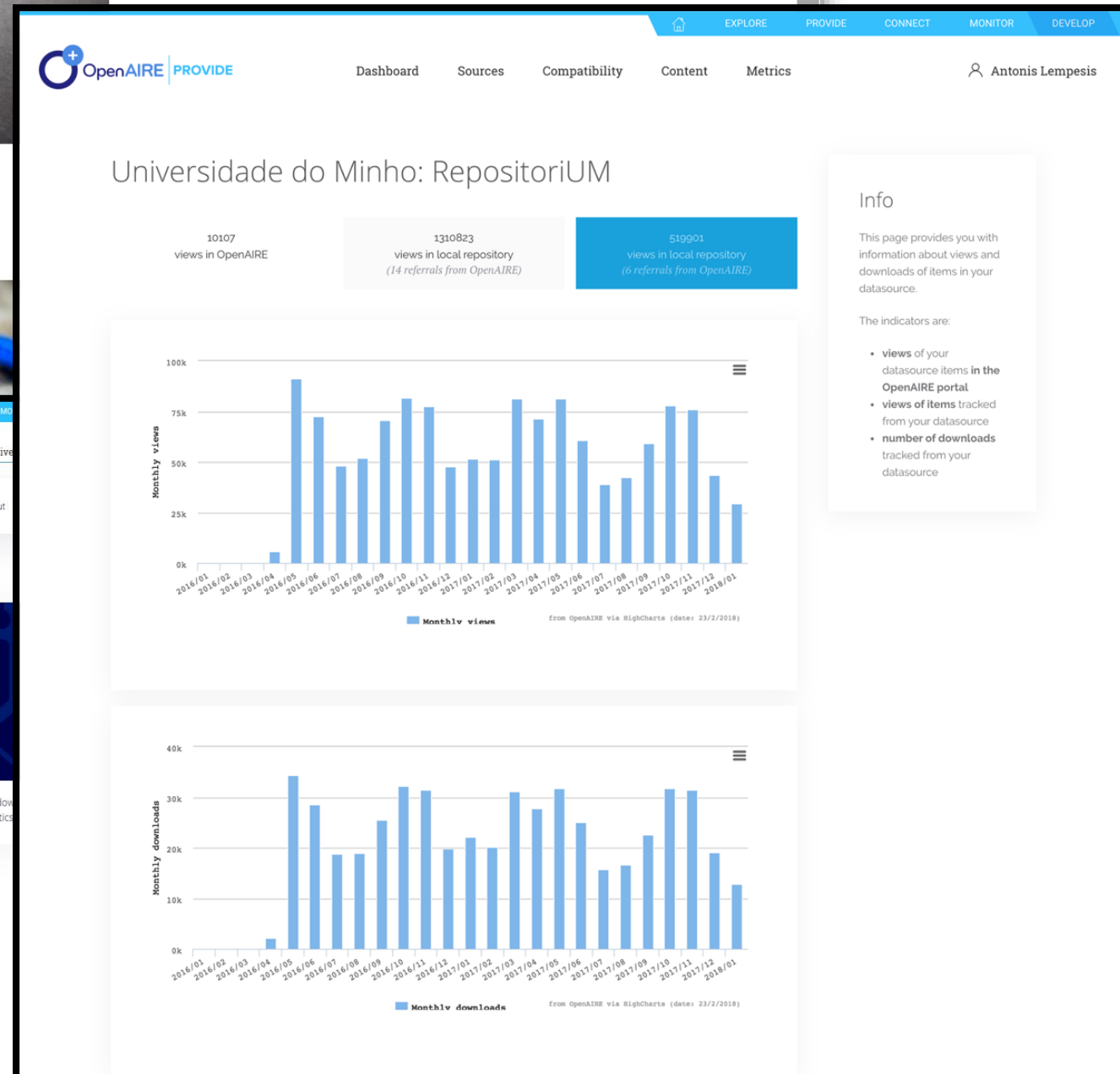
Repository Report 1, number of successful item downloads from all repositories participating in the usage statistics.



Book Report 1, number of successful title requests by month and title.



Book Report 2, number of successful section requests by month and title.



**THE SERVICE COLLECTS AND EXPLOITS USAGE METRICS LIKE DOWNLOADS AND METADATA VIEWS (tracking plugin, SUSHI endpoint, COUNTER reports)**

## Metrics Configuration & Software Details

OpenAIRE's usage statistic service uses the *Piwik Open Source Analytics platform* (piwik.org) to track usage activity enabled for a repository. Two unique identifiers are generated - a piwik-ID that associates the repository with its own authentication-ID that allows to track usage activity on the Piwik platform. Metadata views and item downloads are automatically sent to Piwik. Statistics are generated using the COUNTER Code of practice directives.

OpenAIRE's usage statistics service tracking code exploits Piwik's API. In order to make the tracking of usage even more robust, it was necessary to implement repository platform specific patches and plugins starting with DSpace 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>)

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

PiwikID  
104

AuthenticationToken  
106629304



[provide.openaire.eu](https://provide.openaire.eu)

## Content provider?

Join OpenAIRE, use our tools  
and make your content more  
visible around the world.

[OpenAIRE.PROVIDE](#)

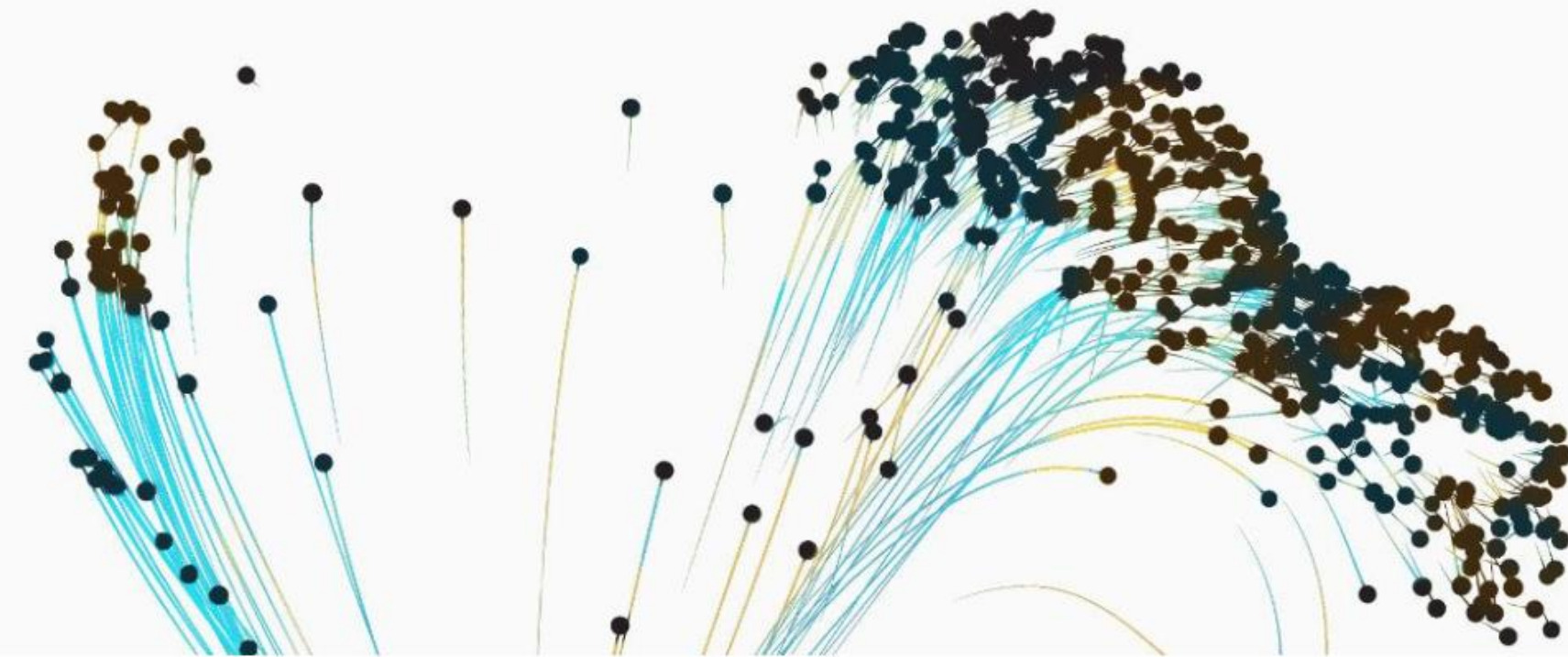
**In production since October!**



# Content Provider Dashboard

A one-stop-shop for sharing, finding and  
enriching your content

[Start here](#)



[provide.openaire.eu](https://provide.openaire.eu)

## Content provider?

Join OpenAIRE, use our tools  
and make your content more  
visible around the world.

[OpenAIRE.PROVIDE](#)

**For test drive:  
repositorium  
openaire1!**

# Support materials for Content Providers Dashboard uptake

## Support – guides

- [Provide - How to validate and register your repository](#)
- [Provide - How to enrich research artifacts](#)
- [Usage Statistics – How to track the usage activity of your repository](#)
- [ScholExplorer - Literature & Data interlinking](#)
- [Making your repository Open](#)

## Training – webinars

- [Make your content count - OpenAIRE Content providers Dashboard: service for repository managers](#)
- [OpenAIRE metrics service: usage statistics](#)
- [OpenAIRE Guidelines for data providers: new Metadata Application Profile for Literature Repositories](#)

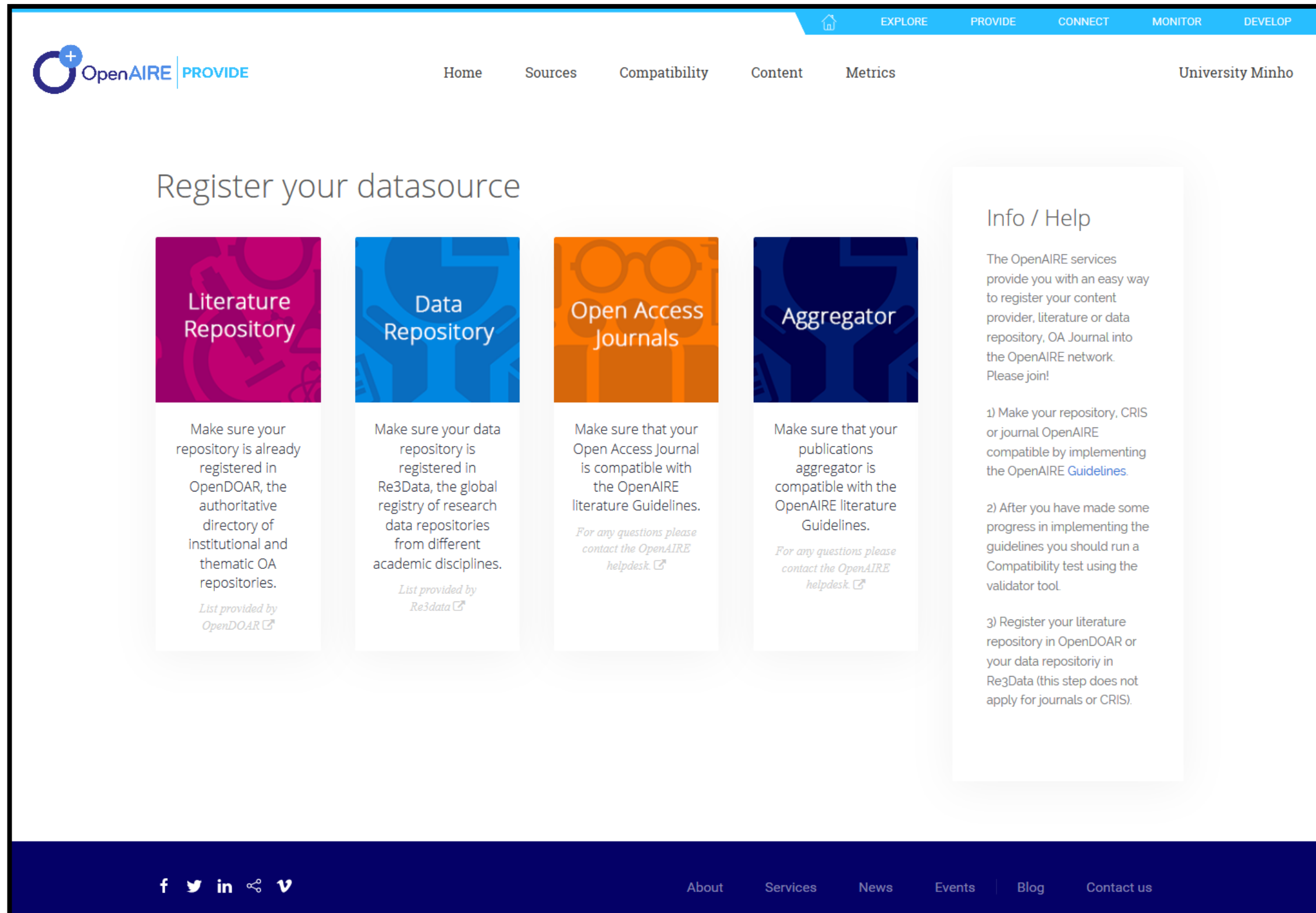


# OpenAIRE Content Provider Dashboard

*what comes next*



# 1. SOURCES Register & Update



The screenshot shows the OpenAIRE PROVIDE website. The top navigation bar includes 'EXPLORE', 'PROVIDE', 'CONNECT', 'MONITOR', and 'DEVELOP'. The main navigation bar includes 'Home', 'Sources', 'Compatibility', 'Content', 'Metrics', and 'University Minho'. The main content area is titled 'Register your datasource' and features four colored boxes for registration options: Literature Repository (purple), Data Repository (blue), Open Access Journals (orange), and Aggregator (dark blue). Each box contains instructions and a link to the OpenAIRE helpdesk. To the right is an 'Info / Help' section with a list of steps for registration. The footer includes social media icons and links for 'About', 'Services', 'News', 'Events', 'Blog', and 'Contact us'.

OpenAIRE PROVIDE

Home Sources Compatibility Content Metrics University Minho

## Register your datasource

### Literature Repository

Make sure your repository is already registered in OpenDOAR, the authoritative directory of institutional and thematic OA repositories.

List provided by OpenDOAR [↗](#)

### Data Repository

Make sure your data repository is registered in Re3Data, the global registry of research data repositories from different academic disciplines.

List provided by Re3data [↗](#)

### Open Access Journals

Make sure that your Open Access Journal is compatible with the OpenAIRE literature Guidelines.

For any questions please contact the OpenAIRE helpdesk [↗](#)

### Aggregator

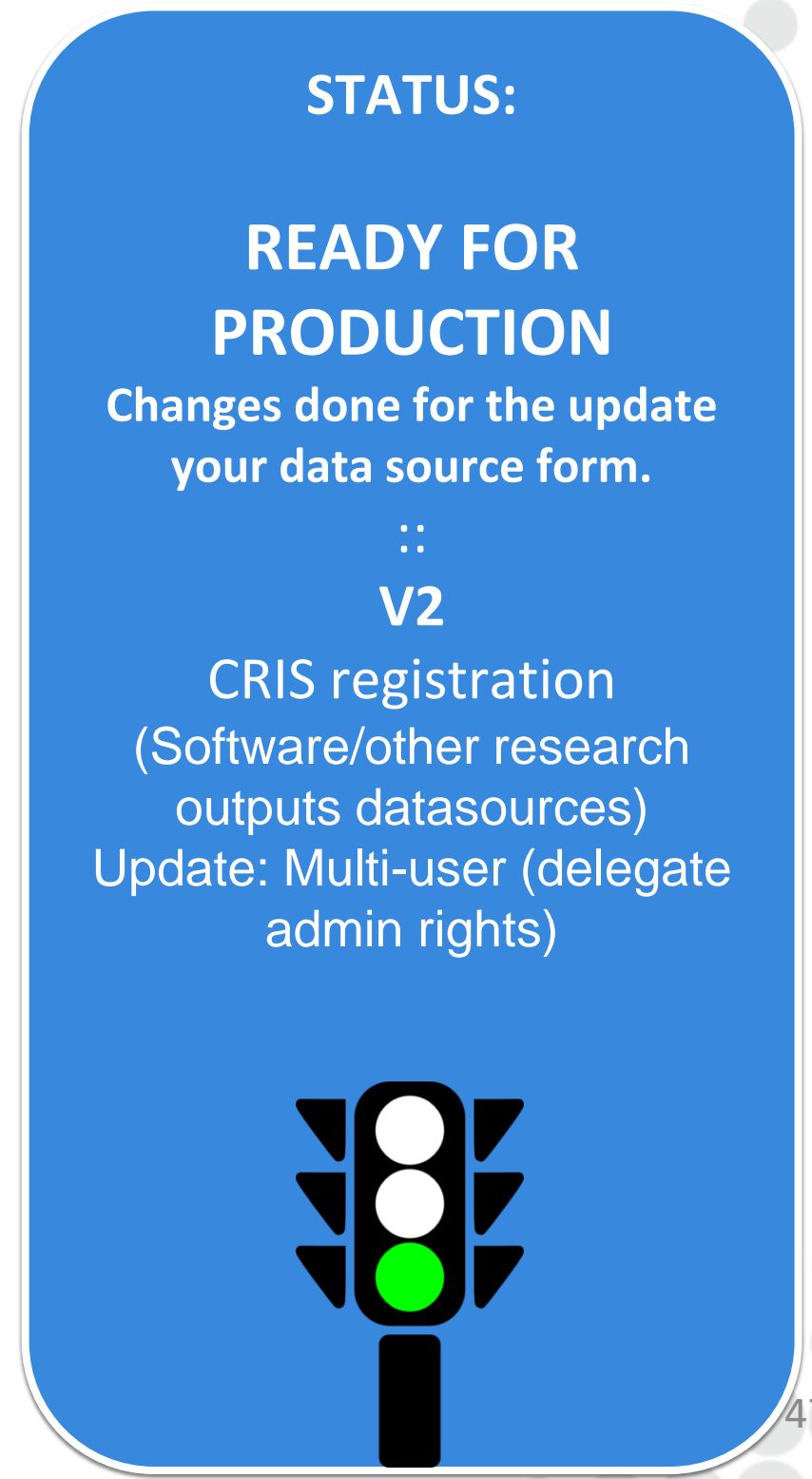
Make sure that your publications aggregator is compatible with the OpenAIRE literature Guidelines.

For any questions please contact the OpenAIRE helpdesk [↗](#)

### Info / Help

The OpenAIRE services provide you with an easy way to register your content provider, literature or data repository, OA Journal into the OpenAIRE network. Please join!

- 1) Make your repository, CRIS or journal OpenAIRE compatible by implementing the OpenAIRE Guidelines.
- 2) After you have made some progress in implementing the guidelines you should run a Compatibility test using the validator tool.
- 3) Register your literature repository in OpenDOAR or your data repository in Re3Data (this step does not apply for journals or CRIS).



**STATUS:**

**READY FOR PRODUCTION**


Changes done for the update your data source form.

::

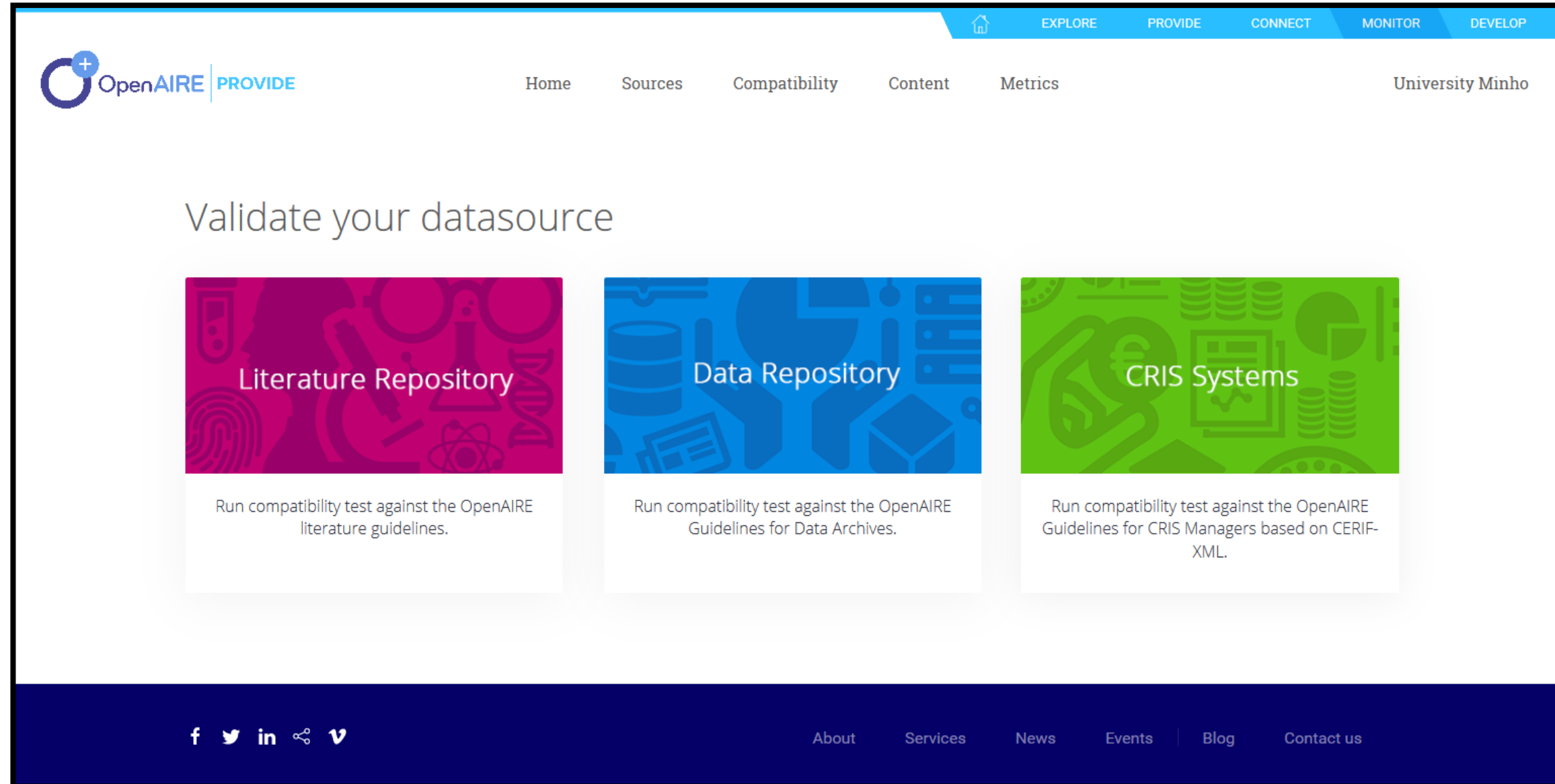
**V2**

CRIS registration (Software/other research outputs datasources)

Update: Multi-user (delegate admin rights)



## 2. COMPATIBILITY Validator & validation history



The screenshot shows the OpenAIRE PROVIDE website interface. At the top, there is a navigation bar with links for EXPLORE, PROVIDE, CONNECT, MONITOR, and DEVELOP. Below this, a secondary navigation bar includes Home, Sources, Compatibility, Content, and Metrics, along with the University of Minho logo. The main heading is "Validate your datasource". Three cards are displayed: "Literature Repository" (red background), "Data Repository" (blue background), and "CRIS Systems" (green background). Each card contains a description of the compatibility test it performs against OpenAIRE guidelines. The footer includes social media icons and links for About, Services, News, Events, Blog, and Contact us.

STATUS:

**READY FOR PRODUCTION**

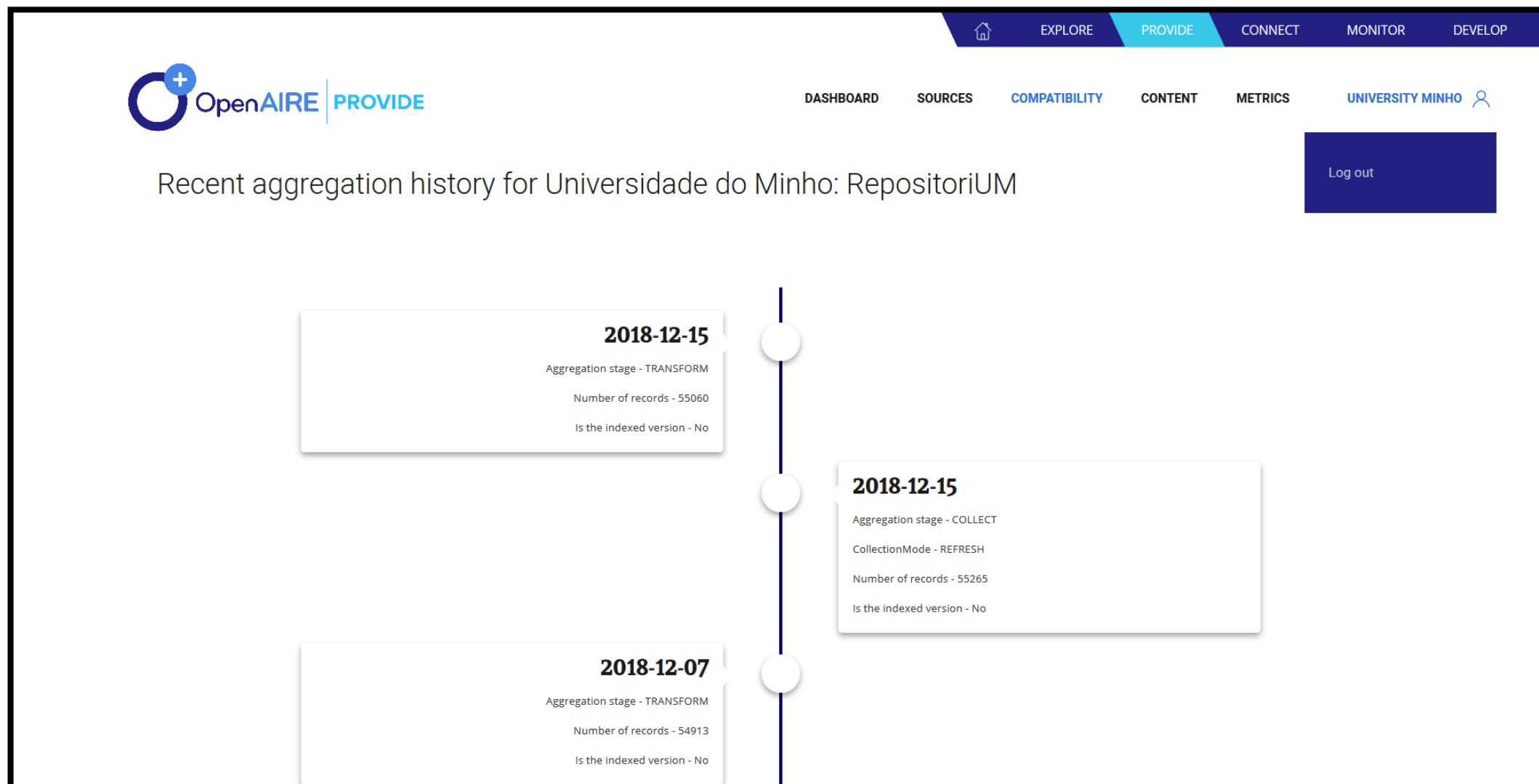
::

**V2**

- 1) Compatibility test for CRIS (Software/other research outputs datasources?)
- 2) New guidelines versions



# 2. COMPATIBILITY Collection monitor



OpenAIRE | PROVIDE

DASHBOARD SOURCES COMPATIBILITY CONTENT METRICS UNIVERSITY MINHO

Log out

Recent aggregation history for Universidade do Minho: RepositoriUM

Date	Aggregation stage	Number of records	Is the indexed version
2018-12-15	TRANSFORM	55060	No
2018-12-15	COLLECT	55265	No
2018-12-07	TRANSFORM	54913	No

STATUS:

**READY FOR PRODUCTION**

WIP: Improve User Interface (add colours)  
Fix issues with date

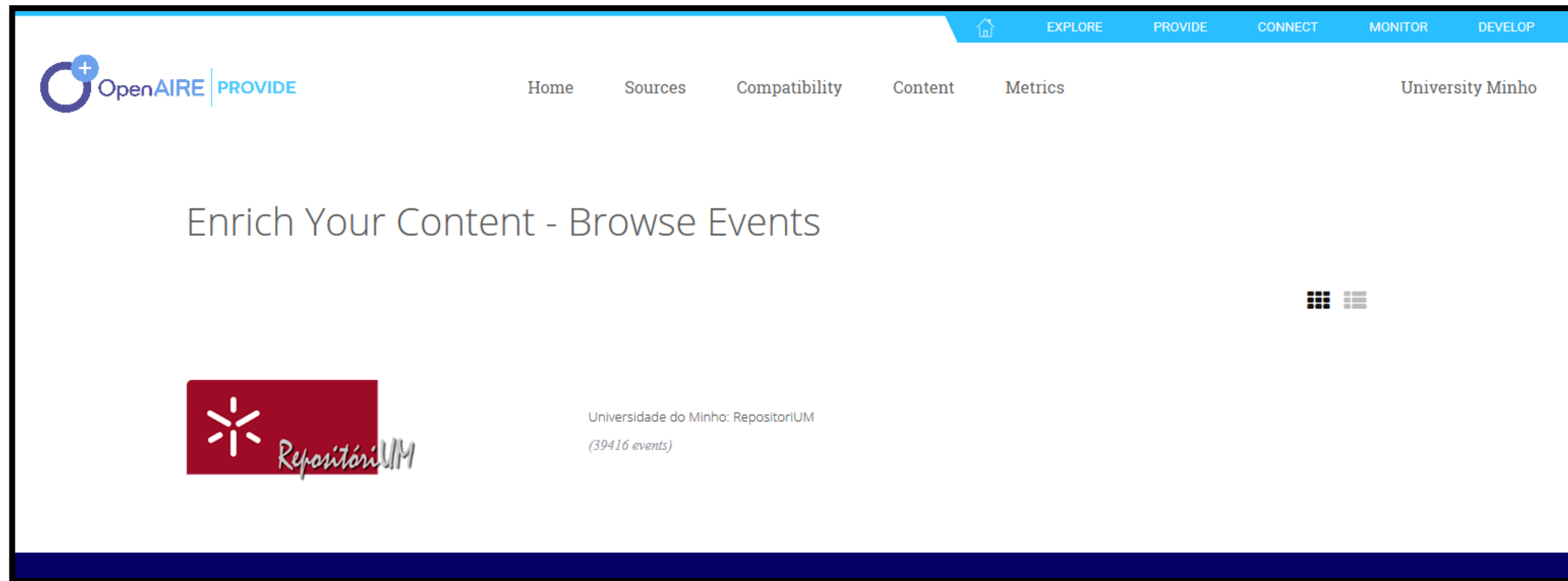
⋮

**V2**  
Continuous validation (history)

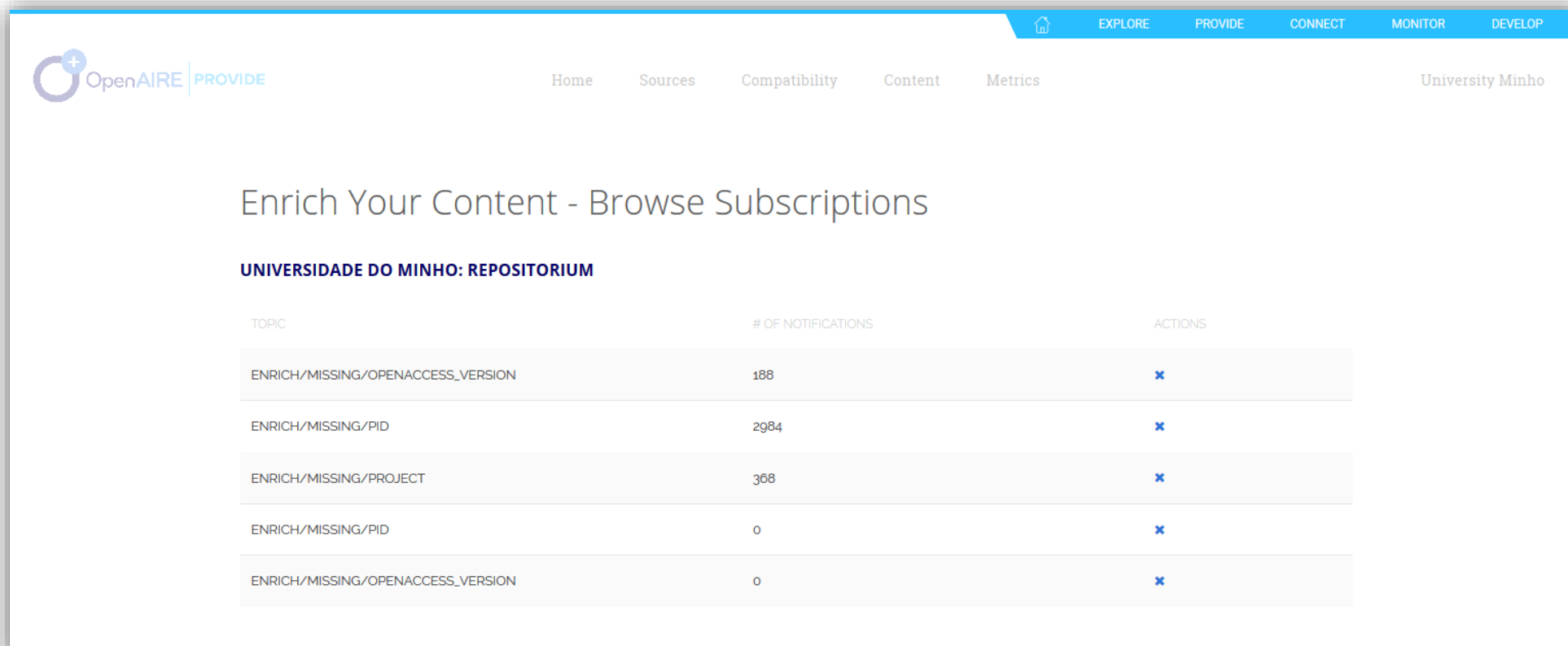









# 3. CONTENT Events & notifications (broker)



The screenshot shows the 'Enrich Your Content - Browse Events' page. The header includes the OpenAIRE PROVIDE logo and navigation links: Home, Sources, Compatibility, Content, Metrics, and University Minho. The main content area features the University of Minho logo and the text 'Universidade do Minho: RepositoriUM (39416 events)'. A grid icon is visible on the right side of the page.



The screenshot shows the 'Enrich Your Content - Browse Subscriptions' page. The header is identical to the previous screenshot. The main content area displays a table of subscriptions for 'UNIVERSIDADE DO MINHO: REPOSITORIUM'.

TOPIC	# OF NOTIFICATIONS	ACTIONS
ENRICH/MISSING/OPENACCESS_VERSION	188	
ENRICH/MISSING/PID	2984	
ENRICH/MISSING/PROJECT	368	
ENRICH/MISSING/PID	0	
ENRICH/MISSING/OPENACCESS_VERSION	0	

STATUS:

**READY FOR PRODUCTION**

Fix issues identified during the testing phase.

::

**V2**

Alerts (discarded records and metadata errors)

New enrichments (catch-all broker – datasets & software)

More info in projects links

Additions (V3?)

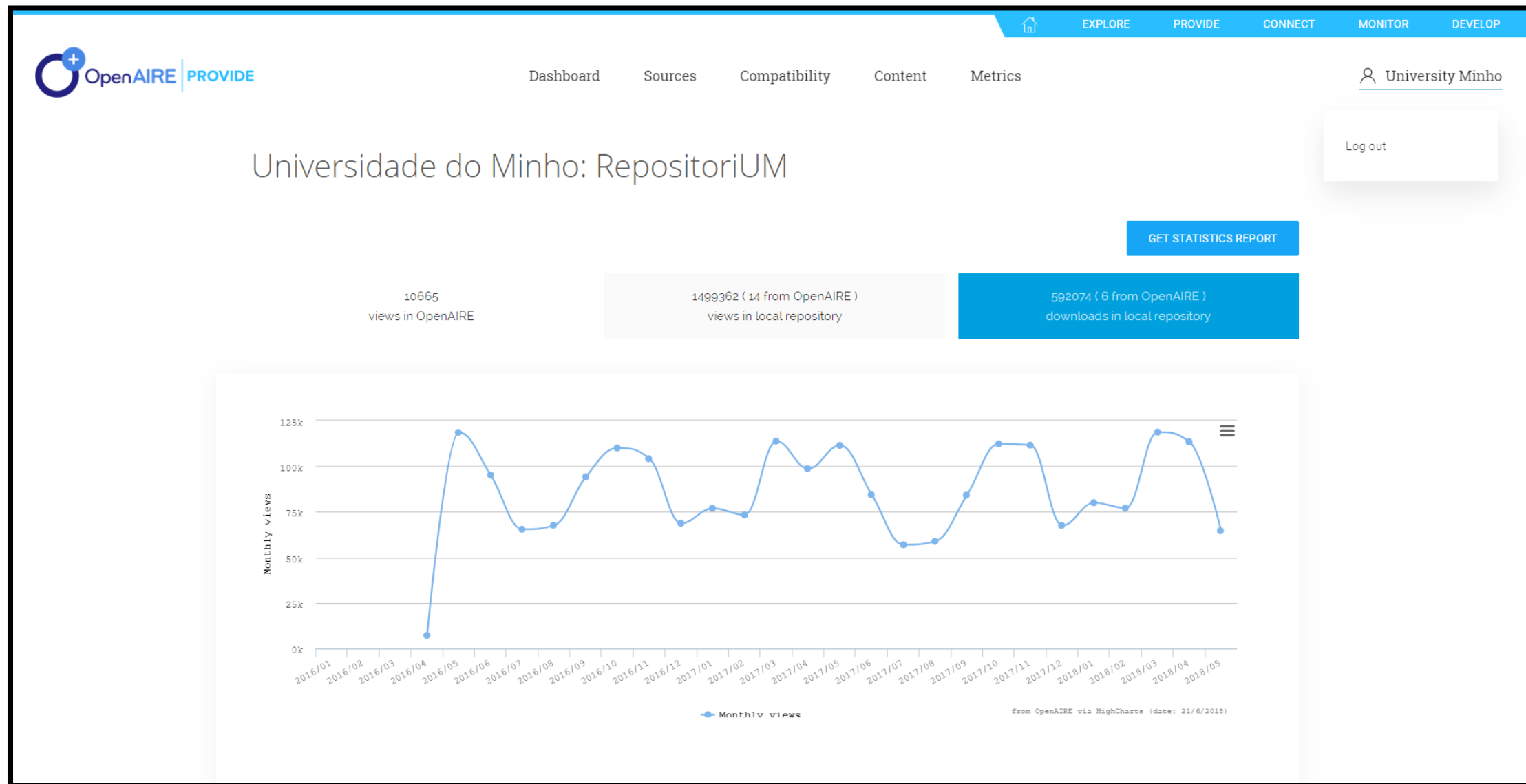


# New broker events

- **ORCID > Publications/Datsets/software**
- **Datasets > Projects**
- **Publications <-> Software**
- **Publications <-> Datasets**

EVENTS THAT MAY ENRICH UNIVERSIDADE DO MINHO: REPOSITORY CONTENT	# OF EVENTS	EVENTS THAT MAY ENRICH UNIVERSIDADE DO MINHO: REPOSITORY CONTENT	# OF EVENTS
<b>ENRICH/MORE/OPENACCESS_VERSION</b> OpenAIRE discovered another Open Access version of a publication	20029	<b>ENRICH/MISSING/PROJECT</b> OpenAIRE discovered references to research projects that can be associated to your publications	8735
<b>ENRICH/MORE/PID</b> OpenAIRE discovered another persistent identifier associated to your publications	3288	<b>ENRICH/MISSING/OPENACCESS_VERSION</b> OpenAIRE discovered Open Access versions of your publications	1754
<b>ENRICH/MORE/SUBJECT/ARXIV</b> OpenAIRE discovered more ARXIV classification terms that can be associated to your publications	1579	<b>ENRICH/MISSING/PID</b> OpenAIRE discovered missing persistent identifiers associated to your publications	726
<b>ENRICH/MORE/SUBJECT/JEL</b> OpenAIRE discovered more Journal of Economic Literature (JEL) classification terms that can be associated to your publications	1257	<b>ENRICH/MISSING/ABSTRACT</b> OpenAIRE discovered missing abstracts among your publications	146
<b>ENRICH/MORE/SUBJECT/DDC</b> OpenAIRE discovered more Dewey Decimal classification terms (DDC) that can be associated to your publications	978	<b>ENRICH/MISSING/SUBJECT/MESHEUOPMC</b> OpenAIRE discovered classification terms from the Medical Subject Headings (MeSH) that can be associated to your publications	87
<b>ENRICH/MORE/SUBJECT/MESHEUOPMC</b> OpenAIRE discovered more classification terms from the Medical Subject Headings (MeSH) that can be associated to your publications	757	<b>ENRICH/MISSING/SUBJECT/JEL</b> OpenAIRE discovered Journal of Economic Literature (JEL) classification terms that can be associated to your publications	44
<b>ENRICH/MORE/SUBJECT/ACM</b> OpenAIRE discovered more ACM classification terms that can be associated to your publications	146	<b>ENRICH/MISSING/SUBJECT/DDC</b> OpenAIRE discovered Dewey Decimal classification terms (DDC) that can be associated to your publications	23
<b>Total</b>	<b>28034</b>	<b>ENRICH/MISSING/SUBJECT/ACM</b> OpenAIRE discovered ACM classification terms that can be associated to your publications	16
		<b>ENRICH/MISSING/SUBJECT/ARXIV</b> OpenAIRE discovered ARXIV classification terms that can be associated to your publications	14
		<b>Total</b>	<b>11545</b>

# 4. METRICS Usage events Views & downloads



STATUS:

WIP

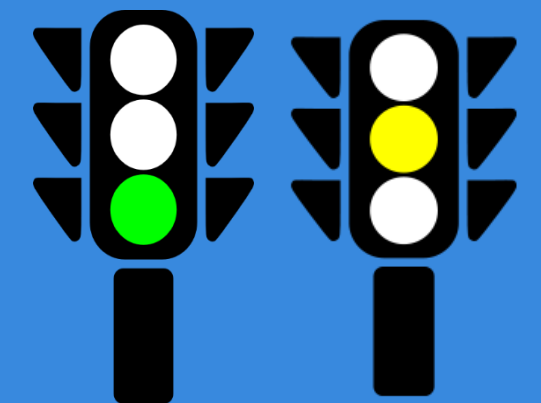
Improve documentation (guidance), explanations on COUNTER usage statistics reports...

Be more explicit about the potential users (dspace, eprints repos)

⋮

V2

More software platforms



# Support & Training materials

## Support materials for Content Providers

### Guides

- Making your repository Open
- Literature & Data interlinking
- How to validate and register your repository
- How to enrich research artifacts
- How to track the usage activity of your repository

### Webinars

- Provide Dashboard

## Planned support materials & training activities

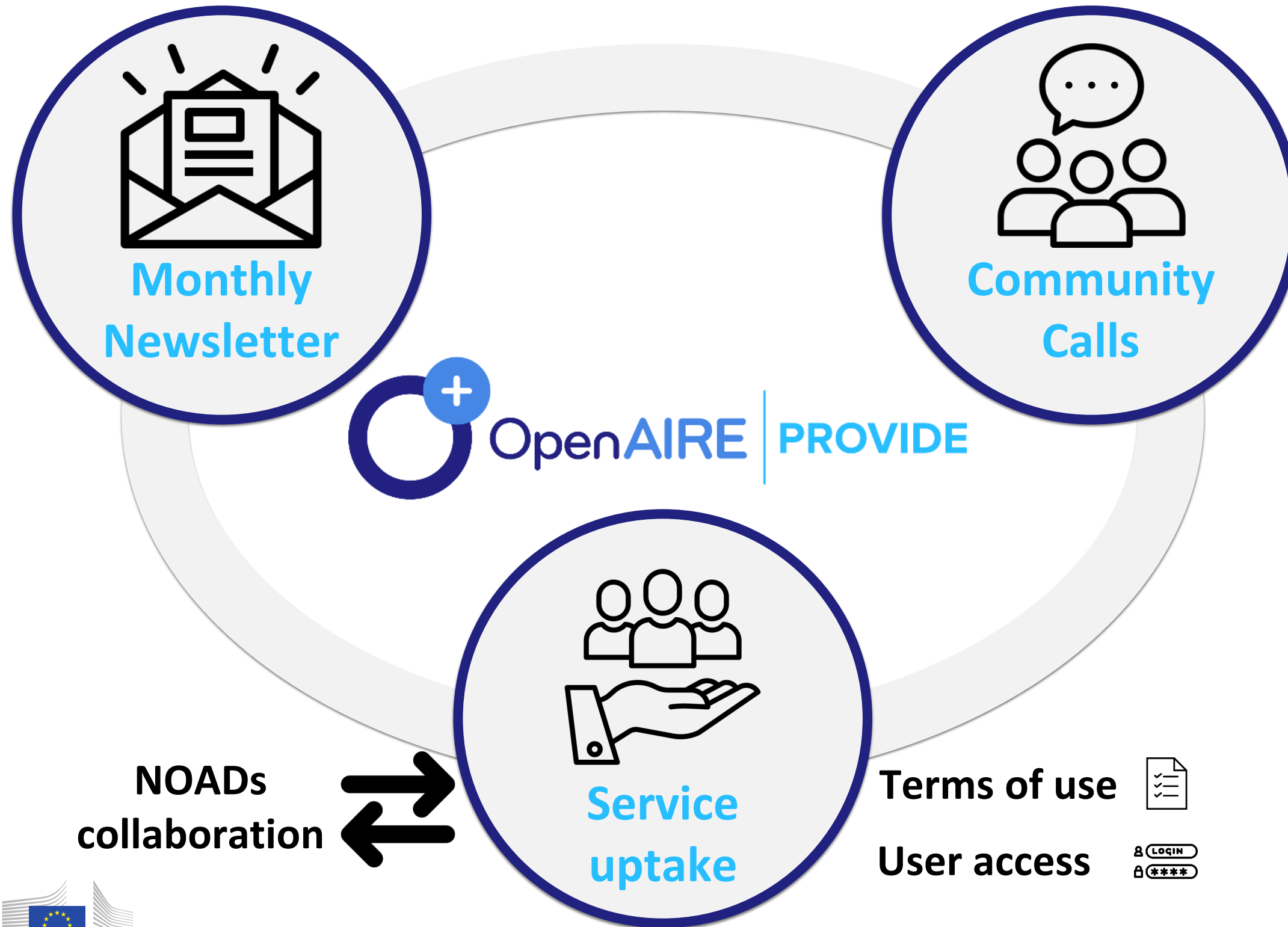
### Support materials

- Guide about the new CAP
- Guides per type of guidelines
- Fact sheet for repository managers (update)
- Fact sheets per type of guidelines
- FAQs related with the new guidelines

### Training activities

- Webinar for NOADs on the new guidelines
- Online meetings with platforms developers

# Support & Dissemination campaign





# OpenAIRE USER FEEDBACK FORM:

<https://forms.gle/uQZQ8954q47az7Vn8>

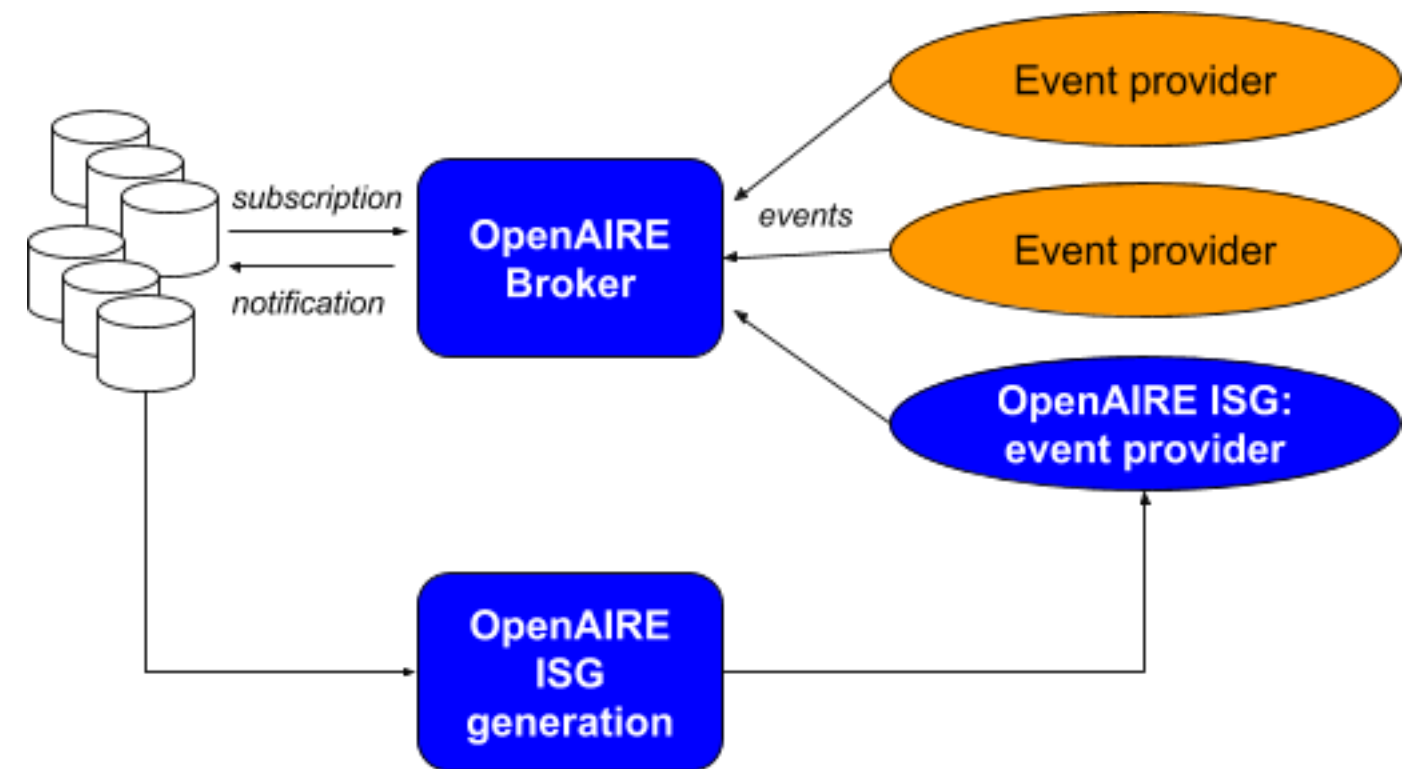
# WHAT COMES NEXT



# PROVIDE

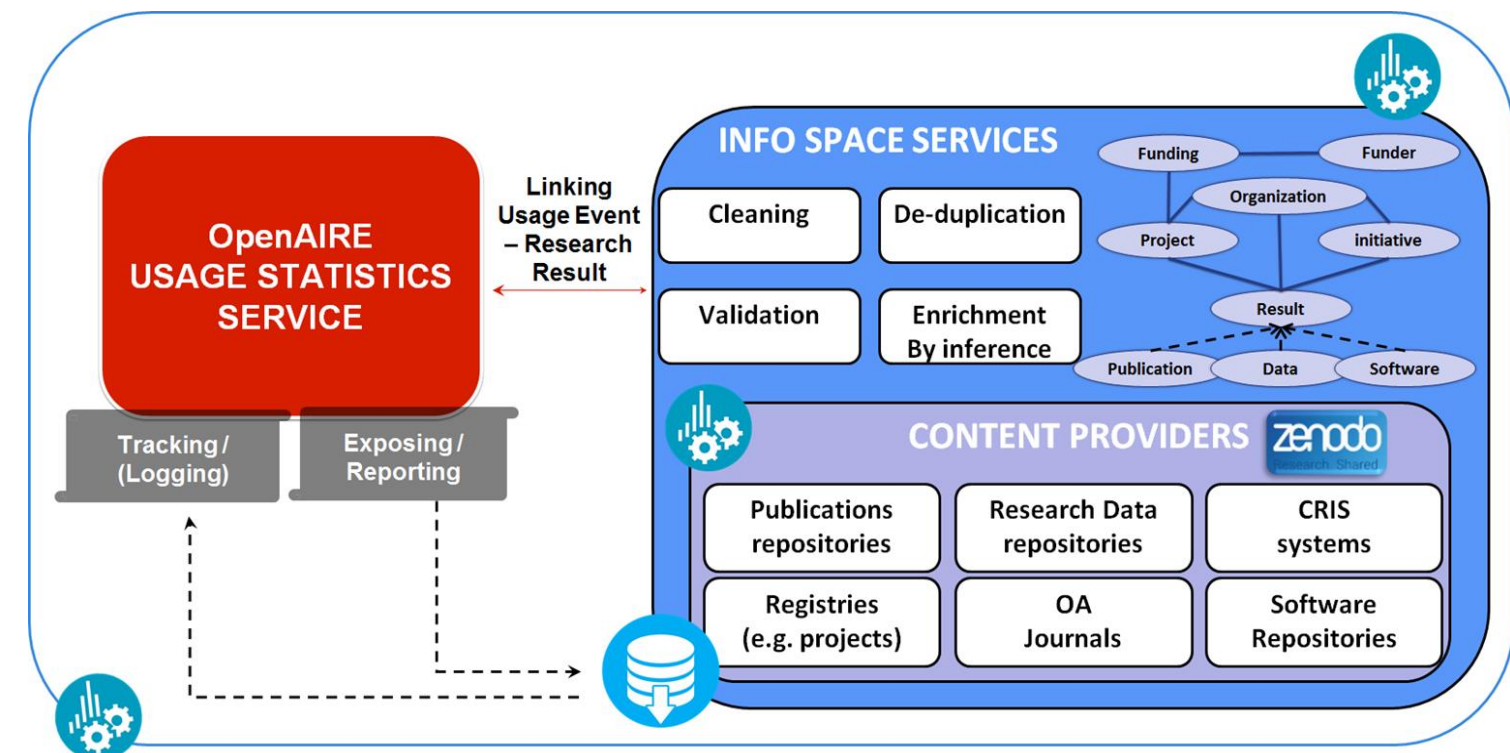
- **Broker service**

- Extend approach to other providers
- Extend to other subscriptions
- Interoperate with other brokers (e.g. Jisc)
- Integrate with repositories (Zenodo)



- **Usage statistics service**

- Bring it to production
- Broaden adoption (e.g. repo platforms)



# Aggregator and Broker as-a-service

- National aggregator as-a-service
  - Spain, Argentina, Turkey, Poland
  - In the queue: Canada, Poland, Ireland
- Broker as-a-service
  - La Referencia (South America), Italy
- Models
  - OpenAIRE as-a-service
  - Stand-alone installation



# Thank you!

**Iryna Kuchma**

[iryna.kuchma@eifl.net](mailto:iryna.kuchma@eifl.net)