

# **CORE Membership Benefits overview**







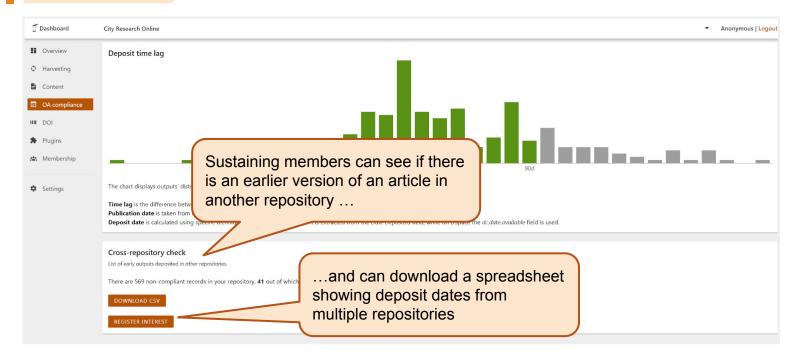
# Tools and benefits for STARTING members

## For all CORE users:

- Content discovery (Search, Discovery and Recommender tools)
- OAI identifiers resolved to your repository
- Use of The CORE Dashboard
- Download statistics
- Repository Discovery Boost
- RIOXX metadata validator
- Desirable Characteristics Repository Validator

# **CORE Dashboard: Cross-repository check**

### **SUSTAINING**







# **OAI Resolver**

### **STARTING**

# OAI identifiers: Unique permanent identifiers (PIDs) for open repositories:

- → Why use OAIs for repositories?
  - Complement, rather than replace DOIs
  - Link to the data provider rather than to the publisher's website
  - Cost-free to mint
- → Data providers can freely register their OAI prefix with CORE







# **Content discovery**

### **STARTING**

### Search

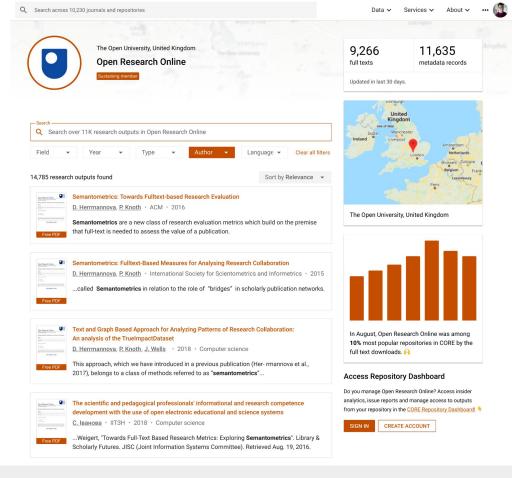
- Full text search for OA content
- Faceted search capability

### Recommender

- Plug-in for repositories
- Relevant recommendations
- Used by 499 repositories, including arXiv.org

# **Discovery**

- Plug in for repositories
- Enhanced end-user experience
- Better discoverability for your content

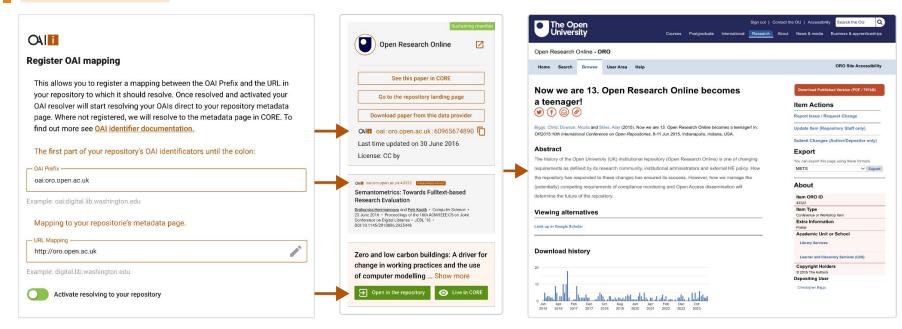






# **OAI Identifiers resolve to your repository**

### **STARTING**



Settings in the CORE Dashboard

CORE website

Repository landing page



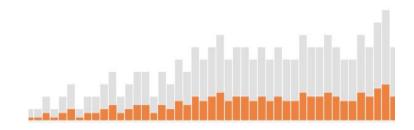


# **CORE Dashboard**

### **STARTING**

- Offers user download and repository harvesting statistics
- Provides monitoring, issue reporting and advice to repositories
- Allows updating of metadata records
- Helps manage access to documents from your repository in CORE

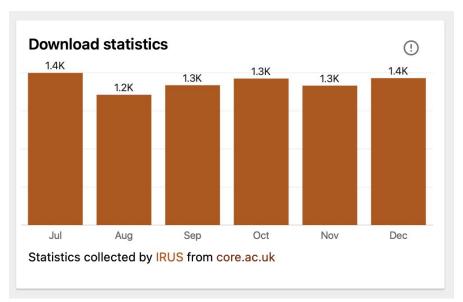
- Data enrichments (DOIs, ORCIDs, ISSNs)
- 474 unique registered institutions
- Over 100 UK HEIs logged in to the CORE Repository Dashboard in the last 3 months

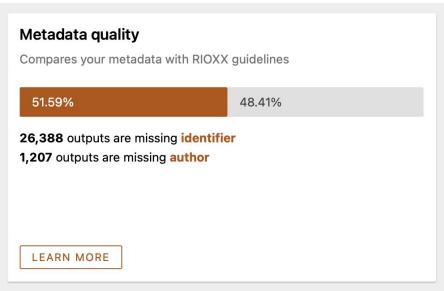




# **CORE Dashboard: download statistic and metadata quality**

**STARTING** 



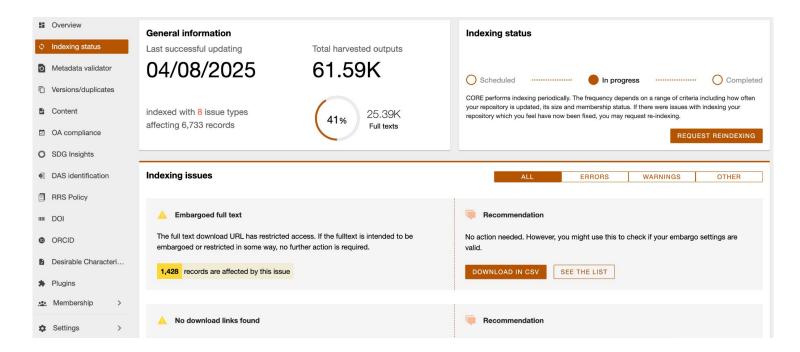






# **CORE Dashboard: a health check for your metadata**

### **STARTING**



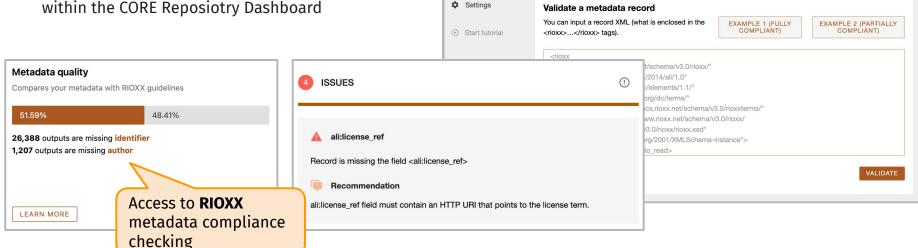




# RIOXX metadata validator

### **STARTING**

- Adopt a relevant application profile (e.g. RIOXX.net)
- Use a metadata validation service, e.g. within the CORE Reposiotry Dashboard



Overview

Harvesting

Content

IIII DOI

Plugins

Membership

Metadata validator

RIOXX metadata validator BETA

recommendations on improving this compliance.

might change when the final version is released.

This metadata validator helps you to assess how well your metadata comply with RIOXX and provide

The validator works for both RIOXX v2 and RIOXX v3. You can input a sample RIOXX record into the below text

field to see how it complies with RIOXX. Where issues are detected, we provide recommendations to help you improve your metadata quality. While we are encouraging everybody to migrate to RIOXXv3, keep in mind that

MY REPOSITORY

**RIOXX VALIDATOR** 

RIOXX v3 is as of 1st April 2023 still in the Release Candidate 1 version and some of the recommendations





# Desirable Characteristics for Digital Publication Repositories Module

**STARTING** 

This module assesses repository adherence to the USRN Desirable Characteristics — **best practices for repositories**, including persistent identifiers, high-quality metadata, long-term sustainability, and provenance tracking. It provides actionable recommendations with compliance scores for each characteristic.

### USRN Desirable Characteristics of Digital Publication Repositories Report

This report should give a live view of the status of the repository against a series of principles defined as Desirable Characteristics of Digital Publication Repositories and it should support and serve as a companion to the Toolkit created by the USRN Discovery project.

26.05.2024

#### Free and Easy Discoverability & Access

The repository provides broad, equitable, and maximally open access to resources and their metadata in both machine- and human-readable formats at no cost to users. This should be done in a timely manner after submission and with limited unscheduled downtime, consistent with legal and policy requirements. The repository's content should be discoverable both within the repository (i.e., via a search interface) and externally (i.e., via discovery services and aggregators). The repository supports access to its content for persons with disabilities and adheres to current web accessibility standards, Provide an accessibility statement describing efforts to increase accessibility of the platform/content and how to seek help if an accessible version of a digital publication is not available.





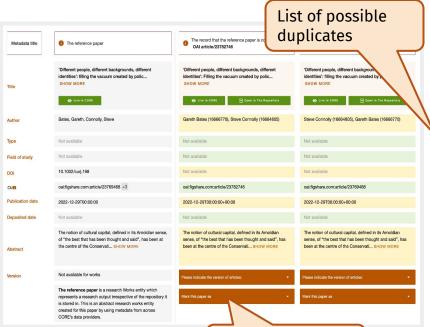
# Tools and benefits for SUPPORTING members

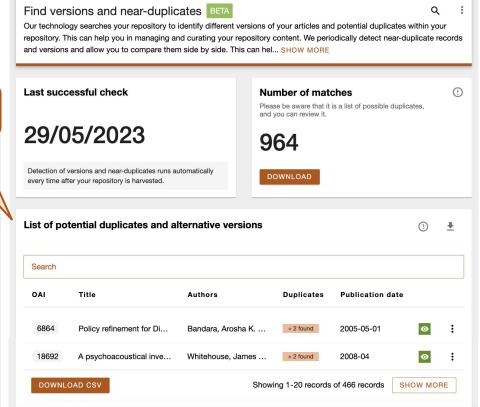
# All the **STARTING** member tools and benefits, plus:

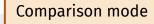
- Versions and duplicates detection
- Rights Retention Strategy (RRS)
   Identification
- Data Availability Statement (DAS) identification
- SDG Insights
- ORCID
- Use of the CORE API for your institution
- You join the CORE Board of Supporters
- Technical Support for your OA queries
- Logos for your papers
- Logo banner

# **Versions and duplicates detection**

### **SUPPORTING**











# **Rights Retentions**

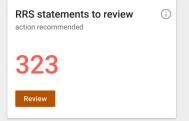
## **SUPPORTING**

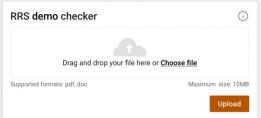
- → Review outputs with Rights Retention records found in your repository.
- Browse Rights Retention records and include it to your repository
- Improve your metadata quality

#### Rights Retention Strategy (RRS) Identification

According to the Plan S, the Rights Retention Strategy (RRS) enables authors to exercise the authorship rights they have on their manuscripts to deposit a copy of the Author Accepted Manuscript (AAM) in a repository on publication and provide open access to it. RRS is typically implemented by means of authors inserting a rights retention statement... Show more







### Outputs with RRS statements found in your repository

In the list below you can review and approve all detected RRS statements.

OAI	Title	Author		Publication date	Identified licence	Extracted RRS	Status	
32263	Lorem ipsum dolor sit a	met, consec	Lorem ipsum dolor sit am	12.07.2021	CC-By	Review RRS 🖸	~	:
32263	Lorem ipsum dolor sit a	met, consec	Lorem ipsum dolor sit am	12.07.2021	Open Data	Review RRS 🔼	<b>✓</b>	
32263	Lorem ipsum dolor sit	Rights reten	tion statements			Review RRS 🔼	?	
32263	Lorem ipsum dolor sit	raginto reteri	and statements			Review RRS 🔼	?	1
32263	Lorem ipsum dolor sit	"For the purposes of open access, the author has			СС-Ву	Review RRS 🗹	?	
ownload CS\	,	applied a Creative Commons Attribution (CC BY) licence to any Author Accepted Manuscript version arising from this submission."			1-10 of 100	Show	w n	
		Open full text in the CORE reader 🗹						

Wrong X

Correct \



# **Data Availability**

### **SUPPORTING**

- → Review outputs with Data Availability statement found in your repository.
- Browse Data Availability statement records and include it to your repository
- Improve your metadata quality

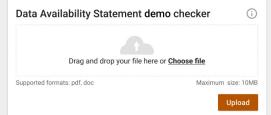
### **Data Availability Statement Identification**

# Outputs with DA statements within your repository collection

3,168

Download





### Outputs with Data Availability Statement found in your repository

In the list below you can review and approve all detected Data Availability statements.

OAI	Title	Author	Publicati	on date	Dataset link	Extracted DAS	Status	
32263	Lorem ipsum dolor sit amet, co	sec Lorem ipsum dolor sit am 12.07.2		07.2021	Ø	Review DAS	~	:
32263	Lorem ipsum dolor sit amet, co	nsec Lorem ipsum dolor	sit am 12.0	07.2021	Ø	Review DAS	<b>✓</b>	:
32263	Lorem ipsum dolor sit amet, co	Data availability statement			Ø	Review DAS	<b>✓</b>	:
32263	Lorem ipsum dolor sit amet, co				Ø	Review DAS	~	:
32263	Lorem ipsum dolor sit amet, co	are available in <b>Figshare</b>	"The data that support the findings of this study are available in <b>Figshare</b> at <a href="https://doi.org/10.6084/m9.figshare.28122461.v1">https://doi.org/10.6084/m9.figshare.28122461.v1</a> , reference number [reference number]. These			Review DAS	×	:
32263	Lorem ipsum dolor sit amet, co					Review DAS	?	:
32263	Lorem ipsum dolor sit amet, co	available in the public domain: [list resource				Review DAS	?	፥
wnload CS	sv	and URLs]."	Ill text in the CORE	reader [7]		1-10 of 100	Shov	w mo

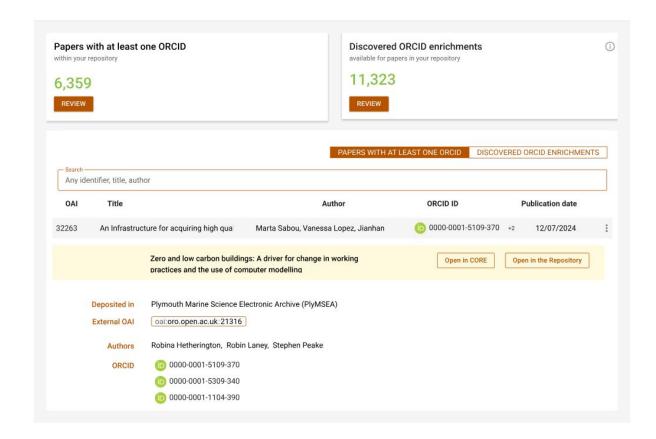


# **ORCID**

### **SUPPORTING**

# Open Researcher and Contributor IDentifier

Helps repository managers to monitor the **usage** of ORCIDs within their institution and helps them to **enrich** metadata with ORCIDs discovered by CORE.







# **SDGs**

**SUPPORTING** 

# Sustainable Development Goals

Automated AI-based module for the classification of research papers into SDGs. The system will be based on enhancing, adapting, evaluating, and scaling up machine learning text classification models for SDGs.





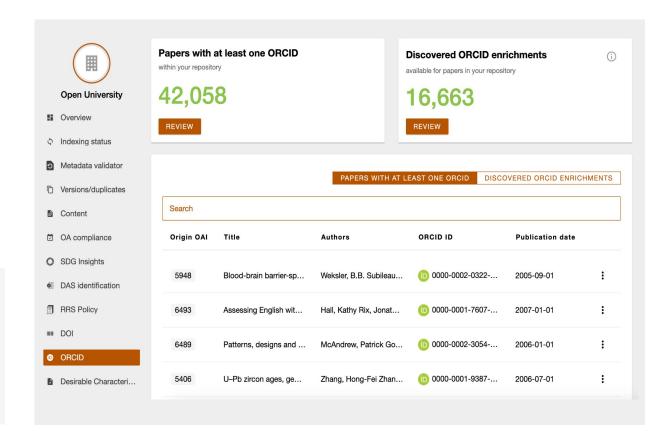


# ORCID

**SUPPORTING** 

# Open Researcher and Contributor IDentifier

Helps repository managers to monitor the usage of ORCIDs within their institution and helps them to enrich metadata with ORCIDs discovered by CORE.







# Use of the CORE API 💮

## **SUPPORTING**

- Enables development of new applications
- Real-time machine access to the world's largest collection of full-text open-access papers
- Harmonised access to data from across the network of CORE providers





# **Board of Supporters**

**SUPPORTING** 

## **CORE Governance**

- The Board meets annually to identify opportunities, collect feedback and help prioritise the development of the service.
- Helping guide and shape the future of CORE

# Technical Support for your OA queries

**SUPPORTING** 



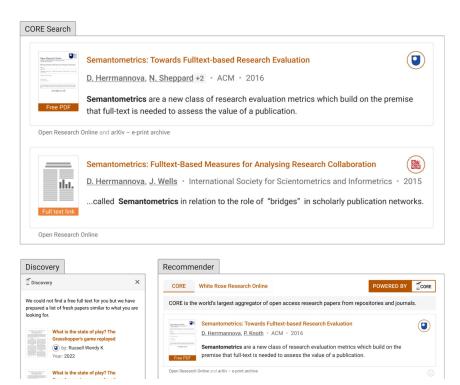
Our team has extensive experience in working with repositories and open scholarly infrastructures. We are here to assist our members with technical issues relating to discovery and compliance.



# **Logo for your papers**

## **SUPPORTING**



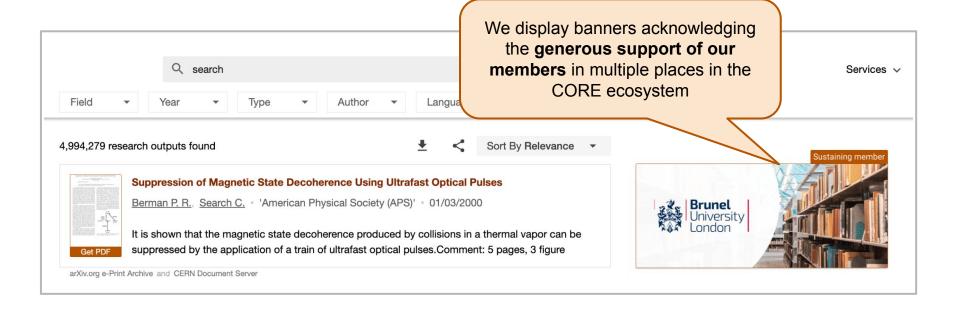






# **Logo banner**

## **SUPPORTING**







# Tools and benefits For SUSTAINING members

# All the **STARTING** and **SUPPORTING** member tools and benefits, plus:

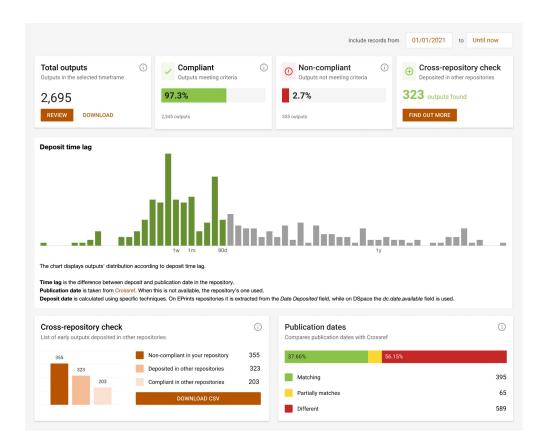
- CORE OA Compliance dashboard
- Use of the CORE dataset for your institution
- DOI check
- Repository health check
- Personalised banner
- Promoted / spotlight / featured articles
- Board of Supporters (2 votes)
- Hosted or interview style blog post on mission-aligned activities

# **CORE Dashboard: OA compliance**

### **SUSTAINING**

The CORE Dashboard supports OA compliance monitoring by measuring the time lag between the deposit of a paper into a repository and its publication date.

These features are continuously being developed to accommodate changes in recent OA policies.



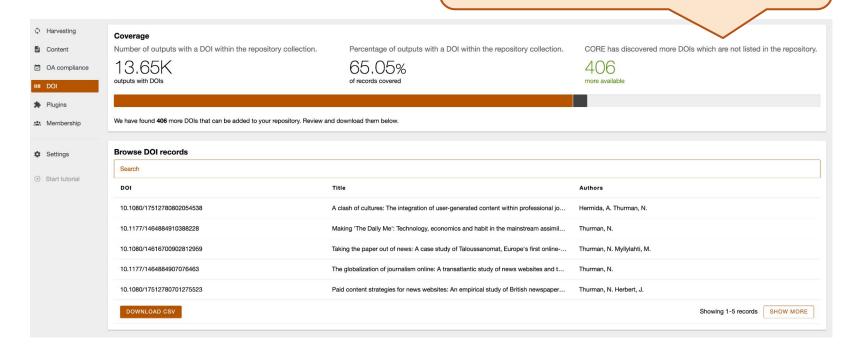




# **CORE Dashboard: DOI check**

### **SUSTAINING**

Sustaining members can **enrich** their data with DOIs identified in other repositories

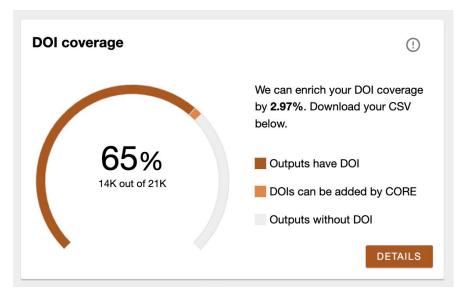


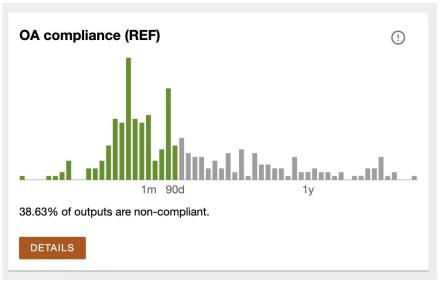




# **CORE Dashboard: enrichment tools**

### **SUSTAINING**









# Use of the CORE Dataset for your institution

### **SUSTAINING**

- The entire CORE corpus of both metadata and full texts available in a machine-readable format
- Direct machine access to full texts of research papers
- A wide range of application areas:



plagiarism detection fact checking and misinformation detection

research graphs

systematic reviews

research trends

research assessment

identifying peer-reviewers

recommender systems

compliance monitoring

drug discovery





# **Repository health check**

**SUSTAINING** 

We provide a **metadata quality assessment** for your institution, in relation to FAIRness and OA compliance policies.

We make
recommendations and
guidance for how to
improve it.\*

\*One free consultation per year





# **Personalised banner**

### **SUSTAINING**

You can **promote** on the CORE website:

Research conferences

Events

Academic jobs

Other mission-aligned communications



#### **Evaluating the Search Phase of Neural Architecture Search**

Jaggi Martin, Musat Claudiu, +3 MORE , • 22/11/2019

Neural Architecture Search (NAS) aims to facilitate the design of deep networks for new tasks. Existing techniques rely on two stages: searching over the architecture space and validating the best

arXiv.org e-Print Archive



### **Local Search Methods for Fast Near Neighbor Search**

Chavez Edgar, Graff Mario, Ruiz Guillermo, Tellez Eric S. • 16/01/2019

Near neighbor search is a powerful abstraction for data access; it allows searching for objects similar to a query. Search indexes are data structures designed to accelerate computing-intensive data

arXiv.org e-Print Archive



600K+ daily users

20M+ monthly users





# Let us help you promote your mission-aligned activities

**SUSTAINING** 

We will help promote open science at your institution via case studies and interviews on the **CORE website** and at conferences and events.



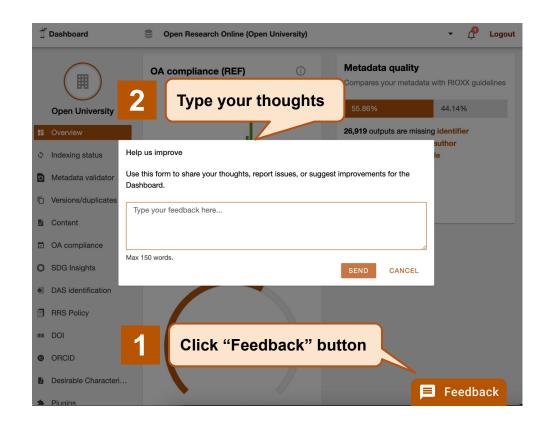


# Help us improve

## **Feedback**

To enhance the user experience, we've added a **Feedback button**. It allows users to communicate directly with our team without leaving the dashboard environment.

- **Share your thoughts**
- **Report issues**
- **Ask questions**
- Comment on any aspect of the dashboard's functionality







Become a member to demonstrate your support for Open Research



# Together Building Open Access, Unlocking Global Knowledge.

15 years of CORE

# Thank you!

For more information, contact: <a href="mailto:membership@open.ac.uk">membership@open.ac.uk</a>