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OpenAIRE
SCIENCE. SET FREE.

Open Insights Sessions: A Year in Review & OpenOrgs Sprint

PRESENTERS

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OpenAIRE

OUTLINE

- **Open Insights Sessions**

- **The Monitor**

  - A year in review, Monitor basics & Demo

  - Q&A

- **OpenORGS**

  - Description

  - Demo

  - Q&A

  - Live Deduplication (Primary Dashboard Managers)

Open Insights Sessions

OPEN INSIGHTS SESSIONS

- **Thursday, 12 December, 2024 12:00 (GMT)**
  A Year in Review & OpenOrg Sprint
  A review of Year 1's milestones and achievements. Introductory "Monitor Essentials" demo for new users.
  Short demo and interactive session on OpenOrgs deduplication for RPOs, with Q&A and attendee input.
  Register via Zoom

- **Thursday, 23 January, 2025 12:00 (GMT)**
  Data Quality & Text Mining Q&A
  Presentation on data quality practices in the Monitor, recent updates, and the role of AI and text mining in enhancing Monitor insights. Q&A with the data quality team, covering data consistency, deduplication, and text mining applications.
  Register via Zoom

- **Thursday, 13 February, 2025 12:00 (GMT)**
  Strengthening Collaboration: Monitor & Repository Integration
  Overview of repositories' role in supporting national Open Access goals, with a focus on best practices for data integration. Practical

guidance on repository data integration, focusing on interoperability, and OpenAIRE Provide, with hands-on examples.
Register via Zoom

- **Thursday, 13 March, 2025 12:00 (GMT)**
  Monitor Challenges & Usability
  Panel discussion with RPO/RFO representatives on challenges and feedback on usability and integration. Live feedback session with users to pinpoint challenges and gather improvement suggestions.
  Register via Zoom

- **Thursday, 10 April, 2025 12:00 (GMT)**
  Future Pathways & Community Insights
  Reflections on Pilot successes and challenges, with guest insights from PathOS and other projects on monitoring Open Science. Open discussion on potential ways to extend the benefits of the Monitor within Ireland's Open Access landscape, with ideas for fostering long-term value and sustainability.
  Register via Zoom

OpenAIRE

https://www.openaire.eu/irel-norf-openaire-renew-collaboration-on-the-irish-national-open-access-monitor-new-webinar-series-announced-for-the-irish-monitor

A Year in Review

NATIONAL OA MONITOR, IRELAND
https://oamonitor.ireland.openaire.eu/
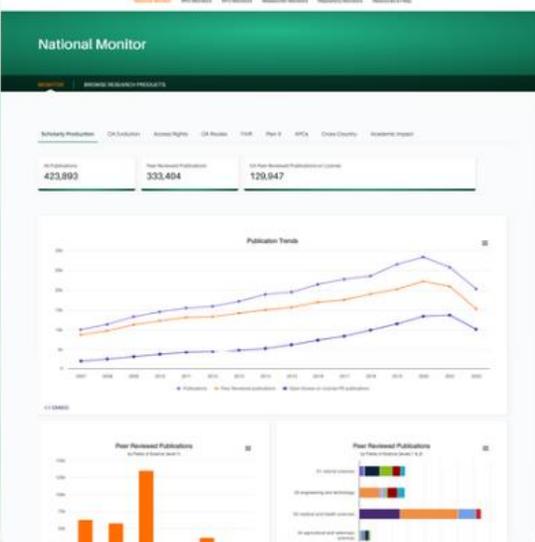
TIMELINE

- **Jul 2023**
  - **OpenAIRE** awarded the contract to develop the **National Open Access Monitor**, as part of the project managed by the **Irish Research eLibrary** (IReL) at Maynooth University.
  - Funded by Ireland's **National Open Research Forum** (NORF) through the **Open Research Fund Call**.

- **Sep – Nov 2023**
  - **First webinar series:** Introduction to the Monitor and training for Research Funding and Performing Organizations (RFOs/RPOs) focusing on **data quality**.

- **Mar 2024**
  - Official **launch** of the National Open Access Monitor and accompanying **Report** https://doi.org/10.5281/zenodo.10838955.

- **Mar – May 2024**
  - **Second webinar series**: Advanced training on the Monitor's **functionalities, data quality, and OpenAPC** workflows.

- **Nov 2024**
  - **Collaboration renewal** through **April 2025**, with a focus on **fully embedding** the Monitor into Ireland's research community.

- **Dec 2024 – Apr 2025**
  - **Third webinar series - Open Insights Sessions**: Interactive sessions to enhance understanding, share best practices, and foster community around Open Access in Ireland.

OVERVIEW

Mission & Objectives

- To provide transparent, comprehensive insights into the state of Open Access in Ireland.

- To serve as a crucial tool for analysing trends, identifying challenges, and guiding policy development and decision-making towards an open, accessible, and sustainable research environment.

Feedback is welcome! https://oamonitor.ireland.openaire.eu/contact-us

OpenAIRE

THE 5 MONITORS

NATIONAL

RESEARCH FUNDING ORGANISATIONS

RESEARCH PERFORMING ORGANISATIONS

INSTITUTIONAL REPOSITORIES

RESEARCHERS

How we will build it

PRINCIPLES

Openness & Transparency

- Use of transparent methodologies and open, public data. Adherence to FAIR principles and international standards to ensure trustworthiness, replicability, and public engagement.

Readiness & Timeliness

- Leverage established open databases and tested knowledge extraction technologies like NLP/ML, using operational workflows in OpenAIRE for timely results.

Comprehensive Coverage & Accuracy

- Use of OpenAIRE Graph's extensive data capabilities and collaboration with stakeholders for data representation and quality, aiming for the most comprehensive coverage and accurate, meaningful indicators.

Engagement & Inclusivity

- Focus on meeting diverse user needs, from researchers to policymakers. Prioritize ease of use, clear communication, and responsiveness to feedback, ensuring an intuitive and engaging platform experience for all stakeholders.
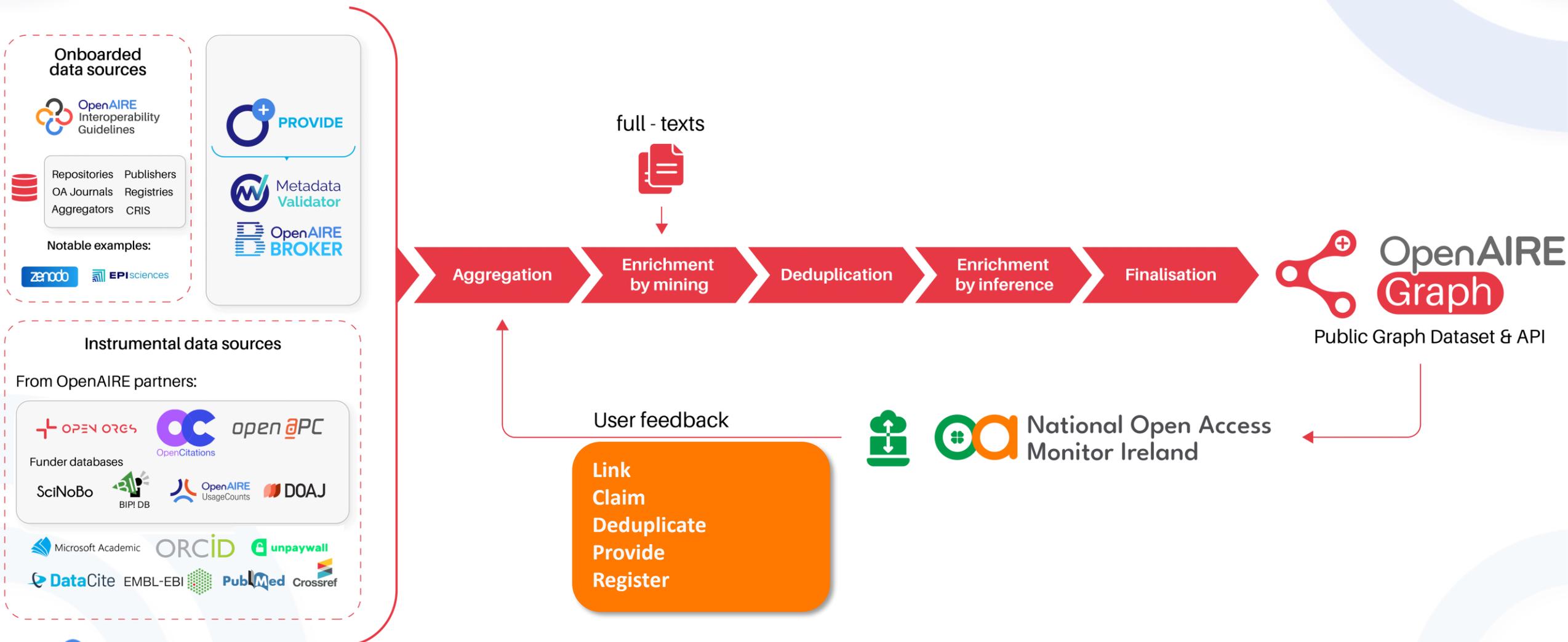
DATA BACKBONE: THE OPENAIRE GRAPH

- A **Scientific Knowledge Graph**
  - Timely and comprehensive coverage of research outputs
  - 130K data sources, 3.5M projects, and 290M research outputs (publications, software, datasets, other research products)
  - Near monthly updates

- Precision, depth & processing
  - Rigorous cleaning, deduplication, and enrichment for optimal accuracy
  - Enriched metadata links: Research results to projects, author affiliations, and classifications (FoS, SDG)
  - Techniques for duplicate identification in addition to OpenAIRE's curation tools

- Robustness & openness
  - Maintenance, load balancing, backups, overseen by the OpenAIRE technology centre
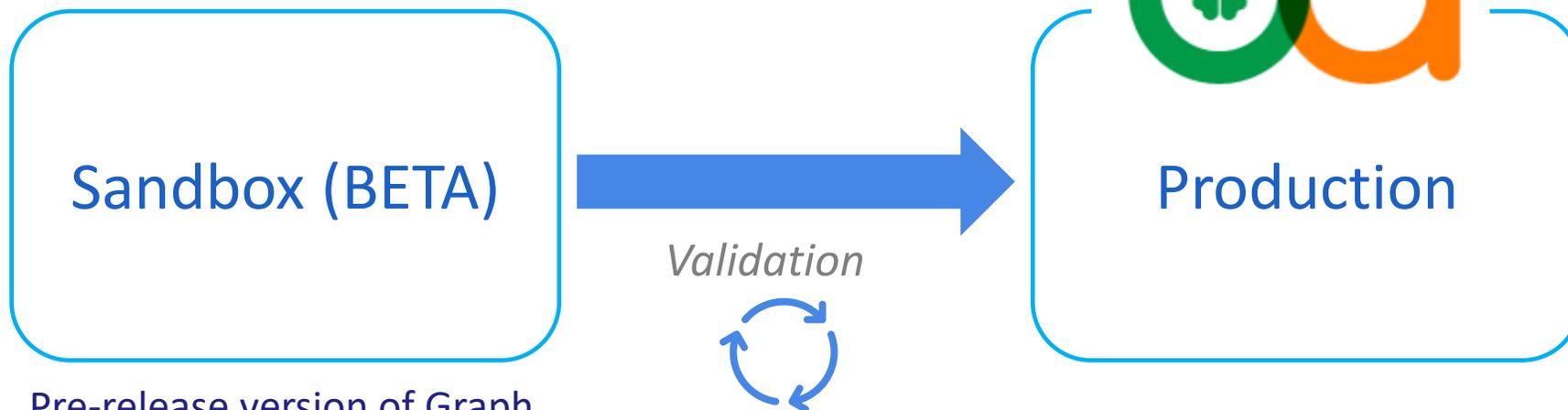 - Open data & transparent methodologies

OpenAIRE Graph

graph.openaire.eu

SEAMLESS INTEGRATION TO OPENAIRE AND EOSC

Onboarded data sources

- OpenAIRE Interoperability Guidelines
- Repositories, Publishers, OA Journals, Registries, Aggregators, CRIS

Notable examples: zenodo, EPIsciences

PROVIDE, Metadata Validator, OpenAIRE BROKER

full - texts

Aggregation → Enrichment by mining → Deduplication → Enrichment by inference → Finalisation → OpenAIRE Graph

Public Graph Dataset & API

Instrumental data sources

From OpenAIRE partners: OPEN ORGS, OpenCitations, open aPC

Funder databases: SciNoBo, BIP! DB, OpenAIRE UsageCounts, DOAJ

Microsoft Academic, ORCID, unpaywall, DataCite, EMBL-EBI, PubMed, Crossref

User feedback

National Open Access Monitor Ireland

Link
Claim
Deduplicate
Provide
Register

DATA QUALITY IMPROVEMENTS

- *Only for development*
- *Only for RPO & RFO managers*

Sandbox (BETA)

Validation

Production

Pre-release version of Graph
New functionalities
New Indicators

Monitor DEMO

OpenAIRE

Support

SUPPORT

- **Helpdesk: https://oamonitor.ireland.openaire.eu/contact-us**

- **Support Services Overview**

  - Guaranteed support response within 1 business day to initiate resolution procedures.

  - Resolution times for handling infrastructure and software-related issues vary by incident severity type.

  - **Content (Data) Updates**

    - The OpenAIRE Graph content is updated monthly, and the resolution window for content issues ranges from 1 to 2 months.

    - Managers can first review resolutions in the **sandbox** environment for testing and validation before they are implemented in the **production** environment.

SUPPORT

- **Who can be a manager and what do managers do?**

  - RPOs & RFOs can have

    - 1 **primary** dashboard manager (responsible for deduplication of organisation names on dedicated OpenAIRE Platform: OpenORGS) – must apply by filling out https://app.onlinesurveys.jisc.ac.uk/s/maynoothuniversity/national-open-access-monitor-dashboard-manager-application-form

    - **multiple other managers** with access to the **Sandbox** environment for checks of data quality and other improvements (invitation via the platform)

SUPPORT

- **Check out our [Zenodo community](#)**

- **[Reach out!](#)**

OpenAIRE

Deduplication via OpenOrgs

OPENORGS: ORGANISATION DISAMBIGUATION

The same organizations usually appear with a variety of names (e.g., full legal name, short or alternative names, acronym), and different metadata information in different data sources. Furthermore, persistent identifiers may be of no help when different data sources identify organizations according to different PID schemas (ROR, ISNI, EC PIC numbers, etc.). This ambiguity results in a considerable efficiency problem in the exchange of information, findability of research products, monitoring of activities, and ultimately building a linked open scholarly communication system.

To address this ambiguity, OpenAIRE developed OpenOrgs, a tool for the disambiguation of organizations involved in the research process which combines an automated process and human curation to compensate for the lack of information available and to improve the organization's discoverability and recognition.
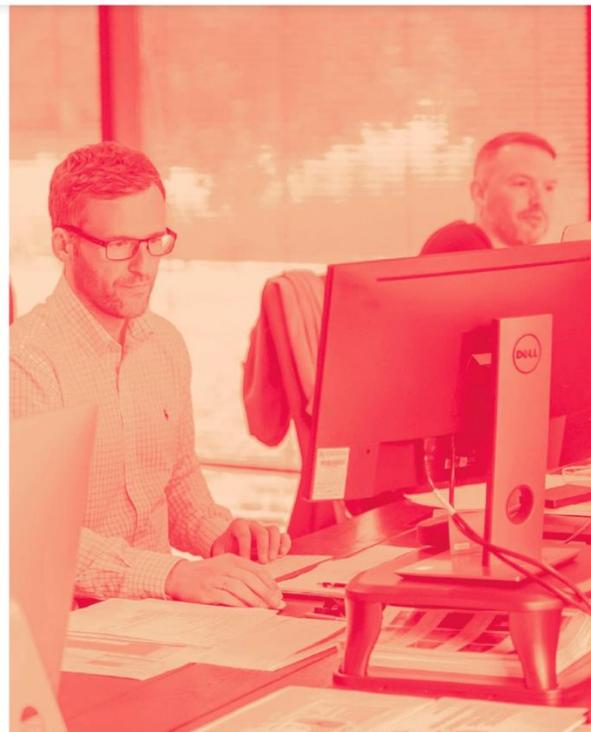
OPENORGS: How to become a curator

- Be a primary dashboard manager for your RPO: https://oamonitor.ireland.openaire.eu/how-it-works/user-actions#dashboard-managers

- Register for an OpenAIRE account: https://services.openaire.eu/uoa-user-management/register.jsp

- Request to become a curator: https://openorgs.openaire.eu/curator

- OpenOrgs team will process your request.

- You will be able to curate the information for your organization, i.e. identify
  - Duplicates and
  - Parent/Child relationships (e.g. University & Department)

OPENORGS

- What should I do if my RPO is not displayed on the National Open Access Monitor, Ireland?

  - This means that your RPO has not been incorporated in OpenAIRE and OpenOrgs. The process is to:

    - Contact us: https://oamonitor.ireland.openaire.eu/contact-us

    - Request a ROR id, if you do not already have one. ROR Request Form

    - Inform us when you have a ROR id assigned to your RPO.

  - We will process all RPOs that do not have a ROR id and inform them about the process.

OpenOrgs DEMO

Thank you!

https://oamonitor.ireland.openaire.eu/contact-us