

Onboarding Dataverse repositories in OpenAIRE PROVIDE a gateway to the EOSC

The OpenAIRE Content Provider Dashboard

- **One-stop-shop web service**

for

- **Content providers** (institutional & thematic repositories, data archives, journal, aggregators, CRIS systems)

who

- interact with OpenAIRE (share and exchange metadata and content)
- **Front-end access** to many of OpenAIRE's **backend services**

PROVIDE dashboard: Added value functionalities



Validate

The **Validator** service assess the metadata quality by measuring your data source compatibility with the the **OpenAIRE guidelines** to expose your content by using global standards: <https://guidelines.openaire.eu/en/latest/>

Register

If validation succeeds your data source can be **registered for regular aggregation** and indexing in OpenAIRE. Additionally, you become part of the EOSC ecosystem and a global interlinked network. Reach a wider audience around the world.

Collection monitor

Collection monitor provides the **aggregation history**. Track the aggregation stage, collection mode and the number of records aggregated thus improving your metadata quality.

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.

Measure

Share usage data via OpenAIRE's global **Metrics Service – UsageCounts**. Get the benefit of an aggregated environment.

Notifications

Once registered in OpenAIRE, content providers can use the Provide functionalities and to **get notifications & alerts** (enrichments, errors, useful info).



Benefits

- Extending repository **metadata models to Open Science practices**
- **Keeping the collections up-to-date:** alerts, enrichments, additions
- Fostering notification-based and federated dissemination of knowledge

Added Value, improve:

- **Repository interoperability**, collections and content for **enhanced visibility and access**
- Institution memory & research assessment

Building trust and value

- Repositories network
- **Community-driven service** with a strong focus on the end-user needs (user-centered design) based on feedback during the **monthly community calls**: www.openaire.eu/provide-community-calls
- Challenges for:
 - Better relationship and interaction with the targeted users
 - Transparency of the service's developments

Role to the EOSC

- **Interoperability compliance** via the OpenAIRE Guidelines.
Every data source validated in OpenAIRE is EOSC compliant
 - Guidelines: v3.0, v4.0, data, CRIS
- **Integration** of the data sources registration workflow within the **EOSC Research Product Catalogue**
- **OpenAIRE Graph** becomes a **key asset for discovery and monitoring within the EOSC**: <https://graph.openaire.eu/>



OpenAIRE Interoperability Guidelines

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

- A common metadata framework for exchanging minimum metadata information
- Established to:
 - Support the Open Access strategy of the European Commission
 - Ensure a full alignment with the EOSC Interoperability Framework
 - Meet the requirements of the OpenAIRE infrastructure
 - Ensure that your data is FAIR, and they follow the FAIR principles
- Provide orientation to define and implement your local data management policies according to the requirements of OpenAIRE
- Expose publications, datasets and CRIS metadata via the OAI-PMH protocol in order to integrate with OpenAIRE infrastructure

Validation & Registration

- The Validator service assess the metadata quality by measuring your data source compatibility with the OpenAIRE guidelines
- Run the validator tool to test the compatibility with the OpenAIRE Guidelines by getting a compatibility score
- Detailed report on the number of records passed for each guideline and indicative failed records from your OAI-PMH endpoint with warnings/errors

Validation & Registration

- If not registered -> Register your data source
- Add/Update the interface of your registered repository with the new "Desired compatibility level"
- Validation & registration process:
 - <https://www.openaire.eu/validator-registration-guide>



An **open metadata** research graph of interlinked **scientific products**, with **access rights information**, linked to **funding information** and **research communities**



Q&A