



# OPEN ORGS

## CURATING RESEARCH PERFORMING ORGANISATION

### AFFILIATIONS

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# TODAY'S **AGENDA**

- **Challenges** with Organisation Affiliations
- Solving Problems Using **OpenOrgs**
- **Overview** of the Services
- OpenOrgs **Website** Tour
- How **You** Can Help
- The Importance of **Community** Expertise
- Invitation to the OpenOrgs **Training**
- **Q&A** and Conclusion

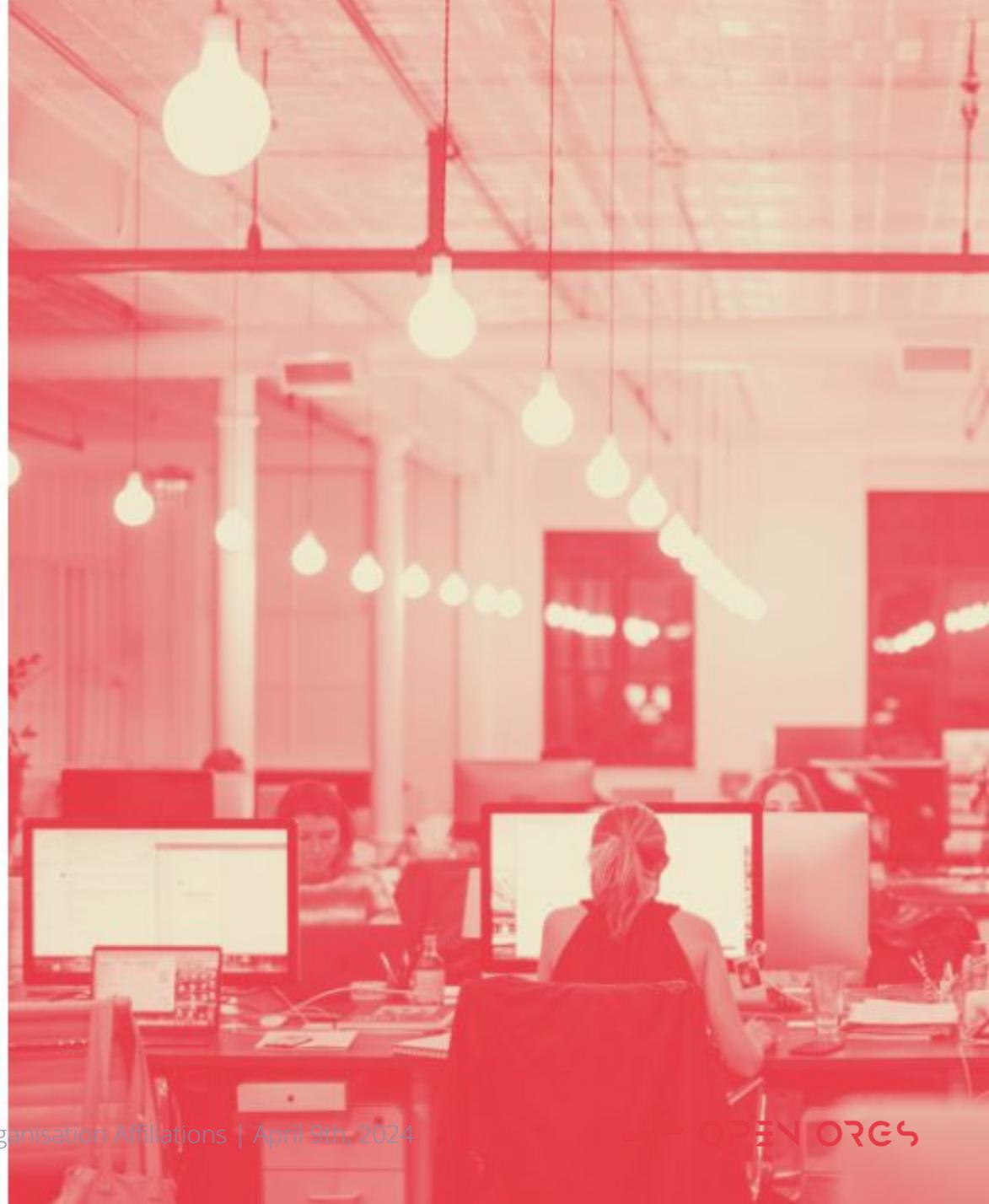
# Bridging registries of research organisations.

Say goodbye to ambiguous research organisation data with OpenOrgs!

With this OpenAIRE data curation tool you can not only merge duplicate records of organisations and manage the structure of large research performing organisations, but also enhance data Integrity across the research landscape.

[Explore OpenOrgs](#)

[Become a Curator](#)



# Information **ambiguity**

## Diverse Sources

Metadata about organisations can be found scattered through many different sources.



## Different Names

Organisations may present themselves under various identifiers, including legal names, acronyms, short names, and alternative designations.



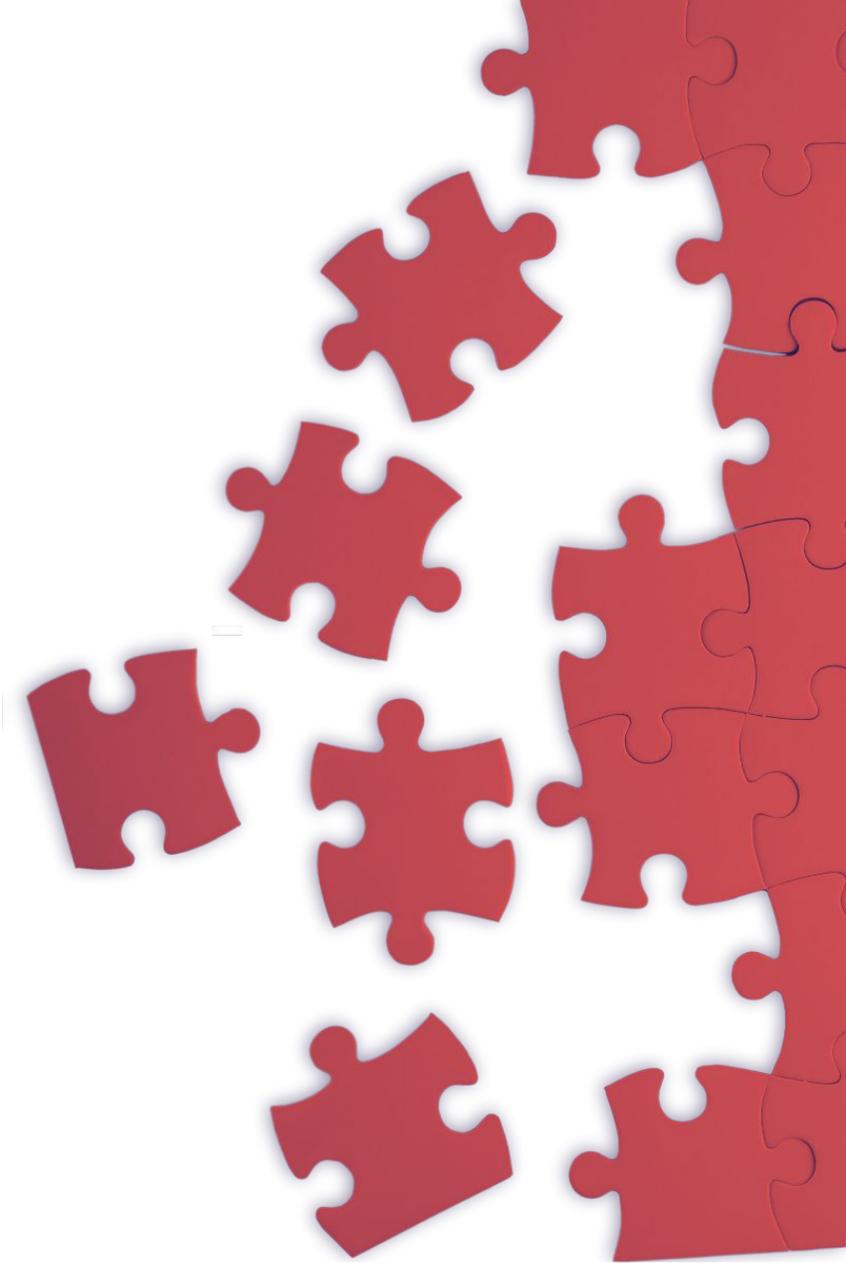
## Organisational Architecture

The organisation's structure, with its faculties, departments, branches, and detachments, might not always be straightforward.

## Key to Success

To ensure an efficient scholarly communication system, clarifying and disambiguating information is essential.

**This ambiguity affects  
the **whole** scholarly  
communication  
system.**



# Who needs **unambiguous** information?

## **Search & Discovery**

### **Researchers**

To facilitate the findability of digital objects

## **Aggregation & showcase**

### **RPOs**

To consistently showcase the overall scientific production

## **Monitoring services**

### **RFOs**

To have consistent information on the impact of resources

## **Open Science services**

### **All stakeholders**

To have functional and up-to-date services

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re3data.org  
REGISTRY OF RESEARCH DATA REPOSITORIES



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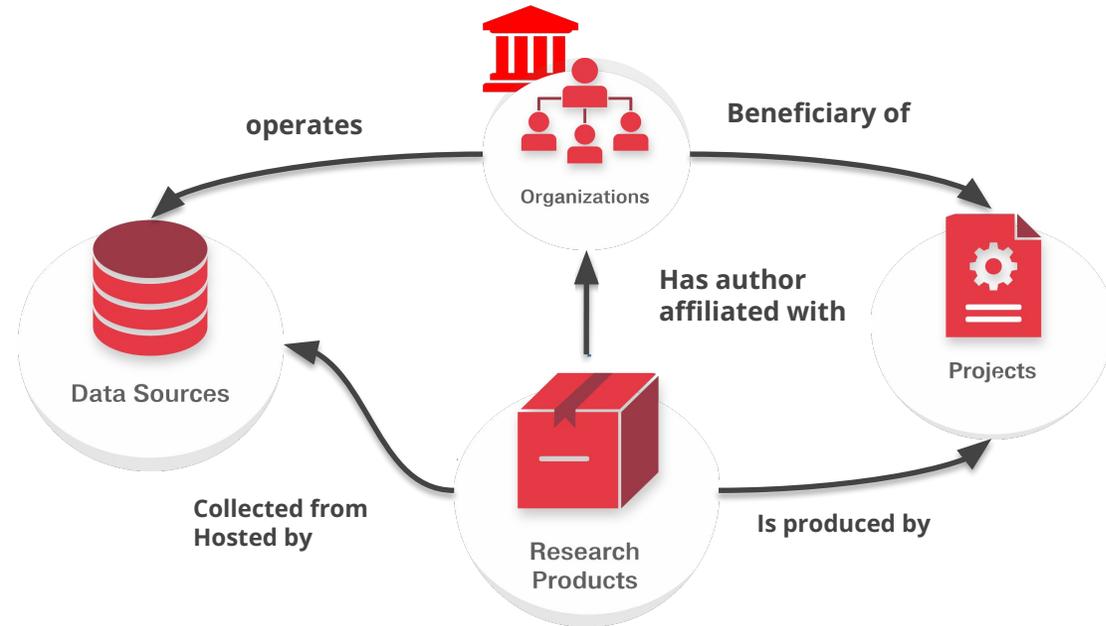


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# Problem statement

## import phase



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# Problem statement

## import phase

### Organisations (affiliations/mentions)

- Responsible body for the management of a data provider
- Project participant
- Extracted from the article full-text as paper affiliation

Lack of common identifiers!

Duplicates

Related organization	Acronym	Country	Source	
University of Zagreb URL:		UNKNOWN	Original Id: anr_____::2e1bd8b4667e69ee8d71ddea783bf2e3 OA Graph Node ID: anr_____::6665c8c835e16316ed75c99e532298c7 [try] Added by: Ivana.Koncic@irb.hr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Zagreb University URL:		UNKNOWN	Original Id: anr_____::62ea52b35e1246a4348f2cd2e60dc234 OA Graph Node ID: anr_____::442b06aac37b207256a66624d10d9d72 [try] Provenance: Agence Nationale de la Recherche Added by: Ivana.Koncic@irb.hr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
SVEUCILISTE U ZAGREBU PID (PIC): 999933231 URL: <a href="http://www.unizg.hr">http://www.unizg.hr</a> <span>legal body</span> <span>legal person</span> <span>non profit</span> <span>research organization</span> <span>higher education</span>	UNIVERSITY OF ZAGREB UNIZG, UNIZG	HR	Original Id: corda_____::999933231 OA Graph Node ID: corda_____::da10f4b4cd6e8f15c7d533a7f63e896e [try] Provenance: CORDA - COmmon Research DAta Warehouse Added by: Ivana.Koncic@irb.hr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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University of Zagreb URL:	University of Zagreb	HR	Original Id: doajarticles::University_of_Zagreb OA Graph Node ID: doajarticles::8950fa15fce314a498d6c79a3db6c764 [try] Provenance: DOAJ-Articles Added by: Ivana.Koncic@irb.hr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
The University of Zagreb URL:		HR	Original Id: irb_hr_____::The University of Zagreb OA Graph Node ID: irb_hr_____::0e5573119b6d22a69fd7f15b8d6bb5c6 [try] Provenance: Rudjer Boskovic Institute Library - Croatian Projects Added by: Ivana.Koncic@irb.hr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Zagreb University URL:		HR	Original Id: nsf_____::Zagreb_University OA Graph Node ID: nsf_____::9bbcd0c920dc24c4401a8204fad0dee2 [try] Provenance: NSF - National Science Foundation Added by: Ivana.Koncic@irb.hr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Sveučilišta u Zagrebu URL: <a href="http://www.unizg.hr/">http://www.unizg.hr/</a>		HR	Original Id: opendoar_____::Sveučilišta_u_Zagrebu_HR OA Graph Node ID: opendoar_____::fe6cd1f9d042f4b4c549175b5dc77e8c [try] Provenance: OpenDOAR Added by: Ivana.Koncic@irb.hr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
University of Zagreb URL: <a href="https://arhiv.unizg.hr">https://arhiv.unizg.hr</a>		HR	Original Id: opendoar_____::University_of_Zagreb_HR OA Graph Node ID: opendoar_____::9f5b90ee210dc1f0c61d3c67c1c8c665 [try] Provenance: OpenDOAR Added by: Ivana.Koncic@irb.hr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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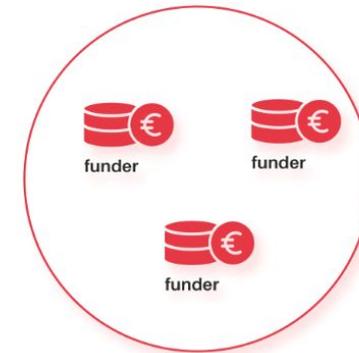


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# Problem statement

## disambiguation



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# Problem statement

## quality / completeness

organization field completeness		
field	missing	% missing
legalname	254	0.1%
legalshortname	156,923	43.2%
alternativenames	319,825	88.0%
country	82,002	22.6%
website url	142,047	39.1%
pid	184,536	50.8%

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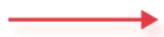


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# Limitations of a fully automated approach

## False positives

- Inaccurate statistics (e.g. for institutional and country monitors)
- Inaccurate search results (e.g. finding only the US Concordia University and not the Canadian one)

## False negatives

- One instance is linked to the papers, one to the project... but it is the same organization!

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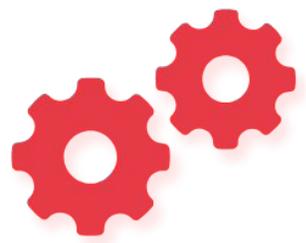


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# Data provision pipeline

Configuration  
-comparators  
-thresholds  
-decision trees



Deduplication process

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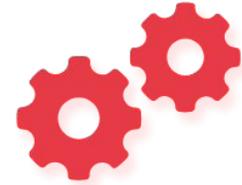


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OpenAIRE Graph



database



data curators

# OpenAIRE **services** benefiting from organisation disambiguation



Provides access to millions of interlinked scholarly works, their citations and contextual information such as organisations, grants.



Enables institutions, universities, or lead teams on a scientific domain, to easily create, configure and manage, their own customised web portal that collects and shares research outcomes of their interest to their audiences.



Produces well-documented, timely and accurate monitoring indicators of research activities for funders, research initiatives and organisations, by creating personalised and on-demand online configurable dashboards.

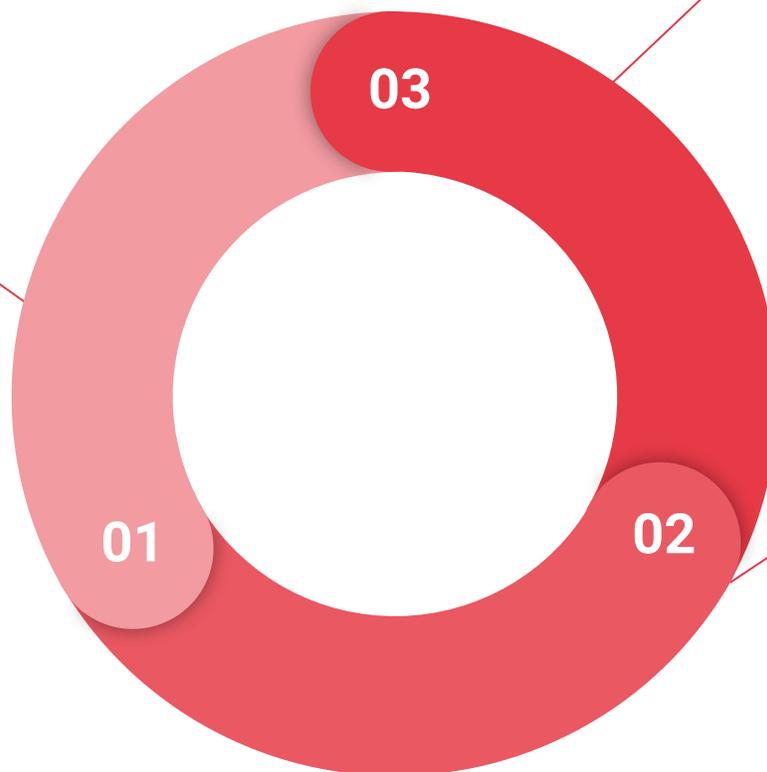


Facilitates access to the Open Science indicators for policy makers, funders, organisations, by combining and visualising information from all over Europe.

# OpenOrgs **activity** pillars

## Automatic suggestion of duplicates

The process for the automatic identification of possible duplicates will periodically produce new suggestions for the data curators.



## Metadata curation

In OpenOrgs data curators can enrich the metadata description of the organization entities, compensating the lack of information available from the sources and improving the discoverability / completeness of the organization records.

## Manual management of duplicates

Deciding whether two or more digital representations are duplicates of the same object can be a task that only humans can carry out precisely. The OpenOrgs tool allows data curator to manage the ambiguities in the data lack of the organization mentions aggregated by OpenAIRE.

Check out the new website!

**openorgs**.openaire.eu

# HOW CAN **YOU** HELP?

- **Curating** and **enriching metadata** for organisations
- Identifying and **resolving duplicates**.
- Adding **parent-child relations** (if any).
- **Approving organisations** and providing them with stable **OpenOrgs IDs**.
- **Adding new** organisations to the OpenOrgs database.
- Documenting **insights** in the notes section.
- **Resolving conflicts**; merging and distinguishing.



# Curator **ROLES**

## USER

- Scope of data curation is limited to a set of countries.
- Editing and enriching the metadata of organisations.
- Approval of suggestions from the automated duplicate identification.
- Creation of a new Organisation (requires national admin approval).

## NATIONAL ADMIN

- Scope of data curation is limited to a set of countries.
- Editing and enriching the metadata of organisations.
- Giving final approval to new organisations, granting them official OpenOrgs IDs.
- Managing user access and permissions within their nation.
- Resolving any conflicts that occur.
- Making decisions on suggested organisations to finalize their approval status.

# Why we need **YOU** ?

- Knowledge of the country's **research landscape**.
- **Enhancing** the OpenAIRE platforms.
- Maintain **up-to-date and precise** information.
- Increase the **visibility** of research outputs, projects, and datasets.
- Simplify adherence to open access regulations, promoting greater **transparency** and **accessibility** in research.

# Skills of a Data Curator

## Specialized skills:

- Expertise in research organisations within their chosen country
- Knowledge of major research institutions and universities
- Awareness of the research structure and organisation in their country
- Familiarity with national or regional research information systems

## General skills:

- Attention to detail
- Strong data management skills
- Analytical abilities
- Technical proficiency
- Problem-solving skills

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This sounds like you?

**Join our team** as a data curator!

# How to **become** a Data Curator?



**STEP 01**  
EXPRESSION  
OF INTEREST



**STEP 02**  
GUIDANCE BY  
THE CURATION  
BOARD



**STEP 03**  
COMPREHENSIVE  
TRAINING



**STEP 04**  
VOLUNTEER  
STATEMENT



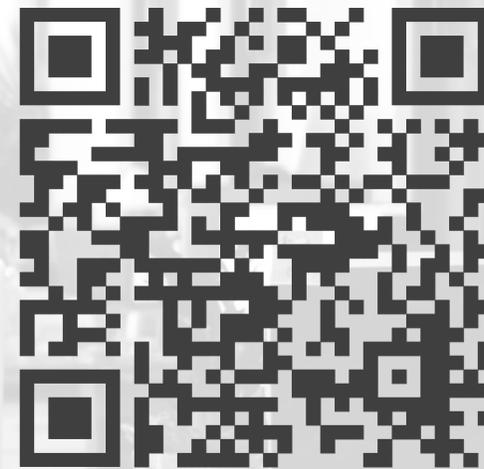
**STEP 05**  
ASSIGNMENT  
AND ACCESS

# Join us for an engaging **training session** on **OpenOrgs!**

**Date:** 15th April

**Time:** 14:30 - 16:30 CET

You will learn how OpenOrgs simplifies research organization identification, ensuring data integrity and accessibility, and participate in hands-on activities for practical learning.



**SCAN THE QR &  
REGISTER!**

# Q&A

# time!

# Thank you!

**get in touch:**

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[openorgs-admin@openaire.eu](mailto:openorgs-admin@openaire.eu)