

OPEN ORGS

THE OPENAIRE TOOL FOR BRIDGING REGISTRIES OF RESEARCH ORGANIZATIONS

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BUILDING A CONNECTED OPEN SCHOLARLY COMMUNICATION SYSTEM

Building a connected open scholarly communication system requires unambiguously identifying research-related entities. However, identifying organizations involved in research can be complex due to variations in names and metadata across sources. Additionally, persistent identifiers (PIDs) may not effectively resolve this ambiguity. This poster introduces OpenOrgs, a novel tool developed to address these challenges and enhance the discoverability of research organizations.

BRIDGING THE AMBIGUITY GAP

KEY OBJECTIVES OF OPENORGS

- 1 Address the ambiguity in identifying research organizations.
- 2 Improve discoverability and recognition of research organizations.
- 3 Enhance the completeness and consistency of organization records.
- 4 Foster a more open and cooperative research environment.



DATA INTEGRATION AND CURATION PROCESS

OpenOrgs collects data from various research organization registries, institutional repositories, journals, and CRIS systems.

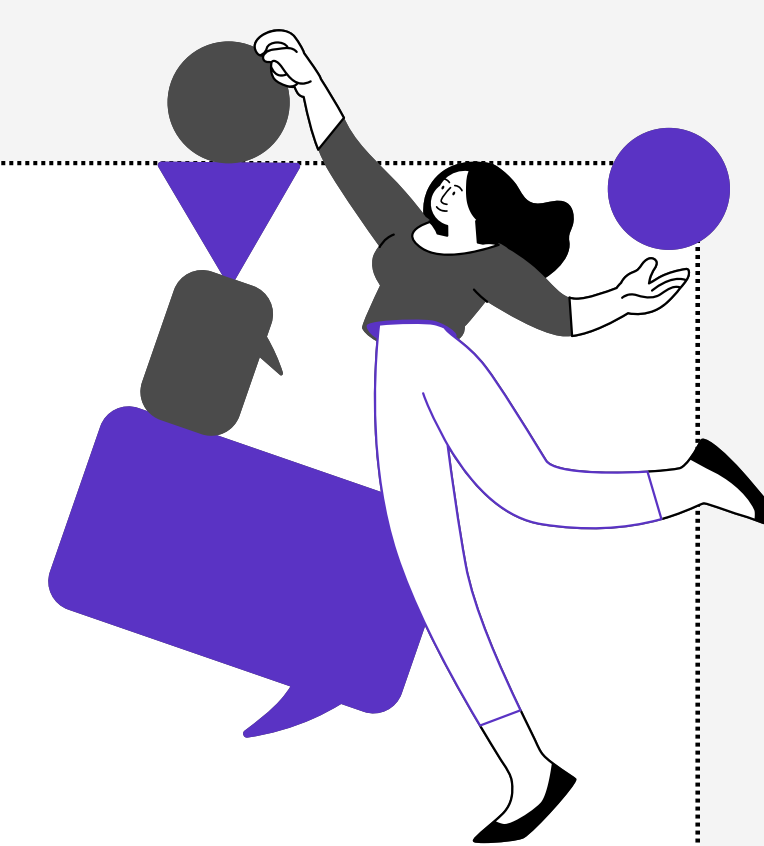
The core of OpenOrgs' functionality rests on a two-step process:

1 DEDUPLICATION ALGORITHM

- algorithm compares metadata from various sources, such as organization names, URLs, and country information
- algorithm suggests similarities among organizations

2 MANUAL CURATION

- curators verify the automated suggestions and resolve ambiguities
- curators suggest new duplicates and enhance metadata descriptions, adding persistent identifiers, alternative names, and other missing information



INTEGRATION WITH THE OPENAIRE ECOSYSTEM

OpenOrgs plays a crucial role in the OpenAIRE ecosystem.

- **OpenAIRE Graph** is enriched by OpenOrgs through the creation of representative organizations, using curators' feedback to enhance comprehensive representation and advance Open Science collaboration.
- **OpenAIRE Explore** uses curated metadata from OpenOrgs to help researchers quickly find organization details.
- **OpenAIRE Monitor** service relies on OpenOrgs data to track and monitor research activities and Open Science trends among organizations.

This integration improves the ability to find and acknowledge organizations, promoting a more open and cooperative research environment.

ADVANTAGES FOR THE OPEN SCIENCE COMMUNITY

RESEARCHERS

Improved digital object discoverability and access to organization details.

RESEARCH PERFORMING ORGANIZATIONS (RPOS)

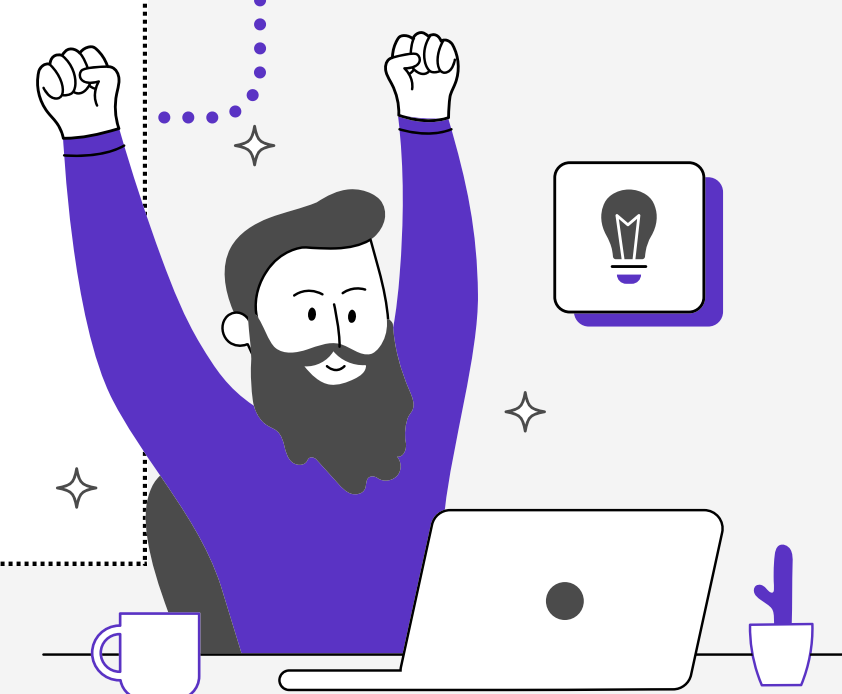
A consistent showcase of scientific production, improving visibility.

RESEARCH FUNDING ORGANIZATIONS (RFOS)

Access to consistent data for assessing resource impact.

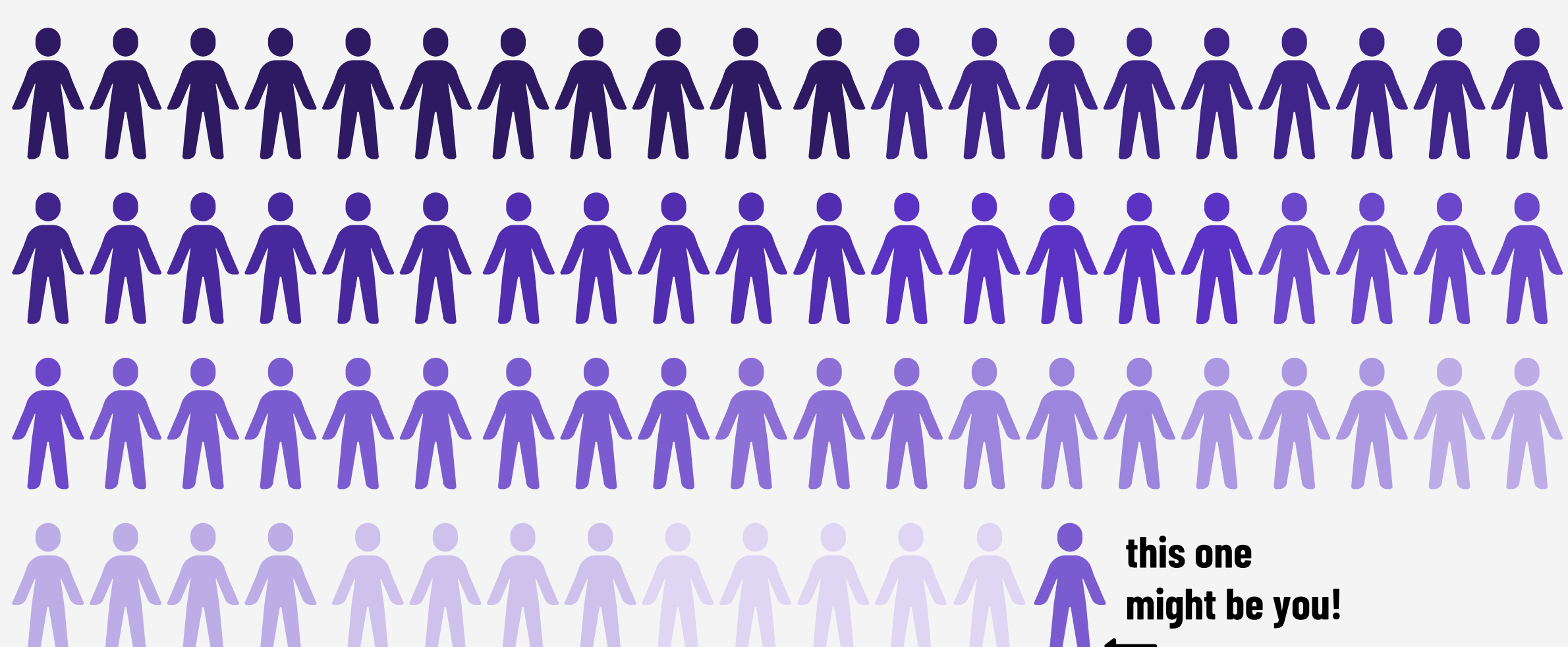
ALL STAKEHOLDERS OF OPEN SCIENCE SERVICES

Access to functional and up-to-date services supporting Open Science initiatives.



THE FUTURE WITH OPENORGS

As it seamlessly integrates into the OpenAIRE ecosystem, OpenOrgs is not merely a tool, but a game-changer for the research community. We believe it will contribute positively to build and maintain an integrated open scholarly communication system in the years to come.



BECOME AN OPENORGS CURATOR

OpenOrgs has more than 70 curators from all over the world. Together, they have successfully resolved and approved more than 100,000 organizations, representing approximately 34% of all entities in the database. But there's still much more to be done! Interested in contributing? Become an OpenOrgs curator! Scan the QR code for further details.



WANT TO KNOW MORE ABOUT OPENORGS?

Get in touch! > ikoncic@irb.hr > openorgs-admin@openaire.eu > <https://orgs.openaire.eu/>