

Powering global Scholarly Communication.  
Ground truth for Science.

A blurred background image showing a group of people smiling and talking, with several small blue bird silhouettes flying in the upper left corner.

# SCIENCE. SET FREE.

A large white plus sign inside a white circle, positioned on the left side of the lower half of the cover.

**ANNUAL REPORT**  
2024



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# | OpenAIRE in a Nutshell

OpenAIRE is Europe's response to the increasing demand for open, accessible, and interconnected research. By combining cutting-edge digital tools with the expertise of a dynamic community, OpenAIRE supports researchers, institutions, and funders at every stage of the research lifecycle.

From data management planning to publication, dissemination, and impact tracking, OpenAIRE provides a comprehensive suite of services designed to empower the research community. Its mission is to facilitate open access, drive collaboration, and ensure research outputs are widely shared and reused.

However, beyond the robust digital infrastructure, OpenAIRE is primarily built on a strong human network - a dedicated team of experts and national representatives who actively promote the adoption of Open Science policies and best practices. This anthropocentric approach ensures the effective implementation of Open Science principles across diverse research environments, aligning with both European and global initiatives.

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**2024: Advancing  
Open Science Across  
Europe and Beyond**

OpenAIRE is where science becomes the ground truth via openness. Connecting knowledge, people, and infrastructures worldwide.

## OpenAIRE in 2024: A Year of Growth and Trust

**52 Members**

**65 Strategic Partnerships**

**15 Research-enabling Services**

**8 New partnerships welcomed  
across Europe, Asia, and Latin  
America**

**18 New Courses on OpenPlato with  
3,500+ unique logins**

**2 Train-the-Trainer Bootcamps  
delivered**

**1,010 participants trained across 16  
events**

**1,300+ Helpdesk tickets resolved**

**2959 Data sources feeding the  
OpenAIRE Graph**

**EOSC EU Node launched with  
OpenAIRE Graph as its authoritative  
data source**

# Message from the leadership

## 2024: A Great Year of Growth, Collaboration, and Community Strength

2024 was a great year for OpenAIRE. We continued to strengthen our role as Europe's ground truth for Open Science, powering global scholarly communication with trusted infrastructures and meaningful collaborations. At the heart of this progress are the people of OpenAIRE: our members, NOADs, partners, and communities, whose dedication ensures that Open Science is not only a vision but a lived reality.

Together, we achieved important milestones. The launch of the EOSC EU Node with the OpenAIRE Graph as its authoritative source, the redesign of MONITOR, CONNECT, and ARGOS, and the expansion of our international partnerships all marked concrete steps forward. Yet behind every technical achievement lies the collective effort of experts and advocates across our network, who continue to build bridges between infrastructures, policies, and communities.

2024 also marked the rollout of our new governance and membership model, widening inclusivity and reinforcing our people-first approach. New members joined our Executive Board, while NOADs expanded their activities across Europe, ensuring national and institutional voices are heard. At the same time, long-standing partners such as COAR, LIBER, and SPARC worked with us to deliver policy actions that safeguard repositories for the future.

Capacity building remained a cornerstone of our mission. Through our Train-the-Trainer programme and the tireless work of NOADs, we equipped researchers, librarians, and institutional leaders with the skills to drive change. These individuals are the changemakers who will carry Open Science forward, strengthening institutions, shaping culture, and embedding openness across Europe and beyond.

Looking ahead to 2025, we are inspired by the opportunities before us. With a clear strategic vision and a strong, growing community, OpenAIRE will continue to advance Open Science as the global standard, ensuring that knowledge is open, trusted, and impactful for all.

To our members, partners, and community: thank you for your unwavering commitment. Together, we continue to shape the future of Open Science.

**Onwards to 2025, a year of expansion, transformation, and shared purpose.**



**Inge Van Nieuwerburgh**  
Chair of the Executive Board



**Natalia Manola**  
CEO

# | Governance & Community

## Community at the helm

In 2024, OpenAIRE strengthened its people-first model of governance. With the rollout of a new membership and governance framework, we expanded inclusivity, gave a stronger voice to our members, and reinforced the principle that OpenAIRE is led not by structures but by people.

Our Executive Board, Standing Committees, Working Groups, new members, and our network of National Open Access Desks (NOADs) together form the living community that drives OpenAIRE forward. Their collective expertise ensures that our infrastructure continues to be the ground truth for Open Science, powering global scholarly communication.

### Executive Board: Steering with people and purpose

At the 14th General Assembly in September 2024, two new members were elected to the Executive Board:

- **Judit Fazekas-Paragh**, Head of Department Education and Research Support, University of Debrecen and National Library
- **Joeri Both**, Vice Director, University Library of the Vrije Universiteit Amsterdam

They join a dedicated team of leaders from across Europe who ensure that OpenAIRE remains strategically focused, financially sustainable, and deeply rooted in the needs of the research community.

# New Executive Board Members



**Judit Fazekas-Paragh**, Head of  
Department Education and Research  
Support, University of Debrecen and  
National Library



Open Science is an exciting challenge for me. It's been over two decades since the BOAI, and we still haven't fully achieved all of its goals. However, the paradigm shift has begun, with the pandemic playing a significant role in accelerating this transformation. Open Science is quickly becoming the ideal model for conducting research in the 21st century. With the growth of technology and the increasing impact of AI, the traditional boundaries of scientific collaboration and information sharing are being redefined. Open Science promotes transparency, accessibility, and inclusivity, making research data and other research outputs available to a global audience. In this new landscape, Open Science is not just a desirable framework - it is emerging as the standard for scholarly communication. Researchers, institutions, and policymakers are embracing its principles to ensure that knowledge is not confined to a few but shared openly for the benefit of society. With these shifts, Open Science is set to become the foundation upon which future scientific progress is built.



**Joeri Both**, Vice Director,  
University Library of the Vrije  
Universiteit of Amsterdam.



I like the slogan 'Open Science is just science done right'. To me it means liberating the science practices in academia; being as transparent as possible without giving away the edge that one might have on a certain topic. It is also a way to battle the "unwanted" side effects of science. When it comes to Europe I see a bright future ahead, with the launch of the European Open Science Cloud and the effect that will have in the European countries I am really excited about that. I think Europe is a beacon of change for the rest of the world. My hope is that we can come to a truly open system for science in which the betterment of humanity and the planet is the goal and not personal.



# Continuing Executive Board members



**Inge Van Nieuwerburgh**  
Open Science Expert,  
University of Ghent

*Chair of the General Assembly  
and the Executive Board*



**Eloy Rodrigues**

Director of the University  
of Minho Libraries

*Vice Chair of the General Assembly  
and the Executive Board*



**Pauli Assinen**

Head of  
Development,  
University of Helsinki

*Treasurer*



**Birgit Schmidt**

Head of the Knowledge  
Commons Unit,  
Göttingen State and  
University Library

*Liaison to Training and  
Support Standing  
Committee*



**Gultekin Gurdal**

Library Director, Izmir  
Institute of Technology  
Liaison to Outreach,  
Communication and  
Engagement Standing  
Committee



**Michal Ruzicka**

Head of the Department of  
Data Security and  
Management, Masaryk  
University

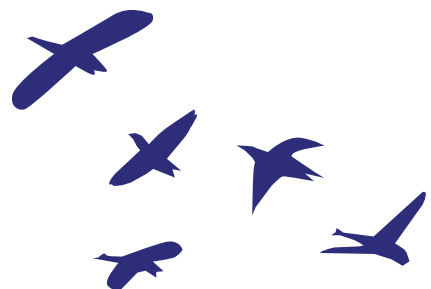
*Liaison to Open Science Strategy  
Standing Committee*



**Elli Papadopoulou**

Open Science  
Research Associate,  
Athena Research  
Centre

*Liaison to Services and  
Technology Standing  
Committee*



# Standing Committees & Working Groups

## Turning Vision into Action

### Open Science Strategy SC - WG on Monitoring

- Advanced alignment of national and international Open Science monitoring.
- Drafted the European Repository Network roadmap to strengthen repository resilience.
- Contributed to UNESCO's consultation on Open Science monitoring principles.
- Supported the launch of the Irish National Open Access Monitor, now embedded in funder and institutional workflows.

### Services & Technology SC - Guidelines & Business Models WG

- Developed new subscription templates, FAQs, and legal agreements for ARGOS, CONNECT, and MONITOR.
- Streamlined OpenAIRE Guidelines into two main tracks: repositories and CRIS systems.
- Presented at Open Repositories 2024, launching a new WG on sustainability and modernisation.
- Initiated a community discussion on repository networks and interoperability.

### Outreach, Communication & Engagement SC

- Strengthened the role of NOADs by mapping commitments into clear, concrete actions.
- Conducted a NOAD survey to improve communication formats and incentives.
- Relunched the OpenAIRExEOSC Task Force, aligning national activities with EOSC priorities.
- Introduced recognition mechanisms to reward active members.

### Training & Support SC - Research Data Management WG

- Delivered 20 new OpenPlato courses and two Train-the-Trainer bootcamps.
- Piloted Training-as-a-Service, integrating gamification and interactive learning.
- Launched a Research Software Management Task Force, delivering SMP templates aligned with the EVERSE project.
- Designed a repository roadmap and held the first RDM Bootcamp for Stewardship in Practice.

# Welcoming new members



**Vrije University (VU)**

Since its foundation, Vrije Universiteit Amsterdam has stood for scientific and value-driven education, research and valorisation. Through expertise, an open mind, an entrepreneurial attitude and a multidisciplinary approach, VU focuses on sustainable solutions with social impact, in primarily 4 themes: Connected World, Governance for Society, Human Health and Life Sciences and Science for Sustainability. The VU hosts faculties in the humanities, sciences, social sciences and medical sciences. One of the top universities in research with a strong social orientation, VU combines education and research in a unique manner.

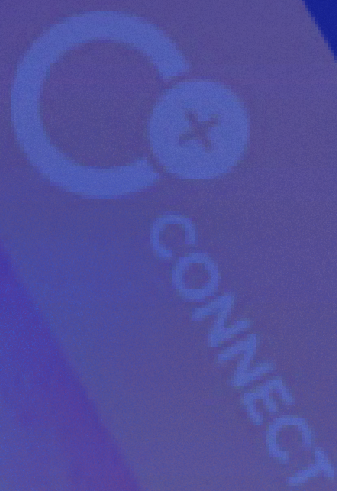
**University of the Arctic (UArctic)**



The University of the Arctic (UArctic) is a cooperative network of universities, colleges, research institutes, and organizations committed to higher education and research in and about the Arctic. Focused on strengthening local capacity and fostering sustainable development, UArctic promotes knowledge sharing and collaboration across the Circumpolar North. Its programs support Arctic-relevant education, research, and policymaking.



# OpenAIRE Services Spotlight



# OpenAIRE Service Catalogue ★★★★★

## Trusted tools for Open Science and scholarly communication

In 2024, OpenAIRE's services advanced on all fronts. We expanded coverage, launched new features, scaled adoption, and deepened integration into EOSC. Each service cluster not only grew in numbers but also in impact, demonstrating OpenAIRE's role as the ground truth for Open Science, powering global scholarly communication.

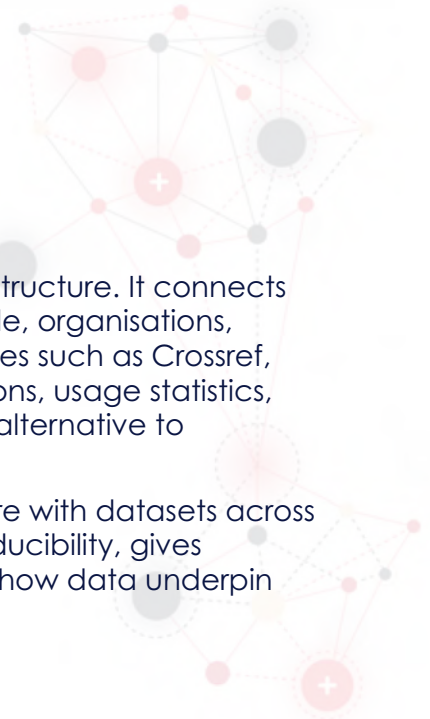
The **OpenAIRE Catalogue** became the single gateway to our portfolio of services, making it easier for communities to discover, compare, and access the tools they need. By grouping services under clear categories and providing guidance for funders, institutions, and researchers, the Catalogue reinforced OpenAIRE's position as a trusted one-stop-shop for Open Science solutions. It also ensured our services are findable, usable, and interoperable within the broader EOSC and global research ecosystem.

A major step forward in 2024 was the rollout of the new **subscription model**, which came into effect for services such as MONITOR, CONNECT, and ARGOS. This model provides clarity for institutions and funders on how to access and sustain services, while ensuring transparency, predictability, and fairness in cost recovery. By combining open access to core infrastructure with subscription options for advanced functionalities, OpenAIRE is laying the foundation for long-term sustainability while maintaining its mission as a non-profit, community-driven infrastructure.

The OpenAIRE AAI reached **51K registered users** in 2024 (+35%), demonstrating the expanding community relying on our services



[catalogue.openaire.eu](https://catalogue.openaire.eu)



## Powering discovery, bibliometrics, and assessment

At the heart of OpenAIRE lies the **OpenAIRE Graph**, our core data infrastructure. It connects publications, datasets, software, and other research outputs with people, organisations, projects, and grants from funding databases, using authoritative registries such as Crossref, DataCite, ORCID, and ROR. The OpenAIRE Graph also integrates citations, usage statistics, and APC cost data, offering a comprehensive and authoritative open alternative to proprietary bibliometric databases.

Through **ScholarXplorer**, the OpenAIRE Graph also links research literature with datasets across repositories, adding a critical layer of transparency that supports reproducibility, gives repositories greater visibility, and helps funders and policymakers trace how data underpin and extend research.

### 2024 Snapshot

2024 was a pivotal year for the OpenAIRE Graph. The successful integration of **Fields of Science (FoS)** classifications and UN **Sustainable Development Goal (SDG)** indicators provided deeper insights for decision makers and policymakers.

The new **API** completed its beta testing phase, with invaluable feedback from users paving the way for its official release in Q1 2025. With the **addition of 248 new data sources**, the OpenAIRE Graph reached a record **2,959 aggregated sources**, spanning data repositories, software repositories, and institutional, thematic, and catch-all repositories. Significant improvements were also made to the affiliation-linking algorithm and full-text mining infrastructure, further enhancing accuracy and usability. The result was an additional **enriched 95 mi research outputs with institutional affiliations**, strengthening the evidence base for universities and research organisations to benchmark performance and produce reports.

### Impact

The OpenAIRE Graph is not only a database, it is a working infrastructure used daily by funders, institutions, repositories, researchers, and SMEs. In 2024 it:

- Powered the **EOSC EU Node** as its authoritative data source, ensuring seamless integration across European services.
- Informed studies on **Horizon Europe** and the **EU State of the Union STI report**, providing robust evidence for policymaking.
- Supported the **Irish National Open Access Monitor**, enabling compliance tracking for funders and universities.
- Through **ScholarXplorer**, continued feeding commercial services, making literature–data links widely available beyond the open science ecosystem.
- Supplied **bibliometric teams** with an authoritative open alternative to proprietary databases, combining citations, usage, and APC data for MONITOR dashboards.



**193 mi** publications (+11%)

**73 mi** data (+22%)

**73 mi** software (+50%)

**3.4 mi** grants (+13%)

**2,959** aggregated data sources (+248)

**364 mi** publication-data relationships

**340 mi** API hits (+30%)

**5K** Graph snapshots downloads (+75%)



Interoperate  
Services

The plumbing of  
Open Science

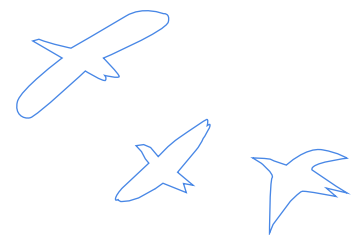


## Interoperate: Building trust through standards and quality metadata

OpenAIRE's strength relies on the thousands of repositories, CRIS systems, and journals that serve as its data sources. For OpenAIRE to be the authoritative ground truth for Open Science, these sources must speak the same language, follow common standards, and provide high-quality metadata. The Interoperate services make this possible. They ensure that **content providers are supported with clear guidelines, validation tools, and feedback mechanisms**, so their data can flow seamlessly into the OpenAIRE Graph, EOSC, and beyond. By investing in interoperability, we invest in a more trustworthy, connected, and future-ready research ecosystem.

### 2024 Snapshot

- **OpenAIRE Guidelines v4.0** set new levels of interoperability, with repository managers supported by training and guidance to reach compliance.
- PROVIDE introduced a **new OJS plugin**, making Open Journal Systems compliant with the Guidelines v4.0 and easing integration for journals.
- Metadata Validator underwent design and code refactoring to address new requirement from the **OSTRAILS project**, adding benchmarking metrics to help repositories measure and compare metadata quality in a community-interoperable way.
- Broker processed **18 million metadata events**, returning enrichments to repositories and CRIS systems.
- UsageCounts upgraded to **COUNTER Release 5**, introducing new concepts, metrics, and reports.
- OpenOrgs, with a new website, was **supported by a volunteer curator agreement** and community feedback for 2025 updates.



**615** data sources onboarded (+114%)

**18 mi** brokering events processed (+24%)

**663** data sources providing usage data(+11%)

**7.6 mi** API requests for usage statistics(+53%)

**243** applications for curators / **102** active curators



# Discover & Link

Services

Making  
research  
visible and  
connected



## Discover & Link: From discovery to community identity

The Discover and Link services are the entry points to the OpenAIRE ecosystem. **EXPLORE** offers a powerful discovery platform that brings together millions of scholarly works across publications, datasets, software, and projects. It enables advanced search, linking, and claiming of scholarly works through persistent identifiers and ORCID integration, ensuring researchers can connect their contributions with accuracy and visibility. **CONNECT** provides tailor-made community gateways for projects, institutions, and networks, giving them dedicated spaces to showcase research outputs, monitor compliance, and strengthen their Open Science identity. Together, these services make Open Science not only open, but also visible, connected, and trusted.

### 2024 Snapshot

- EXPLORE launched a redesigned **funders' page** for compliance monitoring and policy tracking.
- **New search options** by projects, organisations (with PIDs), and data source types improved discovery.
- The **ORCID Search & Link Wizard** was upgraded, allowing works without persistent identifiers to be added.
- Community views were expanded to include all entity types from the OpenAIRE Graph.
- CONNECT delivered **UI/UX improvements** for managers and published a new guide on OpenPlato.
- New gateways launched, including the **Dutch National Research Portal** and the **CIVICA University Alliance Gateway**.
- The **AURORA University Alliance** advanced with CONNECT and MONITOR supporting SDG goals through Open Science practices.



**293 mi** research results (+22%)

**75 mi** API requests (+31%)

**77 k** claims to ORCID (+36%)

**3.4 mi** projects (+5%)

**100** funders

**1.1 mi** visitors (+3%)

**49** gateways (+4%)





# Track & Assess Services

Evidence for  
fair & open  
evaluation



## Track & Assess: From discovery to community identity

OpenAIRE's Track and Assess services provide the trusted evidence needed to evaluate research in a fair and transparent way. At the centre is **MONITOR**, a flexible dashboard service that supports funders, institutions, publishers, and national authorities in tracking policy compliance, measuring the uptake of Open Science, and assessing broader scientific impact. By offering open indicators, benchmarking tools, and visual insights, Track and Assess helps the community move beyond proprietary metrics towards responsible and open evaluation.

### 2024 Snapshot

- MONITOR expanded to **95 dashboards**, including national, institutional, funder, and publisher views.
- **New indicators** were integrated: SDGs, Fields of Science, Plan S compliance, FAIR metrics, and OpenAPC data.
- The **Irish National Open Access Monitor** was extended until 2025, strengthening national-level policy tracking.
- **Horizon Europe monitoring dashboards** were introduced in EXPLORE, covering more than 9,000 projects.
- A **new Publisher Dashboard** was released, tailored for OA Diamond journals.
- A pilot was launched with SRCE in Croatia to support national Open Science monitoring for Diamond OA.



**95** dashboards (+132%)

Irish National Open Access Monitor extended

Horizon Europe dashboards for **9,000** projects



# Plan & Manage

Services

Embedding  
openness from  
the start



## Plan & Manage: Empowering researchers to share data responsibly

Good research management begins at the planning stage. OpenAIRE's services help researchers and institutions embed openness, FAIR principles, and compliance from the outset of a project. **ARGOS** makes Data Management Plans (DMPs) actionable, collaborative, and machine-readable, while **Amnesia** enables secure data anonymisation to protect privacy and comply with GDPR. Together, these services reduce administrative burden, simplify compliance, and ensure that research outputs are FAIR and shareable by design.

### 2024 Snapshot

- **Multi-tenancy** support for branded institutional cloud spaces, so organisations manage their own private DMP environments.
- **In-app notifications** to deliver tailored service updates.
- Collaboration features for **peer review**, **annotations**, and **personal note-keeping** on DMPs.
- Dynamic **template prefilling**, helping administrators customise and reuse templates more efficiently.
- **Invite PLUS functionality**, giving users finer control over sharing permissions and collaborator roles.
- Seamless content sync, ensuring compatibility between new and old templates for easy **version tracking**.
- ARGOS expanded its role in the global community: it signed the **Salzburg Manifesto on ma-DMPs**; integrated with **FAIRsharing** content to enrich DMPs with standards and policies; **Latvian Council of Science** adopted ARGOS as a pathway to FAIR and Open Data.

The ARGOS logo is written in a lowercase, rounded, teal-colored font.The Amnesia logo features a stylized white outline of a person's head and shoulders on the left, and a series of vertical bars of varying heights on the right, resembling a bar chart. Below this graphic, the word "amnesia" is written in a lowercase, sans-serif font.

### ARGOS

6,5 K users (+42%)

2,5 K projects (+21%)

366 finalised DMPs (+102%)

1 K dataset descriptions (+54%)

792 funders

2,6 K grants covered (+32%)

### AMNESIA

20K visits (+2%)

981 downloads (+1%)



# Our Collaborators in Open Science Services

Building a shared ecosystem where every service strengthens the path to openness

## Our collaborators: Strengthening the Open Science fabric

OpenAIRE works hand in hand with leading open infrastructures that complement and extend its mission. Through close collaboration with **Zenodo (CERN)**, **Episciences (CNRS)**, **OpenCitations (Univ. of Bologna)**, and **OpenAPC (Univ. of Bielefeld)**, we strengthen the global Open Science ecosystem. These services bring trusted solutions for sharing, publishing, citation, and cost transparency, together advancing a FAIR, open, and sustainable research environment.



### 2024 Snapshot

- The platform recorded **213 mi unique visits** (+67%), attracted **41 K researchers** (+31%), and hosted **1.7 mi datasets** (+76%)
- Launched the **EU Open Research Repository**, onboarding 130 EU-funded projects (23% of all projects with results on Zenodo, 11,000 grants).
- Participated in the **2024 DataWorks! Challenge** (FASEB & NIH), showcasing the power of data reuse.
- Integrated with **Software Heritage** for automatic archiving of software.
- Introduced new features: **zoom/annotation** for 1M+ images, FAIR **Signposting level 2**, restricted record sharing, domain fields (Biodiversity, MeSH), updated FAQs and spam tools.
- Expanded to **36 overlay journals** in mathematics, computer science, life sciences, SSH.
- Reached a community of 13K registered users (+7%).
- Improved editorial and peer review workflows
- Provided access to **2.4 bi indexed records** (+25%) and served **233 mi API** requests (+48%), reflecting growing global demand.
- Released **HERITRACE**, a semantic data curation tool for the GLAM sector, enabling provenance tracking and transparency in bibliographic data.
- Undertook major infrastructure upgrades to support scaling demand.
- Introduced a **major extension of the infrastructure** (via the openCost project) to capture additional journal-related charges such as colour, page, submission, and reprint fees.
- **530 institutions** provide data.

# Learn and Engage

Building a shared ecosystem where every service strengthens the path to openness



## Training: Community building through peer exchange

Training is a core part of OpenAIRE's mission, supporting the uptake of Open Science practices and services across Europe and beyond. OpenAIRE training reaches researchers, data stewards, funders, repository managers, policymakers, Horizon Europe principal investigators, and professional trainers through a mix of online and in-person activities. The Network of National Open Access Desks (NOADs) plays a central role, delivering training tailored to national and institutional contexts in local languages. Their work and impact are showcased in the country section at the end of this report.

### 2024 Snapshot

In 2024, OpenAIRE delivered a comprehensive training ecosystem that reached over 1,000 participants through 16 carefully designed events, combining intensive bootcamps, specialised webinars, and hands-on workshops. Our approach balanced breadth (covering 12 essential open science topics) with depth, ensuring participants gained practical skills they could immediately apply in their work.

### TOPICS THAT SHAPED 2024

- **Open Science & Open Data** - Foundational principles and practices
- **Data Management Plans (DMPs)** - Practical implementation with ARGOS
- **Open Access Publishing** - Routes, rights, and best practices
- **Intellectual Property Rights (IPR)** - Navigating legal frameworks
- **Horizon Europe Requirements** - Compliance and opportunities
- **FAIR Data Principles** - Making research findable and reusable
- **OpenAIRE Services** - EXPLORE, Zenodo, CONNECT, and more
- **EOSC Integration** - European Open Science Cloud tools and workflows

Beyond formal training, we cultivated a thriving community of practice. Our Training Support & Development Group grew to **59 members**, with monthly meetings launching in October. These sessions averaged 22 participants and created vital spaces for NOADs and newcomers to share challenges, showcase materials, and develop collaborative solutions.

The **OpenPlato e-learning platform** served as our digital backbone, hosting **18 newly created courses** while our Editorial Team Board processed 10 material review requests to ensure quality. Peak engagement in June saw over 2+ mi logins, while a 170-450 consistent monthly user base, demonstrating sustained community engagement.

- **1,010** participants trained across 16 events
- **18** new courses developed and deployed on OpenPlato
- **41** new trainers certified through **2** bootcamps
- **59** members in Training Support & Development Group
- **12** expert facilitators from leading European institutions
- **58.5%** attendance rate demonstrating strong engagement

## Train-the-trainer bootcamps: Creating champions

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Our signature Train-the-Trainer bootcamps successfully completed their 5th and 6th iterations, with 17 and 24 participants respectively achieving completion (41 new open science trainers empowered to cascade knowledge throughout their institutions and networks).

### Open Science Pedagogy

Critical review of teaching methods, innovative strategies, and quality assurance for designing effective open science courses.

### OA Publishing Trends

Interactive exploration of Plan S, Rights Retention Strategies, and intellectual property through quizzes and case studies.

### Research Data Management

Data Curation Lifecycle training focused on FAIR principles, repository selection, and practical DMP development.

### Hot topics in Open Science

Open Peer Review, Citizen Science, and AI integration with real-world scenarios from Horizon Europe contexts.

## Year-round webinar series

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Throughout 2024, we delivered an extensive webinar program covering critical open science topics, with sessions including:

- **OpenAIRE Coffee Breaks** - Integrating ORCID in repositories and CRIS systems
- **Horizon Europe Open Science Requirements in Practice** - Three sessions addressing compliance and implementation
- **Irish National Open Access Monitor** - Multi-part training series for research performing organizations (RPOs) and research funding organizations (RFOs), with sessions on APC data insights and infrastructure challenges
- **OpenOrgs Training** - Two sessions on curating research performing organization affiliations
- **TIER2 Reproducibility Initiatives** - Building Bridges workshop and two Reproducibility Café sessions on Management Plans
- **GraspOS Series** - Four webinars including OSAF/GraspOS overview, Assessing OA with PRISM peer review, Citation and Their Meaning, Leveraging OPERAS Metrics
- **EVERSE Training** - Research Software Engineers professional development
- **Repository Compatibility** - Updating compatibility with OpenAIRE Interoperability Guidelines
- **PATTERN OA Publishing Pilot Training** - Three-day intensive
- **EOSC Beyond Workshop** - Three-day event
- **SoBigData RI Summer School** - Week-long program
- **RAISE Science Webinar** - Unveiling the Power and Functionality of the RAISE System

## Training: Specialised course development

### **Data Protection, Copyright, and Ethics in Research**

Three comprehensive lessons covering GDPR compliance, copyright in digital environments, and responsible AI integration, building compliant, ethical research workflows.

### **DMPs for Research Success**

Hands-on training for data stewards, librarians, and support staff using the ARGOS tool to create customized DMP templates aligned with FAIR principles.

### **OpenAIRE ORGS Tutorial**

Practical guidance for curating organizational metadata, resolving duplicates, and establishing relationships to accurately map the research landscape.

### **OpenAIRE CONNECT Gateway Guide**

Step-by-step instructions for gateway managers to customize metadata, manage access, and optimize community engagement through the Administration Dashboard.

### **Holocaust Data & FAIR Principles**

Specialized training developed for the European Holocaust Research Infrastructure (EHRI), applying Open Research and FAIR principles to sensitive historical data.

### **Open Access Publishing: Myths & Challenges**

Two-hour beginner course exploring Gold, Green, and Diamond routes, author rights, and debunking misconceptions. Available in Croatian and Turkish.

### **State-of-the-Art FAIR RDM Training**

Comprehensive resources for trainers guiding learners through Research Data Management and FAIR principles, making research data findable, accessible, interoperable, and reusable.

## Engagement: Connecting communities, advancing science

2024 was exceptionally busy and productive, with OpenAIRE organising and participating in a diverse array of events that brought together researchers, librarians, policymakers, and open science advocates from around the world.

### 29 Service Community Calls

**941** participants

- 10 Graph calls (427 participants)
- 9 ARGOS calls (219 participants)
- 4 MONITOR calls (91 participants)
- 3 PROVIDE calls (148 participants)
- 2 CONNECT calls (30 participants)
- 1 joint MONITOR + CONNECT (26 participants)

### 11 Project Infosessions

**274** participants

Dedicated sessions introducing OpenAIRE projects, services, and collaborative opportunities to diverse stakeholder groups.

### 20 prestigious conferences

**93%** acceptance rate for submitted abstracts

Notable events included:

- **Creating Knowledge 2024 (Helsinki)** - Interactive "Treasure Hunt in OpenAIRE CONNECT" workshop
- **LIBER 2024 and LIBER Winter Event (Maribor)** - Showcasing university alliance support services
- **EUDAT Conference 2024 (Karlsruhe)** - Presenting EOSC Core Innovation Sandbox and Graph projects
- **International Open Access Week 2024** - "Community over Commercialization" themed webinars and podcasts



# Engagement: Connecting communities, advancing science

OpenAIRE's commitment to external communication led to significant growth across all channels, with expanded presence on open platforms including **Mastodon** and **BlueSky**.

**LinkedIn**

**+95%**

3,476 followers  
151K impressions



**+1%**

17,100 followers  
707K impressions

**YouTube**

**+393%**

1,320 subscribers  
96K views • 550K  
impressions

**facebook**

**+7%**

3000 followers

NEWSLETTER



**+46%**

7,300+ subscribers  
18 newsletters  
published



**Blog**

**37**

Posts published  
64K reads

# OpenAIRE Podcasts Series



## Exploring the Power of the OpenAIRE Graph

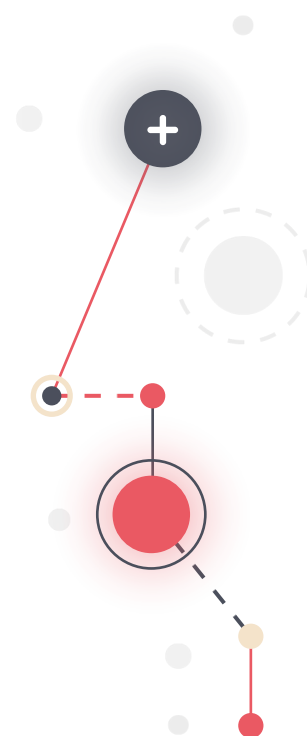
### A Podcast Miniseries

In 2024, our podcast series "Open-ON-AIRE" explored the OpenAIRE Graph, the knowledge graph that powers our tools and services for promoting Open Science. Across six episodes, listeners gained comprehensive insights into the Graph directly from the team behind it, covering architecture, applications, bibliometrics, and the community collaboration driving its success.

OpenAIRE CEO Natalia Manola launched the series with a compelling introduction to the Graph and its strategic role in shaping the European Open Science Cloud (EOSC). CTO Paolo Manghi then took listeners "under the hood," explaining what distinguishes the OpenAIRE Graph from other scholarly knowledge graphs and how community input drives its evolution.

Subsequent episodes demonstrated the Graph's real-world impact: Outreach Officer Giulia Malaguarnera highlighted the participatory governance model that prioritizes community needs; Ioanna Grypari explored the Graph's role in Open Science monitoring, including the Irish National OA Monitor; Miriam Baglioni and Leonidas Pispiringas demonstrated its capacity for bibliometric and scientometric analyses; and Thanasis Vergoulis showcased how the Graph enhances scholarly discovery through projects like SciLake.

This series provided essential insights into how the OpenAIRE Graph connects, empowers, and transforms research understanding.



**6 episodes with 630 plays**



- 1 Breaking Down the OpenAIRE Graph: What and why?
- 2 Breaking Down the OpenAIRE Graph: Going behind the scenes
- 3 Breaking Down the OpenAIRE Graph: The Graph, you, and OS monitoring
- 4 Breaking Down the OpenAIRE Graph: The Graph, you, and bibliometrics
- 5 Breaking Down the OpenAIRE Graph: The Graph, you, and discovery
- 6 The OpenAIRE Graph: Shaped by Community

# Partnerships

In 2024, OpenAIRE expanded its collaborative network to accelerate Open Science implementation worldwide. Through strategic partnerships, shared infrastructure, and cross-border cooperation, OpenAIRE strengthened its role as a trusted enabler of open, interoperable, and FAIR research ecosystems. These collaborations demonstrate OpenAIRE's commitment to building sustainable Open Science infrastructure at local, regional, and global scales.

## Global Collaborations

**China:** OpenAIRE signed a Memorandum of Understanding with the National Science Library of the Chinese Academy of Sciences to explore technical alignment between scholarly communication services and databases. The collaboration focuses on integrating the OpenAIRE Graph with China's PubScholar platform, advancing metadata integration, interoperability standards, and sustainability planning for Open Science infrastructures.

**Latin America:** A joint agreement with LA Referencia and RedCLARA formalized shared objectives for strengthening regional Open Science ecosystems. The partnership focuses on enhancing metadata quality, exchanging usage statistics, and delivering training and capacity-building initiatives to support national Open Science implementation across Latin America.



## Partnerships with e-Infrastructures

OpenAIRE co-founded the European e-Infrastructures Assembly with EGI, GÉANT, EUDAT, and PRACE to enhance coordination among research e-infrastructures. This mechanism strengthens collective engagement on Open Science policy and innovation, ensuring aligned activities and a unified voice in shaping Europe's research infrastructure landscape.



## Partnerships with funders

**Latvia:** The Latvian Council of Science selected OpenAIRE's ARGOS as its national platform for Data Management Plans. OpenAIRE developed a customized template in close collaboration with the Council to ensure alignment with national research policy and requirements.

**Ireland:** The Health Research Board was onboarded into the OpenAIRE Graph, enabling FAIR-compliant linking of funded research outputs. This integration feeds into the National Open Access Monitor, co-developed with IReL and supported by the National Open Research Forum (NORF), providing national-level transparency and tracking of Open Access implementation.



Latvian Council of Science



## Partnerships with industry

**SCImago Lab (Spain):** A strategic collaboration focused on evaluating the OpenAIRE Graph and co-designing indicators for research assessment, performance analytics, and bibliometric evaluation.

**EBSCO Information Services (USA):** OpenAIRE entered an agreement to integrate its metadata into EBSCO Discovery Service, significantly enhancing global visibility and accessibility of Open Science content.



## National Open Access Monitor Co-developed with Irish stakeholders

The National Open Access Monitor for Ireland, developed with IReL and supported by NORF, stands as a model of co-creation.

- ✦ A national survey engaged research institutions, funders, repositories, and researchers to define how organisational identities and research outputs should be presented.
- ✦ Iterative feedback during workshops and training events helped refine platform features, indicators, and data visualisation tools.
- ✦ The Monitor now enables institutions to benchmark performance, check compliance, and explore detailed metrics aligned with FAIR and Open Access practices.

The result is a trusted national infrastructure tailored to local needs, built in collaboration with the Irish research community.



## OpenAIRE for Universities and for University Networks / Alliances

Building on the OpenAIRE webpage for Research Performing Organisations, OpenAIRE introduced a targeted initiative in 2024 to support universities and University Alliances in embedding Open Science into their institutional strategies.

A dedicated webpage was published to highlight how OpenAIRE's suite of services can serve both individual universities and cross-institutional networks such as European University Alliances.

OpenAIRE's support is structured around four core services:

- CONNECT: Custom gateways that aggregate and showcase research outputs from multiple institutions or alliance members.
- MONITOR: Dashboards offering real-time insights into Open Science practices, collaborations, and funding across institutions.
- ARGOS: A flexible tool for creating Data Management Plans, adaptable to institutional and alliance-level policies.
- Trainings: Peer-learning workshops and tailored sessions to support capacity-building and the exchange of best practices.

These services were showcased at events including LIBER 2024 and the FOREU4ALL webinar series, receiving strong interest from university networks looking to operationalise Open Science across their research communities.

**More information is available at: [openaire.eu/openaire-for-uni-alliances](https://openaire.eu/openaire-for-uni-alliances)**

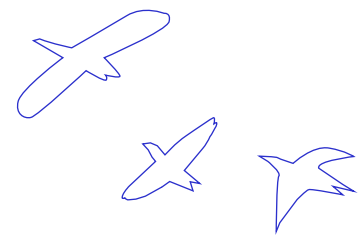
# | Projects

OpenAIRE's role in shaping  
Europe's Research Infrastructure



Selling  
board





# Projects 2024

In 2024, OpenAIRE participated in **13 European projects**, serving as a crucial connector between policy ambitions and practical implementation. OpenAIRE's role transcended technical service provision to become a strategic enabler of Open Science transformation, bridging research communities, developing innovative tools, and ensuring interoperability across Europe's evolving research ecosystem.

## OpenAIRE's cross-Ccutting role: The strategic connector

Across all projects, several patterns define OpenAIRE's unique value. First, OpenAIRE serves as an **infrastructure provider**, operating the OpenAIRE Graph as the foundational data layer powering services across multiple projects. Second, it acts as an **interoperability broker**, ensuring diverse systems, standards, and communities work together seamlessly. Third, OpenAIRE functions as a **community convener**, bringing together researchers, institutions, publishers, and policymakers to co-design solutions addressing real needs. Fourth, OpenAIRE leads in **training and capacity building**, developing materials, organizing events, and creating platforms that empower stakeholders to adopt Open Science practices. Finally, OpenAIRE champions **policy alignment**, translating European Commission requirements into practical tools and workflows institutions can implement.



## Building the Foundation: Infrastructure and Interoperability

OpenAIRE's project portfolio centers on creating robust, interoperable infrastructure that makes Open Science practical. Through **FAIRCORE4EOSC**, OpenAIRE led development of the **Research Discovery Graph (RDGraph)**, advancing AI-based methods to infer Research Activity Identifiers (**RAiDs**). This work integrated B2FIND metadata into OpenAIRE EXPLORE, bridged PID resolvers with research portals, and finalised integration with Software Heritage for source code preservation aligned with FAIR principles.

In **EOSC Beyond**, OpenAIRE ensured interoperability through its PROVIDE service, facilitating data exchange between EOSC Nodes. In **OStrails** OpenAIRE coordinates efforts to deliver a FAIR-enhanced, machine-actionable environment spanning 17 countries and 5 ESFRI scientific clusters. **EOSC Track** focused on policy intelligence, with OpenAIRE rebranding the EOSC Open Science Observatory and updating monitoring frameworks to strengthen evidence-based decision-making.

## Strengthening Diamond Open Access Publishing

**CRAFT-OA** fortified Diamond OA publishing with the **OpenAIRE Publisher Dashboard** which empowers Diamond OA publishers with comprehensive metrics including benchmarking, funding information, citations, FAIRness indicators, and Field of Science and SDG visualizations.

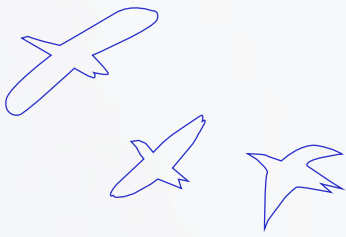
The **Diamond Discovery Hub** emerged as a centralised registry for institutionally published and scholar-led OA journals in Europe. Technical innovations included an **OJS Connector** for seamless metadata integration, successfully demonstrated through 34 journals from Masaryk University. The establishment of the European Diamond Capacity Hub, with CRAFT-OA's Technical Board acting as its "Tools and Technologies" task force, solidified the project's role in shaping Diamond OA's future.

## Empowering Research Communities and Assessment Reform

OpenAIRE recognises that infrastructure alone cannot drive transformation. Through **SciLake**, OpenAIRE developed community gateways with domain experts in Neuroscience, Cancer, Transportation, and Energy. The EC recognised SciLake as a key contributor to research assessment reform, particularly for its **AI-assisted services** evaluating scientific merit, reproducibility, and societal impact.

**GraspOS** directly addresses assessment reform by developing tools supporting organizations in implementing CORA commitments. This connects to the **Researcher Profile** framework, a customisable tool interoperable with ORCID and the OpenAIRE Graph, featuring an innovative **Narrative CV** timeline showcasing diverse contributions beyond publications.

**PathOS** complemented these efforts by publishing key studies on societal and academic impact while refining the Key Impact Pathways framework.



## Advancing Reproducibility and Research Software

**TIER2** advanced reproducibility across disciplines, with OpenAIRE fostering collaboration between NOADs and Reproducibility Networks. Two Reproducibility Cafés developed a prototype **Reproducibility Management Plan for ARGOS**, while webinars with funders shaped the Reproducibility Monitoring Dashboard.

**EVERSE** aims to establish research software as a first-class citizen in science. OpenAIRE supports by integrating training resources through OpenPlato, improving repository guidelines for metadata quality and software citation mechanisms, and supporting **Software Management Plans**.

## Training, skills, and cultural change

**PATTERN** developed comprehensive training on Open and Responsible Research and Innovation. OpenAIRE contributed through its **OpenPlato** platform, integrating with the Learning Planet Institute's Projects platform to create a unified digital ecosystem covering citizen science, FAIR data management, gender equality, mental health, open access, science communication, research integrity, and dissemination.

**SoBigData PPP** strengthened Open Science integration in research infrastructure preparatory phases, with OpenAIRE delivering training at the SoBigData Summer School 2024 and shaping discussions at the Brussels policy event "The Future of AI and Data in Europe."

## Innovation in data security and distributed processing

**RAISE** (Research Analysis Identifier System) represented OpenAIRE's engagement with cutting-edge approaches to data security and FAIR principles. Rather than transferring large datasets, RAISE builds a distributed platform bringing processing algorithms to data sources, employing blockchain technologies to improve FAIRness at the processing stage. By year-end, the platform reached beta release. OpenAIRE supported community engagement through events like the RAISE Datathon and EU Project Event, delivered webinars on Horizon Europe's Open Science requirements, and contributed to EOSC alignment through FAIR-IMPACT Task Force participation and integration planning for the OpenAIRE FAIR Validator.

# New EU projects to start in 2025



In 2024, OpenAIRE won three ambitious proposals addressing critical challenges in the research ecosystem: removing barriers to data sharing, uniting the European research community within the EOSC Federation, and preserving Europe's linguistic and cultural diversity in the age of generative AI.

## RAISE Suite



### Removing Barriers to Research Data Sharing

The project automates the process from data collection to dataset generation, guided by FAIR-by-design principles. EOSC-RAISE integrates into RAISE Suite to create a platform supporting simple dataset sharing and exploitation, mitigating concerns about lack of recognition and data protection.

**Machine Actionable DMPs:** RAISE Suite implements ma-DMPs that turn the DMP-ID into the main reference point for the whole data lifecycle, following research activities, connecting underlying algorithms and data, and updating the DMP from collection to exploitation. This capitalizes on the previously funded EOSC-RAISE project.

## EOSC United

### Uniting Europe's Research Community in the EOSC Federation

EOSC United unites the research community within this federation, supporting the EOSC EU Node that launched in autumn 2024 as the foundation providing blueprints and interoperability frameworks for future nodes.

## LLMs4EU

### Preserving European Linguistic and Cultural Diversity in the AI Age

The project brings together Europe's leading players in generative AI to ensure European companies, especially SMEs, can compete in Large Language Models (LLMs), a market currently dominated by American companies.

The goal is to make LLMs and necessary tools for their exploitation available in open data across all EU languages by capitalising on existing European programmes. OpenAIRE participates in the Science Use Case, building a fine tuned model for Science

## Supporting Research Assessment Reform

### OpenAIRE's strategic role in transforming European Research Infrastructure

OpenAIRE has published an **Action Plan** supporting Coalition for Advancing Research Assessment (CoARA) commitments, driving research assessment reform as part of its Strategy 2023-2025. The plan promotes diverse research outputs, moves away from journal-based metrics, and prioritises qualitative, peer-reviewed evaluations. OpenAIRE invests in infrastructure, training, and collaboration to ensure transparent and evidence-based assessment practices.

### Co-Chairing the Working Group on Open Infrastructures for Responsible Research Assessment (OI4RRA)

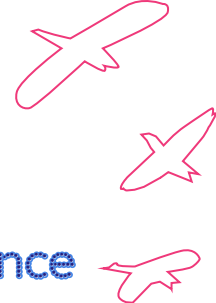
OpenAIRE co-chairs the CoARA Working Group on Open Infrastructures for Responsible Research Assessment (OI4RRA), driving efforts to establish fair and transparent research assessment practices. The OI4RRA subgroup has achieved significant milestones, including publication of the report "Open Infrastructures for Responsible Research Assessment: Principles and Framework" for public consultation. This comprehensive framework leverages Open Infrastructures in research assessment, outlining key principles, characteristics, technical requirements, and governance practices to ensure transparency, inclusivity, and responsible evaluation.

### Transitioning to community-driven infrastructure

The framework underscores the need to transition from proprietary systems to community-driven infrastructures, focusing on technical robustness, operational capacity, ethical considerations, and stakeholder engagement.

The subgroup has conducted a series of interviews with institutions navigating the transition to Open Infrastructures, gathering insights that will inform a forthcoming report to be published by late Spring 2025. They are also finalising a draft document establishing a conceptual architecture for implementing a Responsible Research Assessment (RRA) framework built on Open Infrastructures. This document will serve as a strategic and technical reference for institutions, policymakers, and funding bodies committed to building transparent, interoperable, and scalable research assessment infrastructures.





## OpenAIRE and the EOSC: Strengthening Open Science Infrastructure

In 2024, OpenAIRE further consolidated its role as a key player for Open Science within the EOSC, promoting interoperability, access, and seamless integration of research outputs across the ecosystem.

### Contributing to the EOSC EU Node

An important milestone in 2024 was OpenAIRE's contribution to the EOSC EU Node, officially launched during the EOSC Symposium in October. The EOSC EU Node is a central component of the EOSC Federation, designed to support research workflows through services that allow researchers to perform data-driven open science.

OpenAIRE Graph was selected as the authoritative data source for the EOSC EU Node to ensure that research publications, datasets, software, and other research outputs are discoverable and interconnected within the EOSC.

### Operating the EOSC Open Science Observatory

Through the **EOSC Track project**, the EOSC Open Science Observatory enables monitoring of national Open Science policies and their implementation across Europe. In 2024, the Observatory was rebranded with refined design and data presentation to improve usability for policymakers and stakeholders. The [EOSC Steering Board Survey on National Contributions](#) was supported through survey data analysis and monitoring framework updates. Working with NOADs, the [Country Pages Narrative Framework](#) was updated to improve collection of national snapshots, ensuring a comprehensive overview of Open Science developments across Europe.

### Ensuring interoperability across EOSC

As the EOSC moves toward a federated model, OpenAIRE's infrastructure plays a critical role in enabling seamless data discovery, interoperability, and integration across different research domains. Through EOSC Beyond, OpenAIRE ensures interoperability through its **PROVIDE service**, facilitating data exchange between interconnected EOSC Nodes. Through **OSTrails** project efforts aim to deliver a FAIR-enhanced, machine-actionable environment spanning 17 countries and 5 ESFRI scientific clusters. Through **FAIRCORE4EOSC**, the **OpenAIRE Graph** includes RAIDs and the **EXPLORE** service bridges PID resolvers with research portals to ensure technical robustness and interoperability of core EOSC components.

### National implementation through NOADs

OpenAIRE continues to drive Open Science adoption across Europe through its well-established network of National Open Access Desks (NOADs). Present in 37 European countries, NOADs play an important role in implementing Open Science at national level, providing direct support to institutions, policymakers, and researchers. Their work ensures that EOSC principles are aligned with national policies and that research communities across Europe benefit from a more integrated and coordinated Open Science environment.

# EOSC EU Node

- The **EOSC EU Node** represents a major evolution in the European Commission's long-standing investment in Open Science, moving from research projects to an operational service offered directly by the Commission. Awarded through a competitive tender by DG CNECT, the contract established the **Open Science Agora Consortium**, led by **Athena Research and Innovation Center**, OpenAIRE's Greek NOAD. The consortium is responsible for building and operating the core capabilities of the EOSC EU Node, which now offers a portfolio of services operated by two additional consortia, including **File Sync & Share**, **Interactive Notebooks**, **Virtual Machines**, **Cloud Container Platform**, and **Bulk and Large File Transfer**. Together, these services enable researchers to collaborate and work efficiently in data-intensive environments.
- As a key partner, OpenAIRE contributes its expertise and infrastructure to power the **Node's Resource Knowledge Graph**, a curated subset of the **OpenAIRE Graph** focused on European research outputs and institutions. This graph integrates records from trusted sources such as the **EU Data Portal**, **Software Heritage**, and thousands of European repositories, ensuring comprehensive coverage of publications, datasets, and software produced through EU-funded and national research. By serving as the authoritative data backbone for the EOSC EU Node, the Resource Knowledge Graph enables accurate discovery, exploration, and recommendations of research outputs, linking people, projects, and results across Europe in a transparent and verifiable way. It will progressively **interconnect with national and thematic nodes** across the continent, forming part of the broader **EOSC Federation** framework and ensuring a unified, open, and interoperable European research ecosystem.

<https://open-science-cloud.ec.europa.eu/>

Launched in 2024, EOSC Track is dedicated to enhancing the EOSC by improving the monitoring and analysis of open science in Europe. The project provides structured insights and policy intelligence tools to support stakeholders in making informed, data-driven decisions that foster Open Science and digital innovation.

## Key activities and achievements in 2024

### Rebranding the EOSC Open Science Observatory

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A major focus in 2024 was the rebranding of the EOSC Open Science Observatory—a key policy intelligence tool designed to support decision-makers with comprehensive Open Science monitoring. The rebranding process aimed to enhance both the design and the way data is presented, ensuring a more user-friendly and informative experience. The new version will be launched soon, offering improved accessibility and functionality. More details on the rebranding process can be found [here](#).

### Supporting the EOSC Steering Board (SB) Survey on National Contributions

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EOSC Track played a vital role in supporting the EOSC SB Survey on National Contributions to EOSC and Open Science. This survey is essential for tracking national engagement with EOSC policies and assessing progress in Open Science implementation across Europe. Together with Technopolis Group, a subcontractor specializing in policy analysis, an in-depth analysis of the survey results was conducted, providing critical insights for policymakers.

### Enhancing National Snapshots: Updates to the Country Pages Narrative Framework

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To ensure a more accurate and structured representation of national Open Science efforts, EOSC Track updated the Country Pages Narrative Framework. These updates improve how national Open Science snapshots are collected and analyzed, making the data more actionable for policymakers and stakeholders. As part of this effort, two sprint sessions were organized with National Open Access Desks (NOADs) to introduce the updates and provide best practices for completing the country pages. Details on the updated framework are available [here](#).

### Workshops and Expert Consultations

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To refine EOSC monitoring framework, EOSC Track with subcontractor organized two expert workshops with representatives from the European Commission, EOSC Steering Board, and sister projects such as PathOS. These workshops focused on expanding the monitoring framework beyond Open Science policies and practices to include their impact—ensuring that future assessments provide a more comprehensive view of EOSC's progress and effectiveness.

### Looking Ahead

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The outcomes of EOSC Track's work in 2024 lay the foundation for stronger evidence-based decision-making within the EOSC ecosystem. By refining monitoring frameworks, improving data collection, and enhancing the EOSC Open Science Observatory, the project contributes directly to advancing Open Science and driving digital innovation across Europe. Stay tuned for more developments in 2025 as EOSC Track continues to evolve and expand its impact.

# OpenAIRE OMO Team

Committed to community-driven governance, diversity, and inclusion, the OpenAIRE Office Team comprises multinational skilled individuals dedicated to promoting open scholarly communication. With diverse expertise and backgrounds, they support the day-to-day function of OpenAIRE's services, projects, and activities, advancing Open Science and knowledge-sharing across Europe and globally.



**Natalia Manola**  
CEO



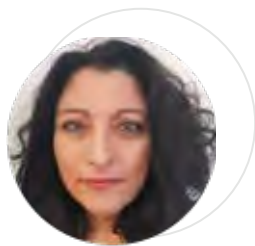
**Paolo Manghi**  
CTO



**Thanasis Vergoulis**  
Chief Data Scientist



**Giulia Malaguarnera**  
Outreach and  
Engagement Officer



**Androniki Pavlidou**  
Services Portfolio  
Manager



**Marilee Andriopoulou**  
Event Coordinator



**Konstantinos  
Kavallaris**  
Communications Officer



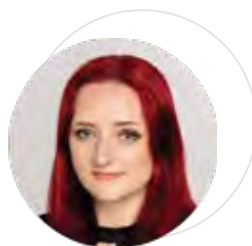
**Stefania Amodeo**  
Engagement &  
Training Officer



**Theodora Kawadia**  
Training Coordinator



**Esther Georgiou**  
Training Assistant



**Maja Dolinar**  
User Engagement  
& EOSC Liaison



**Leonidas Pispiringas**  
Scholarly Communication  
Technical Expert



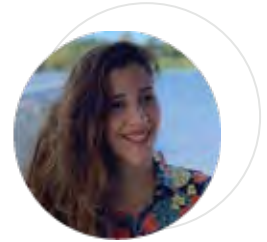
Zenia Xenou  
Engagement &  
Training Officer



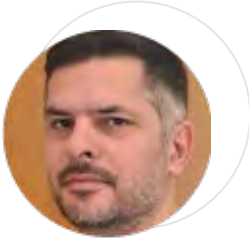
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Research Project Manager &  
Open Infrastructure  
Specialist



Tereza Szybisty  
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Research Project  
Manager



Fay Meimaraki  
Marketing and  
Communication Officer



Tassos Stavropoulos  
Research Project Manager  
/ RDM Specialist



Christina Xylogianni  
Digital Librarian &  
Metadata Specialist



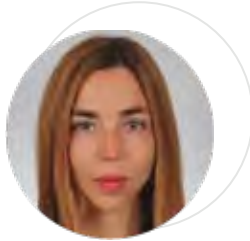
Marianna Katrakazi  
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Jonathan England  
Open Science  
Training Specialist



Alane Brunschweiger  
Communications Specialist



Iro Bournazou  
Communication &  
Social Media Specialist



Vasilis Mihalenas  
Graphic Designer



Ioanna Giannaki  
Office Manager



Eleni Koulocheri  
Financial Project  
Management - Admin



Prodromos Tsiavos Senior  
Legal and Policy Advisor



# 2024 NOAD activities





# Region East

**17** countries



## OpenAIRE Azerbaijan

**Khayala Hajiyeva, Ilfat Ibrahimov** - Azerbaijan Technical University

Since May 2024, Azerbaijan Technical University is the OpenAIRE NOAD for Azerbaijan. University representatives presented OpenAIRE at the 10th Baku International Book Fair with a dedicated booth. A key Open Science project – DIRNA, funded by Erasmus+ KA2 – that Azerbaijan Technical University is involved in establishes a digital repository network with eight universities in Azerbaijan and three European partners. Information on Open Science initiatives was gathered through trips to Izmir and Italy, and Khayala Hajiyeva and Ilfat Ibrahimov participated in training sessions in Finland as part of the project. The university is working with OpenAIRE on policy support and is preparing to set up a dedicated Open Science office in 2025.



## OpenAIRE Estonia

**Liisi Lembinen**, University of Tartu

At the University of Tartu, three Open Science related events were held in 2024: A Citizen Science seminar in May, an Open Science ABC event in June, and an event during Open Access Week in October. Two major projects, LIBOCS (a citizen science project for libraries) and EODOPEN (a project to digitize valuable books and materials), were completed.

A national website for Open Science website has been fully established, it is currently in Estonia language only but will be translated to English in 2025. In addition, Liisi participated in the OSC incubator program and will launch an Open Science community at her institution. Collaboration with the doctoral school at University of Tartu has been successful, training on RDM and Open Access has been added to the curriculum. In 2025, four Open Science Ambassadors per subject field will be established at the University to provide specific Research Data Management advice, fully funded by the University itself. Also in 2025, the institutional DataDOI research data repository will be migrated from DSpace to Dataverse.



## OpenAIRE Romania

**Alina Irimia and Mihaela Cucu**, Executive Agency for Higher Education, Research and Innovation Funding (UEFISCDI)

An online Open Science community has been launched on brainmap.ro, a platform for Romanian researchers, innovators, technicians and entrepreneurs. It features updates, events and discussions on Open Science in the country.

UEFISCDI has organized the international conference “Rethinking Research Assessment” in Bucharest, which centered around policies, use cases and researchers’ perspectives on research assessment.



## OpenAIRE Croatia

**Bojan Macan**, Ruđer Bošković Institute (RBI)

Within the PATTERN project, the Ruđer Bošković Institute has been piloting curriculum modules to teach students about RRI and Open Access. Within the OSTrails project, RBI has been implementing ARGOS as a DMP tool for a major funder. In addition, machine actionable DMPs will be pushed for the national repository DABAR and for the Croatian national CRIS system CRORIS. CRORIS was also presented at the EUROCRIS Conference 2024.

While there is still not a national Open Science policy in place, the Agency for Science and Higher Education has introduced new criteria related to Open Science activities. This new standard is prompting institutions like the University of Zagreb to introduce their own Open Science policies, establish data repositories, and open previously closed electronic theses and dissertations. RBI is a leader in Open Science in the country, with data librarians supporting researchers in writing DMPs and depositing data and organizing schools for journal editors.



## OpenAIRE Slovakia

**Silvia Sofianos, Jitka Dobbersteinova**, Slovak Centre for Scientific and Technical information (SCSTI)

The Slovak Centre of Scientific and Technical Information organized the second Slovak Open Science Forum in Bratislava on November 14th, 2024. The conference saw attendance from over 60 participants and welcomed speakers from Austria, Belgium, the Czech Republic, France, Hungary and Slovakia. The conference was held under the auspices of the Ministry of Education, Research, Development, and Youth of the Slovak Republic and highlighted different areas of Open Science, including open access to research data, research data management, research assessment, and citizen science.

Additionally, experts in Slovakia are developing a platform for Open Science education in the country and preparing for the new Open Science action plan for 2025-2026.



## OpenAIRE North Macedonia

**Vladimir Trajkovik, Katerina Klimoska**, Ss Cyril and Methodius University

UKIM is a member of the CoARA Coalition and actively participates in two CoARA working groups: Toward Open Infrastructures for Responsible Research and Evaluation and Reforming Academic Career Assessment. An institutional workshop on the benefits and challenges has been held in 2024. In addition, significant progress has been made towards establishing a Center for Open Science at UKIM.



## OpenAIRE Slovenia

**Mojca Kotar**, University of Ljubljana

Within the SPOZNAJ project, 20 Slovenian public research organizations and the Central Technical Library as the coordinator carry out numerous activities to align with principles of Open Science.

In addition, the Slovenian Research and Innovation Agency (ARIS) criteria for research assessment are now aligned with Open Science principles (Splošni akt ARIS o raziskovalnih nazivih, Article 3). ARIS also requires openness of project research results as per the decree on Open Science and a DMP by month 6 six. Plus, ARIS has adopted criteria for trusted repositories.

The first instance of the Slovenian Open Science Monitor has been launched at <https://monitor.openscience.si/> in 2024. It will be further developed and expanded in 2025.



## OpenAIRE Moldova

**Irina Cojocaru, Igor Cojocaru**, ISDI Information Society Development Institute

There is no national Open Science policy in place yet in Moldova, but ISDI nevertheless focusses on practically implementing Open Science principles. ISDI has won the call for a national project on scholarly publishing trends in the past 15 years and for another project to analyze predatory publishing in the country. For both projects, events and training sessions will be organized.

ISDI signed the CoARA agreement in June 2024.

ISDI has developed and has been maintaining the National Bibliometric Instrument, an Open Access electronic library of scientific articles and conference proceedings from the Republic of Moldova, a platform for scientific events taking place in Moldova, a platform for bibliometric information and a platform to broadcast cultural, scientific and educational events taking place in the country.



## OpenAIRE Serbia

**Biljana Kosanovic**, University of Belgrade

eNauka, the Serbian national CRIS system, has significantly grown in 2024 and now features more than 115 repositories. Biljana Kosanovic presented eNauka at the euroCRIS conference 2024. In addition, the University of Belgrade hosted the fifth edition of the national Open Science Day, which saw presentations of many smaller scale Open Science projects driven by experts at Serbian institutions. The activities of the Open Science Community Serbia were showcased, and the official launch of the Serbian Reproducibility Network was announced. Experts in Serbia are also working on a new national Open Science policy – the draft version was presented to the audience and sparked lively discussions.



## OpenAIRE Poland

### **Agnieszka Cybulska-Phelan**, ICM University of Warsaw

Agnieszka Cybulska-Phelan has taken over the NOAD position at ICM, University of Warsaw in spring 2024.

A new version of the Repository of Open Scientific Publications has been launched as part of the Open Science Platform at ICM. Formerly known to the Polish academic community as the CeON Repository, OPEN enables Polish researchers from all fields to openly share their research output and provides new features for browsing, searching, and identifying publications and their authors.

As part of the Open Access Week in Poland, the NOAD organized an engaging session with 140 participants on the OpenAIRE Graph (speaker: Claudio Atzori, ISTI-CNR).



## OpenAIRE Georgia

### **Marina Razmadze**, TECHINFORMI of the Georgian Technical University

Mutual learning and knowledge exchange between Georgia and Denmark: Together with four other representatives of Georgian HEIs, Georgian NOAD Marina Razmadze took part in a study tour organized by DARMA - Danish Association of Research Managers and Administrators in 2024, focusing on EU funding schemes, research data management, and organizing research support at institutions.

In addition, Marina has been promoted to Dean of the School of Computer Science and Architecture at International Black Sea University (IBSU).



## OpenAIRE Lithuania

### **Gintare Tautkeviciene, Rasa Dovidonyte** Kaunas University of Technology

Lithuania has seen significant changes related to Open Access (OA) and Open Science (OS) in 2024. Amendments to the Law on Science and Studies, effective since September 1st, mandate OA to research results, with the Lithuanian Research Council overseeing implementation. By 2026, publicly funded research must be OA, allowing institutions and researchers a transition period. Creating Data Management Plans is now required.

During Open Access Week, a national research community workshop, "Unlocking knowledge: A perspective on Open Science," featured presentations on elevating research with Open Science practices, research data management, and the role of data stewards. In addition, RDM training courses for PhD students were held at Kaunas University of Technology (KTU) across various institutions. Finally, within the FAIRImpact project, 20 Lithuanian institutions participate in a training program to become more FAIR-enabling.



## OpenAIRE Hungary

**Judit Fazekas-Paragh**, University of Debrecen

In 2024, Judit was elected to become a member of the OpenAIRE Executive Board. Alongside her roles as HUNOR (HUNGarian Open Repositories) working group coordinator and content manager of openscience.hu, she is heavily involved in the Hungarian Open Science Forum (organised by University of Debrecen and KIFÜ). The most recent one took place in November 2024, where Hungarian participants of the OpenAIRE Train-the-Trainer Bootcamp shared insights, experiences and lessons they learned from the bootcamp – and how to shape trainings in Hungary based on that. In addition, the group discussed EOSC and PATTERN updates.



## OpenAIRE Latvia

**Gita Rozenberga**, University of Latvia

In Latvia, a new national project launched on 2024. This project has three main goals: Establishing an integrated Latvian Open Science data management model, developing a unified network of Latvian federated research data repositories integrated within the European Open Science Cloud (EOSC), and creating and training a cooperative network of Latvian research management specialists (data curators). Project partners are the Higher Education and Science Information Technology Shared Service Center (VPC) in cooperation with LBTU, Riga Stradiņš University, University of Latvia and Riga Technical University.



## OpenAIRE Czech Republic

**Michal Růžička**, Masaryk University

Masaryk University implements the EOSC CZ project, together with CESNET and VŠB-TUO. The project encompasses the creation and operation of the National Data Infrastructure, the EOSC CZ Secretariat (hosted by Masaryk University), the National Metadata Directory and a training centre.

The secretariat as the central administrative and support component for implementing the EOSC initiative participated in various EOSC and Open Science events in 2024 and maintains a close relationship with the EOSC Support Office Austria, which resulted in an ERASMUS staff exchange in 2024: The Austrian team visited their Czech colleagues in Brno.



## OpenAIRE Ukraine

**Elena Chmyr**, Ukrainian Institute of Scientific and Technical Expertise and Information (UkrISTEI)

The 2024 Ukrainian Open Science Forum took place in November at Lviv Polytechnic National University. The panel discussions and many thematic sessions, presentations and workshops allowed the audience to dive into key aspects of Open Science. The event also saw the launch of the Ukrainian Reproducibility Network, a consortium of experts from all parts of the country to promote and support robust research practices.

As for the integration of Ukraine into European infrastructures, a webinar organised by the ESFRI Strategy Working Group on Social Sciences and Humanities, in collaboration with SSHOC, the Horizon Europe Office in Ukraine and the National Research Foundation of Ukraine highlighted challenges and opportunities of data collection and access, tools and collaboration. The webinar report and presentations can be accessed online.



## OpenAIRE Bulgaria

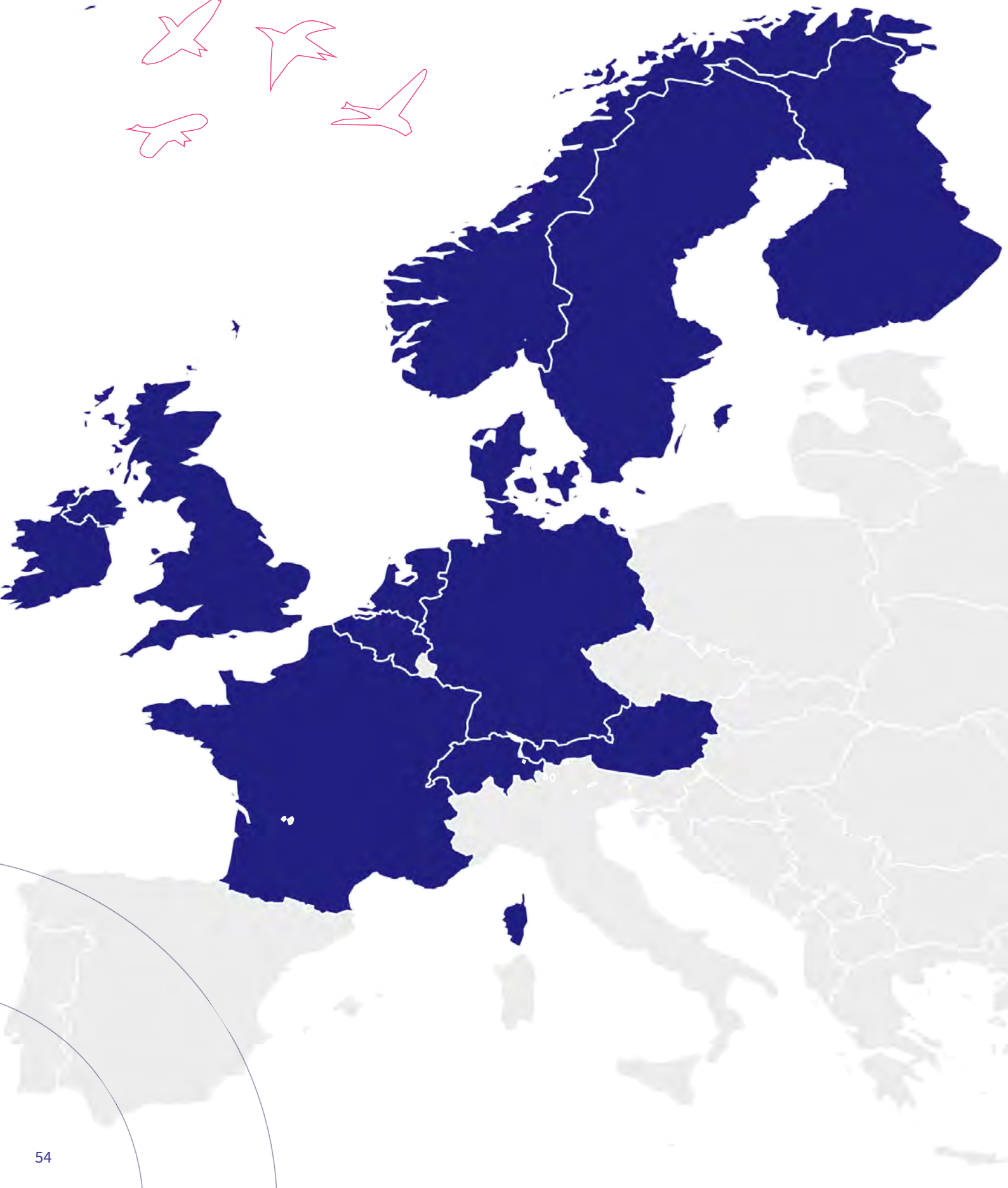
**Peter Stanchev**, Institute of Mathematics and Informatics, Bulgarian Academy of Sciences

For the 15th Bulgarian National Information Day on Open Science, Open Data and Open Access, representatives of the Bulgarian Academy of Sciences, the Ministry of Education and Science and National Centre for Information and Documentation put together a comprehensive report Open Science activities in Bulgaria in 2023 and 2024. The focus lay on providing the necessary trusted infrastructure for long-term storage, sharing and access to publicly funded scientific publications, fostering new skills and competences and raising awareness on Open Science to ensure the active involvement of researchers, universities and research organizations. As an additional measure to raise awareness, the OpenAIRE NOAD and the OpenAIRE Main Office organized a national webinar with more than 100 participants, presenting use cases on policy, training and infrastructure developments from Belgium, Portugal and Ireland.

In addition, the Ministry of Education and Science has established a taskforce for the development of a national Open Science program in Bulgaria.

# Region West/ North

**12** countries





## OpenAIRE Belgium

**Inge Van Nieuwerburgh**, University of Ghent

In April 2024, the Belgian EOSC Tripartite Event was held in Brussel. A poster session after the event showcased the diversity of Open Science topics pursued by the Belgian Open Science community, from institutional Open Science strategies to citizen science.

The Flemish Open Science roadmap 2019-2024, with a budget of 6 million Euros a year, will be prolonged for one year. Inge presented the roadmap during an OpenAIRE webinar for the Bulgarian Ministry of Education and Science.



## OpenAIRE Germany

**Birgit Schmidt**, University of Göttingen

In Germany, the NFDI (national research data infrastructure) has been registered as a potential EOSC national node. Around ten German institutions have signed the Barcelona Declaration in 2024, and many have signed the CoARA agreement. A Diamond Open Access journal platform will be developed in Germany, the proposals for that have been submitted in 2024. The Open Access Days 2024, which took place in Cologne, showed that the German speaking countries (Germany, Austria, Switzerland) are well aligned on the OA topic. University of Göttingen hosted an Open Science Meet-up in June 2024, focusing on "Financing your publications: Diamonds are a researcher's best friend?". This event discussed alternative funding models for Open Access publishing and explored support and agreements available to researchers at Göttingen Campus.



## OpenAIRE Switzerland

**Andrea Malits, Margit Dellatorre**, University of Zurich

In 2024, the University of Zurich managed to grow their network of Data Stewards to over 30. The Network is part of a project funded by swissuniversities and is coordinated by the Open Science Services of the University Library UZH.

In addition, the University of Zurich kept their monthly online Lunch & Learn series going, offering insights into various aspects of Open Science, such as FAIR data, funder requirements and data protection.



## OpenAIRE Austria

**Gerda McNeill**, University of Vienna

The national AT2OA2 project, which ended in 2024, has implemented an Austrian Data Hub for monitoring, hosted by a national institution (OBVSG) to ensure sustainability. In May 2024, the Austrian funding agency FWF signed the Barcelona Declaration on Open Research Information, advocating for the open accessibility of research metadata. The EuroCRIS 16th International Conference on Current Research Information Systems (CRIS2024) was held in Vienna in May. The OSTrails project also chose Vienna for their technical meeting in 2024.

Preparations at the University Library Vienna for its 2025 quality evaluation have been ongoing – one of the focus topics will be Open Science. In addition, the university is preparing to host the Open Science Festival 2025, which focuses on the German speaking Open Science communities, but is open to all.



## OpenAIRE Ireland

**Niamh Brennan**, Trinity College Library Dublin

The contract between NORF and OpenAIRE for the Irish OA National Monitor was renewed in 2024. In addition, the Irish NOAD has been strongly involved in activities on secondary publishing and copyright.

Ireland's National Research Integrity Forum (NRIF) showcased their work at the World Research Integrity Conference in Athens in 2024. Founded in 2015, the NRIF promotes research integrity through initiatives like a national online training program, policy revisions, and collaboration frameworks, with the National Research Integrity Community of Practice (CoP) playing a key role in sharing best practices and hosting expert speakers. [source: regional calls]



## OpenAIRE Denmark

**Anne Thorst Melbye**, University of Southern Denmark

In 2024, Denmark saw the launch of Research Portal Denmark, an open national research infrastructure, produced by the Ministry of Higher Education and Science by NORA – National Open Research Analytics. The portal collects data on Danish research and facilitates the discovery and exploration of research conducted in Denmark.

In addition, the Danish NOAD institution University of Southern Denmark updated its institutional Open Science policy.



## OpenAIRE Finland

**Pauli Assinen**, University of Helsinki

In 2024, Finnish research organizations have demonstrated a strong commitment to Open Science, with significant progress since 2022, as evidenced by the 2024 monitoring conducted by the Federation of Finnish Learned Societies. The results show that two-thirds of universities and nearly half of applied science universities have achieved the highest level of openness, alongside advancements in responsible evaluation practices and evolving open education resources.

The 2024 edition of the Finnish Open Science and Research Winter Conference highlighted the interconnectedness of multilingual scholarly communication and Open Science, emphasizing the importance of wider dissemination, support for diverse publication channels, and multilingualism in research evaluation.

At the Creating Knowledge conference held in June at the University of Helsinki, OpenAIRE participated with an interactive "Treasure Hunt in OpenAIRE CONNECT" workshop, enhancing participants' knowledge of Open Science in a hands-on way. Pauli Assinen chaired the session.



## OpenAIRE The Netherlands

**Loek Brinkman**, DANS

Loek Brinkman as the Dutch NOAD has formed and formalized a Dutch OpenAIRE National Members Consortium (NaMeCo). In addition, DANS organized the second EOSC National Tripartite Event in the Netherlands, together with SURF and the ministries for Education, Culture and Science and for Economics and Climate.

Several universities and funders in the Netherlands have signed the Barcelona Declaration. Plus, OpenScienceNL decided in May to provide funding for the Open Science Communities in the Netherlands to further promote knowledge exchange, community management and the sustainability of the bottom-up network. The Dutch National Open Science Festival took place in October in Maastricht and featured a workshop on FAIR RDM training materials developed within the PATTERN project.



## OpenAIRE Norway

**Jens Aasheim**, Sikt

Sikt is part of a consortium that delivers application services for data management. Sikt's main contribution is to provide the FileSender service to securely transfer large files to the EOSC EU Node, which launched in October 2024.



## OpenAIRE Sweden

**Katarina Wiberg**, National Library of Sweden

In 2024, the University of Stockholm signed the Barcelona Declaration on Open Research Information. Discussions among the National Library of Sweden/Bibsam Consortium, the Swedish Rectors' Conference (SUHF), and public research funders to sign the declaration have been ongoing.

Anna Lunden of the National Library of Sweden contributed as a speaker to the EUA online event "Building a just scholarly publishing ecosystem", with Eloy Rodrigues moderating. In addition, Swedish research funders, supported by the National Library, have contributed to a tender and model for member states joining the Open Research Europe (ORE) platform.

Göteborg hosted the 19th International Conference on Open Repositories, which also saw the COAR Annual Conference 2024.



## OpenAIRE France

**André Dazy**, COUPERIN

COUPERIN has launched its 2024 campaign, urging members to financially support Open Science infrastructures (such as Software Heritage, DOAJ, RDA or LA Referencia) and has introduced a simplified procedure to facilitate this process. In addition, the COUPERIN Open Science Working Group (with various subgroups) has produced several guides and documents to support French researchers in adopting Open Science principles – e.g. information on commercial repositories and which open, non-commercial alternatives exist, or copyright and licenses in Open Science. The monthly newsletter issued by the Working Group covers a wide range of Open Science topics relevant for French research communities.



## OpenAIRE United Kingdom

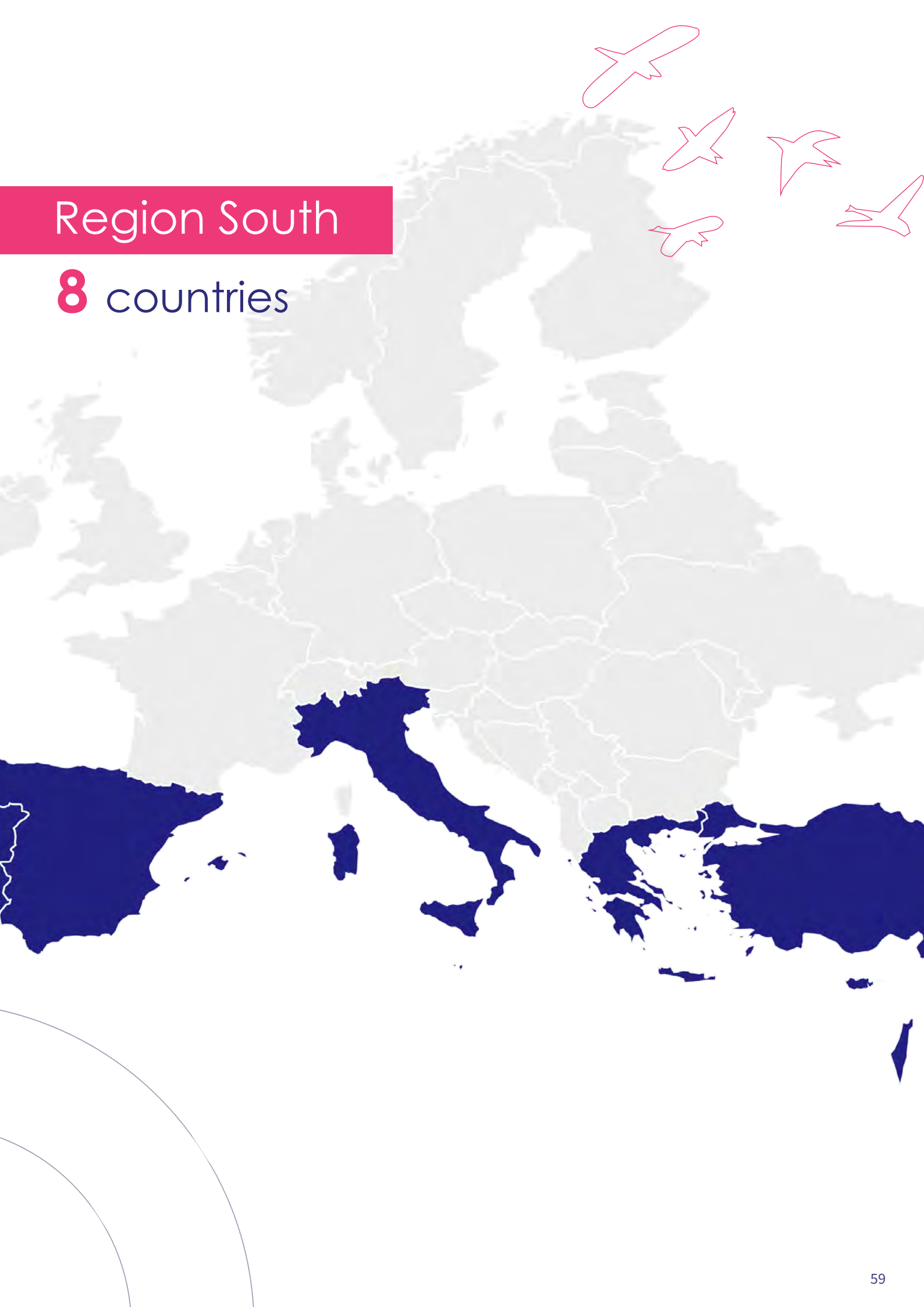
**Frank Manista**, JISC

Apart from delivering trainings on AI and cybersecurity, JISC has released a proposal in 2024 to the UK government to strengthen cyber resilience at UK tertiary education and research institutions, following a major cybersecurity event that happened across the UK and which Jisc was pivotal in resolving.

In addition, JISC published the report Mapping federation journeys for optimising the UK digital research infrastructure report, which analyses the potential for extending collaborative and federated digital research infrastructure (DRI) for a resilient, sustainable and inclusive research and innovation sector.

# Region South

**8** countries





## OpenAIRE Portugal

### **Pedro Principe and Paula Moura**, University of Minho

The first Portuguese Open Science Train-the-Trainers Bootcamp took place in September 2024 in Porto. The program was heavily shaped by the Portuguese NOAD expertise. A successful Open Science Summer School was held in June 2024 with 33 participants, featuring shared experiences from researchers, Data Protection Officers, and the Ethics Council. Efforts to raise awareness for Open Data Management Plans (OpenDMP) and the ARGOS tool continued through webinars and presentations at the Summer School. The DatarepositoriUM, based on Dataverse, was promoted through practical webinar series and roadshows across university departments to showcase the repository and encourage its use. The first PUB IN Conference, promoting good practices in editorial management and Open Science for Portuguese scientific journals, also took place in June. University of Minho's contributions to the Research Data Management (RDM) Forum working groups continue. In addition, the Portuguese Data Stewards Network Initiative held its first meeting in 2024 in, focusing on defining data steward responsibilities and expanding network membership. [source: regional calls]



## OpenAIRE Türkiye

### **Gultekin Gurdal and Gönül Kafali**, Izmir Institute of Technology

IZTECH hosted OpenAIRE General Assembly 2024, providing the forum for lively discussions on OpenAIRE achievements in 2024 and the strategic positioning of the organization in the years to come.

Gultekin Gurdal also contributed to an Open Science Summer school in 2024 for the rectors and vice-rectors of eight Azerbaijani higher education institutions in Ganja, Azerbaijan, introducing OpenAIRE and its key role for advancing Open Science in Europe and beyond.

In addition, the Turkish NOAD presented at the Polish Open Science Conference on the significant progress Türkiye has made in Open Science and Open Access, driven by OpenAIRE projects and collaborations, resulting in the establishment of numerous institutional repositories, national infrastructures, and policies that support Open Science initiatives.

At the IFLA Mid-term meeting in June 2024, hosted by Koç University in Istanbul, Gultekin Gurdal presented a paper co-written with IZTECH colleagues, called "The Impact of OpenAIRE on Open Science Studies at IZTECH". The presentation highlighted OpenAIRE and the role of the NOAD in adopting Open Science practices at IZTECH.

 **OpenAIRE Greece**

**Elli Papadopoulou**, ATHENA Research & Innovation Center

In December 2024, the Hellenic Open Science Initiative (HOSI) held its 3rd Open Science Symposium in Athens. Elli Papadopoulou led the organization of the event and shared insights from the HOSI Policy Working Group. Serving as both the Greek National Tripartite Event and a networking opportunity, the symposium, under the auspices of three ministries, brought together policymakers, researchers, educators, and industry leaders to discuss and strategise for advancing Open Science.

The close collaboration between the Greek and Cypriot NOADs continued in 2024, with a series of Open Science webinars in Greek organized by the two institutions this time on citizen science and the OpenAIRE Graph.

In addition, ATHENA Research Center signed the CoARA Agreement and is working on a National Chapter for Greece.

 **OpenAIRE Cyprus**

**Sylvia Koukounidou, Natasa Ioannou, Zafeiro Marti**,  
University of Cyprus Library

The University of Cyprus has been focusing on the topic of research assessment in 2024: The Cypriot National CoARA Chapter was presented at the CoARA National Chapters Exchange Forum 2024, and face-to-face as well as online meetings were held to ensure the local research ecosystem is informed and aligned.

In cooperation with the Greek NOAD, the Cypriot NOAD also held a webinar on the GraspOS project, which aims to develop an ecosystem of open metrics for the assessment of researchers, research organizations and the research process.

 **OpenAIRE Italy**

**Gina Pavone**, CNR

Gina Pavone continued her activities for the ICDI competence centre in 2024 organizing Open Science Cafés and updating the Italian national Open Science website. She is also involved in the establishment and maintenance of the Italian Data Steward Network, which has been working on a manifesto to be released in 2025.

In addition, a webinar on interoperability with Cineca was organized in 2024, reaching also a number of repository managers at smaller Italian universities. The goal was to increase the number of registered Italian repositories in OpenAIRE. National consultations for the creation of an Italian Open Science plan have been ongoing with various stakeholders and experts.



## OpenAIRE Israel

**Simcha Meir**, Bar Ilan University

Bar Ilan University continued their successful service Open Door to Open Science in 2024: Every week, researchers can contact the university's Open Science staff to get advice on choosing the right journal in which to publish, managing and depositing research data or meeting funding bodies' Open Science requirements. In addition, the university hosted their yearly Open Access week in spring of 2024, inviting experts from Israel and abroad to talk about topics such as "digital humanities as an open science" or "current approaches to evaluating researchers and publications".



## OpenAIRE Malta

**Kevin Ellul**, University of Malta

University of Malta has made further progress in developing a RDM policy for the institution, to support the institutional Open Access policy which is already in place. In addition, the university's Open Science Department has been organising trainings on RDM and making data available via the institutional data repository drUM. The collaboration with the doctoral school to teach OS principles and practices has been ongoing, and initial plans have been made to create a potential EOSC institutional node by integrating both of University of Malta's institutional repositories.



## OpenAIRE Spain

**Pilar Rico Castro, Laura Bonora, Diana Furcila Mihalache**, FECYT

Having joined OPERAS as the Spanish national node, FECYT participated in the first presentation of OPERAS in Spain in October 2024, opening the door for other Spanish research institutions to join OPERAS as members.

For the International Day for Scientific Culture (September 28, 2024), FECYT organized an event on 'The future of science communication', bringing together a number of experts in science communication in Madrid to discuss the possibilities for achieving more openness, inclusivity and trustworthiness in science

In addition, the foundation has provided funding for a number of national projects on Open Science and interoperability of digital infrastructures via the María de Guzmán grants, which aim to promote excellent scientific research, technological development and innovation.





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