

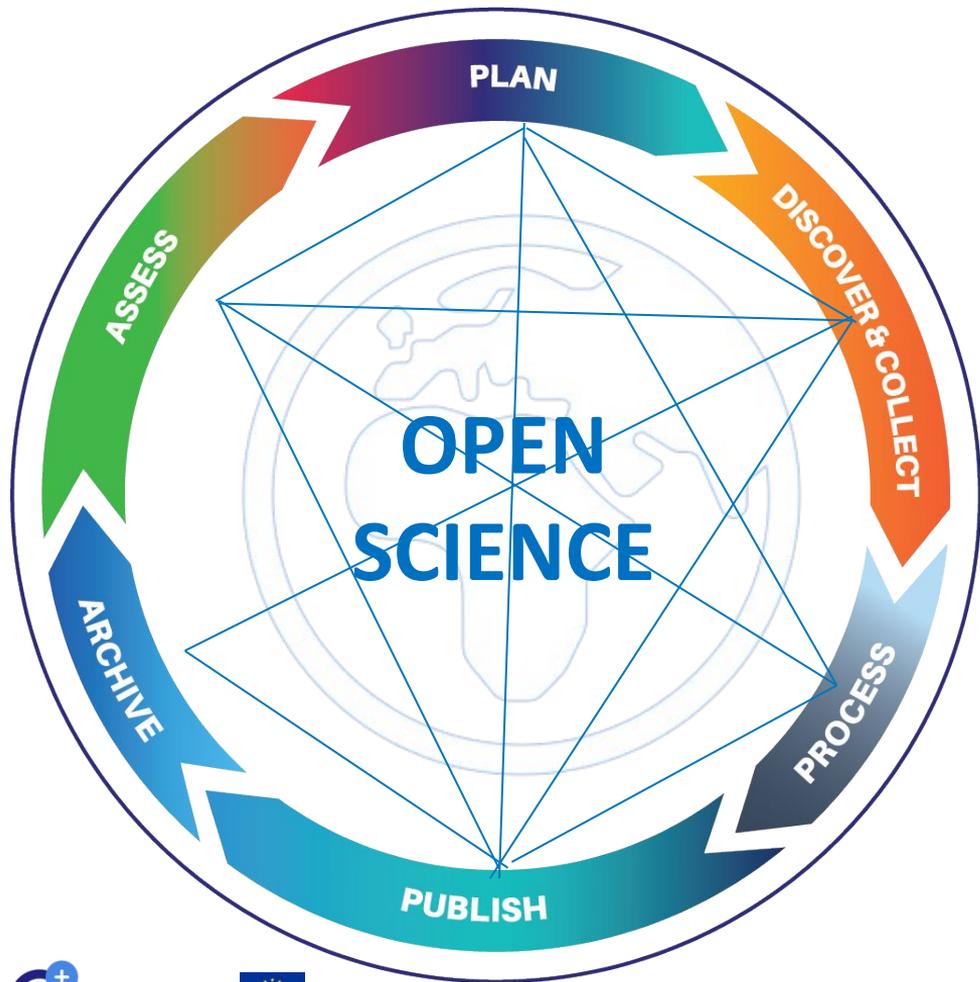
GenOA week 2023

OpenAIRE

Comunità e servizi per praticare la scienza aperta

GenOA week, 24 ottobre 2023

G. Pavone, C. Atzori, M. Baglioni, A. Bardi, P. Manghi, D. Castelli



NEW WAYS OF PERFORMING SCIENCE

- Everything is **digital**
- Everything is **big**
- Everything is **connected**

Research life cycle is **interconnected**, and openness has a **positive** affect in every stage

We need Open Science!

But what do we need to implement it?

Services

Resources and tools to support open research

Discovery, reuse, connection..

For an Open Scholarly communication ecosystem

Collaboration

and sharing of information for the benefits of science and society

Technologies

Tools and infrastructures enabling enabling the massive exchange of information

Competences

To put everything into practice

Network

To enable knowledge exchange and to connect all the actors involved



Open Science needs a **holistic** approach

Tools and technologies, knowledge exchange and network, institutions and policies, rewards and assessment...

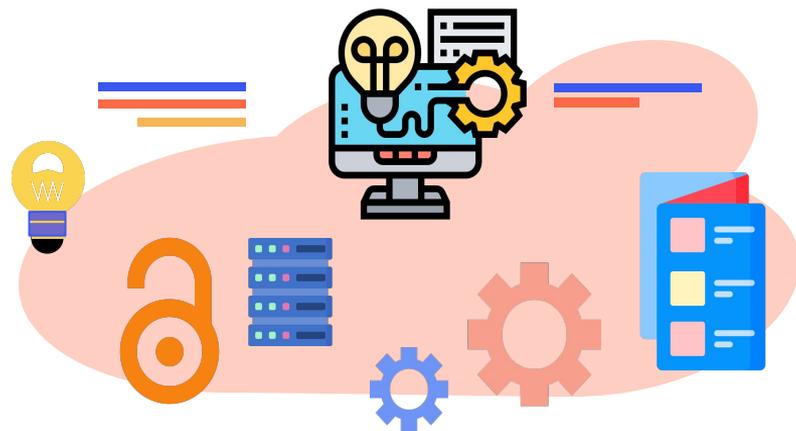


The importance of combining infrastructure & network

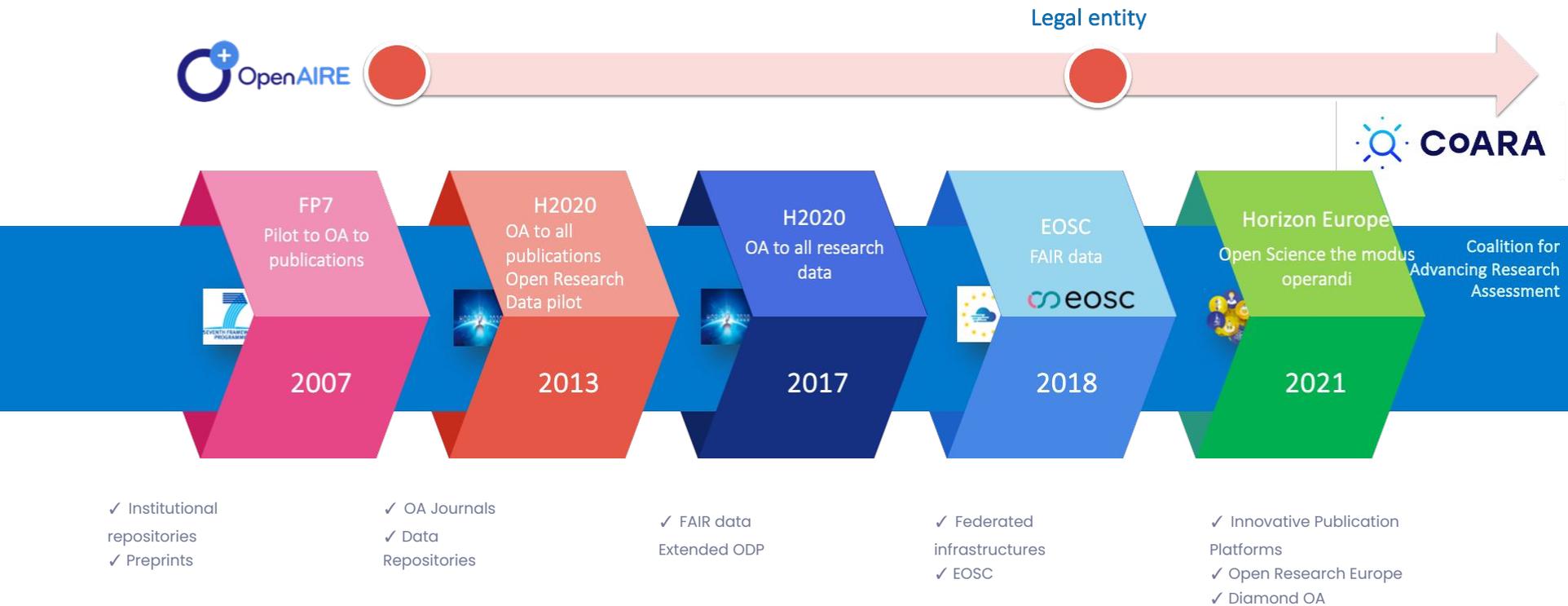
For an open and sustainable scholarly communication

OpenAIRE

Provides an **infrastructure** to support open and sustainable scientific communication. Providing the **services** and coordination of **initiatives** and **experts** needed to implement a common European environment for open science



Open Science in Europe: **the journey**



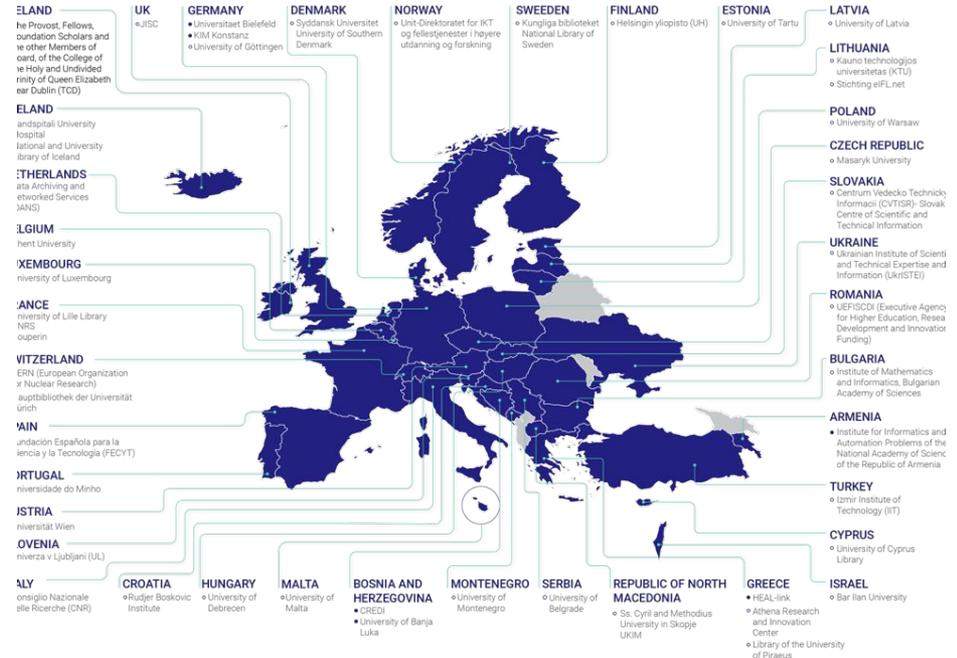
OpenAIRE AMKE

OpenAIRE AMKE was established in 2018 as a **non-profit organisation**

A Scholarly Communication e-Infrastructure that brings together human capital and advanced ICT services.

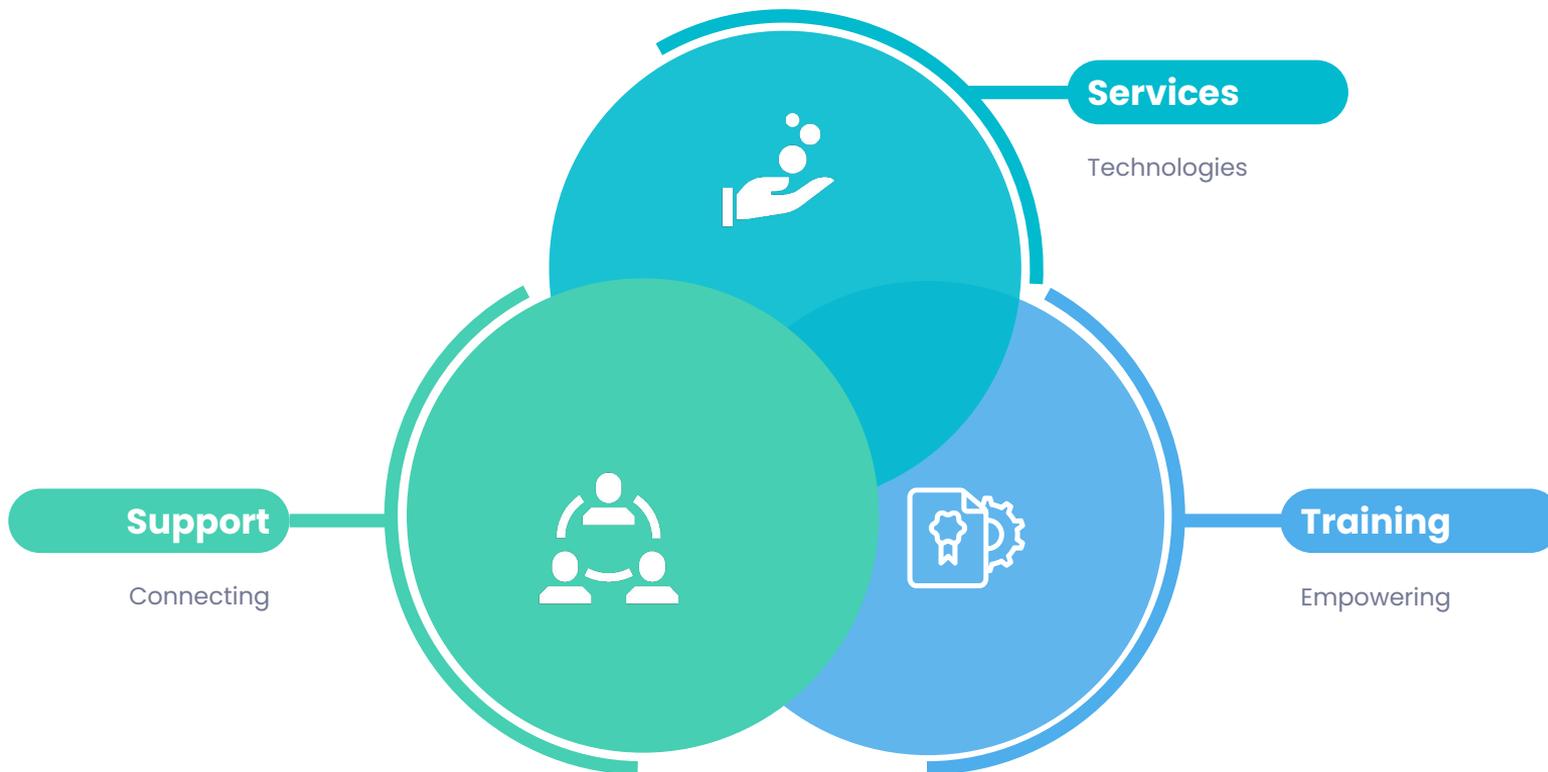
A network of experts (National Open Access Desks) and services in operation since 2009

- Headquarter Greece
- Virtual office, 15 staff members
- 48 members
- From 34 countries

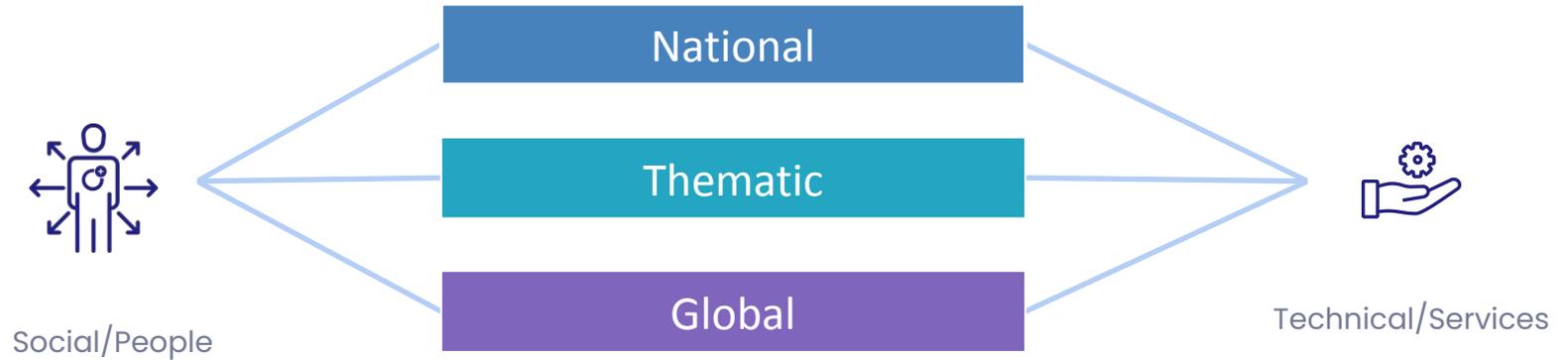


Three main pillars of **action**

OpenAIRE operates on different directions

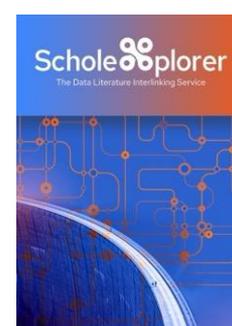
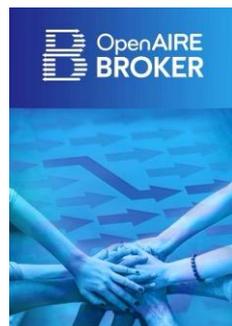
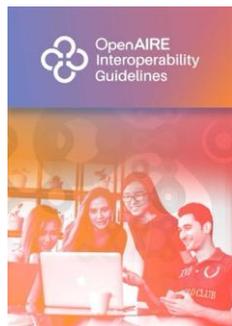


Three **levels** of operation



Services

For all R&I actors

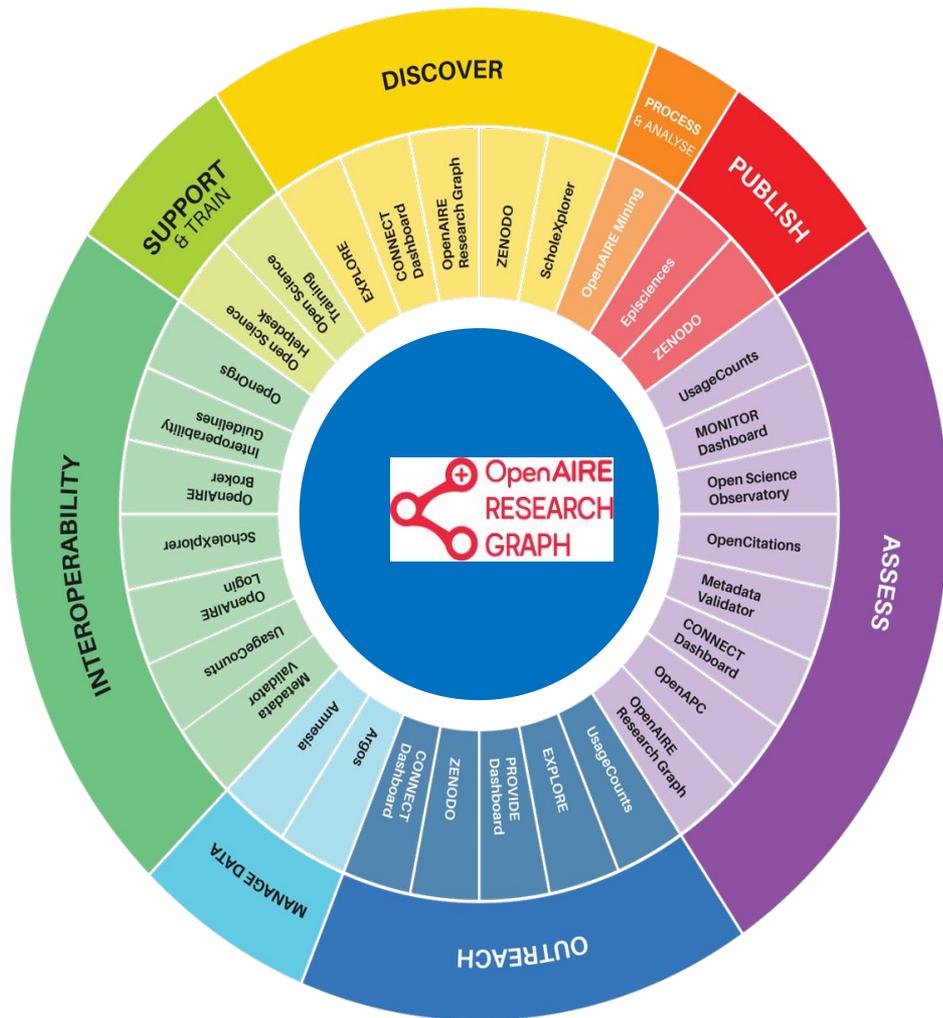


Scholarly
communication
services
for all

<http://catalogue.openaire.eu>

OpenAIRE

A range of services covering
all
research
life cycle



Where OpenAIRE can provide support

Examples of implementation steps for institutions



Adopt a policy



Prepare for interoperability



Publish research in the open



Discover research with no barriers



Monitor outcomes, policy uptake, impact



Train students, researchers and staff

OpenAIRE has developed a [policy checklist](#) and a [model policy template](#) to get you started. If this is not enough, contact a [NOAD](#)

OpenAIRE helps you make your Repository interoperable with global e-infrastructures via the [OpenAIRE Guidelines](#).

Take actions towards a sustainable publishing system in OA. Safely manage and publish data with "[Amnesia](#)", "[Argos](#)", "[Zenodo](#)" and so on.

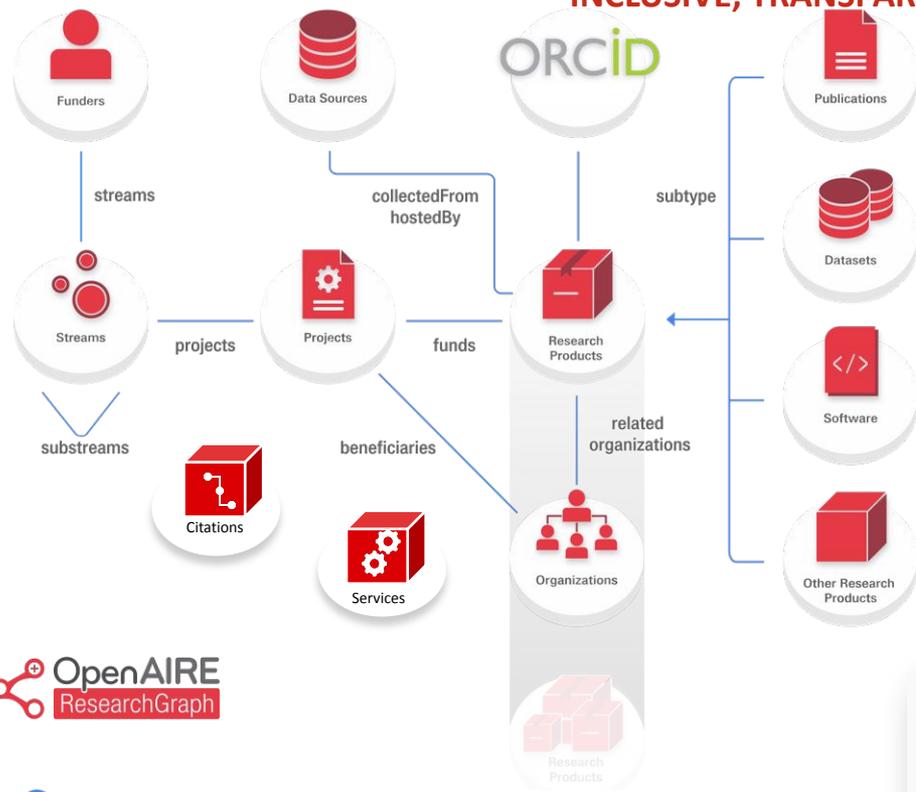
Embed a discovery that is driven by "scientific intentions" ([OpenAIRE EXPLORE](#) and [OpenAIRE CONNECT](#))

Track research performance to make policy and strategic decisions for your institution. In a transparent way ([OpenAIRE monitor](#), [usage counts](#), [OpenAPC](#))

Openaire provides [guides](#), [factsheets](#) and a [helpdesk](#) for support. Bootcamps, for training with experts. [Openplato](#), a community co-created open course

OPENAIRE GRAPH – KEY ASSET IN OPEN SCIENCE INFRASTRUCTURE

INCLUSIVE, TRANSPARENT, REPRODUCIBLE



- Based on **Open Science principles**
- High **relevance** to the research community

A comprehensive and open dataset of research information covering 145m publications, 18m research data, 305k research software items, from 110k data sources, linked to 3m grants and 178k organizations.

All linked together through citations and semantics.

The OpenAIRE network

It's about connecting people and learning from each other

National Open Access Desks (NOADs)

A **pan-European network** to address diversity in culture & maturity of national/local infrastructures



34 countries

Key national organizations, experts on OA and Open Science

Coordination on

- Policies
- Infrastructure
- Research data management
- Legal issues
- Training
- ...

Links to global networks via COAR & RDA

Promote Open Scholarship	Promote open access and open science of all research outcomes. Inform researchers, data librarians and national infrastructures about OS tools.
Outreach to national key players	Identify national key players , NCPs, National Funders, Discipline-specific Research groups, Research Infrastructures, Open science (or Open Access, Open Research Data, RDM) working groups and initiatives, and promote and advise on OS, especially on how align and take up of OA policies and take up of OpenAIRE services.
Align OA/OS policies	Contact policy decision makers (funding bodies, ministries, RPO heads) to align OA / Open Research Data / RDM / OS policies.
Organize national workshops	Coordinate high-profile workshops on topic of open science with key scholarly infrastructures and funders in region.
Engage with funders	Getting funder buy-in to OpenAIRE infrastructure to reach economies of scale.
Gather research outputs	Oversee the gathering of EC open access (OA) peer-reviewed publications into the OpenAIRE information space. Publications should be linked to EC funding information and national funded research (where relevant) as well as links to any underlying research data associated with the publication.
Support Research Data Openness & Fairness	Assist repository managers and policy makers in the OpenAIRE network to ensure compliance with data funder level national legislation in the
Train for RDM	Share OpenAIRE resources and expertise in the
Provide expert advice	Participate in Training, webinars on expert topics. E-research support: connecting researchers with tools. Digital Preservation and repositories: good practice.
Support community	Assist repository managers (literature and data), CRIS managers and PA journal publishers to make their repositories and journals compliant with the OpenAIRE Guidelines. Promote the OpenAIRE guidelines for literature and data repository managers and for OA journal editors/publishers/aggregators. Contact CRIS implementers to promote uptake of OpenAIRE's CRIS guidelines. Inform about OpenAIRE's text mining services to identified funded publications Outreach to EC funded projects. Answer helpdesk queries.
Disseminate national and EU results	Promote OpenAIRE and dissemination materials at key events. Contribute to OpenAIRE Blog and Newsletter Updating portal pages with key information.

We are here to amplify, learn from, and support each other.

Our contribution

The Scholarly Communication Infrastructure group at **CNR ISTI** maintains and operates several services in support of Open Science. Among these:

- The OpenAIRE Graph
- Connect
- Broker for metadata enrichments
- OpenOrgs
- API for DSpace/ePrints
- provides the Italian OpenAIRE NOAD
- is National representative of the Open Science movement (open-science.it), coordinated with the support the national Competence Centre for Open Science, FAIR e EOSC di ICDI



The Italian NOAD support

Need help? Just ask!

Open Science practices

Open Access mandates and how tos

Policies

FAIR data

- Helpdesk:
<https://helpdesk.openaire.eu>
- noad-it@openaire.eu



Training

*Building together capacities
for Open Science*

Training and support

- Open Courses for Open Science
 - Focus is on **quality** and **adaptation**
- Training for OpenAIRE services
 - Community calls
 - Learning material (ppts, ebooks, case studies)
- Training **bootcamps** for trainers
- **Community of Practice** for trainers
- Helpdesk <https://helpdesk.openaire.eu>



<https://openplato.eu>

What we have done in the past

Support, Trainings, courses, webinars, Ask Me Anything...

- Open Access and OS support
- Support for institutions developing OA or OS policies
- National trainings for project coordinators, research managers, librarians...
- Thematic trainings, such as a webinar series on data sharing in the COVID-19 pandemic
- Trainings for disciplines, such as for Earth Sciences
- Informative events such as Ask Me Anything about Covid-19
- Invited presentations and trainings

etc.

Open Science e finanziamenti europei
Come ottemperare agli obblighi nei progetti H2020 e in Horizon Europe



Corso online in 4 moduli:
2, 4, 9, 11 febbraio 2021 ore 14.00 - 16.30



Next general training event

Webinar title: Horizon Europe Open Science requirements in practice

Date: 16 NOV 2023 @ 01:00pm @ 02:30pm

Target audience: Project Coordinators, Researchers, Research Managers, Librarians and Data Stewards.

Learn about:

- Mandatory and recommended Open Science requirements in HE.
- Compliance with the HE Open Access to publications mandate.
- Managing and sharing Research Data in HE projects.
- Delivering Data Management Plans and reporting publications and datasets in HE.
- OpenAIRE tools and services to support HE projects.



OPEN SCIENCE IN HORIZON EUROPE

- ✓ REQUIREMENTS IN PRACTICE
- ✓ COMPLIANCE TIPS
- ✓ TOOLS TO SUPPORT

16 NOVEMBER 2023, 13:00PM CET

REGISTER NOW

Next Train the Trainer event

Open Science Trainer?

Improve your skills and confidence as trainers.
Build your network.

A week long online, interactive, training

27 Nov - 1 Dec, 2023

Apply now

4th Open Science Train the Trainer Bootcamp

OpenAIRE Open Badges for Open Science Trainers

Open Badges are digital images that help recognise non-formal learning and an associated body of knowledge, skills, and abilities

Preferences / Manage badges / Open Science Trainer (OpenAIRE)

Open Science Trainer (OpenAIRE)



Download

Open Science Trainer (OpenAIRE)

Awarded to Gina Pavone

Issued 9 June 2023, 3:31 PM

Issued by [OpenAIRE A.M.K.E.](#)

The current badge is awarded to anyone who successfully completed one of OpenAIRE's Train-the-Trainer Bootcamp. Skills and knowledge acquired include: (1) understanding the financial and ethical implications of Open Access; (2) evaluating the impact of training and make training materials FAIR; (3) understanding the financial and ethical implications of Open Access; (4) identifying good and bad practices in preparing a Data citizen science, pre-registration, research assessment, funder requirements, Artificial Intelligence). *** OVERVIEW *** Research, and how it is conducted, is essential for the management of Open Access and Open Science in general. OpenAIRE's train-the-trainer bootcamps, organised since 2022, aim at empowering trainers with the skills and knowledge to support the open, transparent and accessible research ecosystem. *** PROGRAMME *** Open Science being a fast-moving area, the programme of the bootcamp is revised annually to reflect individual experiences and independent learning assignments. Short presentations from experts cover the latest 'hot topics' and more in-depth knowledge of the bootcamp is centered learning experience and a horizontal knowledge exchange. The presentations are there to encourage participants to engage in group discussions and beyond the live sessions through the text forum provided on OpenPlato to participants. The networking dimension is also fostered through the platform and each participant engages in peer-to-peer exchange and uses the week for self-reflection on the design of a training plan. *** ASSESSMENT *** Participants selected for the bootcamp are awarded manually by the organising committee to those that successfully completed all of the mandatory assignments on the week of the bootcamp.

<https://www.openaire.eu/train-the-trainer-bootcamp-badges>

THANK YOU

GET IN TOUCH

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