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ATHENA Research & Innovation Centre

# OpenAIRE Support in Open Science



# OpenAIRE support in Open Science

Introduction to OpenAIRE

The NOADs Network

Support and services for researchers

Early career researchers community





# Introduction to OpenAIRE

# What is OpenAIRE?

A **socio-technical** network to:

1. Implement, monitor, align Open Science **policies** across Europe and the world
2. **Harvesting** of OA output, **linking** to contextual information
3. Develop **global open standards** for linking all research
4. Deploy **services** to embed Open Science into researcher workflows
5. **Train** for Open Science, for FAIR Science

*OpenAIRE is about opening-sharing-re-using research outcomes*





**Science. SET FREE.**

ARE YOU A

**SME? Innovator?**

Unleash the potential of Open Research

OpenAIRE | DEVELOP



**Science. SET FREE.**

ARE YOU A

**Literature, Data or Software Repository? OA Journal? CRIS?**

Maximize visibility  
Make your content



**Science. SET FREE.**

ARE YOU A

**Researcher?**

Open Science is Good Science  
Set the trend

OpenAIRE | EXPLORE



**Science. SET FREE.**

ARE YOU A

**Funder? Research Manager?**

Monitor Open Science  
Track research impact and trends

OpenAIRE | MONITOR

OpenAIRE Horizon 2020 FactSheets

**Open Access mandate and Open Research Data in Horizon 2020**

How Can OpenAIRE help?

OpenAIRE Horizon 2020 FactSheets

**Open Research Data Pilot in Horizon 2020**

How can OpenAIRE help?

What is the Open Research Data Pilot?  
Open data is data that is free to use, reuse and redistribute. The Open Research Data Pilot enables open access to and reuse of research data from Horizon 2020 projects. Participating projects are...

OpenAIRE Horizon 2020 FactSheets

**Personal data and the Open Research Data Pilot**

How can OpenAIRE help?

Are you a Research Coordinator or PI participating in Open Research Horizon 2020?

The EC Open Research Data Pilot

Open data is data that is free to use, reuse, and redistribute. The EC Open Research Data Pilot enables open access to and reuse of research data from Horizon 2020 projects. Participating projects are...

What is personal data?

OpenAIRE Horizon 2020 FactSheets

**Open Access and Open Data in Horizon 2020**

How can OpenAIRE help?

Factsheet for Research Administrators and Project Coordinators

OpenAIRE Horizon 2020 FactSheets

**The Horizon 2020 Open Access Mandate**

From 2020, the European Commission (EC) requires that all peer-reviewed publications funded by Horizon 2020 project funding are open access (OA), i.e. freely available to all. This means that you can choose your choice (there is no restriction). Publishing costs (article processing charges) can be covered by the project period.

Open Access means that you can make your manuscript or publisher's PDF in an institutional or subject repository as possible and at the latest upon publication. It is not enough to list publications in the article's metadata by including the terms ["European Union (EU)" and "Horizon 2020" or "European Union (EU)" and "Horizon 2020"] and training programme 2014-2018"; the name of the action, acronym and grant number, the date of publication, the embargo period if applicable, and a persistent identifier (e.g. DOI, handles).

Open Access means that you can make your deposited publication. An embargo of 6 months (or 12 months for the social sciences) is allowed.

OpenAIRE: Services for Research Managers





# Key to Open Science uptake: **services for all**



**RESEARCHERS &  
RESEARCH  
COMMUNITIES**



**CONTENT  
PROVIDERS  
MANAGERS**



**FUNDERS &  
RESEARCH  
ADMINISTRATORS**



**3rd party  
SERVICE  
PROVIDERS**
















Services at all levels of e-Infrastructure.  
Services that cover all research life-cycle.

Dashboards for funders, content providers,  
research communities and institutions.



# The NOADs network



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**OUTREACH**  
 Project Coordinators  
 Researchers  
 National Funders  
 Administrators



**ALIGNMENT**  
 Infrastructure  
 Repositories  
 Policies



# NOADs



**PROMOTION**  
 Open Science  
 Open Access  
 FAIR Research Data  
 OpenAIRE Services

National  
 Workshops



**SUPPORT**  
 Workshops  
 Training  
 Facilitators



**Open Research Data  
in H2020**

 139 participants

**FP7 Post-Grant  
Open Access Pilot**

 100 participants

**Open Access to  
Publications in H2020**

 353 participants

**Open Science  
Workflows**

 223 participants

**OpenAIRE for  
Repository Managers**

 330 participants

Browse the collection:

<https://www.openaire.eu/webinars/>

**WEBINARS 2017**



# Support & Services for researchers



“

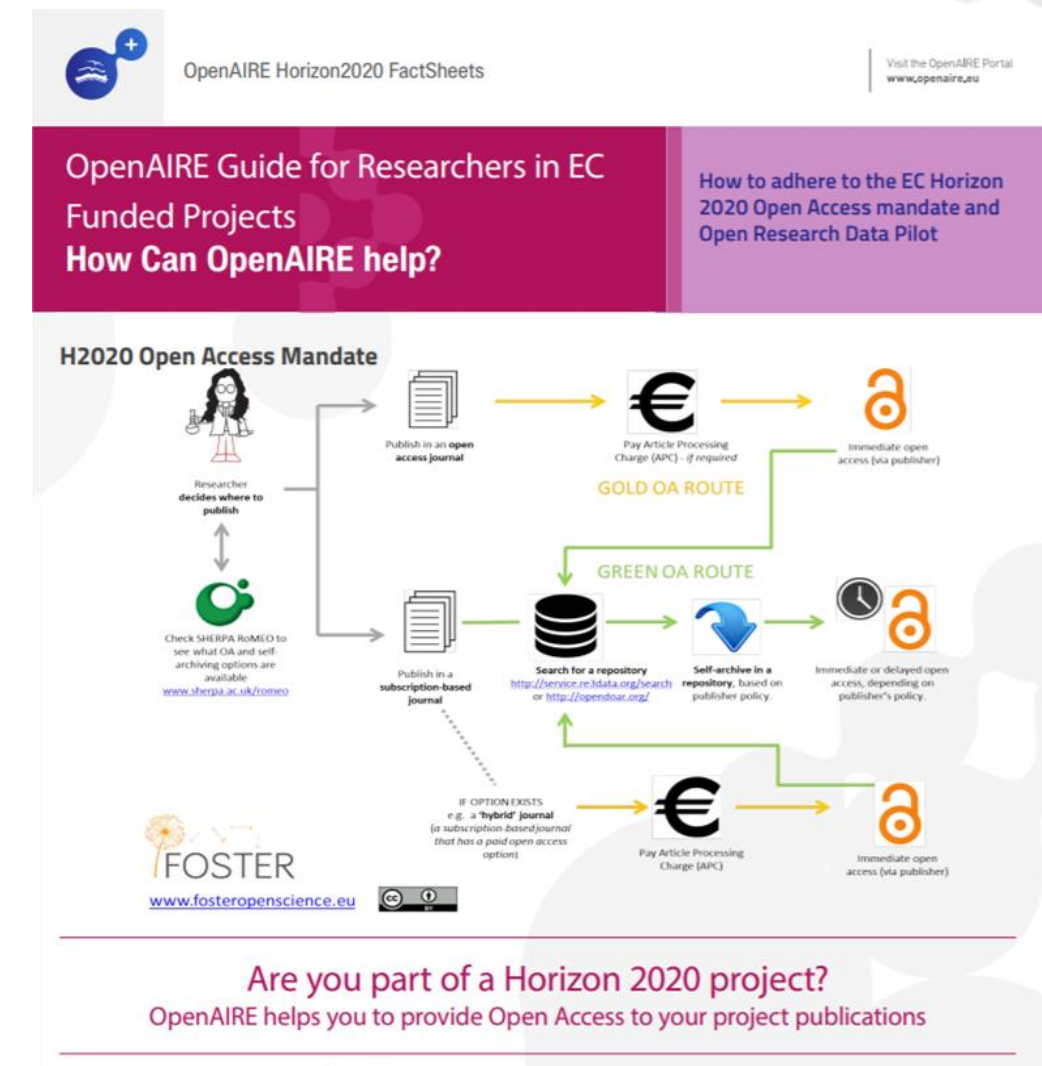
**I have to make my  
research open.  
Where do I begin?**

*Researcher*

”

# Get informed! OpenAIRE Factsheets for researchers

- **Publish in OA** – learn how to comply
- **Deposit** research outcomes in an institutional repository
- **Create** your Research Data Management Plan
- **Publish FAIR** data
- **Link** research outputs
- **Publish** all research outputs for free in Zenodo
- **Anonymize** private content research datasets in amnesia



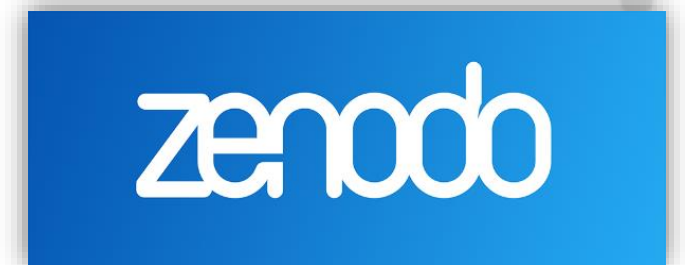
OpenAIRE webpage for researchers:

<https://www.openaire.eu/intro-researchers>



# Zenodo

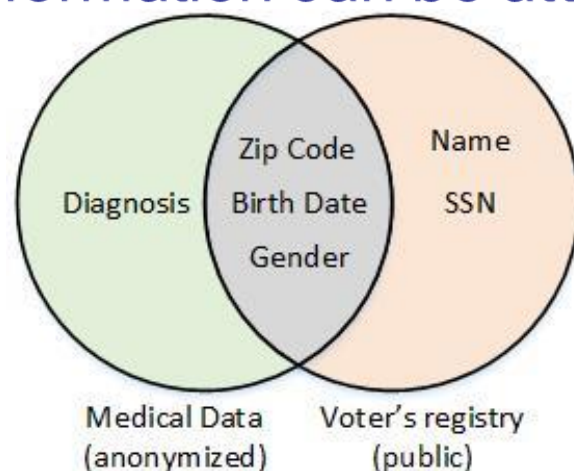
- Catch-all repository for EU-funded research
- Up to 50 GB per upload
- Data stored in the CERN Data Center
- Persistent identifiers (DOIs) for every upload, with DOI versioning
- Includes article-level metrics
- Free for the long tail of science
- Open to all research outputs from all disciplines
- GitHub integration
- Easily add EC funding information and report via OpenAIRE



Browse the repository here: <https://zenodo.org/>

# Amnesia: making personal data shareable

- Micro data often reveal important private information, e.g., medical condition of a person
  - Individuals are afraid to provide their data
  - Companies are afraid to share data with experts
  - GDPR makes a strict protection scheme obligatory
- The key idea in anonymization is that identifying information is removed from the published data, so no sensitive information can be attributed to a person – not even after data linking



- The aim of anonymization methods is to allow sharing such data, without compromising the privacy of the users.

# Data Management Plan (DMP) Tool

- EC Horizon2020 template
- Machine-actionable DMPs
- Versioning of DMPs
- Collaborate with others (invite)



... coming soon!





# Early Career Researchers Community

# RDA Early Career Engagement IG

## What is it?

- Interest Group focusing on **Early Career Researchers and Professionals** as well as **newcomers to RDA**
- **Safe place** for researchers to **ask questions**, **promote research** and **network** across domains

## Objectives

- Create **communication channels** between ECRs and more experienced ones -> Mentoring programme: <https://github.com/fpsom/rda-eceig/blob/master/mentoring-guidelines.md>
- Encourage **interdisciplinary research**

Subscribe to learn more and join the community!

<https://www.rd-alliance.org/groups/early-career-and-engagement-ig>

Twitter: @rdaeceig



Questions?



# Thank you!



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