Pedro Príncipe

Universidade do Minho

Recursos OpenAIRE para apoio e formação na prática da Ciência Aberta

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Pilares da ação da infraestrutura OpenAIRE

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OpenAIRE Open Science Helpdesk

COORDENAÇÃO DA ATIVIDADE DE SUPORTE

Guias

Factsheets

Sistema de tickets

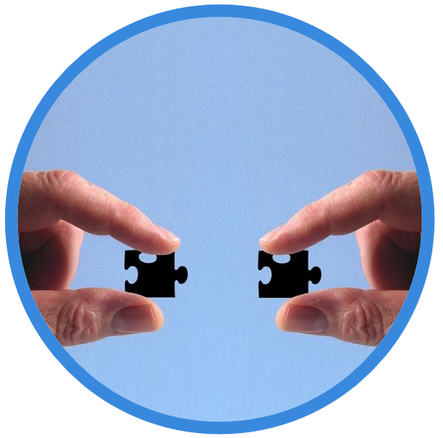
Apoio nacional

FORMAÇÃO EM OPEN SCIENCE, DADOS ABERTOS & GDI

Webinars

Workshops

Formação de formadores



FORMAÇÃO PARA USO DOS SERVIÇOS OpenAIRE

Guias para serviços

Sessões demo e tutoriais

Webinars/Community calls

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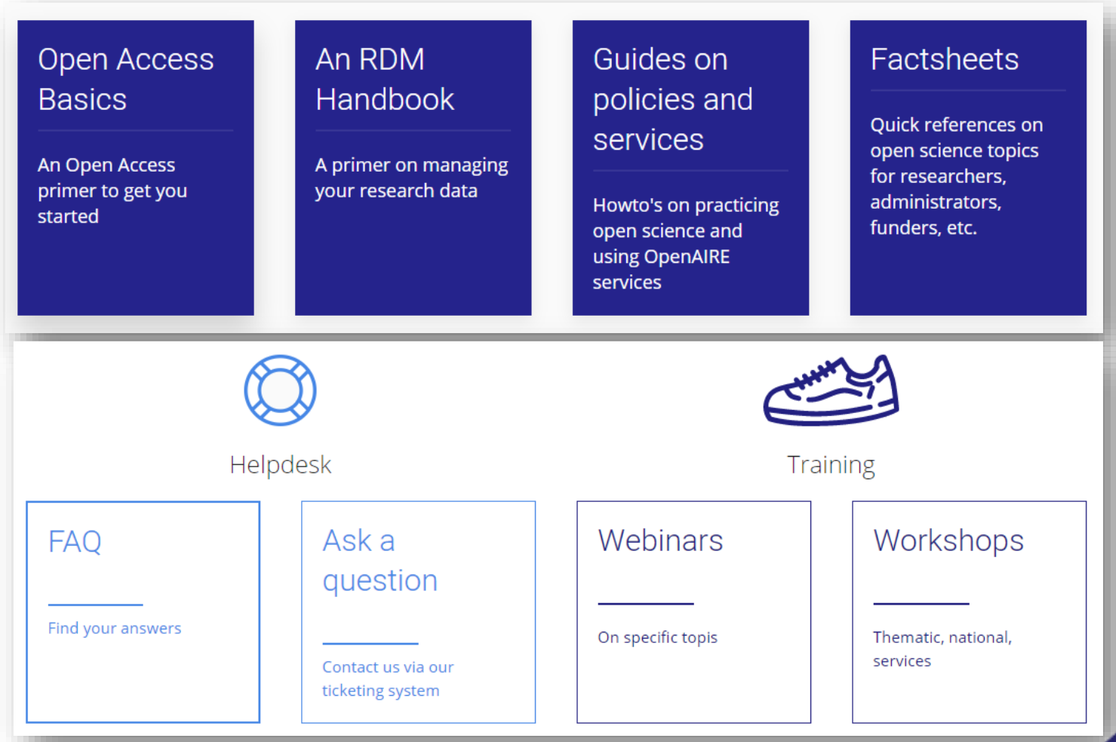
Suporte & Formação

www.openaire.eu/support



Factsheets temáticas (H2020) e sobre serviços OpenAIRE

OpenAIRE Horizon 2020 Factsheets www.openaire.eu

Personal data and the Open Research Data

How can OpenAIRE help?

Briefing paper for researchers, research administrators and project coordinators

The EC Open Research Data Pilot

Open data is data that is free to use, reuse and redistribute. The EC Open Research Data Pilot (ORDP) enables open access to and reuse of research data generated by Horizon 2020 projects. The Pilot applies primarily to the data (and metadata) needed to validate results in scientific publications, as well as other data specified in the Data Management Plan (DMP).

Projects participating in the Pilot are required to deposit their research data in a research data repository and take measures to enable third parties to access, mine, exploit, reproduce and disseminate this data.

However, the concept of the free use of research data within the Pilot may conflict with data protection rules if such data contain personal data.

What is personal data?

"Personal data" means any information relating to a natural person who is either identified or could be identified by that data (e.g., by reference to an identifier such as a name, an identification number, location data, online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural or social identity of that person).

Data protection rules always apply wherever personal data is being processed. Processing here includes practically any operation in connection with personal data – including collection, recording, organisation, structuring, storage, adaptation or alteration, retrieval, consultation, use, disclosure by transmission, dissemination or otherwise making available, alignment or combination, restriction, erasure or destruction.

OpenAIRE

Dealing with Personal Data

How to balance open access and data protection?

So what's the problem?

Research data – especially in fields like medicine, biotechnology and the social sciences – often contain personal data. This means that many datasets, in their raw form, cannot be made openly available as required by the ORDP due to conflicts with rules on protection of personal data.

Hence, incompatibility with data protection regulations is one of the major reasons for opting out of the ORDP. However, opting out of the Pilot is not the only way to prevent possible infringements.

Firstly, even if one particular dataset is unsuitable for sharing, the same project might produce other datasets which are. Secondly, even if datasets contain personal data, they might still be able to be shared either through (1) anonymisation, or in limited cases, (2) targeted sharing.

Anonymisation of personal data?

The best way to fulfil the requirements of the **Open Research Data Pilot** and **data protection rules** at the same time is to anonymise personal (research) data before making them openly available.

Anonymised data are no longer personal data, consequently data protection rules are no longer applicable.

Effective **anonymisation** prevents third parties from re-identifying individuals in anonymised datasets, i.e., associating a record to a natural person by using other sources of information. Moreover, anonymisation provides further privacy guarantees that prevent third parties from inferring that a person is associated with a certain property, e.g., a particular health condition, with high probability, or even to infer the participation of a person in a published dataset.

When possible, data anonymisation is the best solution to avert data protection risks.

OpenAIRE Horizon 2020 Factsheets www.openaire.eu

Open Access and Open Data in Horizon 2020 How can OpenAIRE help?

Factsheet for Research Administrators and Project Coordinators

The Horizon 2020 Open Access Mandate

In Horizon 2020, the European Commission (EC) requires that all peer-reviewed publications resulting from project funding are Open Access (OA), i.e., freely available online with no restrictions on use.

4 Simples steps for Open Access

Step 1. Submit a paper to a journal of your choice (there is no restriction). Publishing costs (article processing fees for immediate Open Access) are eligible costs and can be reimbursed within the

Step 2. Acknowledge project funding in the article's metadata by including the terms ["European Union (EU)" and "Horizon 2020"] or ["Euratom" and Euratom research and training programme 2014-2018"]; the name of the action, acronym and grant number; the publication date and lenght of embargo period if applicable and a persistant identifier (e.g. DOI, handle).
Check the publisher policy on what version you can deposit on: https://v2.sherpa.ac.uk/romeo/

Step 3. Deposit the final peer-reviewed manuscript or the publisher's PDF in an institutional or subject repository (or zenodo.org if no other option is available) as soon as possible and at the latest upon publication.

It is not enough to list publications on a project website – they'll go unnoticed!

Step 4. Ensure open access to the deposited publication. An embargo of 6 months (or 12 months for the social sciences and humanities) is acceptable

OpenAIRE

Can't find or see all of your project's publications in OpenAIRE at reporting time?

This means that they are not deposited in an OpenAIRE compliant repository.

Use the Link Service available in our Discovery Portal - https://explore.openaire.eu/ - to claim your publications that are either deposited and not yet viewable, or not yet deposited at all.

We help you with a few simple steps, but in this case you must ensure that all H2020 rules are followed!

OpenAIRE: Services for Research Managers

Search for your project at:
https://explore.openaire.eu/

We maintain a page for every Horizon 2020 project, featuring project information, related project publications and datasets and a statistics section.

OpenAIRE includes an App Box that allows you to generate a project publication list with just one click. Use it to communicate your project results with your collaborators, or dynamically embed it in your project site and automatically keep it up-to-date.

Putting your work into OpenAIRE-compliant repositories automatically ensures that you:

i. Comply with the Horizon 2020 Mandate on Open Access to scientific publications.

ii. Save time as you can import your project publications into the EC's participant portal with a single click of a button!

Project Publications → OpenAIRE → Automatically

OpenAIRE Horizon 2020 Factsheets www.openaire.eu

Open Research Data in Horizon 2020 How can OpenAIRE help?

Are you a Researcher, Project Coordinator or Research Manager participating in a EC project? What, where and how to share your Data?

What is the Open Research Data?

Open data is data that is free to use, reuse and redistribute.
The Open Research Data enables open access and the reuse of research data generated by Horizon 2020 projects.
Open Access to data underlying their scientific publications.

Participating projects are required to:

- Develop (and keep up-to-date) a Data Management Plan (DMP).
- Deposit their data in a research data repository.
- Ensure that third parties can freely access, mine, exploit, reproduce and disseminate it.
- Make clear what tools are needed to use the raw data to validate research results (or provide the tools themselves).

What's in it for you?

- Be part of the new era of Open Science, integrating transparency, effectiveness and timeliness into all areas of scientific methods and processes.
- Reach more people, have greater impact.
- Avoid duplication of effort and help preserve data for future researchers.
- Simplify final reporting by keeping your DMP up-to-date.

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How can OpenAIRE help? OpenAIRE provides a range of resources, FAQs, webinars and support pages.

OpenAIRE has local representatives in all EU countries: the National Open Access Desks, or NOADs. Contact them via our helpdesk system at

https://www.openaire.eu/support/helpdesk

If there is no disciplinary or institutional repository available, researchers are welcome to use the Zenodo repository provided by OpenAIRE and hosted by CERN.

www.zenodo.org

Do you have a Horizon 2020 grant? Do you manage your data in a FAIR way?

Are you still part of the Pilot?

Projects covered by the Work Programme 2017 are part of the Open Data Pilot by default. As of Work Programme 2017, the Pilot has been extended to all areas of Horizon 2020 (except "co-fund" and "prizes" instruments, ERC PoC, SME instrument Ph1 actions, ERA-NET Cofund actions that do not produce data).
If your project started before then and stems from one of following H2020 areas, you are automatically part of the Pilot as well:

- Future and Emerging Technologies.
- Research infrastructures – part e-Infrastructures.
- Leadership in enabling and industrial technologies – Information and Communication Technologies.
- Nanotechnologies, advanced.
- Societal Challenge: Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy.
- Societal Challenge: Europe in a changing world – inclusive, innovative and reflective Societies.
- Science with and for Society.
- Cross-cutting activities - focus areas – part Smart and Sustainable Cities.

Can you opt out?

We hope you won't, but projects may opt out of the Pilot at any stage, partially or completely. See the EC Guide on OA for eligible reasons.
Note that in multi-beneficiary projects it is also possible for specific beneficiaries to keep their data closed if relevant provisions are made in the consortium agreement, which are in line with the reasons for opting out.

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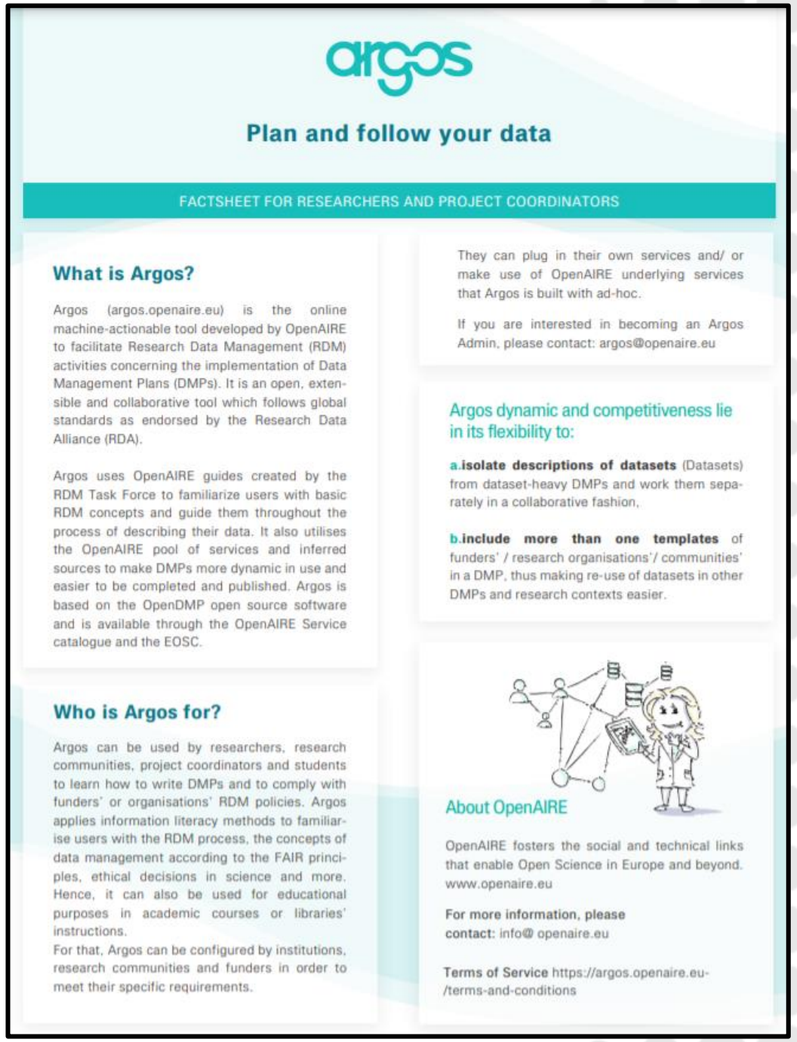
www.openaire.eu/factsheets

Factsheets temáticas (H2020) e sobre serviços OpenAIRE



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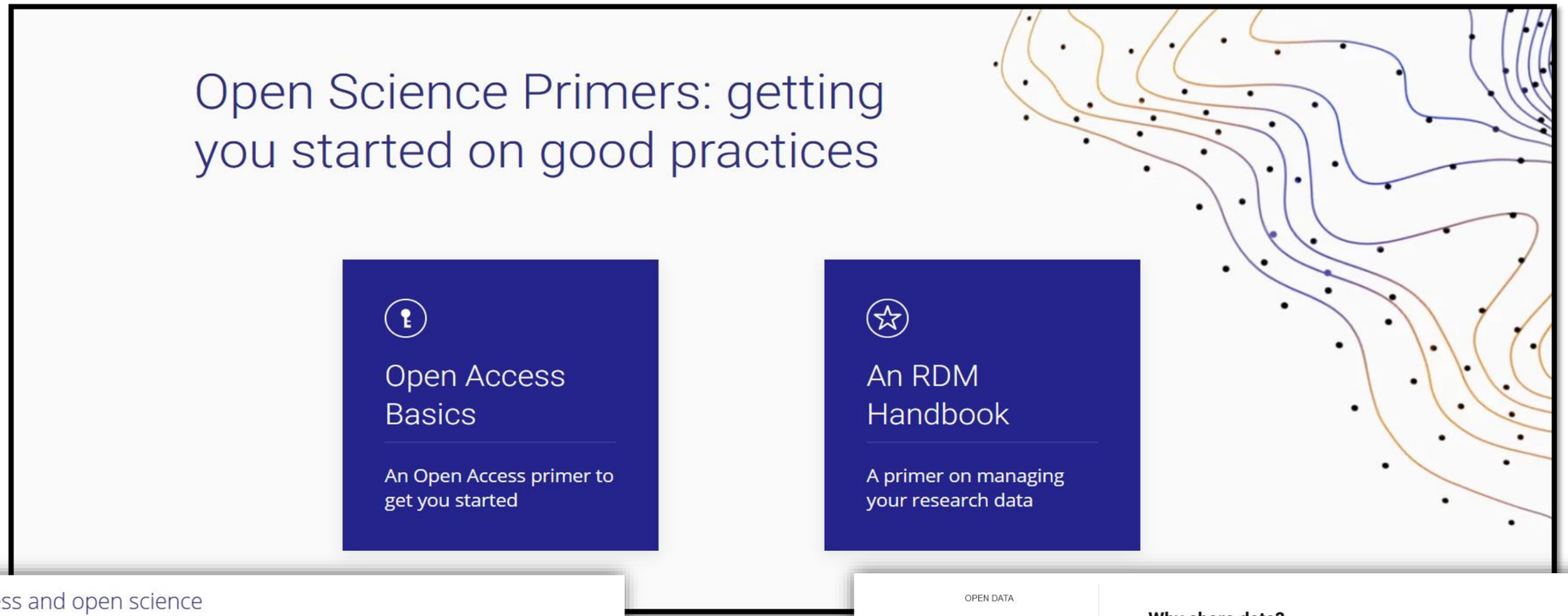
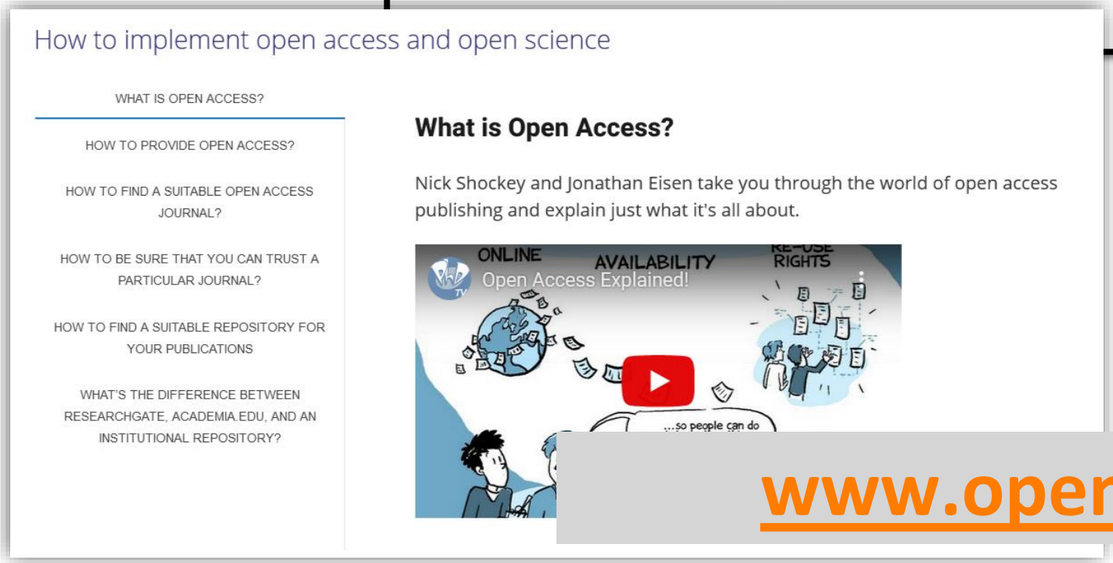
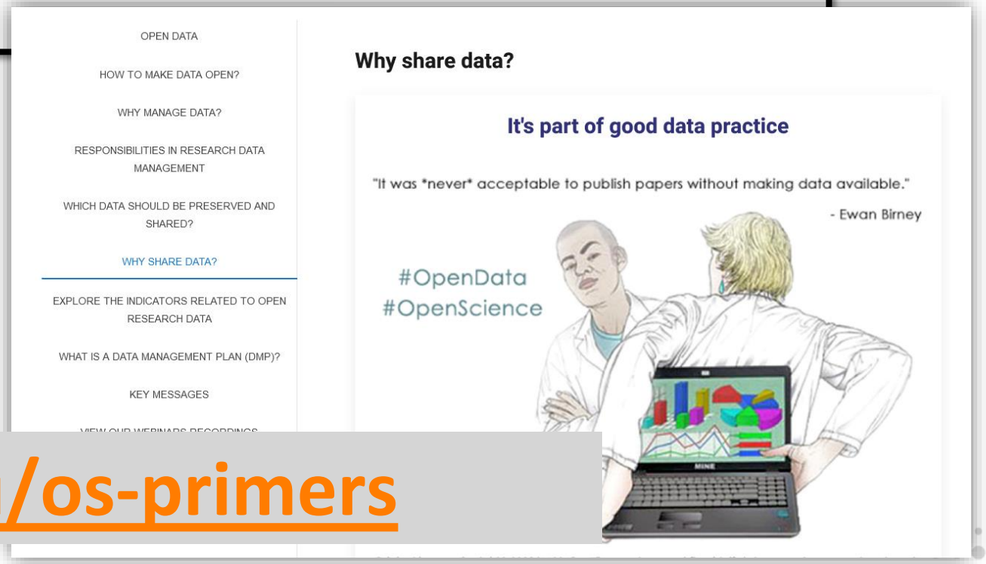
European Commission

www.openaire.eu/factsheets

Conteúdos essenciais sobre acesso aberto e GDI







www.openaire.eu/os-primers

Guides for Researchers

Data formats for preservation

What you need to know when creating a DMP

Guides for Researchers

How do I license my research data?

Learn more about licenses for research data and how to apply it

Guides for OpenAIRE services

Explore - How to report your publication and data to the EC

Guides for OpenAIRE Services

Provide - How to enrich research artifacts

Guides for Funders

Why OpenAIRE Monitor

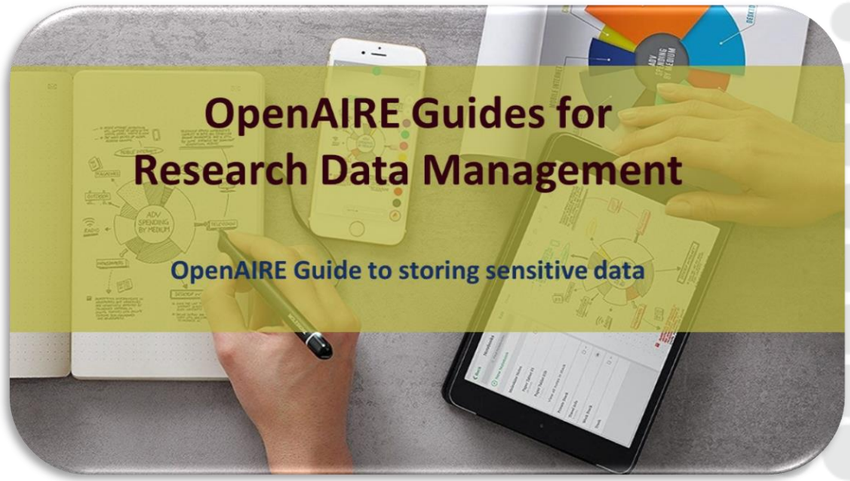
Benefits in its use

GUIAS

32 Guides

6735 Hits/mês

www.openaire.eu/guides



Materiais de suporte para GDI:

- ✓ Como tornar os dados FAIR
- ✓ Como criar um PGD
- ✓ Como encontrar um repositório confiável para depósito de dados
- ✓ Como licenciar os dados de investigação
- ✓ Como reutilizar dados de outros
- ✓ Como proteger os dados
- ✓ Como lidar com dados sensíveis

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Toolkit sobre políticas de Open Science

Open Science Policy Checklist for Research Funding Organisations

Open Science Policy Checklist for Research Performing Organisations

Model Policy on Open Science for Research Funding Organisations

Model Policy on Open Science for Research Performing Organisations

Factsheet - OS Policies for RFOs

coming soon

Factsheet - OS Policies for RPOs

coming soon

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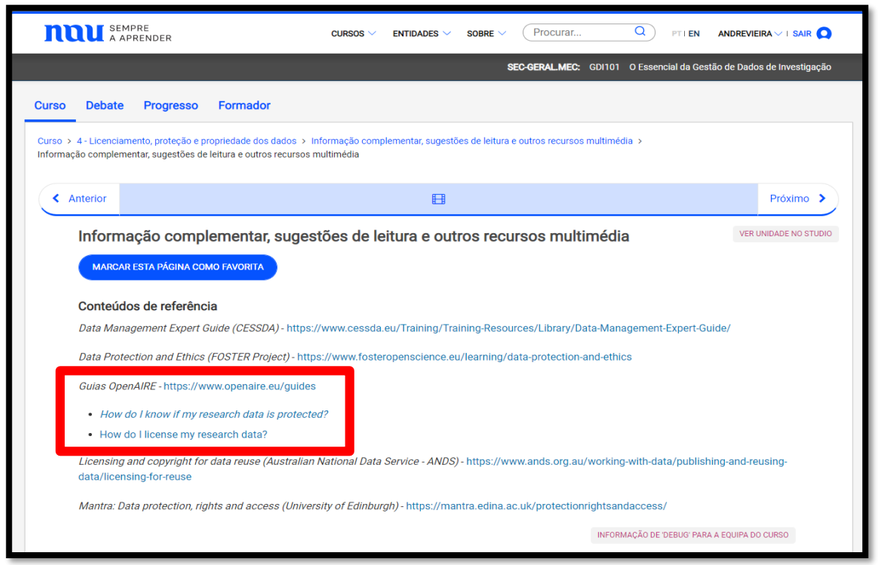
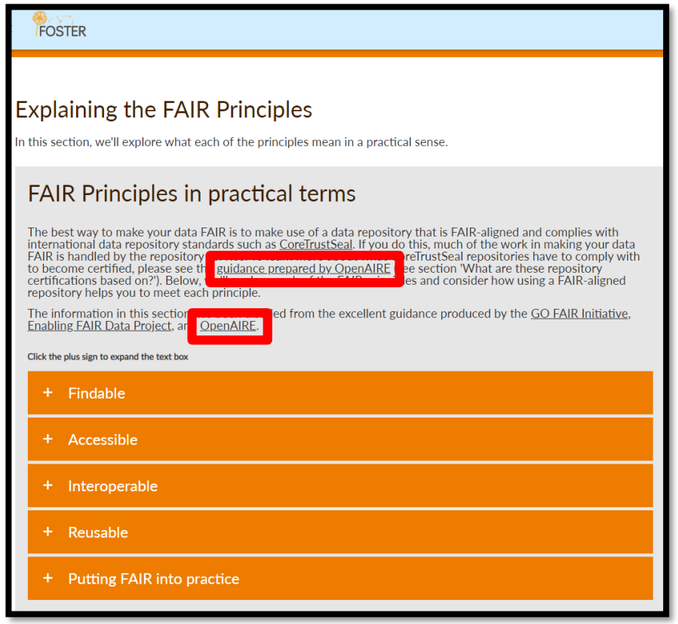
www.openaire.eu/toolkit-for-policy-makers-on-open-science-and-open-access

REUTILIZAÇÃO DOS MATERIAIS

guias e factsheets servem para apoiar atividades de formação



https://www.nau.edu.pt/curso/o-essencial-da-gestao-de-dados-de-investigacao/



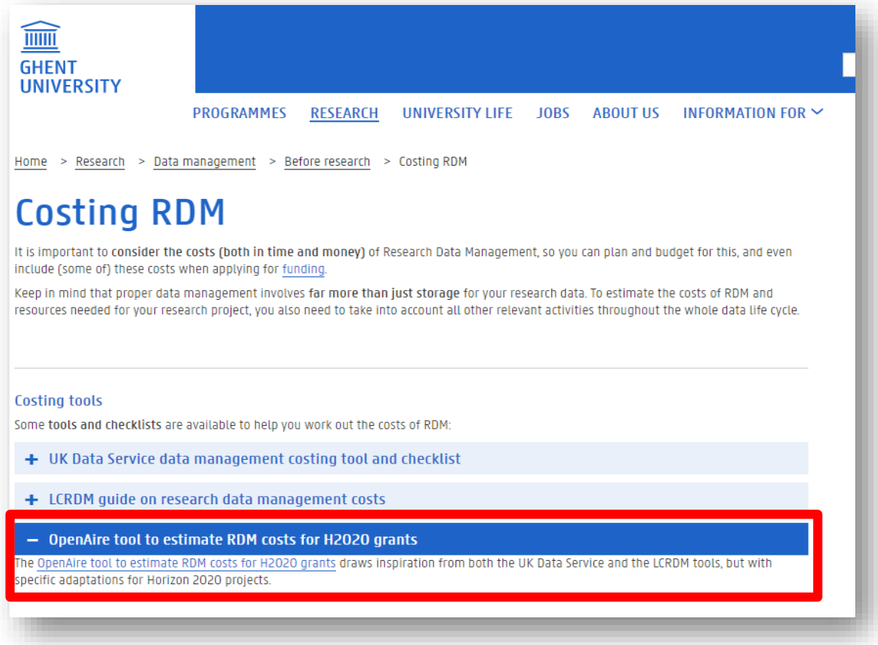
www.fosteropenscience.eu/learning/assessing-the-fairness-of-data

https://datasupport.researchdata.nl/start-de-cursus/iv-oogstfase/data-archieven

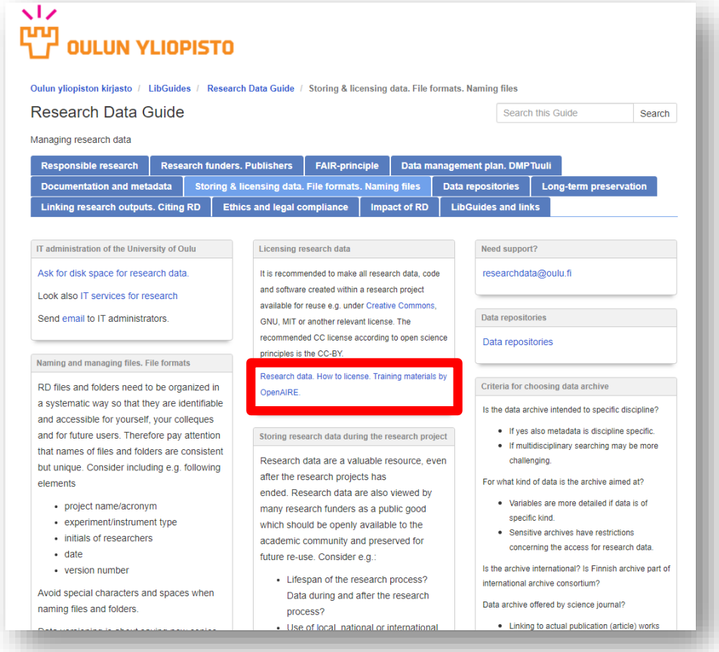
Exemplo: vários estão incorporados em cursos

REUTILIZAÇÃO DOS MATERIAIS

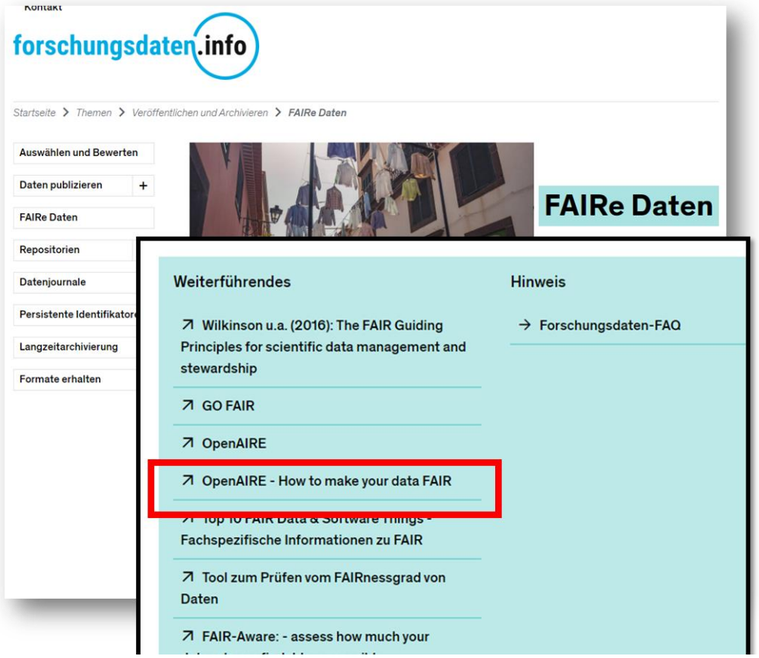
Em páginas instituicionais sobre Open Science ou GDI



https://www.ugent.be/en/research/datamanagement/before-research/costs.htm



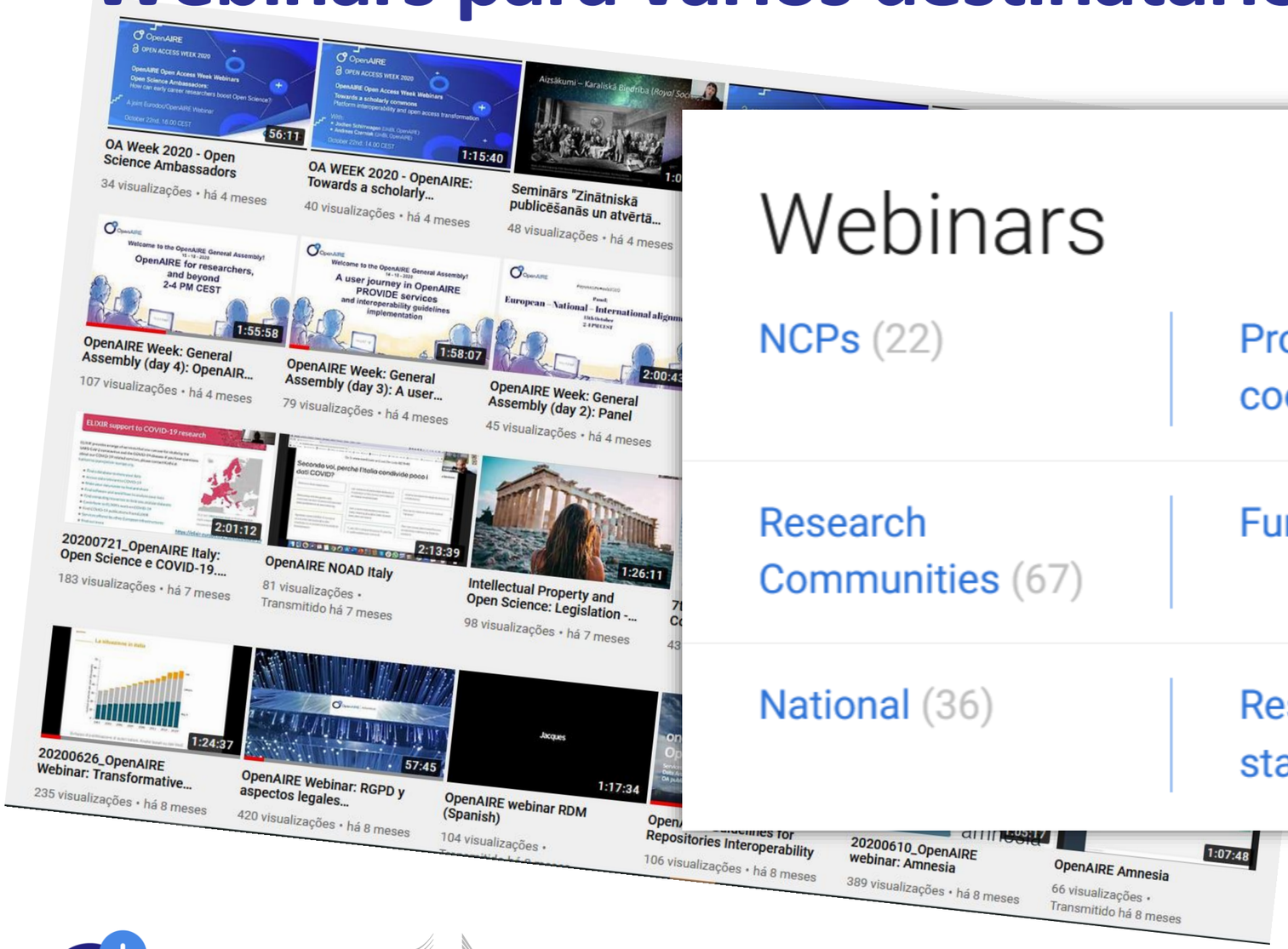
https://libguides.oulu.fi/Researchdata/Storage



https://www.forschungsdaten.info/themen/veroeffentlichen-und-archivieren/faire-daten/

Exemplo: vários sites institucionais

Webinars para vários destinatários e em várias linguas



Webinars

NCPs (22)	Project coordinators (61)	Researchers (86)
Research Communities (67)	Funders (19)	Content Providers (40)
National (36)	Research support staff (66)	Data librarians (41)

www.openaire.eu/frontpage/webinars

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pedroprincipe@sdum.uminho.pt