

A large dandelion seed head is positioned to the left of the word 'FOSTER', with several seeds drifting away to the right. The word 'FOSTER' is written in a large, grey, sans-serif font.

# FOSTER

*O Portal FOSTER Plus no apoio à  
Gestão de Dados de Investigação*

A smaller dandelion seed head is located in the bottom left corner of the slide.

Eloy Rodrigues, Antónia Correia

The logo for the forum, featuring a stylized 'F' composed of horizontal bars in orange and teal, with a grid of dots to its right.

4º FÓRUM  
GESTÃO DE DADOS  
DE INVESTIGAÇÃO

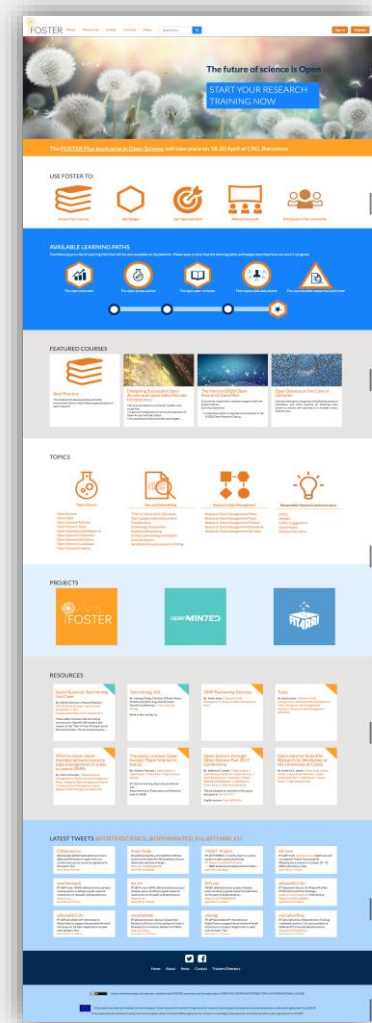
16 DE NOVEMBRO 2018  
CASTELO BRANCO  
INSTITUTO POLITÉCNICO  
DE CASTELO BRANCO



# FOSTER Plus

2017-2019 / 12 parceiros

Objetivo: Apoiar os investigadores individuais, e as organizações (universidades, centros de investigação e outras instituições) onde trabalham, a evoluir da simples consciência e conhecimento para a capacidade de incorporar as práticas da ciência aberta no seu trabalho diário.



# A nossa visão



## O portal FOSTER

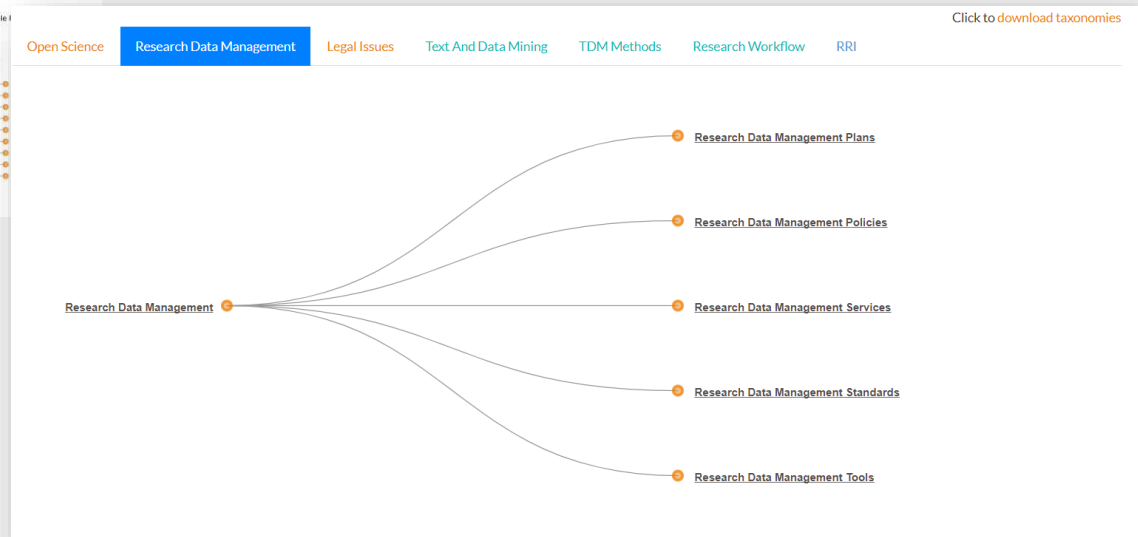
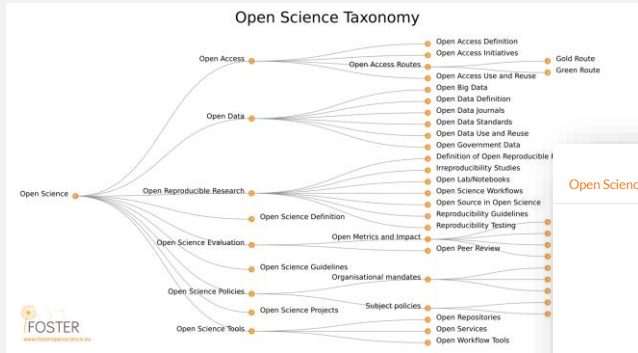
Disponibiliza **recursos, infraestrutura e materiais de apoio** para quem pretenda **obter e melhorar os seus conhecimentos ou organizar eventos de formação** nas suas instituições, de modo a **promover a implementação prática** da Ciência Aberta e a mudança na forma como se faz investigação

1

Taxonomia *Research Data Management* e recursos disponíveis no portal

# Taxomia *Research Data Management*

Categoriza os recursos RDM disponíveis no portal FOSTER



# Recursos disponíveis

**Resources**

**FOSTER training on Data Management Plans and Research Data Management for Horizon 2020 Project Officers**  
05.06.2018 - 04.09.2018  
By: DCC  
Publication year: 2018 | Research Data Management | Research Data Management Plans | Research Data Management Policies | Research Data Management Tools | Research Data Management Standards | Research Data Management Services

**Digital curation training**  
By: DCC  
Publication year: 2018 | Research Data Management | Research Data Management Plans | Research Data Management Policies | Research Data Management Tools | Research Data Management Standards | Research Data Management Services

**UK Data Service - Data management training resources**  
By: UK Data Service  
Publication year: 2018 | Research Data Management | Research Data Management Plans | Research Data Management Policies | Research Data Management Tools | Research Data Management Standards | Research Data Management Services

**Research Data Management (RDM) open training materials**  
By: DCC  
Publication year: 2018 | Open Access | Open Science | Research Data Management | Open ResearchER Research | Research Data Management Tools | Research Data Management Policies | Research Data Management Standards | Research Data Management Services

**Research Data Management Explained**  
By: University of Leeds  
Publication year: 2018 | Research Data Management | Research Data Management Plans | Research Data Management Policies | Research Data Management Tools | Research Data Management Standards | Research Data Management Services

**Research Data Mastery**  
By: DCC  
Publication year: 2017 | Research Data Management Services | Research

**RDM Support - basic train**  
By: Horizon 2020  
Publication year: 2018 | Research Data Management Services | Research

**Preview**

**Download Original**  
**Download Text**  
**Download PDF**  
**Download EPUB**  
Audience: Sarah Jones  
Publication year: 2018  
Language: English [EN]  
Level of knowledge: Advanced user  
Usage rights: CC BY

**Topics**

**Audience**

Policy makers and Funders  
Research Administration

**Share**

Twitter LinkedIn Facebook Print

**What is a H2020 Data Management Plan**

**FOSTER**  
Reviewing DMPs - what you need to know

Sarah Jones  
DCC, University of Glasgow  
sarah.jones@glasgow.ac.uk  
Twitter: @sDCC  
#fosteropenscience

DMP training, Brussels, September 2018

## The Horizon 2020 Open Research Data Pilot

### Introduction to the requirements of the Open Research Data Pilot

This paper will help you get a basic understanding of the Open Research Data pilot in Horizon 2020. You will learn about why the European Commission is interested in open science and hear about the specific requirements for participating.

#### Readings

+ Neelke Kroes talks open science

- Requirements of the Horizon 2020 Open Research Data Pilot

A [video](#) explaining an Introduction to the European Commission's Open Research Data pilot in Horizon 2020. The presentation explains which countries are included in the pilot, what exemptions may apply and what is required of participants.

Read the presentation to get an overview of the requirements under the Open Research Data Pilot.

- Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020

Guidelines on the European Commission's requirements for open access to publications and research data under Horizon 2020.

Read the [EU Guidelines](#) to get a deeper understanding of what is required. Pay particular attention to section 4.

- Guidelines on Data Management in Horizon 2020

Guidelines from the European Commission explaining what is required in terms of Data Management Plans, retention periods and open licensing for participants in the Horizon 2020 Open Research Data pilot. The guide offers advice on how to develop your DMPs to be successful.

Read the European Commission's [guidelines](#) on data management and DMPs.

#### Quiz

### Which projects can consider taking part in the Open Research Data pilot?

- Only the projects in the specified, participating areas of the work programme
- Most for-hire 2020 projects that are creating data
- Projects funded under the instruments "infrastructure" and "other"

Submit

### Which data does the pilot apply to?

- the data needed to verify the results presented in scientific publications
- other funded and/or fee-based, as specified within the project's data management plan
- research data
- publications

Submit

## Data Protection and Ethics

This course helps you get to grips with data protection and the ethics around responsible data sharing.

### Introduction

This course covers data protection in particular and ethics management in general. It will help you understand the basic principles of data protection and provides techniques for implementing data protection in your research processes. Upon completing this course, you will understand:

- what personal data are and how you can protect them
- how to calculate when developing consent forms
- how to store your data securely
- how to anonymise your data

### Data protection and ethics



## Data Protection

Considering aspects of data protection is crucial for your research, particularly if you are planning to share your research data. Protecting research data means protecting the rights of humans involved in the research process.

### Key elements

As a responsible researcher, you should become familiar with:

- the legal requirements that need to be met when collecting and handling information
- the best practices for data protection strategies
- security, storing and transferring data

Remember - data protection should start at the earliest stages of the research process.

### What are personal data?

Click the plus sign to expand the text box

- What are personal data?

- Protecting personal data

- Legal requirements - EU General Data Protection Regulation (GDPR)

- Legal requirements - GDPR research exemptions

### ELIXIR Webinar: EU General Data Protection Regulation and Research Data Sharing

It is important that data about 44 million people in the EU are protected under the General Data Protection Regulation (GDPR) and the implications for sharing of research data in the ELIXIR supporting research in the UK. Dr. Sarah Jones, the UK's lead researcher in any discipline who are trying to get to grips with GDPR and research data sharing.

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*Curso Managing and  
Sharing Research Data -  
Open Science Toolkit*

# Open Science Toolkit

## What is Open Science?

This introductory course will help you to understand what open science is and why it is something you should care about.



## Best Practices

This course introduces some practical steps for opening up your research practices and how to meet expectations relating to openness from funders, publishers and peers.



## Open Access Publishing

This course will help you become skilled in making your publications openly accessible in line with funders' requirements and in the wider context of Open Science.



## Sharing Preprints

This course introduces the practice of sharing preprints and helps you to see how it can support your research.



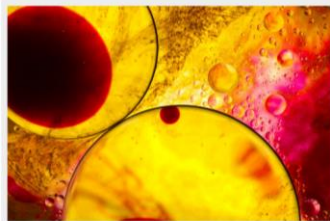
## Open Licensing

This course helps you to find the best open license for your open research outputs.



## Managing and Sharing Research Data

In this course, you'll focus on which data you can share and how you can go about doing this most effectively.



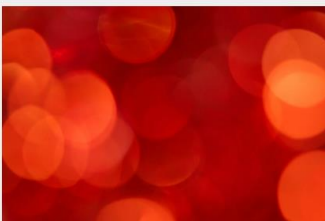
## OSS and Workflows

This course introduces Open Source Software (OSS) and workflows as an emerging but critical component of Open Science.



## Open Peer Review (OPR)

This course will introduce you to OPR and let you know how you can get started with it.



## Open Science and Innovation

This course will show you how Responsible Research and Innovation is accelerated through Open Science.



## Data Protection and Ethics

This course helps you to get to grips with responsible data sharing.



[www.fosteropenscience.eu/toolkit](http://www.fosteropenscience.eu/toolkit)



# *Open Science Toolkit*

Pretende responder a algumas das **perguntas mais comuns** sobre como colocar a ciência aberta em prática e inclui **Casos práticos** em três áreas disciplinares: **Ciências da Vida, Ciências Sociais e Humanidades**

- Definições e informação breve sobre cada um dos temas;
- Vídeos sobre cada uma das temáticas, pequenos blocos de texto, gráficos e imagens e indicação de leituras adicionais;
- Economia de esforço - cursos foram concebidos para requerer apenas uma a duas horas de estudo/trabalho;
- Avaliação: questionário no seu final.

# Managing and Sharing Research Data

## Managing and Sharing Research Data

In this course, you'll focus on which data you can share and how you can go about doing this most effectively.

## Introdução: definições, nível de abertura dos dados

### Introduction

Data-driven research is becoming increasingly common in a wide range of academic disciplines, including Biology, Earth and Environmental Sciences, Medicine, Mathematics, Physics, and Social Sciences. To support good research, you need to have access to good data. Upon completing this course, you will:

- understand the differences between open, closed, and shared data
- be able to make decisions about which data you can share
- know what a data management plan is
- be aware of the FAIR principles
- know how to get maximum impact from sharing your research data

### What are research data?

The [University of Leeds](#) describes research data as 'any information that has been created to validate original research findings: Research data can include things

Click the arrows to navigate through the content



### Open, closed and shared data

#### Levels of openness

**Open data** - the Open Data Institute (ODI) defines Open Data as those that anyone can access, use and share. According to the ODI, open data must be licensed to make clear that anyone can use the data in any way they want, including transforming, combining, and sharing it with others, even for commercial purposes. The ODI provides a great Introduction to all aspects of Open Data in their [Open Data Essentials](#) course. We highly recommend reviewing these modules.

**Shared data** - similar to Open data, shared data may be made widely accessible but could have some conditions such as non-commercial reuse or reuse with attribution. It is important to note that not all shared data has to be available to anyone. Sometimes shared data is only made available to specific groups such as peers from another university.

**Closed data** - If researchers are dealing with highly sensitive data - such as sensitive personal data or commercially sensitive data - it may not be possible to share the data at all. However, even in such cases a metadata description of the research data should be shared. Sharing of sensitive data can also be supported by making use of safe havens where only authorised users are given controlled access.

#### 5-Star Open Data Model

If you decide that you want to make your data open, Tim Berners-Lee's [5-Star Open Data model](#) provides a good overview of what you need to consider in a practical sense. Open data involves more than just making your data accessible online. It is also about providing intelligent access so that someone can understand and effectively reuse your data. Bear in mind that you may be one of the future reusers of your data so the effort you put into contextualising them is of benefit to you too! Even if you are not planning to apply an open license to your data, most of the advice in 5-Star model is still good practice.

Click the arrows to navigate through the content



#### 1 Star Open Data

Make your data available on the Web (whatever for email) under an open licence.

### So, who decides whether your research data should be open, closed, or somewhere in between?

Researchers have a key role to play in deciding what data can be shared but it is important to note that they are not the only stakeholders involved in making this decision. Decisions you make about where you store your data in the short and longer term can also have an impact of which data you can share and with whom.

Click the plus sign to expand the list box

- Research participants

If your research will involve working with human subjects, you will need to ensure that you obtain informed consent. Informed consent should let research participants know about any plans you have for sharing their data (i.e. within your research team or more widely) as well as any plans you have relating to the longer-term retention of their data to support reuse.

Speak to your Ethics Team and make sure that any plans for reuse are built into consent forms you will use. If you plan to make use of a standard consent form available from your institution, be sure to read it through first to make sure it does not contain any blanket statements about not sharing data or promises to destroy the data at the end of the project.

Be sure to consider any data cleaning and/or anonymisation procedures that will need to be carried out to facilitate sharing early on. Bear in mind that these actions can be very costly so be sure to request sufficient budget for these activities in your grant proposals.

For more information on obtaining informed consent, please see our course on [Data Protection and Ethics](#).

I Agree

+ Research collaborators

+ Research data infrastructure

+ Research data repositories

# Managing and Sharing Research Data

## Data Management Planning

Deciding which data should be open, closed or shared requires advanced planning. In this section, you'll learn what a data management plan is and how they can help you to make important decisions before your research begins.

### What are data management plans (DMPs)?

A data management plan (DMP) is a document that describes the scale and the format(s) of those data you will generate, collect or reuse during the life of your project and outlines how they will be handled and shared during your project and in the longer-term. Many funding bodies require a DMP to be submitted as part of new grant applications but even if your research isn't supported by external funds, developing a DMP is a useful exercise whenever you're working with data.

### What should be covered in your DMP?

Most funding bodies' DMP templates cover five core themes. Click through each of these below to see what topics should be addressed in your data management plan. This advice is taken from the DCC's [How to Develop a Data Management Plan](#) guide which is worth a read if you want to delve a bit deeper.

Click the plus sign to expand the text box

- + Data Types, Formats, Standards and Capture Methods
- + Ethics and Intellectual Property
- + Access, Data Sharing and Reuse
- + Short-Term Storage and Data Management
- + Deposit and Long-Term Preservation

## Planos de gestão de dados

## Discipline specific examples of real DMPs

Here are a few examples of data management plans (DMPs) that have been produced by projects in the Arts and Humanities, Social Sciences, and Life Sciences. For more examples of DMPs, please see the Digital Curation Centre (DCC) website and the DCC's [DMPonline](#) tool.

Click the arrows to navigate through the content

The screenshot shows a digital document viewer for a DMP titled 'FREME DATA MANAGEMENT PLAN'. The document header includes the 'FREME' logo and the text 'OPEN RESEARCHERS OF E SERVICES FOR MULTIMEDIA AND DIGITAL BIODIVERSITY OF DIGITAL COURTESY'. Below the title, it states 'DATA MANAGEMENT PLAN' and 'Co-funded by the Horizon 2020 Framework Programme of the European Union'. A navigation bar at the bottom shows 'H2020 FREME Project' and a progress indicator. To the right, an orange sidebar contains the text: 'Sample DMP from the Arts and Humanities. The H2020 supported ESRC project is an open framework of provisions for multilingual and semantic enrichment of digital content projects. The project has shared version one of their DMP as a public deliverable.'

## Data management planning tools - DMPonline

[DMPonline](#) is a freely available tool that helps research teams to write data management plans that meet funding body requirements. DMPonline was jointly developed by the Digital Curation Centre (DCC) and the University of California Curator Center (UCC). The tool contains a number of templates that represent the requirements of different funding bodies across Europe. Users are asked three questions at the outset to determine the appropriate template to display (e.g. the Economic and Social Research Council (ESRC) template when applying for an ESRC grant). Using tools like DMPonline takes the guesswork out of writing your data management plan by providing you with the specific set of questions that individual funding bodies want you to answer. The tool also provides users with general guidance - and where provided, institutional guidance - to make sure that your answers are realistic and implementable.

For more information on data management plans and tips on writing them, check out the [DCC website](#).

# Managing and Sharing Research Data

## Making data FAIR

### FAIR Principles

As noted above, many funders now endorse the [FORCE11 FAIR principles](#) which were published in 2016. The FAIR principles mean that data is:

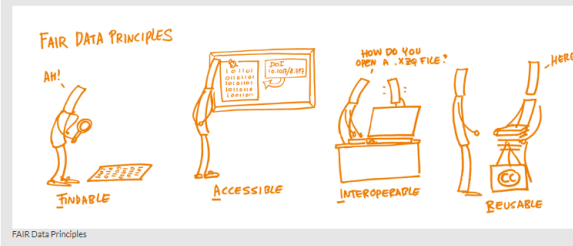
**Findable:** the first step in making your data reusable is ensuring that they can be found by both humans and machines.

**Accessible:** once someone has found your data, they need to know how they can get access to them. This could include going through an authorisation and/or authentication process.

**Interoperable:** to make your data reusable, you should ensure that they can be integrated with other data and that they can be utilised by applications or workflows for analysis, storage, and processing.

**Reusable:** to maximise the potential reuse of your data, make sure that they - and their related metadata - are well-described so that they can be replicated and/or combined in different settings.

The list above was distilled from the [GO FAIR initiative](#) which provides excellent coverage of each of the FAIR principles in detail.



Assessing the FAIRness of your data

### FAIR self-assessment tool

This [self-assessment tool](#) was developed by the [Australian ANDS-Nectar-RDS initiative](#) and enables you to assess the FAIRness of a dataset and determine how to enhance its FAIRness. It was developed primarily for research support

## When and how should you share your data?

### When should you share your data?

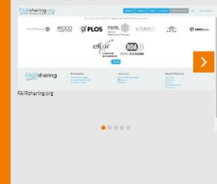
Ideally, you should share your research data as soon as possible. This may be upon publication of research findings but could also be done much sooner in the research lifecycle. Many researchers are reluctant to share their data because they fear it isn't perfect. While perfection is a difficult something to shoot at in trying to produce, the reality is that most data have a slight quirk and anomaly. You don't need to wait until your data is perfect to share it. It can still be very useful to others. In addition, sharing your data early can help to highlight any mistakes or inconsistencies that should be addressed prior to publishing your findings.



### Ways to share your data

There are a number of ways you can share your data. Here are just a few options you can consider.

Click the arrows to navigate through the content.



#### Subject specific repositories

It is always a best to deposit your research data with a subject specific repository that is recognized in your field. A host of others or other sites will be more likely to discover it to support future reuse.

Many journals and funder specify which data repositories they want researchers to use. It is a good idea to check the terms of your grant or publication agreement to see if you are required to use a specific repository that has been recommended or mandated by funding agencies. Journals may also provide lists.

The next table provides more help for [developing a data management plan](#).

Princípios FAIR, disponibilização e questionário

3

Especialização  
*Responsible Data Sharer*

# Especializações

Cada *learning path* é uma conjugação de vários cursos que atribui uma determinada especialização.

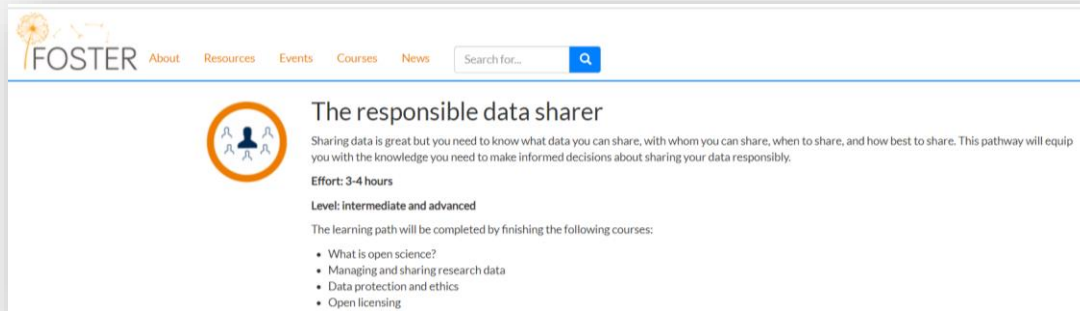
Média de 2-4 horas de estudo

- *The reproducible research practitioner*
- *The responsible data sharer*
- *The open access author*
- *The open peer reviewer*
- *The open innovator*



[www.fosteropenscience.eu/learning-paths](http://www.fosteropenscience.eu/learning-paths)

# Responsible Data Sharer



The screenshot shows the FOSTER website interface. At the top left is the FOSTER logo with navigation links for About, Resources, Events, Courses, and News. A search bar is located to the right. The main content area features a circular icon with three stylized figures. The title is "The responsible data sharer". Below the title is a paragraph explaining that sharing data is great but requires knowledge of what to share, with whom, when, and how. It states that the pathway will equip users with the knowledge to make informed decisions. The effort is listed as 3-4 hours, and the level is intermediate and advanced. The learning path is described as being completed by finishing the following courses:

- What is open science?
- Managing and sharing research data
- Data protection and ethics
- Open licensing

<https://www.fosteropenscience.eu/node/2223>



What is Open Science?



Managing and Sharing Research Data



Data Protection and Ethics



Open Licensing



4

Outros recursos



# *Learning Management System*

Serão disponibilizados em breve novos cursos eLearning em regime de auto-aprendizagem e com moderação.

- Possibilidade de incorporar cursos do toolkit, bem como outros recursos, no seu próprio sistema moodle;
- Potencial de reutilização/ *remix*.

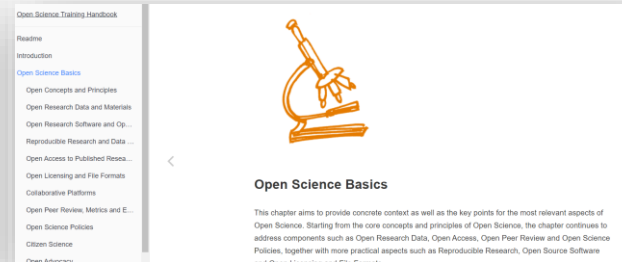
<https://lms.fosteropenscience.eu>

# Open Science Training Handbook



- Disponível como GitBook e para download (PDF, epub, mobi)
- Licença CC 0 para facilitar a reutilização

[book.fosteropenscience.eu](https://book.fosteropenscience.eu)



<https://doi.org/10.5281/zenodo.1212496>

# Open Science Training Handbook



- **Open Science Basics**
  - Open Concepts & Principles
  - **Open Research Data & Materials**
  - **Open Research Software & Open Source**
  - **Reproducible Research & Data Analysis**
  - Open Access to Published Research Results
  - **Open Licensing & File Formats**
  - Collaborative Platforms
  - Open Peer Review, Metrics & Evaluation
  - Open Science Policies
  - Citizen Science
  - Open Advocacy
- Introduction
- **On Learning & Training**
- **Organizational Aspects**
- **Examples & Practical Guidance**
- Glossary
- References
- About the Authors & Facilitators

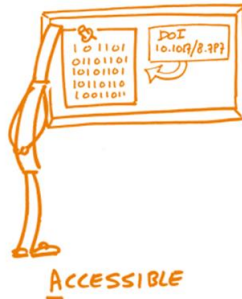
# Manual de Formação em Ciência Aberta

Versão do *Open Science Training Handbook* em português

- book sprint: 23 tradutores convidados; 3 revisores; 3 semanas
- primeiro rascunho disponível em: [https://github.com/Open-Science-Training-Handbook/Open-Science-Training-Handbook\\_PT](https://github.com/Open-Science-Training-Handbook/Open-Science-Training-Handbook_PT)
- Gitbook prestes a ser lançado

# Trainer's corner: Materiais para reutilizar

## FAIR DATA PRINCIPLES



- ✓ Apresentações padrão:
  - Why OS?
  - What is OS?
  - FOSTER Plus
- ✓ Autocolantes
- ✓ Canal do Youtube
- ✓ Ilustrações

<https://www.fosteropenscience.eu/trainers-materials>

5

Façam parte da nossa  
rede!

# Eventos e Formadores

## The FOSTER community

Explore the next events happening around the Open Research world



## Our trainers



Iñaki Teich



Heidi Seibold



Birgit Schmidt



Remedios Melero

## Upcoming events



Open Science CLINIQUE supporting CBS grant applicants

Lisa Viner, Claire, Marieke Eas, Ivo Grigorov  
CBS, Cambridge

01/11/2018 - 05/11/2018



Open Science Forum

Université de Luxembourg  
University of Luxembourg, Belval Campus

14/11/2018 - 15/11/2018



Nordic Open Science Conference 2018

Swedish Research Council  
City Conference Center, Rindögatan 12-14, Stockholm, Sweden

15/11/2018 - 16/11/2018



4th Fórum Gestão de Dados de Investigação / 4th Portuguese Research Data Management Forum

Universidade do Minho, Secretaria de Estado da Ciência, Tecnologia e Ensino Superior, FCT-FCN - Fundação para a Ciência e Tecnologia, Instituto Politécnico de Castelo Branco, Portugal

07/04/2019 - 08/04/2019



Open Science and Reproducible Research (EGU 2019 Session EOS3.2)

Nancy-Mamouth, Lorenzo Eggel, Bernadette Frisch, Ivo Grigorov, Daniel Vitor Viana, Austria

07/04/2019 - 08/04/2019

**4th Fórum Gestão de Dados de Investigação / 4th Portuguese Research Data Management Forum**

**FÓRUM GESTÃO DE DADOS DE INVESTIGAÇÃO**

On November 14th, the 4th Research Data Management Forum (GDI Forum) will be held at the Polytechnic Institute of Castelo Branco. It is a space for training and debate to share ideas, emerging initiatives, projects and good practices in support of data management research that seeks to bring together managers of digital repositories and data centers, information technicians, libraries, archives and data curators, computer scientists, researchers, data scientists and managers of science of research institutions and science funding agencies.

**Important dates:**  
-Submission deadline: June 11 to September 10

No próximo dia 16 de novembro, realiza-se o 4º Fórum de Gestão de Dados de Investigação (Fórum GDI), no Instituto Politécnico de Castelo Branco.

É um espaço de capacitação e debate para partilha de ideias, iniciativas emergentes, projetos e boas práticas de suporte à gestão de dados de investigação que procura juntar gestores de repositórios digitais e data centers, técnicos de informação, bibliotecários, arquivos e curadores de dados, especialistas de informática, investigadores, cientistas de dados e gestores de ciência de instituições de investigação e organismos de financiamento de ciência.

Este 4º Fórum GDI segue o modelo das edições anteriores, com um programa das 09h30 às 17h00 que prevê a presença de especialistas numa sessão temática, apresentações de projetos, iniciativas emergentes e boas práticas na sessão dedicada a flash talks e ainda o espaço para realização de workshops.

**Where**  
Instituto Politécnico de Castelo Branco Portugal

**Full details**  
Organizadores: Universidade do Minho, FCT-FCN - Fundação para a Ciência e Tecnologia  
Língua(s): Português, English

**Topics**  
[Icons representing various topics]

**Audience**  
[Icons representing audience groups: Librarians and Repository managers]

**FOSTER** About Resources Events Courses News Search for... Sign In Register

## Trainers directory

Are you planning an event in Open Science and looking for speakers? Take a look at the FOSTER Trainers Directory and find the right speaker for your event.

Filter on topic: [Open Access \(28\)](#) [Open Data \(20\)](#) [Open Science \(16\)](#) [Research Data Management \(13\)](#) [Open Metrics and Impact \(13\)](#) [Open Science Policies \(10\)](#) [34 more...](#)

Filter on audience: [Researchers and Students \(54\)](#) [Librarians and Repository managers \(35\)](#) [PHD Students \(28\)](#) [Policy makers and Funders \(27\)](#) [7 more...](#)

Filter on spoken language: [English \(81\)](#) [Catalan \(2\)](#) [French \(9\)](#) [German \(5\)](#) [Spanish \(5\)](#) [Polish \(1\)](#) [44](#) [Greek \(1\)](#) [3](#) [9 more...](#)

**Eloy Rodrigues**  
Languages: Portuguese (PT), English (EN), Spanish (ES)  
Topics of interest: [Open Science](#) | [Open Access](#) | [Open Data](#) | [Open Metrics and Impact](#) | [Intellectual Property Rights](#)  
Audience: [Librarians and Repository managers](#) | [Researchers and Students](#) | [PHD Students](#) | [Policy makers and Funders](#) | [Project Managers](#)

**Iryna Kuchma**  
Languages: English (EN)  
Topics of interest: [Open Metrics and Impact](#) | [Research Data Management](#) | [Open Access](#) | [Open Data](#) | [Open Science Policies](#)  
Audience: [Policy makers and Funders](#) | [Librarians and Repository managers](#) | [Researchers and Students](#) | [PHD Students](#)

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Audience: [Policy makers and Funders](#) | [Project Managers](#) | [Research Administration](#) | [PHD Students](#) | [Librarians and Repository managers](#)

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Topics of interest: [Open Access](#) | [Open Data](#) | [Open Science Policies](#) | [Intellectual Property Rights](#)  
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