



FOSTER and training on research data

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<http://fosteropenscience.eu>



1

FOSTER Project



Objectives 1 / 3

- Identifying already **existing contents that can be reused** in the context of the training activities and repackaging, reformatting them to be used within FOSTER, and develop/create/ enhance contents if/where they are needed;

Objectives 2/3

- Creation of the **FOSTER Portal** to support e-learning, blended learning, self-learning, dissemination of training materials/contents and Helpdesk;

Objectives 3/3

- Delivery of **face-to-face training**, especially **training trainers/multipliers** that can carry on further training and dissemination activities, within their institutions, countries or disciplinary communities.

Activities

- Identify and collect relevant content related to the open science, which can be reused in the portal e-learning and training activities;
- Creating a portal for e-learning, learning modules scalable;
- Training courses sponsored by FOSTER with special attention to those whose function is to train to trainers

2

FOSTER Contents

Open Science Contents on the Portal

Started with a Content Call to the community

Content types are:

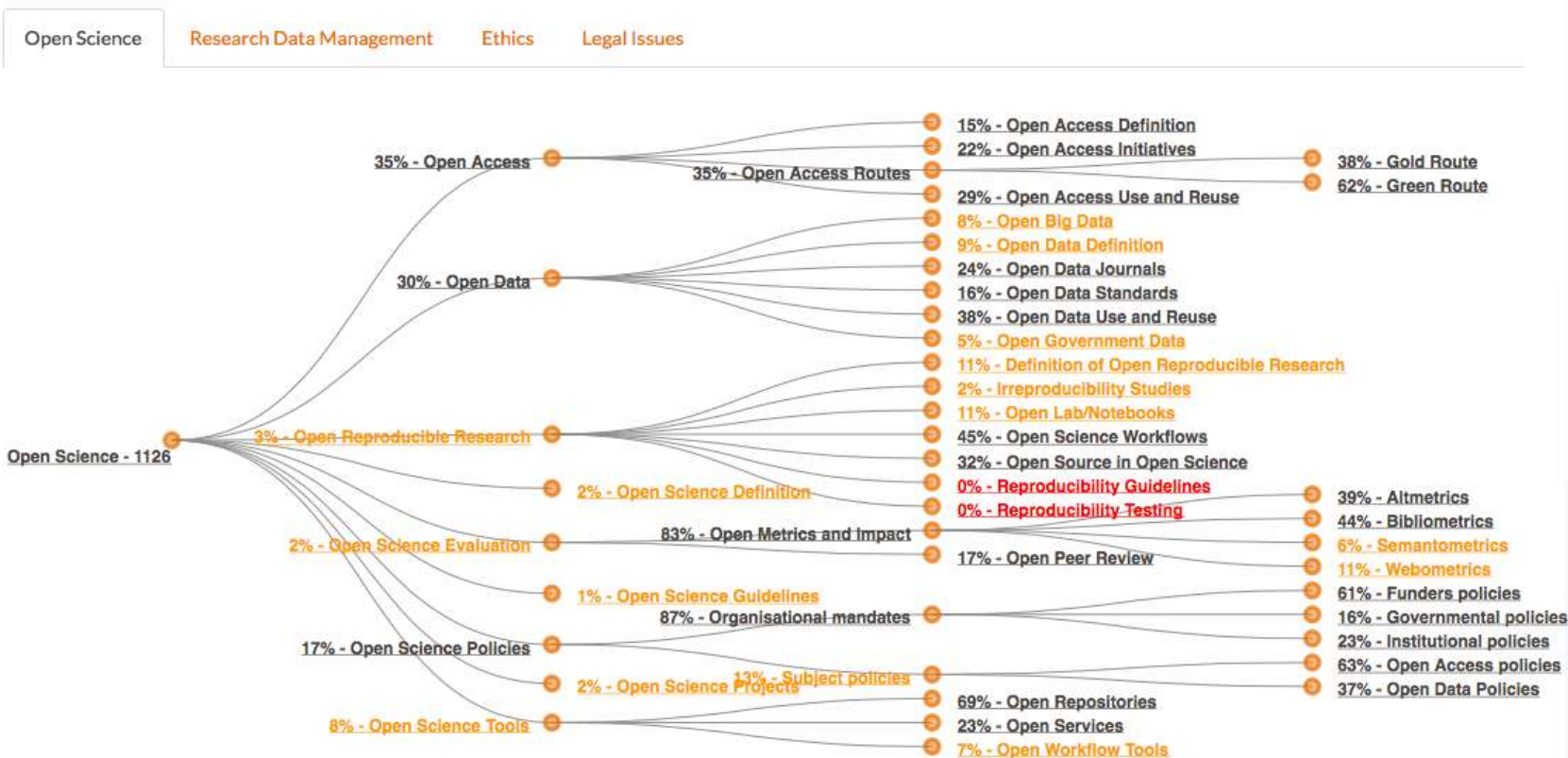
- Websites
- Presentations
- Videos
- Reports
- ...



User Upload

- Any user can upload their content
- Each object is organized by topic, language, licence, stakeholder,... And validated by FOSTER consortium.

Existing Content & Taxonomy



Research Data Contents



3

FOSTER Training Events

FOSTER Training

Two types of Training Events:

- Supported By FOSTER
 - With support of FOSTER Consortium (example: 1 FOSTER speaker, with FOSTER contents,...)
- Funded by FOSTER
 - 2 calls to fund event have been done in 2014 and 2015
 - Leftovers used to fund more training events in 2016

FOSTER Events



FOSTER Training Events

More than 40 initiatives have been funded with more than 100 events in 20 countries!



Support The Training Activities / Events

Some information has been developed to promote and help the creation of new training activities and events.

Speaker Directory - <https://goo.gl/sC5Oee>

Filter Speakers

-By Topic

-By Stakeholder

Select speakers by:

Topics: [Copyright and IPR](#) [Data Management](#) [Funder Compliance](#) [Impact and Metrics](#) [Open Access](#) [Open Data](#) [Open Science](#) [Policy development and implementation](#)

Audience: [Funders \(decision makers and staff\)](#) [Institutional decision makers and staff](#) [Librarians and repository managers](#) [Project Managers](#) [Researchers and postgraduate students](#)

[Back to speaker directory](#)



Joy Davidson

University of Glasgow

Languages: [English](#)

Country: [United Kingdom](#)



Categories: [Data Management](#) [Open Data](#) [Open Science](#) [Policy development and implementation](#)

Target groups: [Funders \(decision makers and staff\)](#) [Institutional decision makers and staff](#) [Librarians and repository managers](#) [Project Managers](#) [Researchers and postgraduate students](#)

Websites:

[Research Gate](#)

[Digital Curation Center](#)

[HATTII Research](#)

[Add to Address Book.](#)

Learning Objectives - <https://goo.gl/XAk00v>

TOPICS (following the Research Lifecycle)		CORE LEARNING ELEMENTS	LEARNING OBJECTIVES (as basis for a LEARNING PLAN)	STAKEHOLDER				
				Graduate Students	Researchers	Research Project Managers	Knowledge Managers & Librarians	Funding Agencies
Open Science	Open Science Definition	Define the concept of Open Science	Define relevance of OS tools to Reproducibility/Integrity of Research	o	o	o	o	o
			Identify OS tools for each step of the Research Lifecycle	o	o	o	o	
			Apply OS concepts to your daily research processes	o	o			
			Discuss OS & Reproducibility role in Innovation & Economic Growth		o	o	o	o
	Open Reproducible Research	Define relevance to Reproducibility	Identify OS tools for each step of the Research Lifecycle	o	o	o	o	
			Define relevance of OS tools to Reproducibility/Integrity of Research	o	o	o	o	o
		Justify Openness as a Reproducibility Tool	Apply OS concepts to your daily research processes	o	o			
			Discuss OS role in Peer-Review Process	o	o			
			Discuss OS & Reproducibility role in Innovation & Economic Growth		o	o	o	o
	Open Research Data (ORD)	Open Big Data	Define Open Big Data concept			o	o	o
			Identify services based on Open Big Data			o	o	o
		Open Data Definition	Define Open Data	o	o	o	o	o
			Demonstrate the advantages of Open Data	o	o	o	o	o
		Open Data Journals	Identify existing Open Data Journals	o	o		o	
			Prepare a publication for an Open Data Journal	o	o			
		Open Data Standards	Identify existing Open Data Standards	o	o	o	o	o
			Use Identifiers for archiving & citing research data	o	o	o	o	
		Open Data use and reuse	Understand of linked data	o	o	o	o	o
			Select & Use licences (e.g. CC) for datasets	o	o	o	o	
			Comply with Horizon2020 Open Research Data Pilot		o	o	o	

Learning Objectives

By choosing a topic by stakeholder, then the the objectives, the course creator needs just to define the learning activities to be done by learners.



Toolkit for Training - <https://goo.gl/9McXe6>

- Examples of training initiatives
- Examples of Learning Objectives
- Organized by Stakeholder

4

FOSTER e-Learning Training

FOSTER Training

Two types:

- **Moderated Courses**
 - Defined in time with a trainer or moderator. Usually with online sessions (webinars).
- **Self-Learning Courses**
 - Each person can take the course when they want and for the time they want.

Available Courses

Currently, a set of basic courses have been done, focus on open science, open access, open data and policies.

Some of them have been translated into Polish, Portuguese and Spanish.

Translated Courses



COURSE: Pilotaż otwartych danych badawczych w programie Horyzont 2020

Intended audience Project Managers, Researchers and Students, Policy makers and Funders, Librarians and Repository managers, Research Administration, PHD Students Level: Introductory: no previous knowledge is required

Cele kursu:

1. Poznanie wymagań zawartych w Pilotażu otwartych danych badawczych w programie Horyzont 2020;
2. Przybliżenie pojęć: otwarte dane, metadane, licencjonowanie, repozytoria ;
3. Wskazanie najważniejszych materiałów informacyjnych i serwisów, które pozwolą wypełnić zobowiązania;
4. Przeprowadzenie krótkich testów sprawdzających zrozumienie informacji.



COURSE: Acceso abierto a las publicaciones en el programa H2020

Intended audience Researchers and Students, Librarians and Repository managers, Project Managers Level: Intermediate: able to

El objetivo general de este curso es informar a los investigadores sobre cómo cumplir con el mandato del programa H2020 mediante el depósito de sus publicaciones en acceso abierto. La duración del curso es de 3 horas, y los objetivos del curso son:

- Comprender el contexto y el contenido del mandato del programa H2020.
- Saber cómo cumplir con el mandato de acceso abierto del H2020.
- Aprender a reutilizar las publicaciones depositadas del programa H2020.



COURSE: Acesso Aberto às Publicações Científicas do H2020

Intended audience Researchers and Students, Librarians and Repository managers, Project Managers Level: Intermediate: able to

Este curso tem como objetivo informar os investigadores sobre o cumprimento do mandato de Acesso Aberto do Horizonte 2020 depositando as suas publicações em Acesso Aberto.

Courses on Research Data

- Designing Successful Open Access and Open Data Policies: Introductory
- Designing Successful Open Access and Open Data Policies: Intermediate
- [The Horizon 2020 Open Research Data pilot](#)
- Open Access to publications in Horizon 2020

Research Data on FOSTER Project

- Strategic topic on the Open Science framework
- Open Access and Open Data Management as main topics on the training initiatives
- Still lot of advocacy / training to do
- Managing datasets is more complex than publications
- Data Curation Centre (DCC) as key partner on FOSTER

The content from these new courses should be uploaded on the Portal!

5

What's next?

The Future of FOSTER

The sustainability is focus on:

- The Partners
- The Community
- The existing Open Science organizations

What you can do?

- Upload Contents to the Portal
- Organize FOSTER initiatives
- Take existing Courses
- Translate Courses
- Create new Courses
- Reuse existing courses locally

Become a FOSTER Seeder!

Thanks!
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