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The Open Science training hub FOSTER Plus - new resources and courses

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Fostering the practical implementation of Open Science in Horizon 2020 and beyond

(May 2017 - April 2019)

VISION

Building upon the previous FOSTER project, support individual researchers and research performing organisations to move beyond simply being aware of them to being able to apply Open Science (OS) approaches in their daily workflows.



Facilitating Open Science Training in European Research

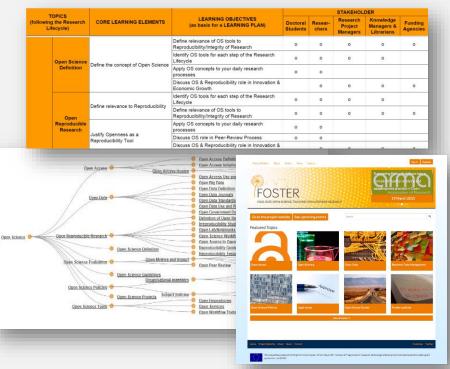
"Spread the seeds of Open Access and Open Science"



February 2014 to July 2016



2000+ Training materials, categorized in the FOSTER Portal Open Science Taxonomy Learning Objectives for Target Groups/Stakeholders



http://fosteropenscience.eu



online courses, totalling more

than 6300 participants

BY STAKEHOLDER

Librarians / Repository Managers

Policy-makers & Funders

PHD Students

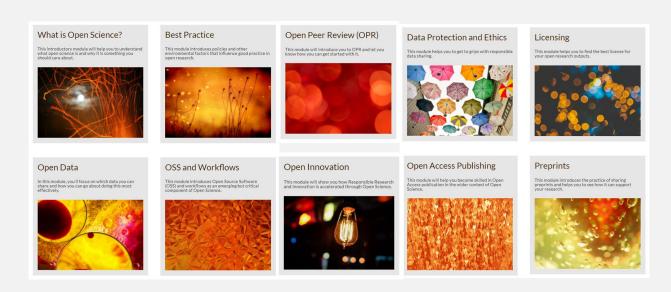
Our vision

FOSTER portal is becoming an **Open Science training** hub:

It provides training resources, infrastructure and trainer's materials to support people seeking to obtain knowledge or organize OS training in their own institutions, in order to build capacity for the practical implementation of OS and promote a change in culture.

1 If you need training

Open Science Toolkit



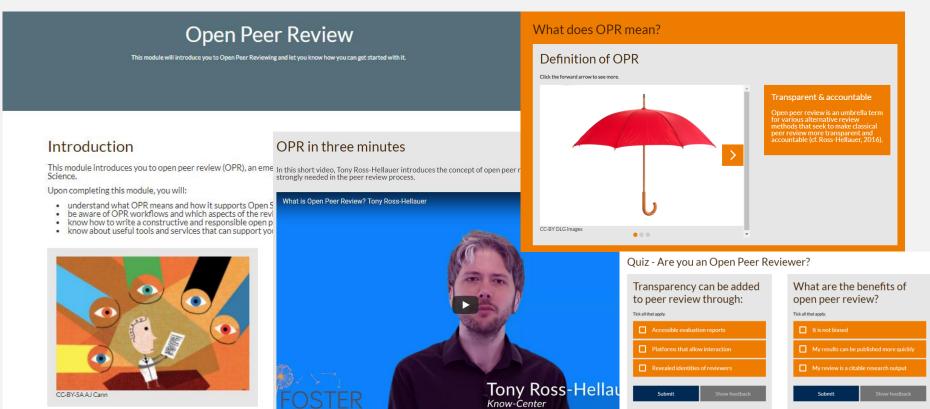
www.fosteropenscience.eu/toolkit

Toolkit design

Ten new OS online courses addressing key OS topics:

- Enables researchers to put OS into practice: provides focused, practical and discipline specific examples to answer some of the burning questions researchers may have.
- Interactive content: videos, graphics, additional readings.
- Assessment through quizzes.
- Badge upon completion.

Open Peer Review module example



Specialisation pathways

Each *learning path* is a combination of several courses that lead to a certain specialism

2-4 hours of content

- The reproducible research practitioner
- The responsible data sharer
- The Open Access Author
- The open peer reviewer
- The open innovator



For more information, see www.fosteropenscience.eu/learning-paths



The responsible data sharer

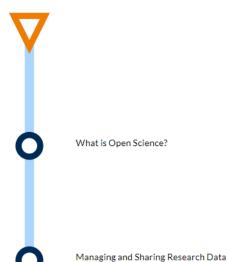
Sharing data is great but you need to know what data you can share, with whom you can share, when to share, and how best to share. This pathway will equip you with the knowledge you need to make informed decisions about sharing your data responsibly.

Effort: 3-4 hours

Level: intermediate and advanced

The learning path will be completed by finishing the following courses:

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



Learning Management System

Learning Management System (LMS) https://lms.fosteropenscience.eu/moodle/

infrastructure to conduct *elearning* courses (self-learning or moderated) courses and to upload or download materials for re-use.

- Possibility to incorporate toolkit courses as well as other resources
- Potencial reuse and reshaping of the courses.

2 If you want to organize training on your own

Open Science Training Handbook

- Book sprint: 1 week, 14 authors from 10 countries
- > 200 pages written in 5 days
- > Beta version available for comment for 15 days

















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

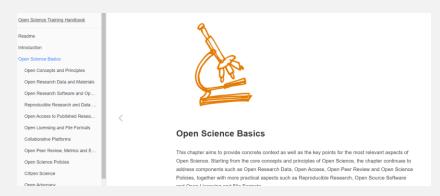


Open Science Training Handbook

- Available as GitBook and for download (PDF, epub, mobi)
- CC 0 licenced to maximize reuse
- Ongoing translations into Greek, Spanish and Portuguese

book.fosteropenscience.eu



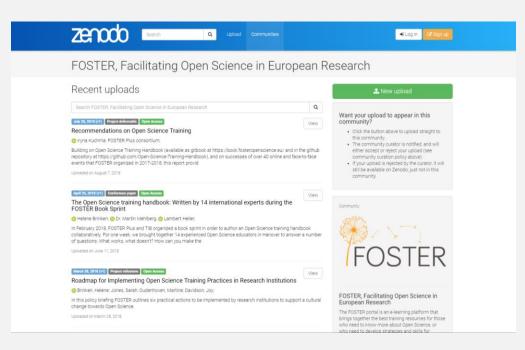




Recommendations for OS training

Good practice recommendations on OS training targeting researchers and multipliers train-the-trainers approaches for research support staff and librarians:

- A selection of open science topics to include in your training activities;
- Useful tips on how to plan based on outcomes rather than objectives;
- Overview of types of training based on the audience size, funds available, duration of training and training levels;
- Organizational task checklist;
- Exercises and glossary;



https://doi.org/10.5281/zenodo.1341023

Trainer's corner

Advocacy Toolkit

- Factsheet about project
- Poster template
- Standard presentations
 - Why OS?, What is OS?, FOSTER Plus
- Advocacy stickers & moo cards
- **Videos**
- Reusable illustrations

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



















3 Join our network!

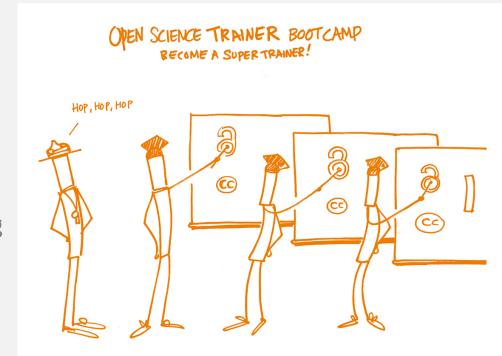
OS Trainer Bootcamp

32 participants from 16 countries (57 applications)

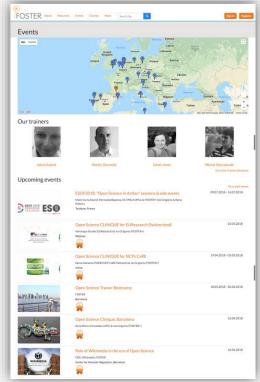
40% researchers, 60% project managers, librarians, research support staff, funders

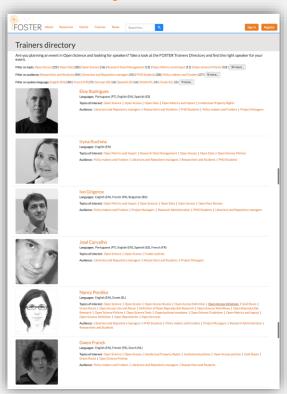
From astronomy & bioinformatics to humanities & information science.

Every participant will deliver training event(s) from May 2018 to May 2019



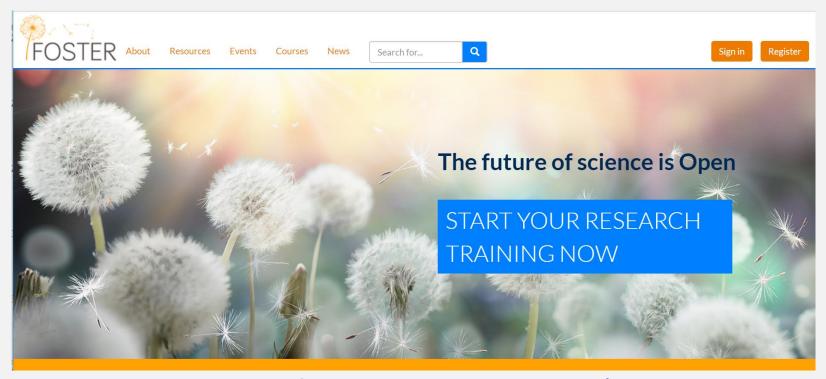
Events and Trainers Directory







Get involved...



www.fosteropenscience.eu/