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Facilitate Open Science Training for European Research

Why Open Science?

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Open Science Implementation – is it a wrap rage?
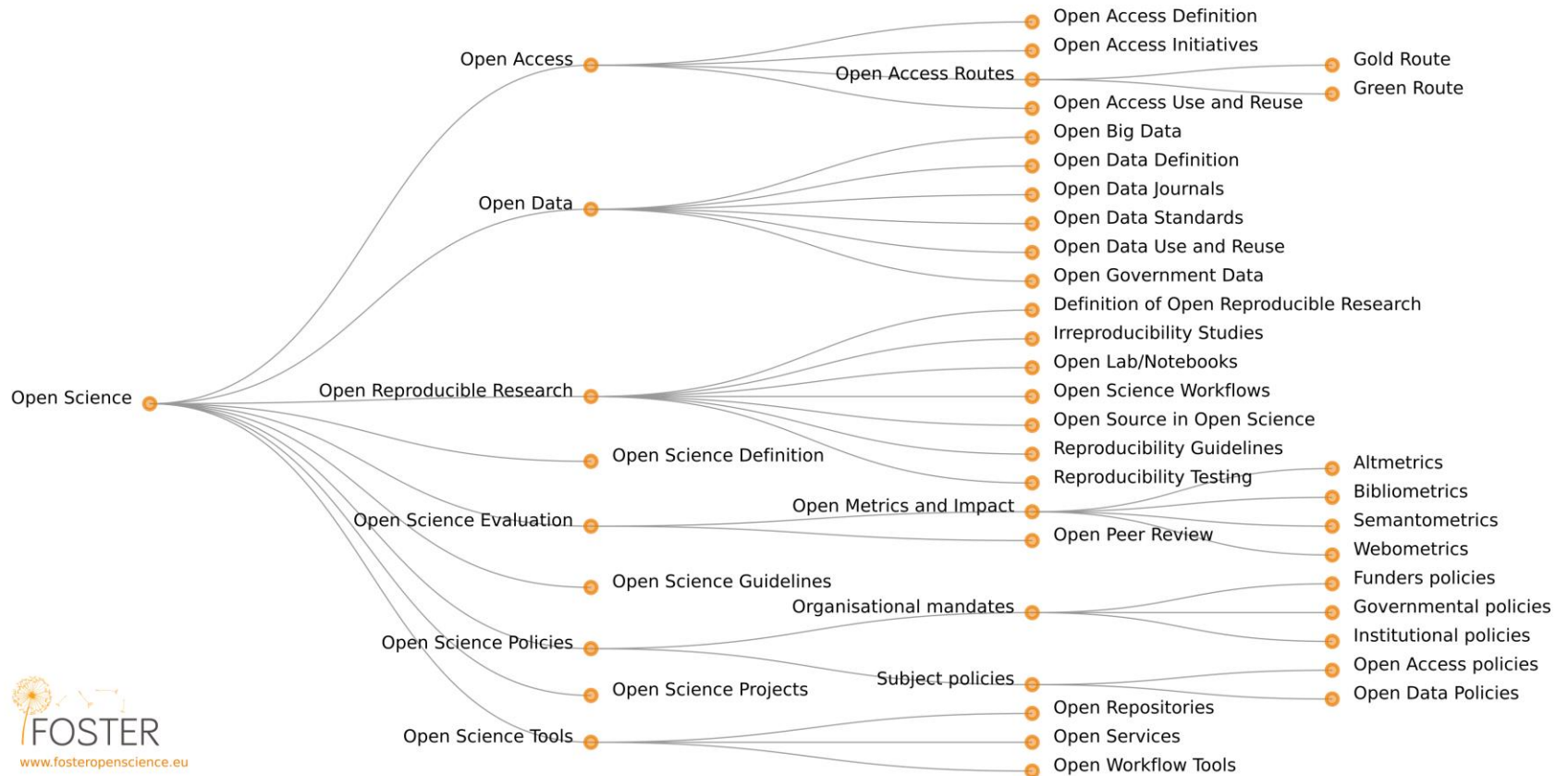
Why a course on "Open Science"

- Open Science as a term is widely used but difficult to apply
  - Many components in the OS definition

  - Information regarding components not yet available

  - Some components not fully understandable or developed yet

  - Gaps in best practices, workflows, software, techniques

  - Training the trainers necessary to achieve its widespread adoption

  - Need to shift research practices and how to better proceed with this transition

  - How to assist fields who have taken the first steps towards Open Science and support fields reluctant to experiment

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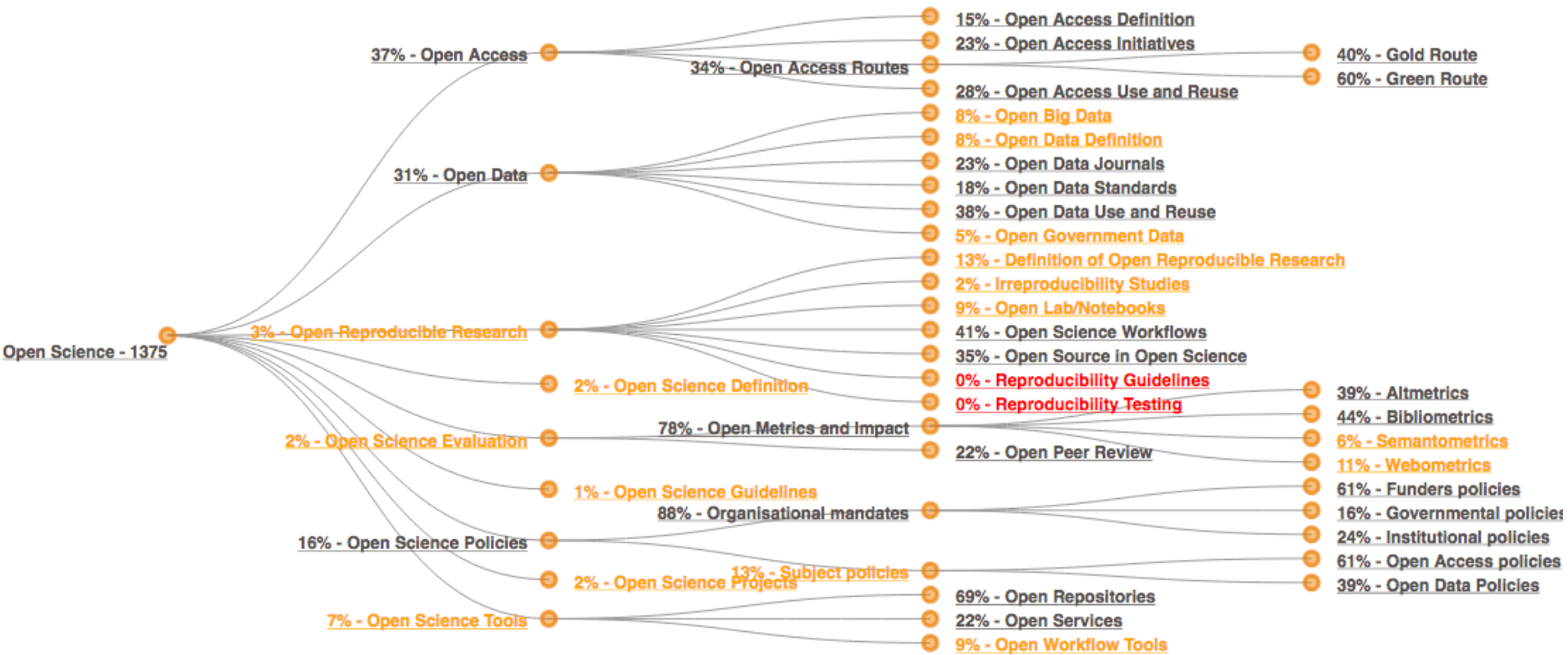# Open Science taxonomy

Open Science Taxonomy

Purpose of the taxonomy

- Features for navigation and browsing

- Users subscribe and receive updates

- Allows connections between content files

- Provides a recommendation system in the platform

- Maps the field with a visual layout of the OS components

- Shows gaps in the field where attention is required

- Ensures that the platform covers OS related topics

- Assists with the helpdesk request

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Open Science taxonomy with percentages

FOSTER portal: Courses

Making your Repository or Open Access Journal OpenAIRE compatible with OA Horizon 2020 requirements

Open Access to publications in Horizon 2020

Open Science to Scientific Research

...o comply ...n access.

The following course is a general introduction to the various components and philosophies of Open Science, that can directly enrich each step of the scholarly lifecycle (Open Notebook Science, OpenData, Open Research Software, Open Access). The overall objective of the course is to provide an introduction to why Open Science is essential to rigorous, reproducible and transparent research, as well as to future research evaluation criteria focused on societal impact.

Open Science is the practice of science in such a way that others can collaborate

Full details

Level of knowledge: Introductory - no previous knowledge is required

Topics

Open Science   Open Access   Open Data

FOSTER portal courses: details

- Available on the FOSTER platform
  https://www.fosteropenscience.eu/

- Currently 16 courses available in 3 languages (English, Spanish, Polish)

- So far the FOSTER courses were taken by 1700 learners

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Why an eLearning platform?

- Technology allows online knowledge sharing
- Adoption of educational and learning methods
- Open Educational Resources (OERs)
- Massive Open Online Courses (MOOCs)
- Combination of learning activities
- Reaching globaly a wide number of learners

Currently Open Science is mainly taught face to face – now an elearning course using material with open licenses and attracting participants from all over the world is being implemented.

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The course: Introduction to Open Science

- Learning outcomes
- Level of previous knowledge
- Targeted audience
- Online material with re-usable/open licenses
- Videos, readings, quizzes, certificate
- Self-paced for the time being
- Forum where learners can post questions

Direct link to the course https://www.fosteropenscience.eu/content/open-science-scientific-research

Propose and build you own course

- Create an account at the FOSTER portal
  - It is a free and easy procedure

- Send us an email with a short course proposal
  - elearning@fosteropenscience.eu

- Team of experts will review your proposal

- Interested to know what entails to build a course?
  - Course on Courses
    https://www.fosteropenscience.eu/content/foster-course-course-creation

- Translate an existing course in an other language

Thank you!

Website

www.fosteropenscience.eu

Take Courses

https://www.fosteropenscience.eu/courses

Create Courses

https://www.fosteropenscience.eu/coursecreation

Contact email:

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