Skilĺs 4 eosc

- Skills for the European
- Open Science
- Commons

Meeting different stakeholders' needs for FAIR data training

Emma Lazzeri, GARR

iD orcid.org/0000-0003-0506-046X

"We need an enabling business environment, a **workforce with the right skills** […]"

2022 State of the Union Address by President von der Leyen, 14 September 2022, Strasbourg

Press release | 12 October 2022 | Brussels

Commission kick-starts work on the European Year of Skills

Page contents

- Top
- Related media
- Print friendly pdf
- Press contact

Following the announcement by President Ursula **von der Leyen** in her 2022 State of the Union address, the Commission has adopted today its proposal to make 2023 the European Year of Skills.

The green and digital transitions are opening up new opportunities for people and the EU economy. Having the relevant skills empowers people to successfully navigate labour market changes and to fully engage in society and democracy. This will ensure that nobody is left behind and the economic recovery as well as the green and digital transitions are socially fair and just. A workforce with the skills that are in

We need skills to put FAIR into practice!

Meeting the stakeholders' needs

Open Science @_open_science_

What do you think is the biggest barrier regarding the adoption of open science practices?

Traduci il Tweet

10:00 PM · 18 set 2022 · Twitter Web App

10 Retweet   4 Tweet di citazione   20 Mi piace

Dr. Adam L. Mahood 🌻 @adm0n · 19 set
In risposta a @_open_science_
Lack of training/know how. It seems like a lot of people know what they need to know to get the analysis done, but not how to have reproducible and legible scripts in their GitHub repo, set up a doi, find a data repository, etc

💬   🔁 1   ❤ 5   ⬆

V. Protonotarios @vprot · 18 set
In risposta a @_open_science_
Potential key stakeholders are not adequately informed about the benefits of open science

💬   🔁 2   ❤ 5   ⬆

Marcel Swart @Marcel_Swart · 18 set
In risposta a @_open_science_ e @AcademicChatter
Money for APCs.
Laziness and ignorance.

💬   🔁   ♡ 2   ⬆

Dr Cody Porter @Cody_N_Porter · 19 set
In risposta a @_open_science_ e @AcademicChatter
How expensive they are. Academics should not be paying to publish their work

💬   🔁   ♡ 9   ⬆

https://twitter.com/_open_science_/status/1571589893595463682?t=dK7ApIFOVp7ACFTXxeBXAA&s=08

< name & contact - other presentation info>

Supporting an EOSC-ready digitally skilled workforce:

Researchers can transform how they carry out research and exploit research outputs, leading to better quality and contributing to the Horizon Europe EOSC Partnership.
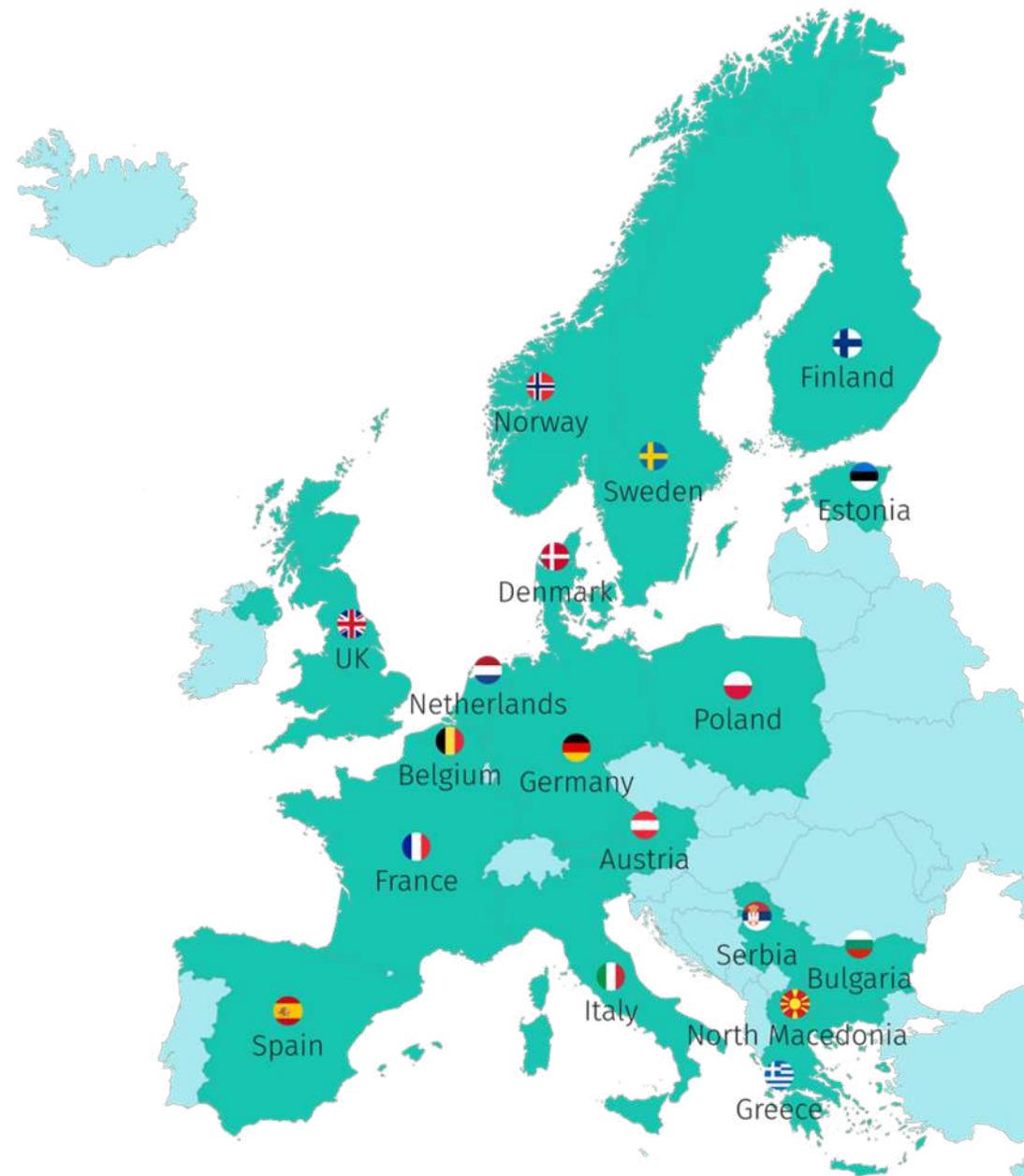
Horizon Europe call INFRA 2021 EOSC01-01

44 **Participants**, 18 **Countries**

"**Key doers**" in Open Science in their Country/Region/Domain

2 ESFRI Research Infrastructures

7 millions €

Filling the gaps

- Lack of Open Science and data expertise,

- Lack of a clear definition of data professional profiles and corresponding career paths, and

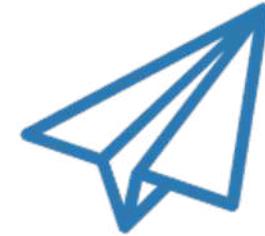- Fragmentation in training resources.

FAIR and Open Science also means

Making science and its results accessible

to different actors
(policy makers, civil
servants, citisens,
private sector, ….)

**using adequate
language**
(mother tongues,
differentiating
messages, …)

using the right mean
(social, dedicated
events, blog, reports,
interviews, ….)

Keeping in mind

Responsible Research and Innovation

Scientific research and technological development processes that take into account effects and potential impacts on the environment and society
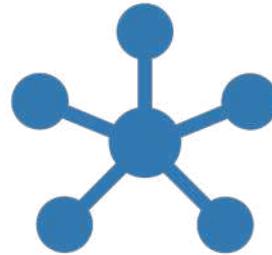
Science for policy

Increase the impact of research results on policy and society at large

How?

● **Propose**

A FAIR-by-design methodology for open science teaching and learning

● **Coordinate**

Network of Competence Centers on Open Science and FAIR Data

● **Enable**

Raise competences for an EOSC-skilled European workforce

Key Concepts

Minimum viable skillset

Train of Trainers

FAIR-by-design learning materials

Harmonise curricula and learning paths

Lifelong learning through professional networks

Competence Centre Network

Developing paths for different targets…

Science for policy: honest brokers, civil servants, policy makers

Institutions: undergraduate, PhD, data stewards and professionists, including data librarian and curators, legal and ethical experts

Research Infrastructures and **thematic communities**: designing training with and for researchers and professionists

Professional networks: lifelong learning through peer networks

Photo by Majestic Lukas on Unsplash

… with specific needs

Science for policy: need to inform through evidence, understand the needs of policy makers, consider ethical issues at the science for policy interface

Institutions: need to count on adequate skilled professionists, not only researchers but data experts and support staff, need to train undergraduates and scientists at different career levels

Research Infrastructures and **thematic communities**: need to tailor training on specific needs to embed FAIR principles in the research workflow

Professional networks: need to be empowered to put into practice lifelong learning through the learn by doing and best practice sharing

Skills 4 eosc

- Skills for the European
- Open Science
- Commons

Thank you!
Questions?

emma.lazzeri@garr.it
info@skills4eosc.eu

Links and references

- 2022 State of the Union Address by President von der Leyen, 14 September 2022, Strasbourg, https://ec.europa.eu/commission/presscorner/detail/en/speech_22_5493
- Commission kick-starts work on the European Year of Skills, 12 October 2022, https://ec.europa.eu/commission/presscorner/detail/en/ip_22_6086
- Skills4EOSC in CORDIS, https://cordis.europa.eu/project/id/101058527