

Skills 4 eosoc

- Skills for the European
- Open Science
- Commons

Meeting different stakeholders' needs

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Supporting

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“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

Commission kick-starts work on the European Year of Skills

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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

 **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. 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 

 **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

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

Skills 4 eosc



44 Participants, 18 Countries



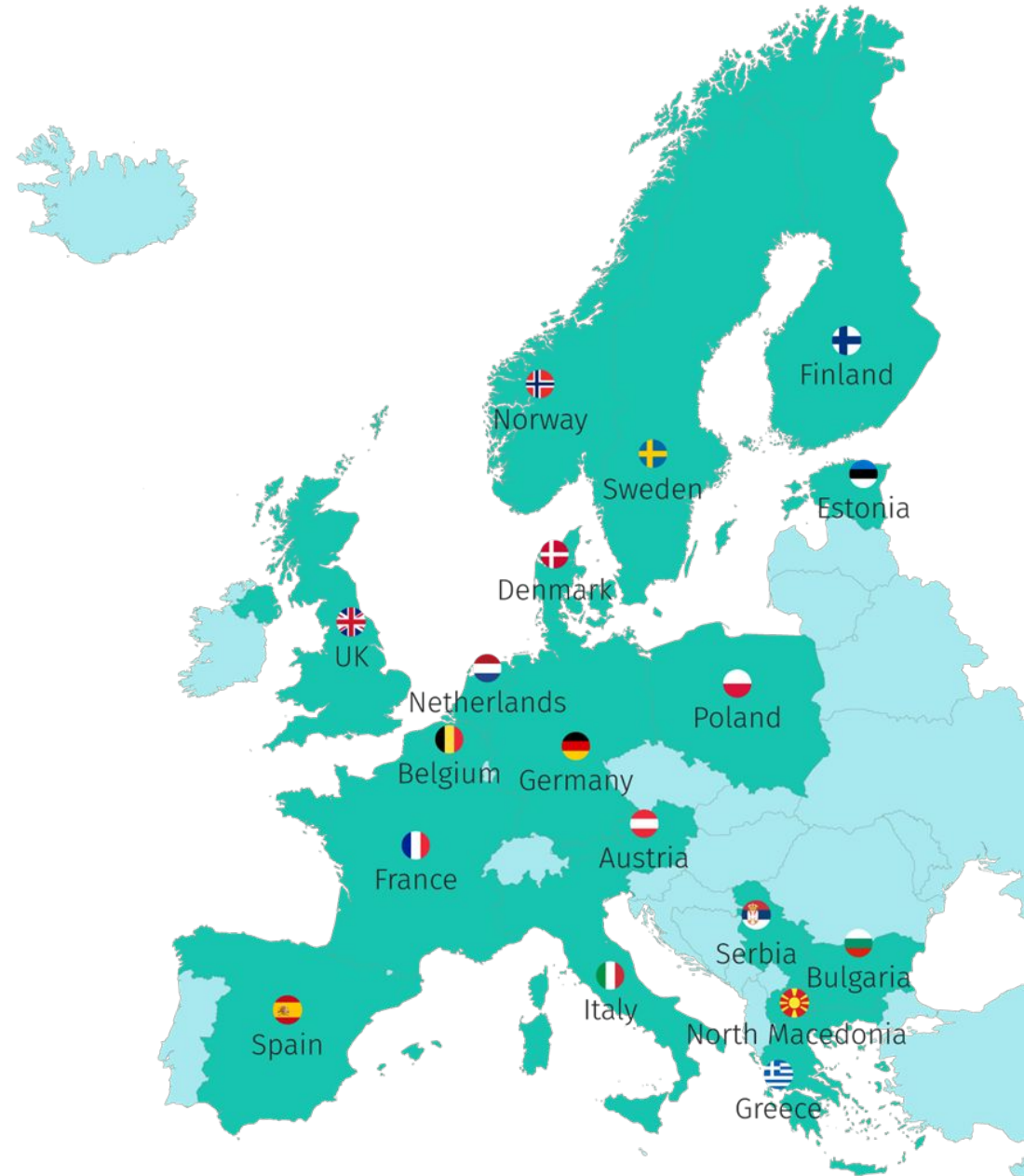
“Key doers” in Open Science in
their Country/Region/Domain



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.



Photo by [Randy Laybourne](#) on [Unsplash](#)



FAIR and Open Science also means

Making science and its results accessible



to different actors
(policy makers, civil servants, citizens, 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

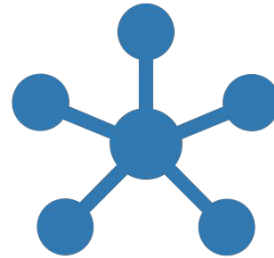
Increase the impact of research results on policy and society at large

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

need to:

- inform through evidence,
- understand the needs of policy makers,
- consider ethical issues at the science for policy interface

Institutions



- undergraduate,
- PhD, researchers
- data stewards and professionals, including data librarian and curators, legal and ethical experts

need to:

- count on adequate skilled professionals,
- data experts and support staff,
- train undergraduates and scientists at different career levels

Professional Networks



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

Research Infrastructures and thematic communities



- Research Infrastructure professionals,
- Researchers belonging to specific communities

need to:

- Acquire specific OS and RDM skills
- Tailor training on specific needs to embed FAIR principles in the research workflow

www.menti.com

4395 8135



Have
your say!

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Thank you! Questions?

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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>

