Skills4EOSC: Skills for the European Open Science Commons

Emma Lazzeri, GARR

orcid.org/0000-0003-0506-046X
emma.lazzeri@garr.it
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
Meeting the stakeholders’ needs

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

- 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.

https://twitter.com/_open_science_/status/1571589893595463682?t=dK7ApIFOVp7ACFTXxeBXAA&s=08
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
Skills4EOSC Main Objective

Advance Open Science skills by unifying the current training landscape into a common and trusted pan-European ecosystem, closing the three gaps identified in the EOSC Strategic Research and Innovation Agenda in relation to Open Science competences:

• 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.
The Consortium

- 44 Participants, 18 Countries
- “Key doers” in Open Science in their Country/Region/Domain
- 2 ESFRI Research Infrastructures
- GARR is the coordinator
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
Points of strenght

- familiarity with the context of applying open science skills development in Member States,
- knowledge of local and regional programmes and
- contacts with key decision makers which allow influencing the status quo at these levels.
Methodology

WP3 OS training for evidence-based policy and public administration

WP4 Curricula and learning paths for Open Science ready institutions

WP5 OS skills for RIs and thematic communities

WP6 Professional Networks for lifelong learning

WP7 - European Competence Centres and user support networks

WP8 - Synergies, stakeholder engagement, advocacy and communications
Train of trainers, designing, testing
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
Engage and align

• **Alignment** with national and international funders, policy makers and national open science programmes,
• **Engagement** of key stakeholders on the European level
We are open...to collaboration!

Collaborative Environment
Collaboration is key also with organization outside the consortium: we are supporting the EOSC together!

Best practice exchange
Learn from your peers, apply and adapt others approach and strategy

Train of Trainers to upskill Competence Centres
Also for organisations and individuals outside the Consortium

Consortium variety
Different level of engagement and maturity, diversity of stakeholder representation
Thank you!
Questions?

Emma Lazzeri - emma.lazzeri@garr.it
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