

Skills
4 eosC

- Skills for the European
- Open Science
- Commons

Skills4EOSC: Skills for the European Open Science Commons

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Meeting Open Science and the EOSC Landscape: the project Skills4EOSC |
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I will speak about:

- Who we are
- ICDI and its Competence Centre
- Skills4EOSC project
- How you can join



Who we are

- GARR is the ultra-broadband network dedicated to the Italian research and education community
- At the **National level** animates **ICDI**, the Italian-mandated organization in the EOSC A
 - one of the four founding member of the EOSC Association
 - 22 members + Ministry of Research
 - manages a Competence Centre on Open and FAIR science
- At the **European level** coordinated EOSC Pillar (2019- 2022) and currently is the coordinator of **Skills4EOSC project**



ICDI Competence Centre



Training



Guidelines and best practices



Support and advice



Making available various services and tools based on the emerging needs of the community



Management and editing of the ICDI-CC resource catalogue.

DMP,
Strategies,
...

7 Courses delivered since 2021

Community designed approach

Specific for career level

RIs involved in design and delivery

600+ researchers trained

Open Science Café series

2600+ participants in 22 events



Skills4EOSC

‘Skills for the European Open Science commons: creating a training ecosystem for Open and FAIR science’

It aims at closing the three gaps identified in the EOSC Strategic Research and Innovation Agenda in relation to Open Science competencies:

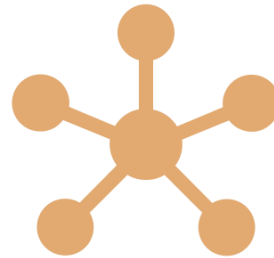
- lack of Open Science and data expertise,
- lack of a clear definition of data professional profiles and corresponding career paths, and
- fragmentation in training resources.

How?



● Propose

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



● Coordinate

Network of Competence Centres on Open Science and FAIR Data



● Enable

Key competences for an EOSC-skilled European workforce



Skills4EOSC Competence Centre

Skills4EOSC CC represent a **single point of reference** in a specific Country/Region/Theme to find key **competencies** to enable the practice of **Open Science** with adequate knowledge of standards, applications and tools and best practices for delivering, managing, re-using, sharing and analysing **FAIR** data, as well as other digital research objects.

Competences



People and Institutions



Services



Resources



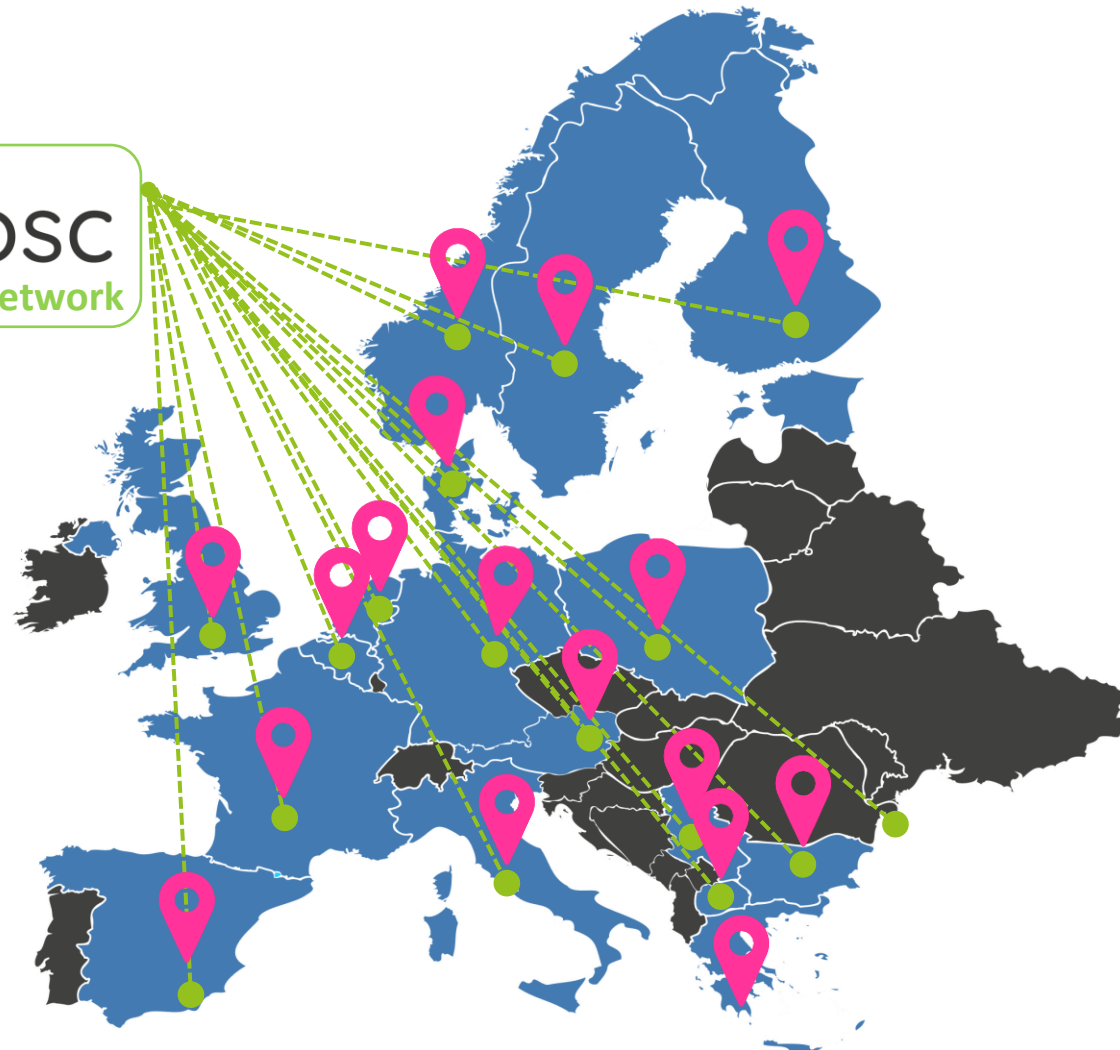
Operational Tools



Skills4EOSC Competence Centre Network

- Skills4EOSC aims at building a Coordination Network of Competence Centres for Open Science, FAIR and EOSC in Europe (CCNet).
- The Skills4EOSC CCNet will be based on a lightweight mechanism to align and coordinate the network nodes.
- The nodes are the Skills4EOSC Competence Centres (CCs).

Skills4EOSC
Competence Center Network



Competencies Definition



Skills4EOSC will define a minimum set of competencies for **each target** in the **Minimum Viable Skillset**

MVS structure and first role draft (policy maker) already published, complete roles due to end of May 2023

Design learning paths & material



Through the **FAIR by design methodology, learning materials** for Training of Trainer programmes will be developed for various targets

FAIR by design learning material methodology published for community feedback

Training of Trainers delivery



Training of Trainers will be delivered to a group of **Master Trainer** to multiply the specific competencies inside the Skills4EOSC Consortium.

Training of Trainers to start in second half of 2024



How can you join?



Through the Austrian Competence Centre,
you could become the first external
Skills4EOSC Competence Centre

You will have early access to all project
resources and participate in all ToTs

Become a best practice in the EOSC
community!



European CCs landscape results

European CCs Landscape



Milestone document

<https://zenodo.org/record/7876465#.ZF3m25FBzmg>

Skills4EOOSC CCs Registry (v.1.0)



<https://www.skills4eosc.eu/network/competence-centres/>

Scope: Gap Analysis (on going)

- Collection of results:
https://docs.google.com/spreadsheets/d/1_RkHfQkQoEiag6yRDP7aYph9U31hJPGXR4MoX0iSiKw/edit#gid=0
- competences (e.g., Knowledge management, Knowledge of OS practices)
- role profiles (e.g., Research roles, Data stewardship core roles)
- user support activities needed for open and data-intensive science (e.g., workflows of integrating data, AI solutions on providing FAIR data)

Enlist Master Trainer!

We need several
Master Trainers from
each Country/Region

We will open our
Training of Trainers
also for those outside
the project consortium



Training of trainers programme

- Science 4 Policy (Methods, Tools, Communication skills, Impact)
- Principles of OS (Open Access Publishing & Reproducibility, Open Datasets, Open Source Software and Workflows, Open science infrastructures, Open educational resources)
- Training techniques
- Managerial and Legal (Managing and sharing research data (DMP), Data Management Plan, Licenses, IPR, GDPR)
- OS for evidence-based policy and public administration (OS for Public Administration, OS for Policy Making, Evidence-Based Decision Making, Trainees' Profiles)
- Starting a Data Steward Network
- Setting up and managing an Open Science Community
- Ethics and RRI



Participate in co-creation actions

We are willing to receive your feedback and contribution to our latest outputs!

Check our website:

<https://www.skills4eosc.eu/participate/materials-for-community-review>

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Thank you! Questions?

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