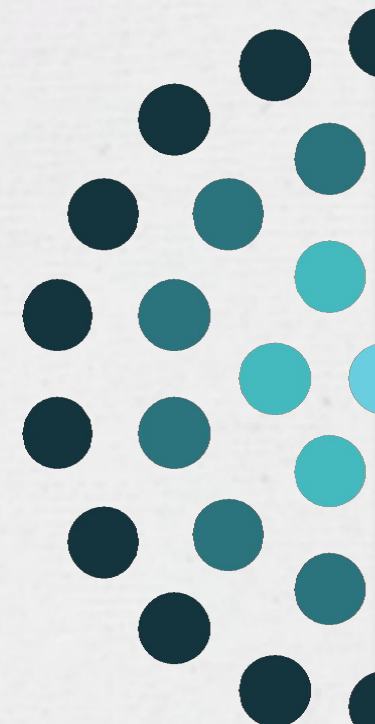


OS & EOSC INTRODUCTION AND SKILLS LANDSCAPE



FIRST WINTER SCHOOL 2025
Bankya
04-07 February 2025

SARA DI GIORGIO
GARR, Skills4EOSC Coordinator

A



SOFIA UNIVERSITY
ST. KLIMENT OHRIDSKI

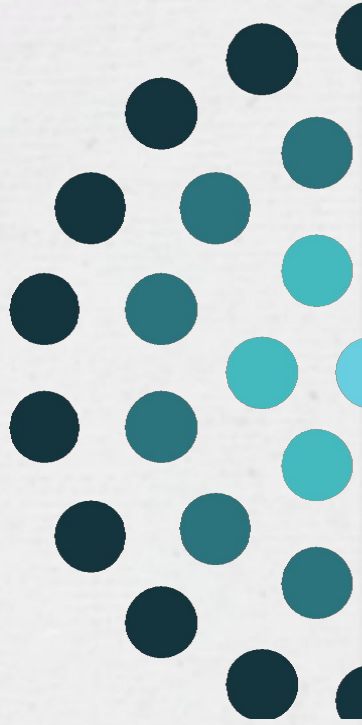


Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the REA. Neither the European Union nor the granting authority can be held responsible for them.



**Funded by
the European Union**

EOSC and Open Science: the European way for the digital transformation of research





REINFORCING

EOSC and Open Science, for the digital transformation of research

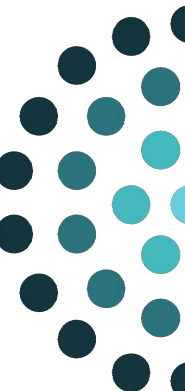
An effective **policy process** to mobilise, align and scale resources and engagement across Europe towards accelerating open science, higher quality, productivity and reproducibility in research.

An **open and trusted federation of collaborative, autonomous infrastructures** applying agreed, consensus-based policies and rules of participation, combined into a system of systems to enable researchers in Europe to store, share, process, analyse, and reuse research digital objects (e.g. data, publications and software).

European Research Area (ERA) Policy Agenda - Priority Action 1:

Enable the open sharing of knowledge and the re-use of research outputs, including through the development of the European Open Science Cloud (EOSC).

EU Strategy for Data: EOSC is the basis for a science, research and innovation data space that will be connected and fully articulated with the sectoral data spaces



EOSC vision in a nutshell

What

EOSC is the European web of FAIR data and related services for research

Research data that is easy to find, access, interoperate and reuse (FAIR)
Trusted and sustainable research outputs are available within and across scientific disciplines

Why

Unlock the full potential of research data to accelerate discoveries and innovation

How

- **Ensure that Open Science practices and skills are rewarded and taught, becoming the 'new normal'**
- **Enable the definition of standards, and the development of tools and services, to allow researchers to find, access, reuse and combine results**
- **Establish a sustainable and federated infrastructure enabling open sharing of scientific results**

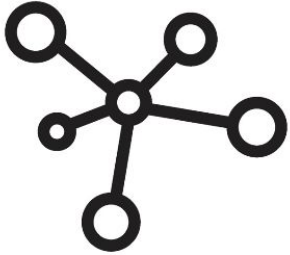
Strategic
Research and
Innovation
agenda (SRIA)
eosc.eu/sria-mar



https://eosc.eu/wp-content/uploads/2023/08/EOSC-A_GA6_EOSC-slide-deck-May-2023.pdf

eosc From vision to implementation: “the EOSC federation”

The EOSC vision is to set up a ‘Web of FAIR Data and Services’ for science in Europe. Central to this ambition is the deployment of a trusted, virtual, federation of existing infrastructures in Europe to store, share and reuse FAIR research outputs across borders and scientific disciplines also called the “EOSC Federation”.



- EOSC is **NOT** a new digital infrastructure
- The EOSC ambition is to **federate existing data, research and e- infrastructures** nodes to make them all **available to European researchers across borders and across disciplines** (distributed EOSC ‘system of systems’)
- In doing so, **the federation will be augmented with new additional services and tools** that will enable the EU web of FAIR data and related services (EOSC can be seen as a thin federation layer based on FAIR principles)
- The federation will provide **coordinated entry points primarily for researchers in Europe (the so called “nodes”)** to find and access FAIR data and interoperable services that address elements of the whole research cycle (from discovery and mining to storage, management, analysis, publication, and re-use)
- **The entry points for EU researchers will be via their traditional channels** (e.g. via the national, regional, pan-European or thematic infrastructure nodes they are currently using) **or via the EU EOSC node central instance** (for the researchers that do not have existing access channels in place)
- **EOSC rules of participation and access policies** will be developed for the users and providers of the federation



https://eosc.eu/wp-content/uploads/2023/08/EOSC-A_GA6_EOSC-slide-deck-May-2023.pdf

eosc Who is EOSC for?

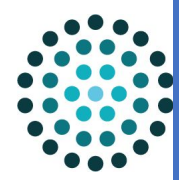
EOSC aims to support all European researchers

How?

- **Enhancing scientific research** by providing access to a wealth of data and research outputs from various fields and institutions
- **Fostering innovation** by making it easier for researchers to share, collaborate and build on each other's work
- **Improving transparency and reproducibility of research** by making data and methods more open and accessible
- **Reducing data silos and duplication of efforts** by promoting data sharing and reuse
- **Facilitating interdisciplinarity research and cross-sectoral collaboration** by making data and resources from different domains more easily available



Individual researchers will benefit from EOSC through their existing channels (e.g. universities, research institutes, research infrastructures, associations, science clusters, etc.) that will act as intermediaries.



REINFORCING EOSC EU Node

The **EOSC EU Node** was officially launched at the EOSC Symposium 2024.

It's a collaborative environment built on **FAIR principles**, promoting transparency and accessibility with **Open Science** at its core, supporting **multidisciplinary** and **multinational** research and offering integrated storage and computing capabilities to meet all data needs.



[Log in](#)

European Open Science Cloud - EU Node

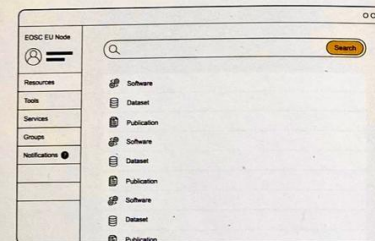
[Home](#) | [About](#) | [Services](#) | [Resource Hub](#) | [Support](#) | [Contributors](#) | [News & Events](#) | [User Space](#)

Welcome to EOSC EU Node

Discover and use valuable research outputs, services and tools to support and advance your data-driven research.

[Watch the video](#)

Unlock the power of EOSC EU Node



Discover and Use

Access millions of scientific publications, data, and software.

Find and Access

Tap into services and tools from top research infrastructures, tech providers, and scientific clusters.

Utilise Resources

Enjoy free compute, storage, and interactive collaboration tools.

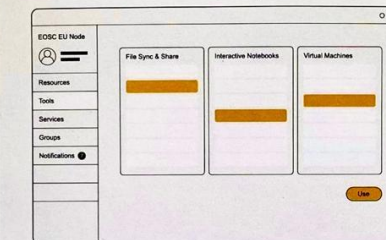
Collaborate Easily

Create teams and practice Open Science effortlessly.

Access Seamlessly

Connect effortlessly with your institutional credentials.

Data Management



File Sync & Share

Enable automatic file syncing and secure sharing across locations and teams.

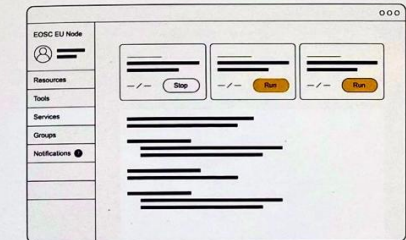
Interactive Notebooks

Create and share documents with real-time code execution.

Large File Transfer

Streamline large file transfers online with added security and integrity.

Cloud Computing



Virtual Machines

Design and conduct experiments with flexibility while ensuring reproducibility.

Cloud Container Platform

Deploy cloud-native containerised applications that can easily scale.

Bulk Data Transfer

Move data effortlessly to data-intensive execution environments.

Explore at:
open-science-cloud.ec.europa.eu

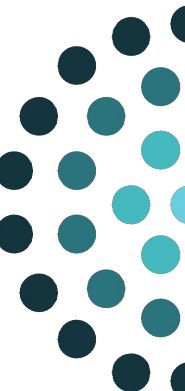
Build-up phase of the EOSC Federation

The EOSC Federation **will consist of multiple EOSC Nodes** that are interconnected and can collaborate to share and manage scientific data, knowledge, and resources within and across thematic and geographical research communities.

The **EOSC Nodes will be entry points for users to the EOSC Federation**, with each node offering its own and possibly third-party services, including data reposing and accessing services.

As the decision-making body for EOSC, **the EOSC Tripartite Governance oversees the structure, governance and operations of the EOSC Federation.**

More info on the [EOSC website](#).



eosc EOSC is not just about technical implementation



- The establishment of EOSC is not only a technical implementation issue
- There are at least six other crucial areas for its success
 - Governance
 - Financing
 - Policies and Regulations
 - Stakeholder Engagement & Adoption
 - Monitoring

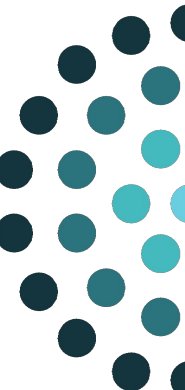


The EOSC Federation Handbook

The EOSC Federation Handbook describes the **purpose, structure, governance, architecture** and operations of the EOSC Federation.

The Tripartite Group has endorsed EOSC-A to lead the **community-wide co-creation** of the EOSC Federation Handbook.

The EOSC Federation Handbook is being written collaboratively with open consultations, meetings, events and sprints.





Enrollment of EOSC Nodes

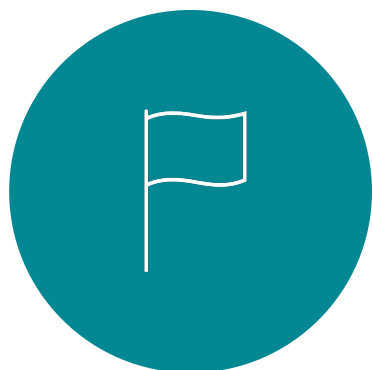
The **Tripartite Group** is working to identify and enroll candidate EOSC Nodes into the EOSC Federation. The Tripartite Governance agrees that this effort needs to be steered to ensure the coherent, sustainable and steady growth of the EOSC Federation.

A **questionnaire** was run by the Tripartite Governance over summer 2024 to gauge the scale and scope of interest in and readiness for the build-up phase of the EOSC Federation. Replying to the questionnaire was a first step in establishing the interest of parties to contribute to a testbed of EOSC Nodes.

A **group of Potential Candidate Nodes** have been invited by the Tripartite Governance to complement the EOSC EU Node to initiate the formation of the EOSC Federation in its first iteration. The selected Candidate Nodes will also serve to test the **EOSC Federation Handbook** in practice.

Nodes are
representatives of their
reference community,
they provide resources
(data, publications,
services, training, ...)

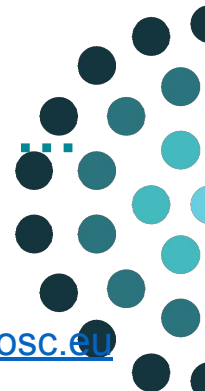
National



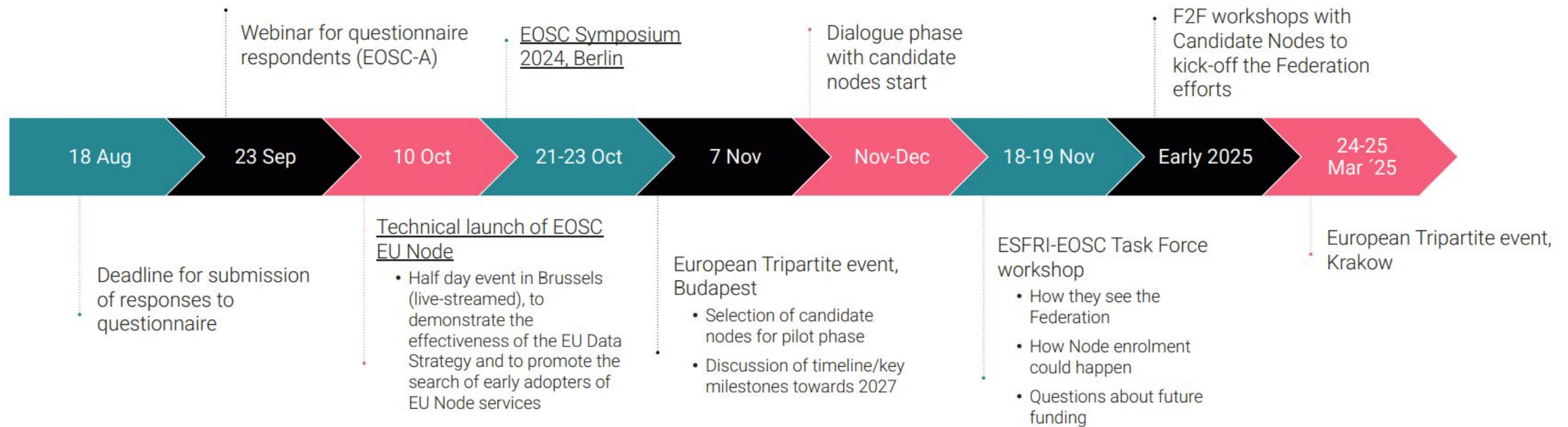
Themati



Disciplinary



EOSC Federation build-up phase timeline





REINFORCING Horizon Europe support to EOSC

**Horizon Europe (2021-2027)
support to EOSC ~ EUR 490 million**

2021-23

- **27 funded projects**, 587 participations
- **1 procurement** action for EOSC EU node

2024

- **9 new projects** selected for funding

2025-27: INFRAEOSC destination fully embedded in the Strategic Orientations for 2025-27 Research Infrastructures Work Programme.

- WP25: adoption expected for April 2025
- WP26-27: adoption expected for December 2025

Key Inputs for WP25:

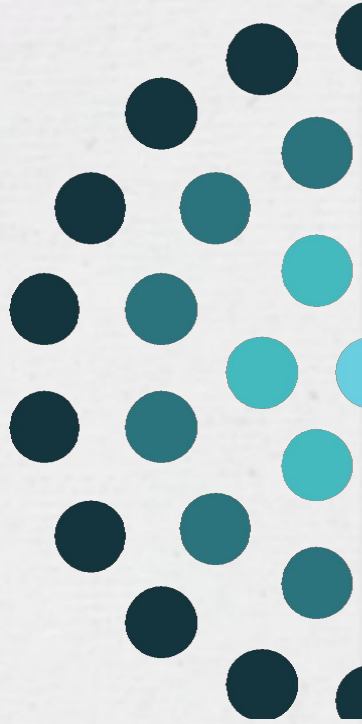
- EOSC Partnership and the EOSC Strategic Research & Innovation Agenda
- EOSC Steering Board opinion papers
- ESFRI-EOSC Task Force recommendations
- Stakeholder consultations

Fostering coordination and synergies:

EOSC-ESFRI Task Force: reinforced links with **research infrastructures**
3rd edition of **EC coordination meeting of EOSC projects**, June 2024
Enhanced **feedback to policy** instruments



We need skills to make Open Science the ‘New Normal’: Skills4EOSC for creating a Training Ecosystem for Open and FAIR Science





REINFORCING

A 5th Freedom on Research, Innovation and Education

“Operationalizing the fifth freedom requires a multifaceted approach encompassing **policy initiatives, infrastructure enhancements**, collaborative frameworks, and an unwavering commitment to foster innovation, **open science and digital literacy**’



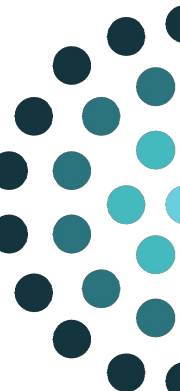
[Much more than a market – Speed, Security, Solidarity Empowering the Single Market to deliver a sustainable future and prosperity for all EU Citizens](#)



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 2021** 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.



Skills&Training SRIA priorities and Skills4EOSC

SRIA Priorities

Priority 1: Developing the **next generation** of Open Science and data **professionals**

Priority 2: Bridging the education gap: **coordinating and aligning curricula** for students and researchers

Priority 3: Building a trusted and long-lasting **knowledge hub of learning materials** and related tools

Priority 4: **Influencing** national Open Science **policy for skills** by supporting strategic leaders

Skills4EOSC contribution



Skills4EOSC Network of **Competence Centres**



Minimum Viable Skillset defined for different roles acting in the OS context



Training of Trainers and **FAIR by design** methodology for **learning materials**

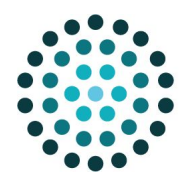


Supporting **Professional Networks** for lifelong learning



Target **Science for Policy interface roles** (policy makers, knowledge/honest brokers, civil servants)





REINFORCING

Skiis 4 eosc



46 **partners**, 18 **countries**



“**Key doers**” in Open Science in their
country/region/domain



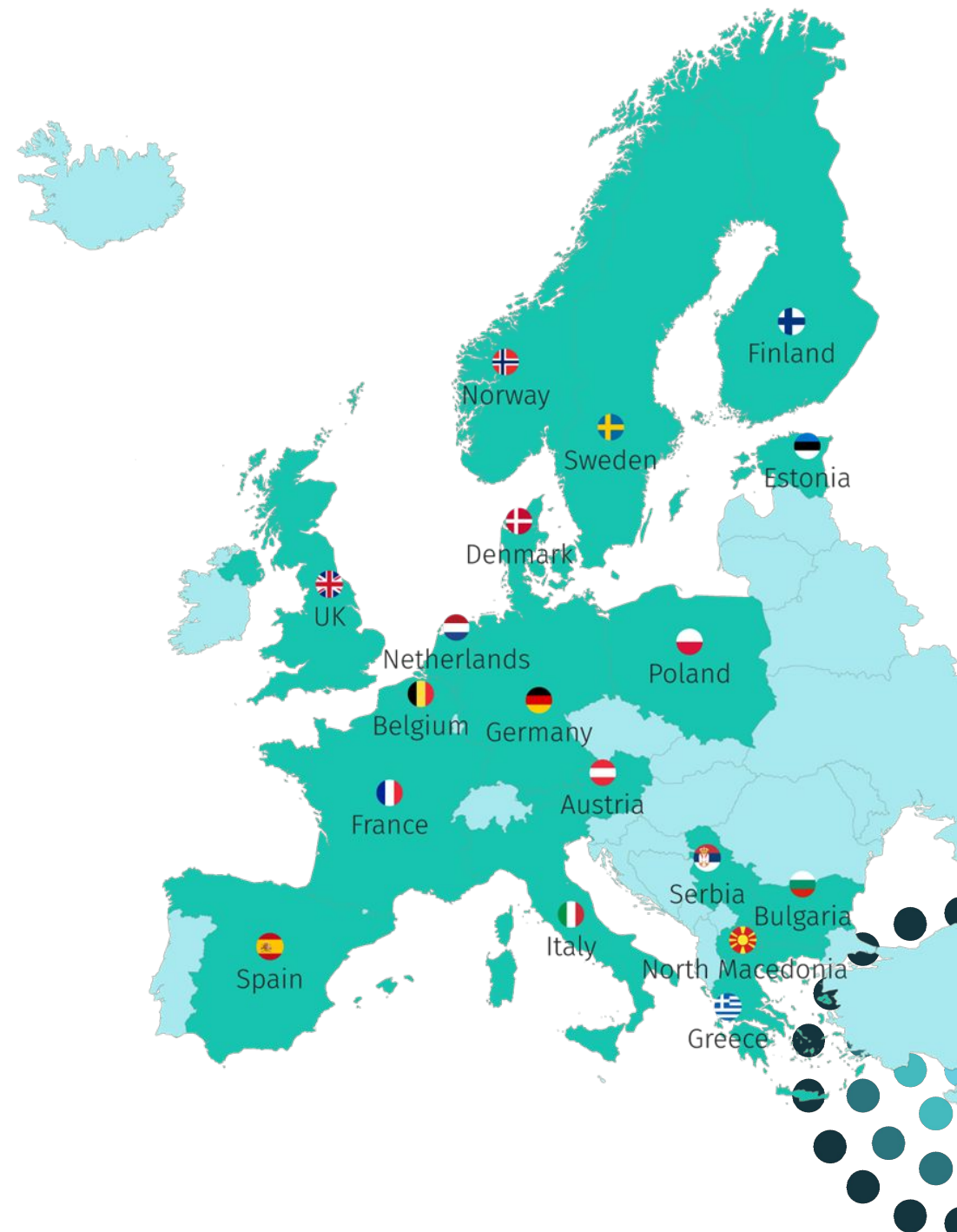
2 ESFRI **Research Infrastructure**



7 million €



September 2022 - August 2025



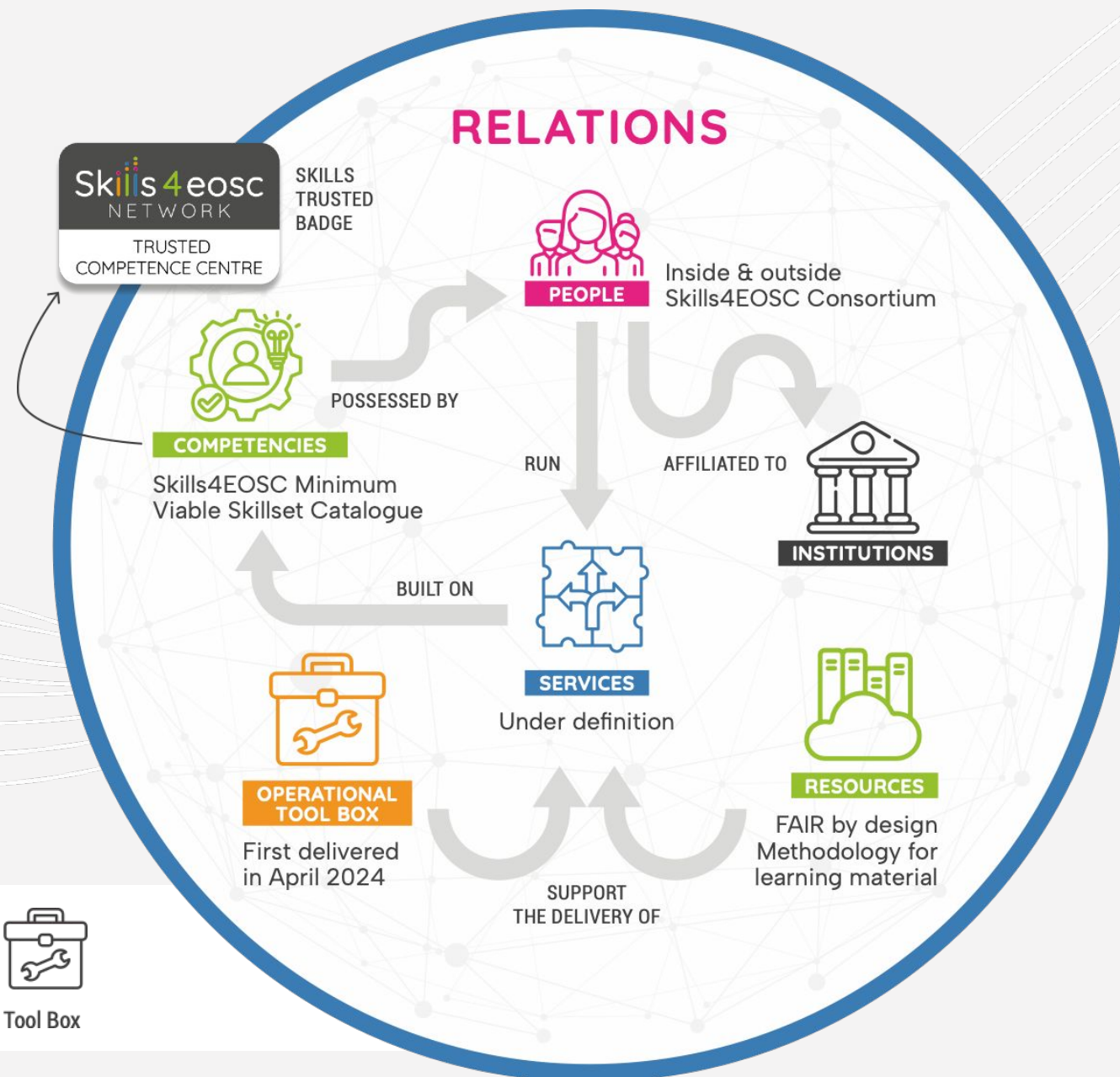
Key Concepts

- Competence Centre and network
- Minimum Viable Skillset
- FAIR-by-design methodology for learning material
- Training of Trainers
- Master trainer
- Professional Networks
- User Support Network
- Co-Creation Mechanism



Skills4EOSC Competence Centre

Skills4EOSC CC represent a **point of reference** in a specific Country/Region/Theme to find **key competences** 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.



Competencies



People & Institutions



Services



Resources

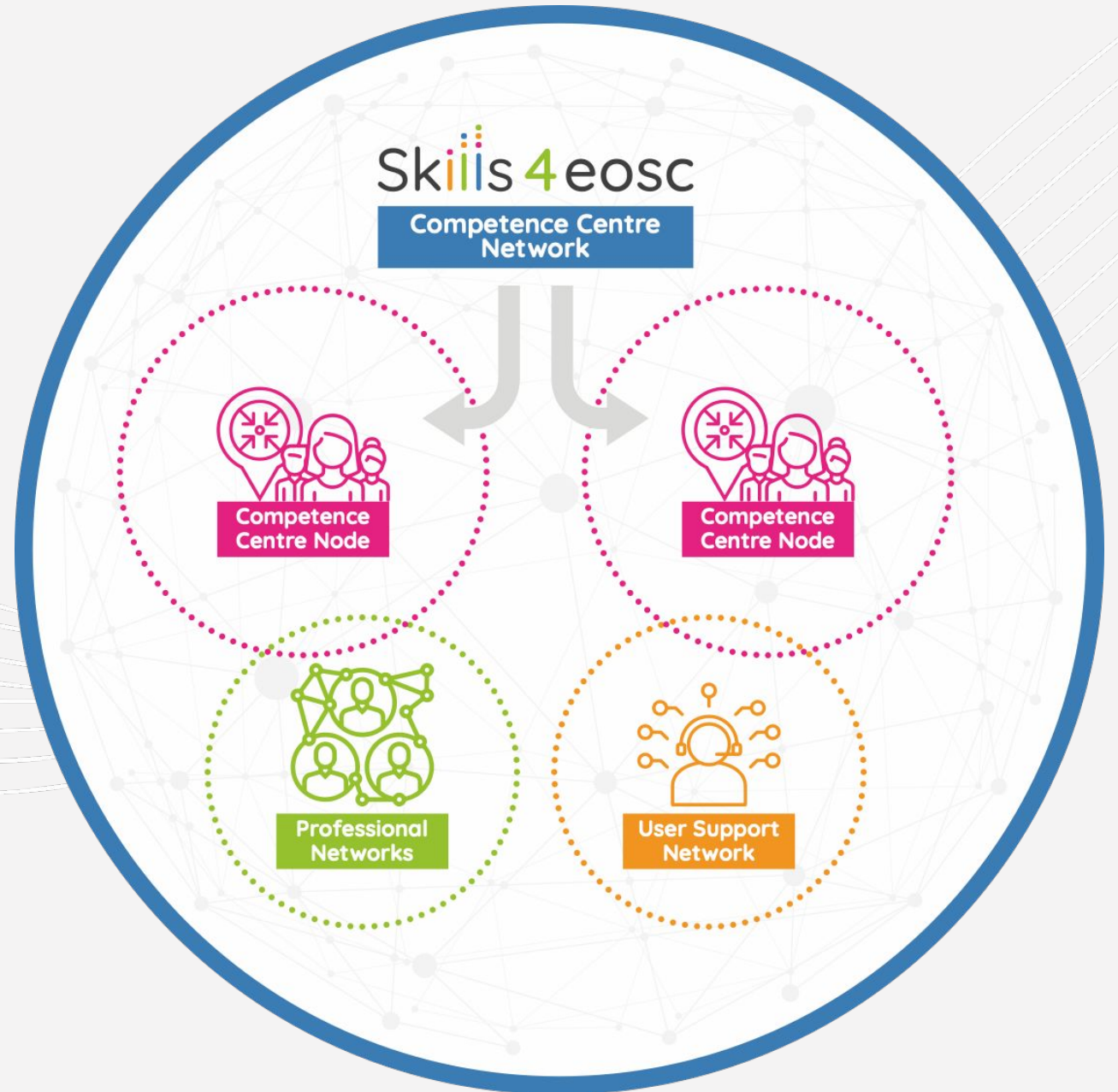


Tool Box



Link with Local Network

Skills4EOSC Competence Centres can be built involving **local members** that are not part of the Consortium.



Skills4eosc

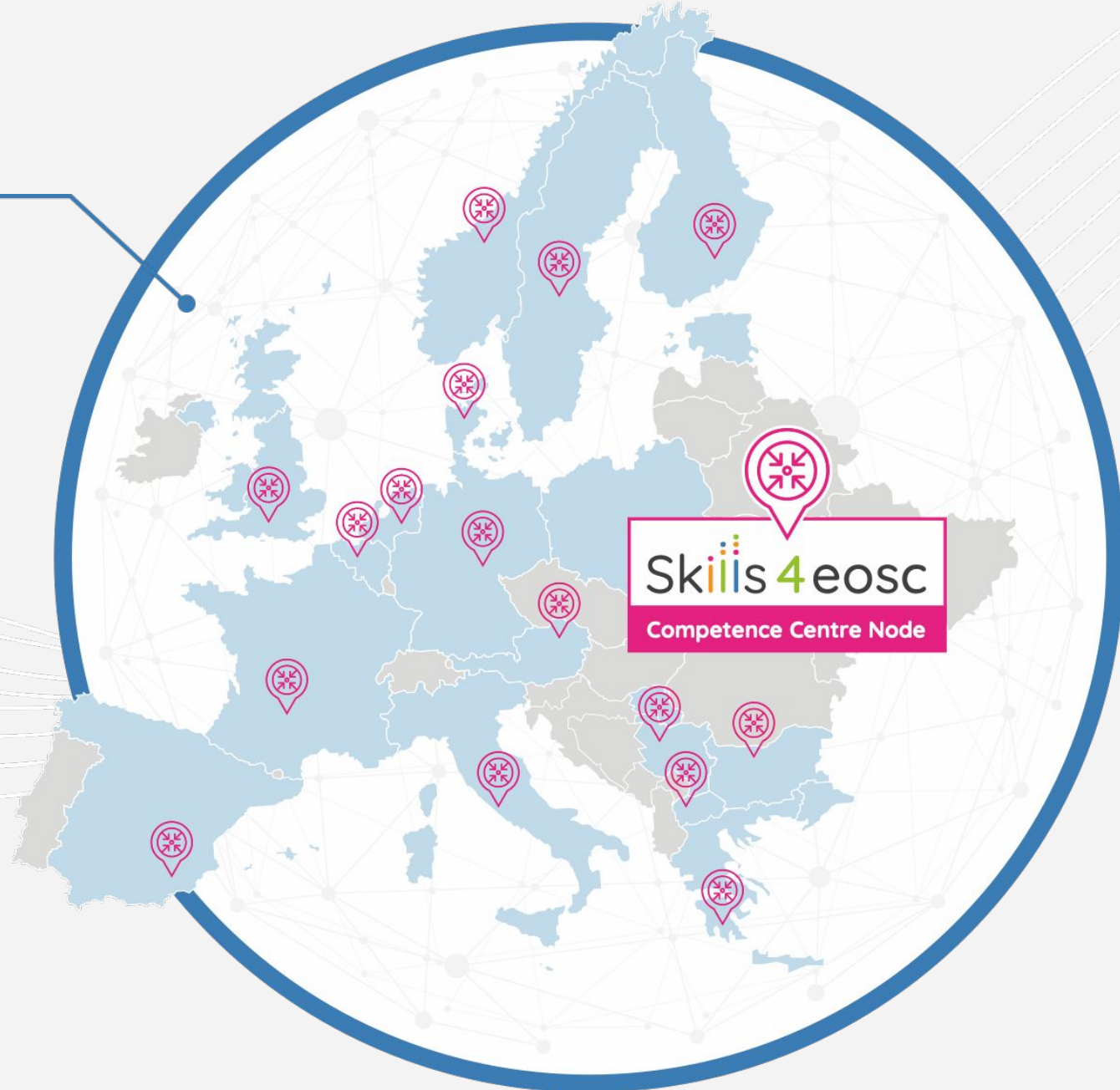
Competence Centre Network

Skills4EOSC Competence Centre Network (CCNet)

Skills4EOSC aims at building a **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 Node**.

The **Nodes** are the Skills4EOSC **Competence Centres** (CCs).



Skills4EOSC Offering to Competence Centres

Harmonised profiles and curricula for the 'EOSC actor'

FAIR-by-Design methodology to improve accessibility and reusability of learning materials

Shared Recognition Framework for learning materials, trainer certification, and accreditation

'Train the Trainers' programme tailored to different profiles and research domains



Minimum Viable Skillset defined for different roles acting in the OS context



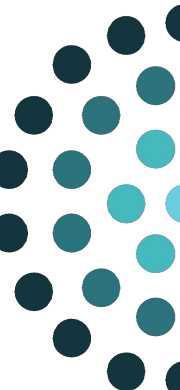
FAIR by design Handbook and Microlearning path on Github, Courses, Leaflet



Guidelines including Open Badges and European Digital Credentials



Courses with self-paced and live sessions, learning materials ready to be re-used and adapted



Skills4EOSC Offering to Competence Centres

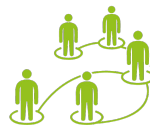
Development of **professional and user support networks**

Guidelines on IT services to foster collaboration and sharing

Sustainability strategies of the Competence Centre(s) Network

Influencing national Open Science **policy for skills** by supporting strategic leaders

Space for discussing common issues and positions in the EOSC ecosystem



Starter Kit for the creation of new Network, mapping and harmonisation of existing ones



Best practices and methodologies across CCs to support collaborations and activities



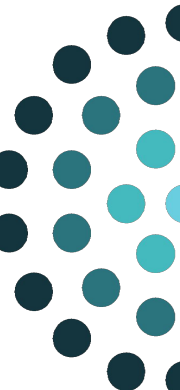
Action plan to maintain and enlarge the Network



Target **Science for Policy interface roles** (policy makers, knowledge/honest brokers, civil servants)



Networking & collaboration on common challenges



Competences Definition



Skills4EOSC defines a minimum set of competences for each target in the **Minimum Viable Skillset**

Design learning paths & material



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

Training of Trainers delivery



Training of Trainers will be delivered to a group of Master Trainers to multiply the specific competences inside the Skills4EOSC Consortium

National courses training target



Once **Master Trainers** are equipped with adequate competences, they will organise courses to train target roles in their **country/community**

REINFORCING Developing Paths for Different Targets



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



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



Research Infrastructures and thematic communities: designing training with and for researchers and professionals



Professional networks: lifelong learning through peer networks



Photo by [Majestic Lukas](#) on [Unsplash](#)

Designing Learning Paths for RIs Professionals



Social Science &
Humanities



Solid Earth Science



Climate
Change



Open scientific collections

The Minimum Viable Skillset profiles

- Address the **skills needed** for various EOSC actors considering the OS mission and planned outcomes.
- Address the need to **summarise OS essentials**.
- Provide **high level guidance** for curricula and trainings.
- Are **adaptable** to contexts / domains.
- Are intended to complement the **European Competence Framework for Researchers**.



MVS Describe Diverse Roles

Available *

Data Steward
Legal Expert
Ethics Advisor
Knowledge Broker
Masters Student
Undergrad Student
Senior Researcher
Early Career Researcher
Policymaker – Research/ General
Research Infrastructure Professional



Progressing

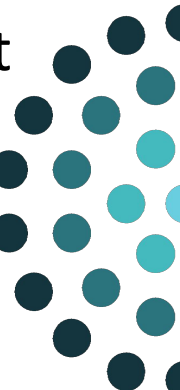
Scholarly Communications Specialist
Digital Collections Curator

Considering

Data Analyst
Data Scientist
Data Engineer
Research Manager
Research Software Engineer
Digital Preservation Specialist

* Currently published MVS are here: <https://zenodo.org/records/8101903>

[Main ref: report Digital skills for FAIR and Open Science](#)





REINFORCING

Booklet on MVSs

This publication introduces the Minimum Viable Skillsets (MVS) methodology, defining essential profiles for research data professionals to support Open Science. It provides Competence Centres and Data Stewards with guidance on using MVS profiles for skills development and outlines the collaborative approach behind them.

Download it at <https://zenodo.org/records/14006581>

Skills
4 eosc

● Skills for the European
● Open Science
● Commons

 Funded by
the European Union

 co-funded by
UK Research
and Innovation



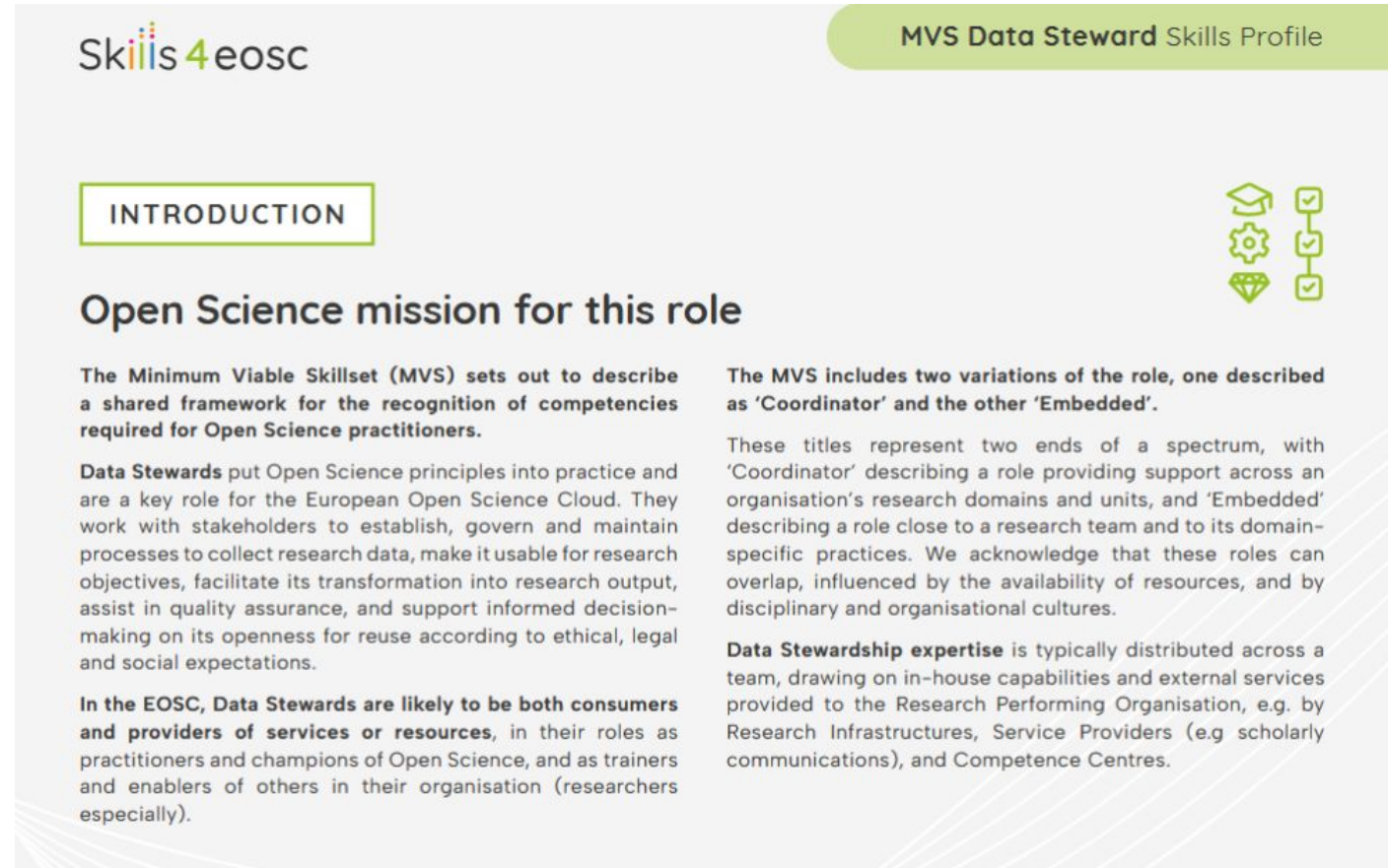
Minimum Viable Skillsets
a Briefing for Competence Centres





REINFORCING

Booklet on MVS Data Steward



Download it at <https://zenodo.org/records/14006764>





DATA STEWARD COORDINATOR

Coordinator Data Stewards act as a 'centralised knowledge and communication hub' for researchers. They advise and train on policy, guidelines, data management plans and institutional infrastructure and tools implement FAIR and CARE principles across the organisation.

ASSOCIATED FUNCTION TITLES:

Data Steward, Data Librarian, Research Data Management Specialist, Research Data Manager, Research Data Management Consultants, Reproducibility Librarian.

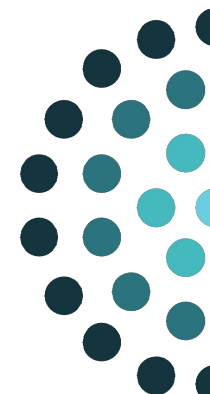


EMBEDDED DATA STEWARD

Embedded Data Stewards serve research teams, faculties, departments, sections of organisations directly involved in producing research outputs, supporting them to plan and implement FAIR and CARE principles, meeting needs of researchers as they arise, and working with others to ensure outputs are preserved and reusable in the long term.

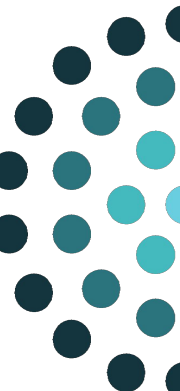
ASSOCIATED FUNCTION TITLES:

Data Steward, Data Manager, Data Curator, Research Data Manager



Template for a Minimum Viable Skillset, April 2024, DOI <https://zenodo.org/records/10977747>

This template provides guidance on structuring a Minimum Viable Skillset (MVS) Profile, outlining key skills and competencies essential for practicing Open Science (OS).

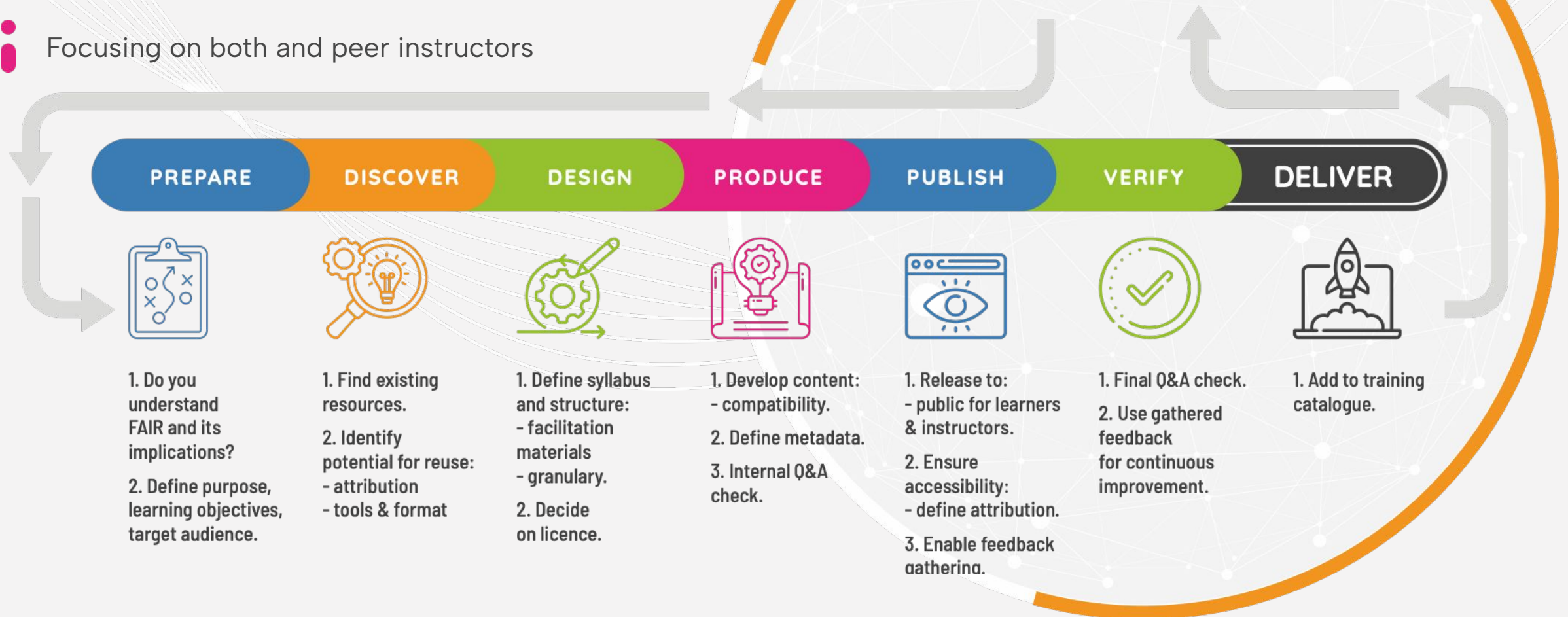


Backward Instructional Design Empowered with FAIR principles



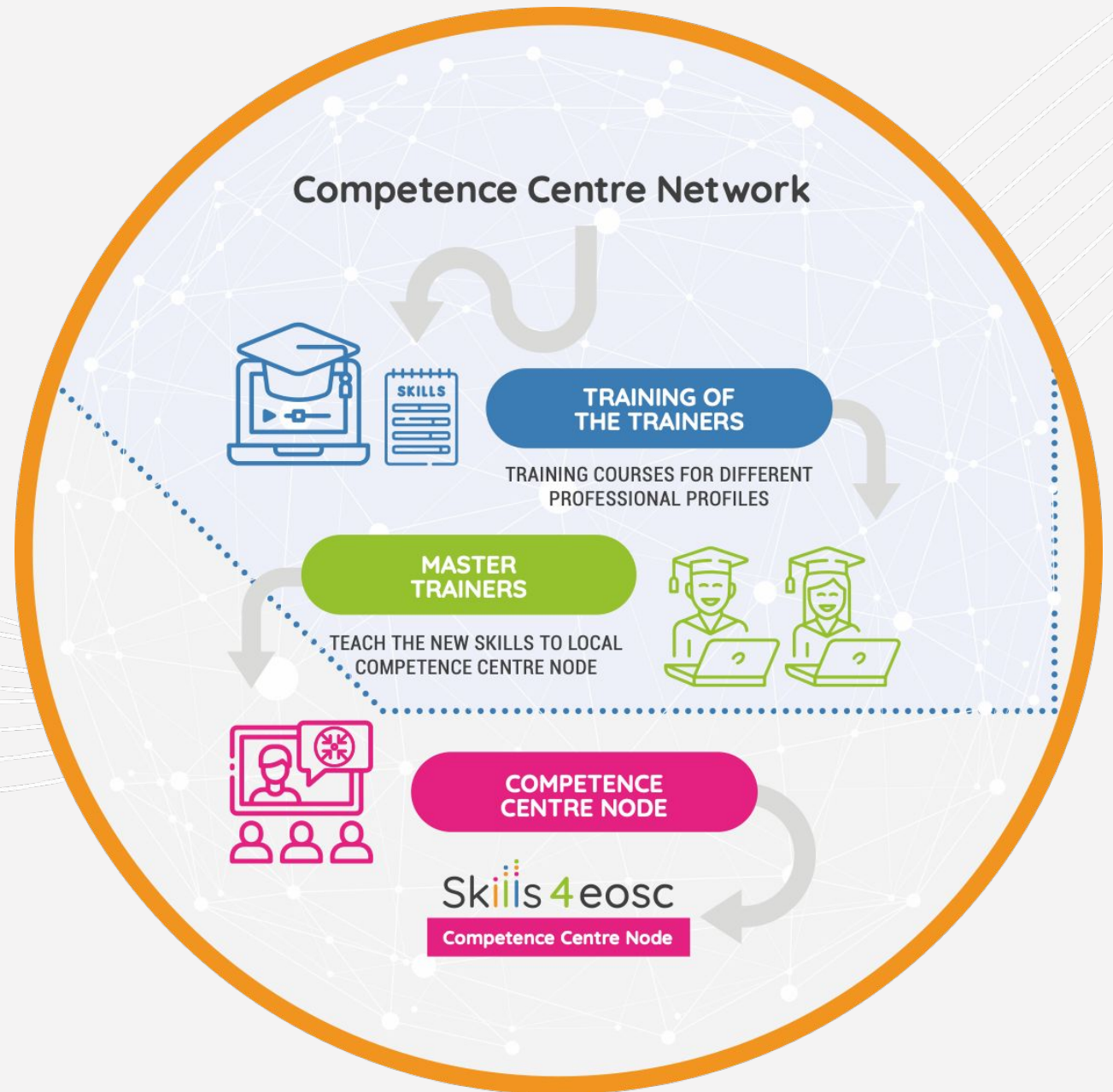
Focusing on both and peer instructors

FAIR-by-design Methodology



Training the Trainers Programme

- **Master Trainers** are trained by the Skills4EOSC community through the **Training of Trainers** sessions.
- After the Training the Trainers, the Master Trainers commit to **sharing best practices and lessons** learnt with their community trainers.



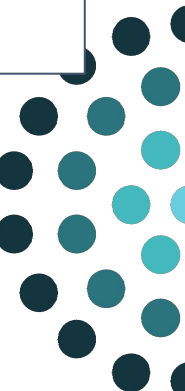
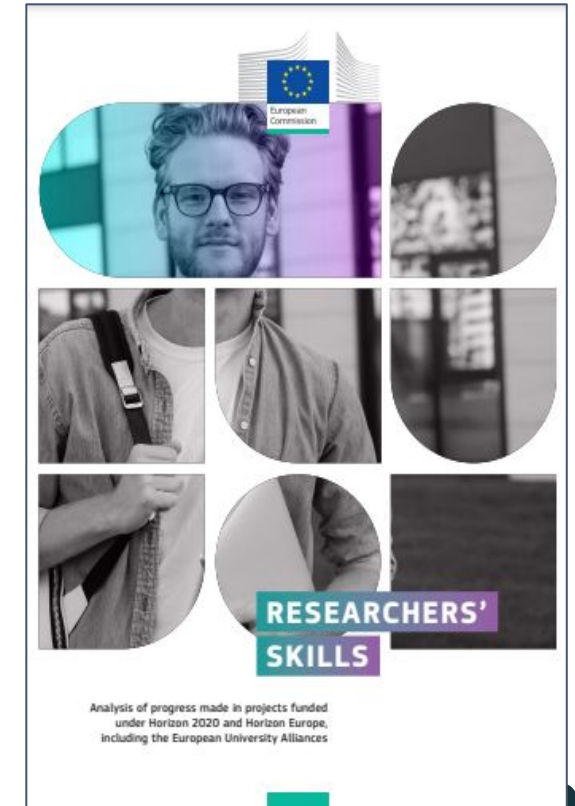


REINFORCING

Skills4EOSC Recognition Framework

Skills4EOSC Recognition Framework – first iteration released on December 2023 DOI <https://zenodo.org/records/10447619>

- A landscape report
- Badge templates and piloting results eg. for courses in FAIR-by-Design
- Guidelines for digital credentials (Open Badges & European Digital Credentials - EDC)

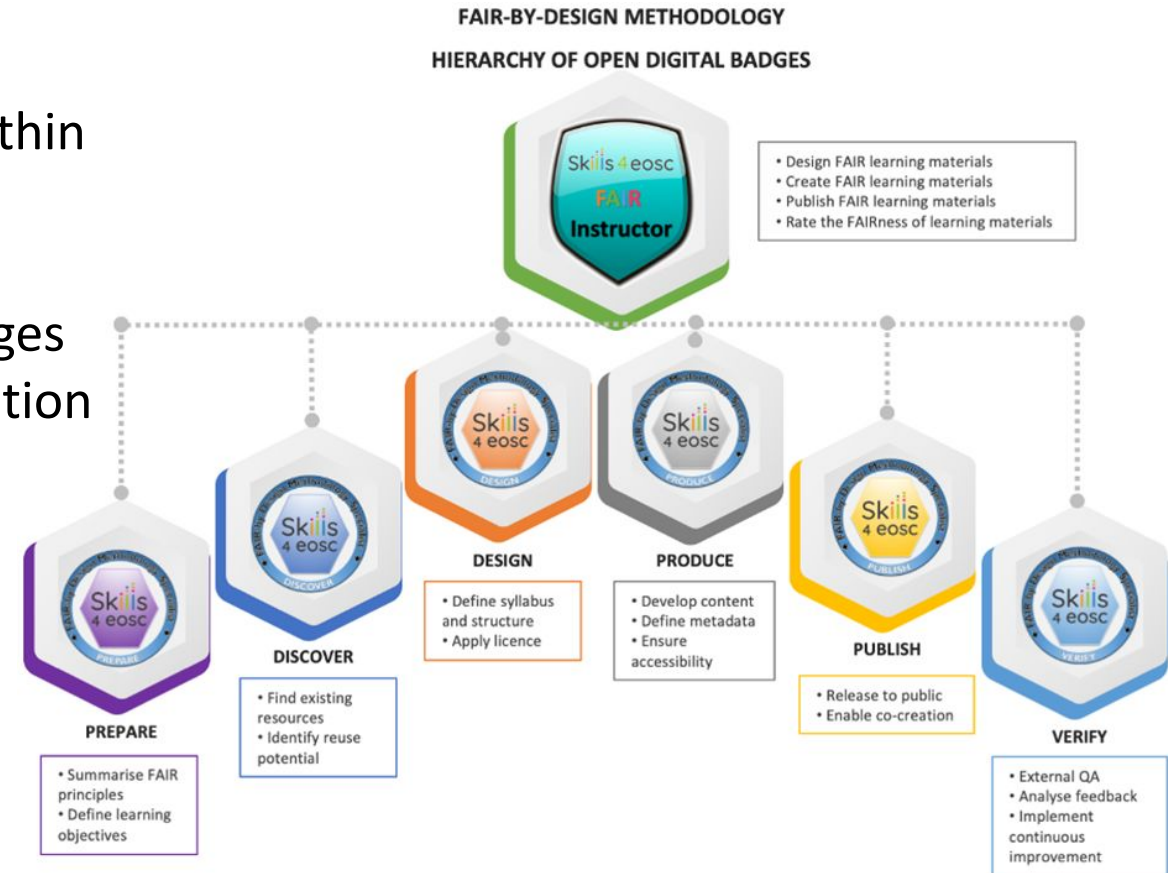




REINFORCING

FAIR-by-Design Trainer Accreditation

- **Structured into Six Stages.** Each stage consists of specific units.
- **Stage-Specific Open Badge.** Complete all units within a stage to earn a "FAIR-by-design Methodology Specialist" badge for that stage.
- **FAIR Instructor Badge.** Earn all stage-specific badges to certify proficiency in methodology implementation and qualify as a FAIR instructional designer.





REINFORCING

European Digital Credential - EDC

- Skills4EOSC Recognition Framework will fit into the **European Digital Credential for Learning**
- EC provides EDC, an online tool for getting or issuing a digitalised version of credentials.
- **EDCs** are standardized electronic documents verifying skills or learning outcomes.
- **EDCs linked to Europass** and can be issued by any European universities or training providers for free, securely sealed with an e-seal, and delivered via email or deposited to Europass profiles.



Year 3 Plan: Full implementation of EDC via GARR, offering both Open Badges and EDCs for project courses





REINFORCING

Training the Trainers Programme

1. General Courses

- Training the Trainers Guide

2. Science4Policy Courses

- Open Science and Evidence-informed Decision-Making

3. Courses for Open Science Ready Institutions

- Open Science Course for Undergraduates and for PhD candidates

4. Thematic Open Science Training

- The Research community in SSH, Solid Earth Sciences, Climate Change, Digital Museum Collections

5. Training on Building and Animating Professional Networks



ABOUT ▾ KERS NEWS RESOURCES ▾ NETWORK ▾ PARTICIPATE ▾

HOME | PARTICIPATE | SKILLS4EOSC TRAINING COURSES



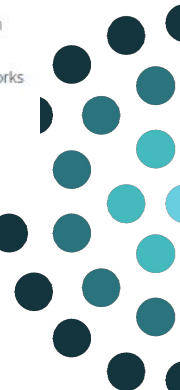
SKILLS4EOSC TRAINING COURSES

Skills4EOSC offers a comprehensive training program designed to equip researchers, data stewards, and other stakeholders with essential skills for navigating the evolving landscape of Open Science and the European Open Science Cloud (EOSC).

Our courses are specifically designed for Master Trainers from the Competence Centres of the Skills4EOSC network. These trainers will then disseminate knowledge and best practices within their communities, focusing on Open Science, FAIR Research Data Management, and strategies for maximising Research Impact and visibility.

By participating in our courses, you'll gain:

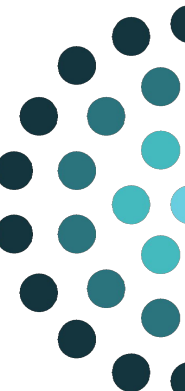
- Capability to support evidence-informed decision-making through Open Science
- Insights into developing and implementing Open Science policies
- Awareness of the role of Open Science in addressing global challenges and future research
- Practical skills in Open Science practices and their implementation
- Knowledge of FAIR principles and their application in various research contexts
- Strategies for effective research data management and governance
- Understanding of Ethical, Legal, and Social Implications (ELSI) in Open Science
- Skills for creating and nurturing Data Steward communities and networks
- Techniques for fostering collaboration among diverse Open Science stakeholders






REINFORCING Skills4EOSC CCs Network

- Internal workshops on Competence Centres:
 - 5 July 2023
 - 18 January 2024
 - 16 April 2024
- Public launch 25 June 2024, online
- First in person meeting 21 October 2024 in Berlin:
workshop '**Making the Competence Centres Network sustainable and enhanced**'
- Next meeting online **6 February 14.30- 16.30 CET**





REINFORCING Skills4EOSC CCs Registry



HOME | NETWORK

SKILLS4EOSC COMPETENCE CENTRES NETWORK REGISTRY

The Skills4EOSC Competence Centres Network is a coordinated network of Competence Centres across Europe that provide key competencies to enable the practice of Open Science and EOSC.

These Competence Centres serve as a **single point of reference** in their respective countries, regions or thematic domains for finding training programmes and materials, best practice and tools for managing, reusing, sharing and analysing FAIR data and other digital research objects.

As part of our commitment to promoting EOSC and Open Science, Skills4EOSC provides each CC with a **Training of Trainers** programme targeting different profiles, ranging from policymakers to data stewards, researchers to professionals, and legal and ethical advisors, on a variety of topics and domains such as ethical, legal, and social issues (ELSI) aspects, RDM workflows in different disciplines, and more.

If your organisation providing OS training and guidance? Join our network and help advance the practice of Open Science and EOSC in Europe. Contact us to learn more about what we offer and how to get involved.



ABOUT ▾ KERS NEWS RESOURCES ▾ NETWORK ▾ PARTICIPATE ▾

HOME | NETWORK | COMPETENCE CENTRES

COMPETENCE CENTRES



ITALIAN COMPUTING AND DATA INFRASTRUCTURE (ICDI)

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OPEN SCIENCE CLOUD COMPETENCE CENTER IN GREECE

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THE CSC RESEARCH DATA MANAGEMENT COMPETENCE CENTER

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SWEDISH NATIONAL DATA SERVICE (SND)

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OPEN SCIENCE AND RESEARCH DATA COMPETENCE CENTRE OSC@MK

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LUXEMBOURG NATIONAL DATA SERVICE LNDS

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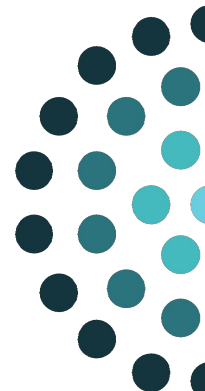


REINFORCING Skills4EOSC CCs Registry



Furthermore, ongoing discussion with:

1. **Denmark:** Danish e-Infrastructure Consortium (DeIC)
2. **Germany:** NFDI (National Research Data Infrastructure)
3. **The Netherlands:** Local Digital Competence Centres Network ([LCRDM](#))
4. **Norway:** ongoing discussion led by HKDIR
5. **Portugal:** Universidade do Minho
6. **Slovenia:** University of Ljubljana
7. **Slovakia:** Slovak Centre of Scientific and Technical Information
8. **Hungary:** KIFU (Kormányzati Informatikai Fejlesztési Ügynökség /Governmental Agency for IT Development)
9. **Czech Republic:** Czech EOSC Training Centre
10. **Tunisia** CNUST Centre National Universitaire de Documentation Scientifique et Technique



How to join the CC Network

Joining Process

- Sign the Memorandum of Understanding (MoU)
- Demonstrate organizational capability in:
 - * Open Science training
 - * Guidance on research data management
 - * Supporting FAIR data principles

Next Steps

- Contact Skills4EOSC coordination team
- Discuss your organization's potential contribution
- Explore network collaboration opportunities

Steps to Enhance Collaboration



Contact
Coordination
Team



Discuss
Contributions

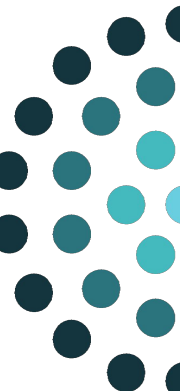


Explore
Collaborations



Skills4EOSC for supporting the Bulgarian Competence Centre

- Need to **define key skills at national level**? get inspired and implement the Minimum Viable Skillset methodology in your Country
- Familiarise with the **FAIR by design methodology for learning materials** and apply it in your local context. Participate to the co-creation of its final version and let us know how you adapted it to the needs of your community
- Would you like to **onboard your Competence Centre to the Skills4EOSC network**? contact us!



Skills4EOSC for supporting the Bulgarian Competence Centre

- **Starting from scratch?** we are here to help!
- Need to **acquire specific competences in you local CC?** Join our Training of Trainers sessions
- Would you like to know more about the **Skills4EOSC Competence Centre network?** Join the **Network online meetings**: next on **February 5th 2025**.

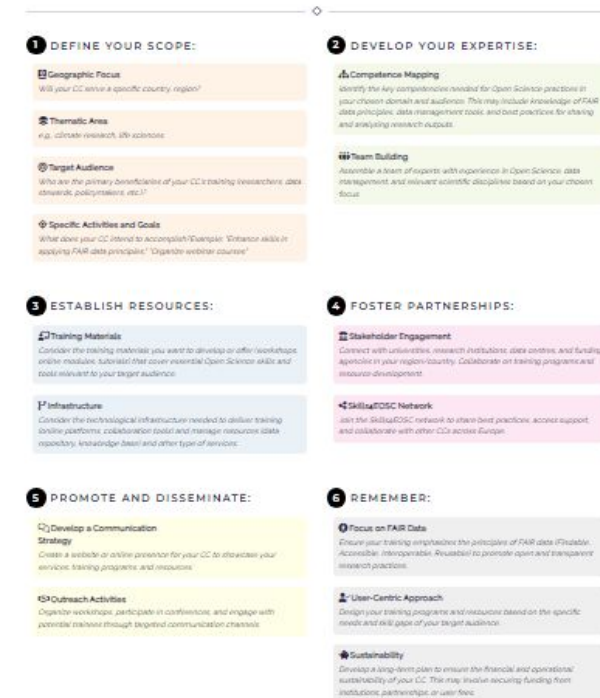
HOME | NETWORK | COMPETENCE CENTRES | SETTING UP A CC



SETTING UP A SKILLS4EOSC COMPETENCE CENTRE

To support the new CC facilitating their establishment, what key elements, aspects they have to consider

This guide outlines the key steps involved in establishing a Skills4EOSC CC, based on the definition terms

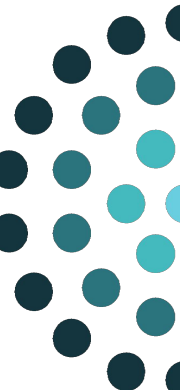


Skills4EOSC for supporting the Bulgarian Competence Centre

Bulgaria is making progress in Open Science but challenges remain in awareness, infrastructure, and policy implementation.

Skills4EOSC offers a structured approach to address these gaps through:

- A comprehensive training curriculum designed for key Open Science professionals.
- Capacity-building for researchers, administrators, and policymakers.
- A strong **network of National Competence Centres to share experiences and learn from peers.**





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THANK YOU

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