



# Discussion Rounds for NOADs

**Open Science Skills Building in Italy**



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# The Italian national network

Built with the contribution of different initiatives (projects, activities, networks...)



## Projects & initiatives

Focus on OS stemming from European or national resilience plan projects, European initiatives, services, and institutions



## Competence Centre

The Italian CC exists since at least 2021, and its activities are now entering a more active phase



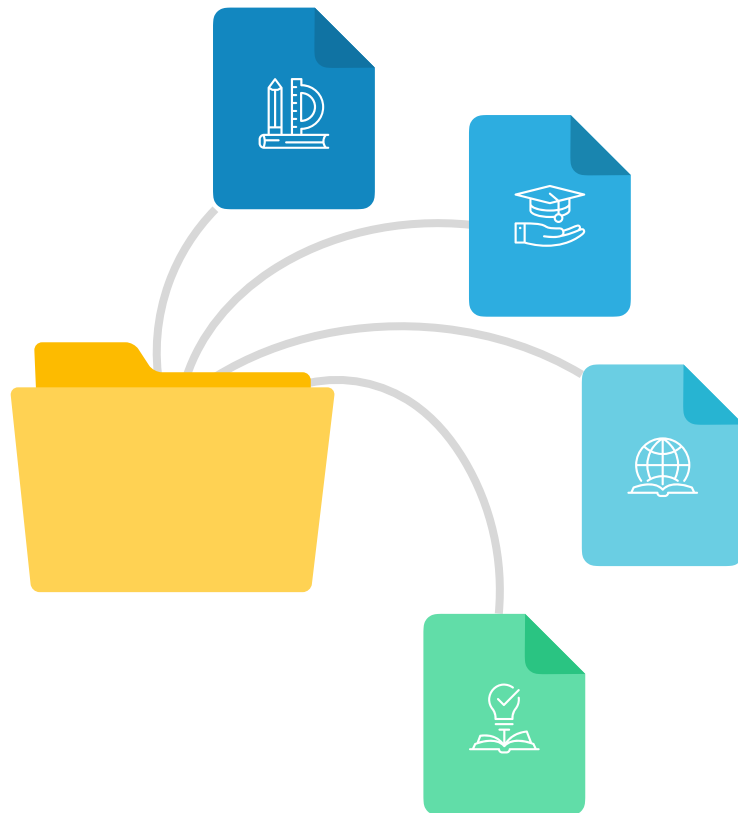
## Different networks

Connection between different initiatives (eg Italian Reproducibility Network, data steward community, open-science.it editorial board...)



## Activities

National activities (e.g. working table for national open science plan) or international initiatives (CoARA, of course EOSC etc.)



# SStarting point

Skills and competences are essential for practicing Open Science

## ◆ **Clear definitions**

Creating clarity on the required skills to practice Open Science and participate in the EOSC is crucial for guiding training efforts

## ◆ **New Professional profiles**

Establishing dedicated career paths for Open Science

## ◆ **Enhancement of current staff's skills**

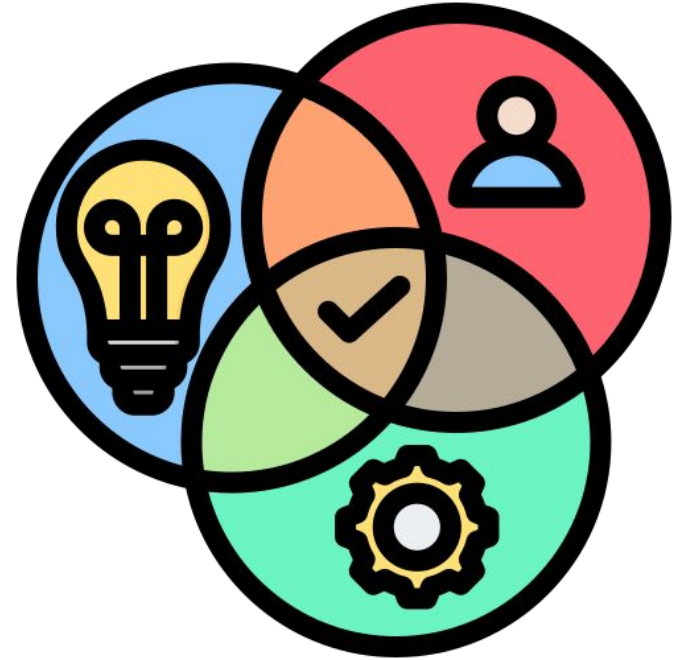
This is critical to adapting to Open Science challenges, ensuring a smooth transition to new practices and methodologies.

## ◆ **Designing continuous learning paths:**

For an environment where skills evolve in tandem with scientific innovation.

## ◆ **Adequate support**

Engaging all stakeholders (with the capacity to intercept the support and sectoral needs of each) and addressing every step in the scientific workflow



## The ICDI and the Italian Competence Centre

## ICDI

The Italian Computing and Data Infrastructure is a collaborative initiative formed by the major Italian Research Infrastructures and Digital Infrastructures

## MoU

ICDI operates under a Memorandum of Understanding, fostering formalized collaboration (29 orgs)

## National coordination hub

Launched to Facilitate coordination and interaction with key stakeholders (both national and European institutions)

**MUR**

The Ministry of University and Research (MUR) participates as an observer

## The Competence Centre for Open Science, FAIR and EOSC



# A single Nationale Reference Point

CC: What the main aims are

## Training and support

Providing support, consultancy and training activities on Open Science, FAIR principles and EOSC

## Empowerment

Fostering the integration of OS into daily practices by enhancing skills and awareness of its positive impact

## Professionalisation

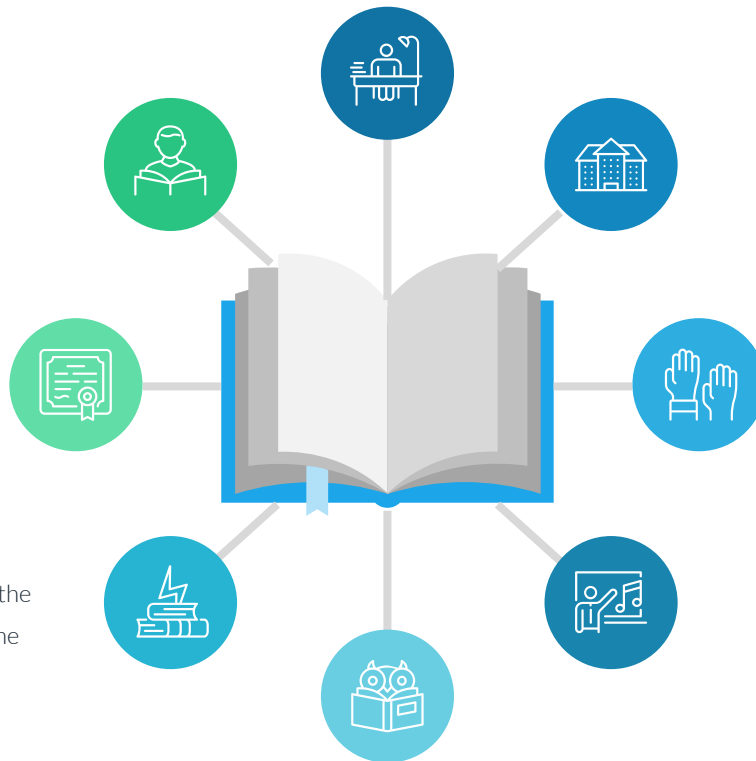
Designing and promoting structured training and the introduction of the new professional figures (eg the data steward) into research institutions

## Good Practices

Promoting the development and dissemination of good practices by making accessible guides, guidelines, standards, training and information resources - also produced by others - on OS, FAIR principles and EOSC

## Tools and services

Offering tools and services for implementing Open Science best practices, enabling FAIR-by-design across diverse research communities, and promoting cross-sectoral experience exchange.



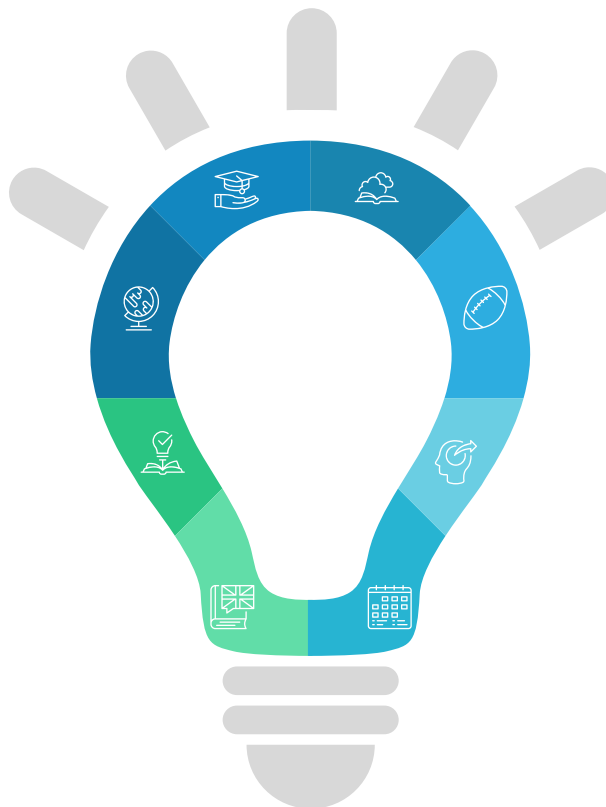
# Groups and activities

The main groups and activities already in place

◆ **Training**

◆ **DMP support**

◆ **Open Science café**



◆ **open-science.it**

◆ **Sharing good practices**

◆ **Broker or services**

# Trainings



## **Career level**

Tailored training sessions  
addressing different career  
stages



## **Not just researchers**

Design of training activities  
also for support staff



## **Targeted community**

Training initiatives focused on  
specific research communities



## **Hands-on sessions**

Practical training with  
practical tools for  
implementation.(eg. Zenodo,  
DMP tools, Zotero, tips on  
open software, EU survey...)

# Other training activities



## **Advocacy**

Short seminars without teaching purposes



## **Commissioned**

Courses commissioned by research institutions or private entities. 10-20-30 hours,.

Fee-based



## **CC Open learning**

Courses organized directly and freely by CC-ICDI, open to the entire online community





# Open Science café

## What

Regular insights for the Italian scientific community. One-hour episodes delve into specific Open Science topics, encouraging discussion.

## Topics

Can cover every OS related and EOSC updates, or disciplinary best practices

## Audience

Tailored for the Italian research community—open to anyone keen on understanding copyright implications for research data and the EU Open Science strategy.

## Episodes

26 episodes since April 2021





**OPEN-SCIENCE.IT**  
La scienza condivisa

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[open-science.it](https://open-science.it)

A hub for  
information,  
exchange, debate,  
and update for the  
Italian community,  
with an eye on the  
international context

# Pratiche di Open Science: riuso di dati e algoritmi

[LEGGI L'ARTICOLO](#)

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## Various content formats

Articles and news on: general information, updates on national and international level, introductory material and useful resources, debates, analysis and information for experts



## Resource catalogue

Currently collecting institutional policies, being updated, and intended to be expanded



## Events and calendar (embeddable)

to collect events of interest, initiatives and activities in one place, highlighting dates and organisers



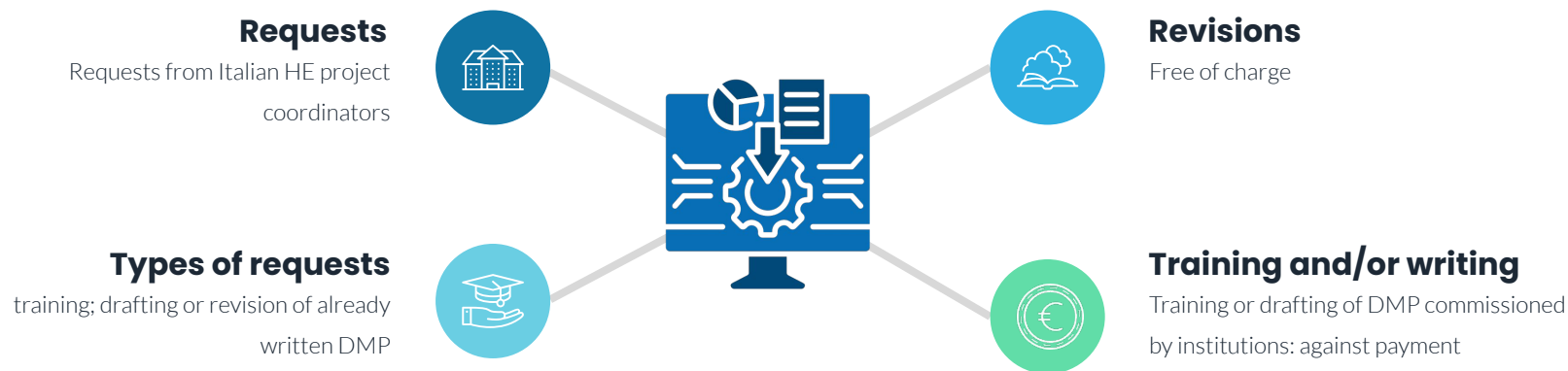
## FAQ section

Collections some frequently asked questions on OA and OS, data, copyright, patents, licences

# Different elements and sections

open-science.it  
main components

# DMP support group



# The Italian network of Data Stewards



Comunità Italiana dei Data Stewards

## Incontri bimestrali

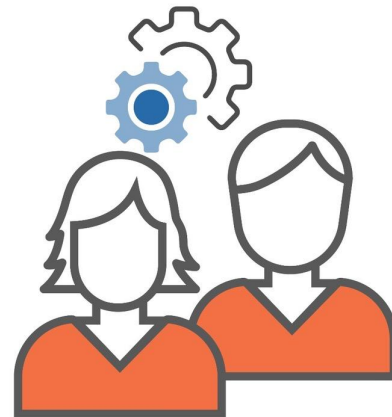
**Skills**  
4 eosc



Esperienze di  
sensibilizzazione ed engagement  
della comunità scientifica

Andrea Solieri  
Università degli studi di Modena e Reggio Emilia  
Silvia Corbetta, Marco Soriano  
Università Vita-Salute San Raffaele

➤ 21 Febbraio 2024  
14.30 - 15.30



### Meetings

Bi-monthly online meetings with two annual in-person sessions  
(November 2023 in Rome and April 2024 in Bologna)

### New perspective

New perspective coming soon to open-science.it portal

# Connections with other networks

## Open Science in practice

OpenAIRE and open-science.it

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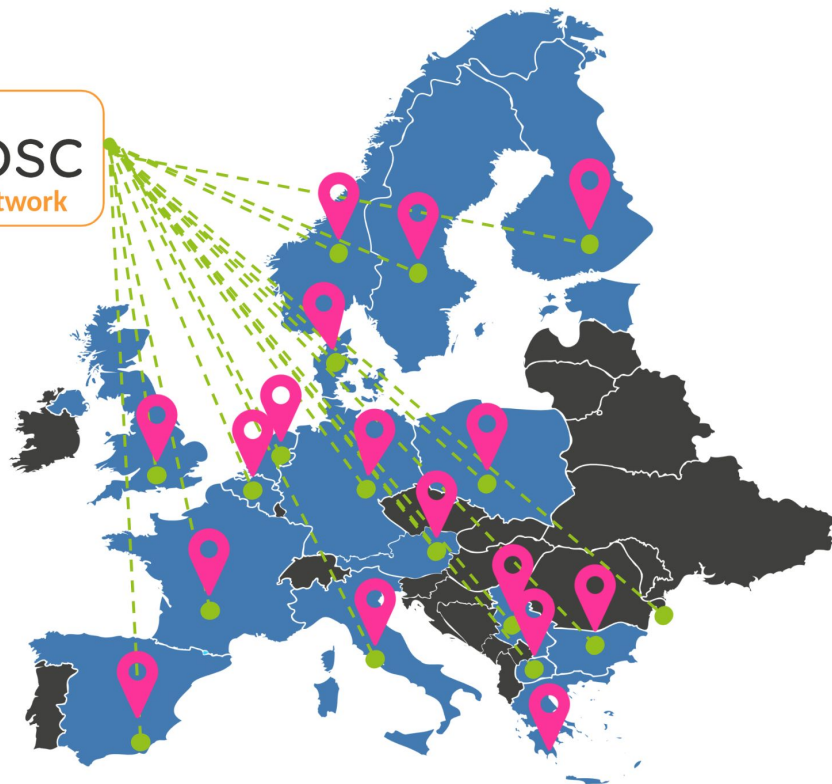
ITRN Annual meeting, Bologna, 23 february 2024



# The Skills4EOSC project



Skills4EOSC aims to establish a Coordination Network of Competence Centers for Open Science, FAIR principles, and the European Open Science Cloud (EOSC) in Europe





# Open Challenges

Still to be addressed



## Business Model

Still high dependency on Voluntary Activity (Not Sustainable)



## Rewards

Recognition and incentives for participation in activities, dissemination, and networking



## Expertise Mapping

Ensuring identification of Expertise and Experts



## Effective planning

Of activities, projects, networks, initiatives...

