### Template for Post Event Report<sup>1</sup>

Country: Italy Place: Rome, CNR - Sala Convegni, entrance from Via dei Marrucini Date: 5 June 2023 Format: In-person 190 Hybrid Virtual 47 National Organisers: CNR

#### **Executive summary**

The Italian community convened towards accelerating the transition to Open Science and co-creation of EOSC.

#### Introduction

Promoted by the Ministry of University and Research (MUR), the first <u>Italian Tripartite</u> <u>Assembly for the European Open Science Cloud</u>, <u>ITAEOSC-2023</u>, was hosted on the 5th June 2023 at the Italy's National Research Council (CNR) in Rome, gathering from all over Italy to discuss Open Science policies. The opening session by the CNR President, Maria Chiara Carrozza, welcomed 190 representatives on site, in total 240 participants including virtual access, from Research Performing Organisations, academic community, e-infrastructure providers, digital initiatives and policy stakeholders in the frame of the EOSC.

The event was organised in two block sessions shifting from tripartite initiatives highlighting Open Science (OS) policies in the morning to national initiatives featuring good practices in the afternoon. Both sessions started with the initiatives' presentations, followed by panel discussions, and moderated Q&A discussions.

#### Morning Session by Tripartite Governance Initiatives

The first session was co-chaired by EOSC Steering Board representative, Giorgio Rossi (University of Milano) and EOSC-Association (EOSC-A) Director, Marialuisa Lavitrano. Starting with the European Commission strategy for Open Science, Anna Panagopoulou (European Commission) recognised the clear objective of enabling and rewarding OS practices and skills, emphasising that the transition to OS needs to involve the research community at large. Javier Lopez Albacete (European Commission) also presented an overview of the findings from the European Research Data Landscape Study 2022, showing the focus areas on FAIR data repositories, in order to support this transition to OS in Europe.

From the MUR, Minister Anna Maria Bernini presented the recent establishment of a working group dedicated to OS, in addition to the National Recovery and Resilience Plan (<u>Piano Nazionale di Ripresa e Resilienza</u>, PNRR), to support the transition

<sup>&</sup>lt;sup>1</sup> This form is a template, but national tripartite event organisers can prepare their report according to these guidelines on their own letterhead.



towards OS. She mentioned her vision with EOSC that the MUR is moving towards the construction of a common space for research, which is a fundamental part of the general architecture of the European Union. For connecting the Italian community to EOSC, co-chair Giorgio Rossi presented OS policy contributions by the EOSC Steering Board, in particular, the <u>National Plan for Open Science</u> (<u>Piano</u> <u>Nazionale per la Scienza Aperta</u>, PNSA) that addresses five dimensions of OS:

- scientific publications;
- research data;
- research evaluation;
- open science;
- open data models for public health.

Continued by the EOSC-Association, its role in the Horizon Europe co-programmed EOSC Partnership was presented. EOSC-A Director Marialuisa Lavitrano stressed the importance of community involvement, "Italian organisations are widely represented in the EOSC-A Task Forces, addressing key areas of the implementation to co-create EOSC by a community-driven action". [IR] Ute Gunsenheimer, EOSC-A Secretary General, reflected on tracking progress on EOSC-specific policy objectives and deliverables involving multiple monitoring systems, including elaborating the strategic agenda (SRIA) and multi-annual roadmap (MAR) for the construction of EOSC.

The round table of EOSC-enablers was open discussion on the ongoing and prospective actions towards the fulfilment of the PNSA, contributed by 6 panellists Maria Chiara Carrozza (CNR), Diego Bettoni (INFN), Carlo Doglioni (INGV), Maurizio Tira (GARR), Menico Rizzi (ANVUR), Stefano Ruffo (CRUI). Although each initiative is fully or partly engaged in the transition to OS, it was discussed how they can contribute to the implementation of OS at the national level in a coherent way with the challenge facing their diverse research cultures.

#### Afternoon Session by National Research Initiatives

Co-chair Roberto Cimino (MUR) introduced the second session, interacted in Italian, starting with a presentation by co-chair Donatella Castelli (CNR) on the PNSA expert group and roadmap for implementation, followed by Michele Mazzola (MUR) detailing PNRR towards OS.

Another round table of good practices across the Italian community involved various Italian initiatives in relation to OS and EOSC, featuring FAIR Data Management by Mario Locati (INGV), Data Steward by Francesca Masini (University of Bologna), Virtual Laboratories by Pasquale Pagano (CNR), ICDI Competence Center by Emma Lazzeri (GARR), Open Science monitoring by Paola Galimberti (University of Milano), and Open Science support by Concezio Bozzi (INFN).

In addition, 41 posters on OS-related projects were collected and presented for this event. Specifically, 17 projects are funded by PNRR while the rest (24, see *Section 8.5*) are related to INFRA-EOSC, ESFRI, and others dedicated to OS in general.

#### Summary

The closing session reflected an intense day of discussion and interaction with national OS Initiatives, European research infrastructures and EOSC projects. The event highlighted best practices and lessons learnt to raise awareness of the convergence of diverse research cultures across Italian stakeholders, as well as address the need for a legal entity to coordinate and co-create EOSC. Being greatly appreciated by the community who actively participated in discussion, the co-chairs remarked the event as a promising first step to coordinate OS practices and connect through the registration mailing list for further collaborative opportunities.

### 1. Overview<sup>2</sup>

Describe here the main objectives and topics of the event, target audience, organisers headlines of the programme and the structure of the report.

The aim of the event was to provide information on EOSC, its opportunities for Italian researchers, and to identify coherent goals for all "Enablers" of the Italian research system.

The National Plan for Open Science (Piano Nazionale per la Scienza Aperta, PNSA) is the reference for the Open Data policy of Italy. The PNSA now requires a concerted action plan of all Italian stakeholders for its timely implementation. The engaged participation was represented by the Mandated Organisation, GARR Consortium including ICDI, research performing organisations and universities that are members of the EOSC-Association and actively contribute to its Task Forces.

The morning session started with messages from the Tripartite governance: Minister of Research and Education and MUR DG Internationalisation of Research, European Commission, EOSC Association, EOSC Steering Board. The session then continued with a round table of EOSC Enablers on the ongoing and prospective actions toward the fulfilment of the PNSA.

The afternoon session involved the national research community to discuss the PNSA implementation and the synergies with EOSC. Representatives of ongoing initiatives contributing to the objectives of this plan shared their good practices and lessons learned and identified elements for a coherent action towards the implementation of Open Science in Italy.

(max. 1500 characters)

<sup>&</sup>lt;sup>2</sup> See examples of similar reports on the EOSC-A website. You can choose a country at: https://eosc.eu/tripartite-collaboration

### 2. Main highlights<sup>3</sup>

Provide a summary about the scope and key messages of the presentations.

Javier Lopez Albacete (European Commission) started with key reminders for implementing EOSC by 2027 that EOSC is:

- part of the ERA Policy Agenda, contributing to Action 1 to enable sharing of research knowledge, data and tools across the ERA
- an element of the European strategy for data, representing the European data space for science, research and innovation
- part of the global push as Europe's contribution towards a 'global OS commons' such as RDA, UN, CODATA, G7

Furthermore, Giorgio Rossi, the Italian EOSC-SB representative, emphasised that this implementation shall require a robust organisational and financial solution that can perform procurement and investments, and have operational capabilities, face competition with the commercial sector. Therefore, the work of the SB is critical as are the contributions of national experts to the subcommittees.

EOSC-A Director Marialuisa Lavitrano highlighted the strong Italian engagement in EOSC-A, including 1 MO, 22 Members (accounting for 14% of the total) and 4 Observers. Moreover, 48 individuals from 20 different organisations are members of the EOSC-A TF (8.5%): Research Careers and Curricula; Technical Challenges; Sustaining EOSC.

At the national level, Donatella Castelli (CNR-ISTI) presented a recently launched Expert Group on 17 April 2023 dedicated to PNSA as well as its workplan for implementation coordinated by the Expert Group of Donatella Castelli, Roberto Cimino, Francesca di Donato, Emma Lazzeri, and Giorgio Rossi.

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### 3. Tripartite collaboration

Provide a summary of the tripartite representatives' presentations and contributions

**EC:** regarding the European Commission strategy for Open Science, Anna Panagopoulou (European Commission) recognised the clear objective of enabling and rewarding OS practices and skills, emphasising that the transition to OS needs to involve the research community at large. Javier Lopez Albacete (European Commission) also presented an overview of the findings from the European Research Data Landscape Study 2022, showing the focus areas on FAIR data repositories, in order to support this transition to OS in Europe.

**Italian Ministry of University and Research (MUR):** Minister Anna Maria Bernini presented the recent establishment of a working group dedicated to OS, in addition

<sup>&</sup>lt;sup>3</sup> Include the link to the website where presentations are available

### COCC Focus

to the National Recovery and Resilience Plan (<u>Piano Nazionale di Ripresa e</u> <u>Resilienza</u>, PNRR), to support the transition towards OS. She mentioned her vision with EOSC that the MUR is moving towards the construction of a common space for research, which is a fundamental part of the general architecture of the European Union. For connecting the Italian community to EOSC, co-chair Giorgio Rossi presented OS policy contributions by the EOSC Steering Board, in particular, the <u>National Plan for Open Science</u> (<u>Piano Nazionale per la Scienza Aperta</u>, PNSA).

**EOSC-A:** its role in the Horizon Europe co-programmed EOSC Partnership was presented. EOSC-A Director Marialuisa Lavitrano stressed the importance of community involvement, "Italian organisations are widely represented in the EOSC-A Task Forces, addressing key areas of the implementation to co-create EOSC by a community-driven action". III Ute Gunsenheimer, EOSC-A Secretary General, reflected on tracking progress on EOSC-specific policy objectives and deliverables involving multiple monitoring systems, including elaborating the strategic agenda (SRIA) and multi-annual roadmap (MAR) for the construction of EOSC.

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### 4. Government level contributions

Provide a summary of governmental or public authorities' (e.g., funders) key messages related to EOSC or Open Science national policies

Policy contributions were reported by Giorgio Rossi, the Italian EOSC-SB representative.

- Policy issues addressed in 2023 include how to efficiently populate the FAIR data space with contents that may enable reliable ML/AI tools for assisting research.
  - FAIR data productivity
    - Identify most advanced doers and their productivity bottlenecks, being technological, organisational, sociological.
    - Identify the return in extra value of input data when FAIR and delivered FAIR archives
    - Identify sector-specific issues on FD productivity
    - Identify the investment level required to enhance productivity
    - Identify achievable goals of productivity % of new data for 2027
  - Digitalisation of research
    - Discuss the options of advanced digitalisation such as ML services and the automated research workflow, with RIs (landmarks) and e-IRG
    - Set goals for research and fallouts towards innovation and society
    - Explore the digitalisation of R&D with industrial sector

## COCC Focus

- New EOSC-ESFRI coordination TF to help aligning MS/AC and EC
  - Speedup the implementation of OS
  - Contribute to FAIR data productivity and the 'Web of FAIR data and services for science'
  - Enable an integrated ecosystem of RIs feeding into a dynamic EOSC federation
  - Help delivering EOSC added value to the RI thematic communities and researchers
  - Stimulate cross-border, cross-RI service operations
  - Promote interdisciplinary R&I in Europe
  - Advise on common ESFRI and EOSC approaches towards the European data spaces

In addition, Michele Mazzola (MUR) presented the PNRR towards OS in detail:

- The Next Generation EU program, in line with Mission 4 Education and Research defined in the PNRR finances 11,73 billion euros allocated to MUR
- Strategies to bring PNRR investments back to OS principles:
  - Provide the production of FAIR data in RI's projects
  - Require that RIs be strengthened taking into account the OS approach, being consistent with the PNRR

(max. 2000 characters)

### 5. Relevant quotes

Include some relevant quotes to highlight the different perspectives, including from the tripartite representatives, national representatives and the community (Tip: the tweets of the event will help identify important remarks) <u>EOSC Association (@eoscassociation) / Twitter</u>

"Tasks on the way to create EOSC: how can we do all this? EOSC is a community driven action, let's do it together![IR]" Marialuisa Lavitrano, EOSC Association Director

"The #EOSCTripartite national events allow us to close the loop with the community in our journey towards #OpenScience. More than 20 countries and 1700 participants involved in 2022 and 2023!" Ute Gunsenheimer, EOSC-A Secretary General

"Our organisation CNR is fully engaged in the transition to #OpenScience and in the coordination of research infrastructures in Italy." Maria Chiara Carrozza, CNR President

"The values of #OpenScience inspire our community, @INFN\_ is deeply engaged in promoting OS, as also shown by our involvement in the national centre for #supercomputing, mentioned by @panuccimar earlier." Diego Bettoni, INGV

"We hope that through #EOSC we will reach a fairer approach also to publication. #INGV hosts two key RIs and is fully committed to the implementation of EOSC and #OpenScience." Carlo Doglioni, INGV

"As GARR we have played a key role in the establishment of the EOSC Association as a founding member in 2020 and have been involved in multiple #EOSC related projects in #H2020 and now in #HorizonEU, such as @Skills4Eosc." Maurizio Tira, GARR President

"Already in the previous Evaluation of Research Quality we introduced some elements for <u>#OpenScience</u> and we hope for the next exercise to expand them. It is also important to go global, especially paying attention to the wealth of data coming from Africa." Menico Rizzi, ANVUR

"We will need high quality data and then high quality<u>#opendata</u>, so that researchers and machines can make a good work. Data must be robust, clean, and it is responsibility of the data provider also to make sure that those data remain clean over the time." Giorgio Rossi,\_Università degli Studi di Milano

"In order to tackle the challenges ahead for the implementation of **#OpenScience**, it is extremely important to use existing resources not only in terms of infrastructure and services, but also of people and their expertise!" Donatella Castelli, CNR-ISTI

Some actions are already in progress under different streams, such as the *@lcdiData* competence center or the activities carried out within the *#HorizonEU* project *@Skills4Eosc*, and they must be exploited. Donatella Castelli, CNR-ISTI

*"Field-specific data stewards are an essential piece in the #OpenScience puzzle: let's put them into the picture!"* by Francesca Masini, Università di Bologna

"Getting to know the Data Steward@Unibo service, a pioneering experience for Italy, also going through the difficulties of defining the role and status of data stewards. These are becoming clearer, contributing to the journey towards #OpenScience." Francesca Masini, Università di Bologna

"The <u>@Skills4Eosc</u> project aims to tackle critical issues related to skills for <u>#OpenScience</u> identified in the <u>#EOSC</u> SRIA, involving more than 40 partners in one of the largest <u>#HorizonEU</u> INFRAEOSC projects." by Emma Lazzeri, GARR

"Let's get to know the *@lcdiData* Competence Centre, a network of experts supporting the national community in Italy for *#OpenScience*, *#FAIRData*, and other key issues." by Emma Lazzeri, GARR

*"Only via careful and punctual monitoring we can highlight the strengths and weaknesses of a system and its actions for <u>#OpenScience</u>." by Paola Galimberti, Università degli Studi di Milano* 

"We already operate 190+ VLabs and are working on 30 more for different scientific communities, fully in line with the key *#FAIRdata* principle of "as open as possible, as closed as necessary." by Pasquale Pagano, CNR-ISTI

"We should not ask researchers to do more work manually in order to make their #researchdata FAIR, but we should accompany them with the right tools to enable them to improve the quality and FAIRness of data. This is the concept of VREs in @d4science." by Pasquale Pagano, CNR-ISTI

### 6. Future plans and actions<sup>4</sup>

Identify key information about future plans and actions, and based on the presentations and discussions, elaborate a summary of the main recommendations or suggestions presented for Open Science and EOSC development.

Donatella Castelli (CNR-ISTI) presented a recently launched Expert Group on 17 April 2023 dedicated to PNSA as well as its workplan for implementation:

- Appointed members: Donatella Castelli, Roberto Cimino, Francesca di Donato, Emma Lazzeri, Giorgio Rossi
- Workplan involves the 3 tasks:

1. Apr-Oct 2023 to draft an operational document for the PNSA implementation including priorities, times and any costs;

2. Jul-Sep 2023 to propose processes to identify the activities already in place in the country that can contribute to the objectives of PNSA;

3. Nov-Dec 2023 to monitor the activities that will be carried out in the various stages of the implementation

#### • Challenges

- PNSA drafting 2019-2022: today much better understanding of OS and corresponding service needs
- Building on existing resources: we do not have a clear map yet
- Interoperability with EOSC: evolving context
- Multiple stakeholders: more than initially addressed
- Costs: multiple scenarios and unclear funding model
- Agreed actions:
  - Include in all publicly funded research project grant agreements an open access mandate (deposit or publication)
  - Include in all publicly funded research project grant agreements a mandate for the production of DMP, FAIR data and deposit in trusted repositories
  - Incentivise and support sustainable publishing initiatives (e.g. diamond publishing) governed by scientific communities

<sup>&</sup>lt;sup>4</sup> If you have access to that information, indicate short term objectives (two years' time) for EOSC development in the **country** and dissemination strategy related to the tripartite event.

- Appoint an OS delegate in institutions
- WIP actions:
  - PNRR: FAIR data management is an eligible cost
  - Proposal for the italian national chapter of CoARA: coordination among national experts on reforming assessment
  - ICDI and Skills4EOSC Project: DMP drafting support, training in institutional context, upskilling
  - $\circ$  CoPER OS: monitoring of the costs of OA publications, with particular reference to APC
- NEW actions:
  - Research to support the new OS paradigm
    - IT solutions and services
    - Assessment criteria and processes
    - Economic models
    - Social models
    - Legal aspects and ethics
  - Coordination with Data Spaces

Michele Mazzola (MUR) also presented next steps combining PNRR and PNSA actions to MUR:

- 1. PNRR: monitor project activities; network among OS-funded projects
- 2. PNSA: draw up an operational document for the PNSA implementation; propose processes to identify activities in place; monitor the interventions that will be carried out in the PNSA implementation
- 3. MUR: promote the adoption of OS principles in research funding calls; contribute to the topic of evaluation from an OS perspective
  - e.g. demonstrating 17 posters collected for this event from the PNRRfunded projects.

#### Other initiatives:

Roberto Cimino <u>@mur\_gov\_</u> chairs the afternoon session at <u>#itaeosc</u> <u>#EOSCTripartite @eoscassociation</u> with a speech mentioning changes in the future assessment of grant proposals at european level which include more and more elements of <u>#openscience #EOSCTripartite @eoscassociation</u>

MariaChiara Carrozza (CNR) suggests that the ministry should provide a common framework for research centres, introducing a perspective for Open Science in researcher assessment. We also need investments to implement infrastructure and train people to properly manage data, especially in life science.

Carlo Doglioni (INGV) suggested that a coordination committee should be established to shape a common OS policy for the Italian research community.

Maurizio Tira (GARR) commented that in order to further support the planning and execution of joint activities for OS, some resources from Next Generation EU could be addressed to coordination.

Menico Rizzi (ANVUR) recommended that rewards for researchers in adopting OS principles should be in terms of career progression. RI's evaluation including OS practices will drive all other aspects forward, e.g. OA publications or training of PhD students.

Stefano Ruffo (CRUI): The Italian research community is performing well in creating FAIR research objects, but discipline based information needs to be organised.

(max. 5000 characters)

#### 7. Use cases or practices

Indicate the cases or practices that you identify as particularly successful and illustrative of EOSC development in the country or at institutional level

#### Good practices

- 1. FAIR Data Management, Mario Locati (INGV)
- Aspects to manage data:
  - Phase 1: Data Policy 2015-2018
  - Phase 2: Data Management Office 2018 to internally promote the adoption of OS paradigm
  - Phase 3: Data Registry 2019 following FAIR principles
- Lessons learnt
  - Important to set up a permanent monitoring and keep guidelines updated
  - A Data Management Office is key to coordinating multiple actors
  - The Italian mechanism to evaluate Research Outputs currently ignores data, and researchers are not motivated to fully support the transition to OS
  - Increased activities related to data management, missing HRs
- Next steps
  - Prepare our next generation Data Policy by the end of 2023
  - Investigate the EOSC landscape via ICDI and direct membership
  - Establish the 'Italian Platform for Soldi Earth Science' funded by PNRR by 2025
- 2. <u>Data Steward</u> @Unibo, Francesca Masini (Università di Bologna)
- The University of Bologna provides the centralised service for Research Data Management due to the need for Data Stewards to expand the OS culture within the University, according to its Strategic Plan 2022-2027.
  - Challenges to define Data Stewards' professional profile and establish a community of practice.

- Contributions to EOSC Task Force (Data Stewardship, Curricula and Career Path) and RDA Interest Group (Professionalising Data Stewardship)
- Collaborations with Skills4EOSC to create a survey to map Data Steward-like figures in Italy
- EOSC advocated for Data Stewards to be available in RPOs in Europe to support OS.
  - Future steps include possibilities for career paths, long-term sustainability, and national community of practice
- 3. <u>Competence Center</u>, Emma Lazzeri (GARR)
- ICDI Competence Centre is a network of experts with functional skills to support the national community for OS, FAIR principles as well as facilitate the participation of the Italian research community in the EOSC.
- Skills4EOSC aims to establish a Competence Centre Network for OS, FAIR and EOSC (CCNet) and coordinate the network nodes.
- The collaboration between ICDI and Skills4EOSC is advancing OS in Italy, facing challenge and needs:
  - Identifying the experts
  - Community building
  - Empowering from the bottom-up while strengthening with top-down
  - National Sustainability Plan for the ICDI Competence Centre
- 4. Virtual Laboratories, Pasquale Pagano (CNR-ISTI)
- The vision is to support researchers and scientists in doing science by enriching their activities with the information that enables sharing and reuse of their scientific workflows as well as making their research objects ready for publication
- VRE exploitation includes supporting education and training, collaborative data analytics, and development of new analytic methods, involving communities from EU projects, ESFRI, PNRR projects, international organisations and government body
- High-demand for sustainable VREs
  - Enabling 'as open as possible, as closed as necessary' principles
  - Accelerating the sharing of research products
- 5. <u>Open Science Monitoring</u>, Paola Galimberti (Università degli Studi di Milano)
- OS observatory initiated by a group of universities and research centres agreed on developing a template in XLS at the national level for monitoring OS indicators: Policies; FAIR data; Publications; Rights; APCs; BPCs; University Publication; Citizen Science; Trainings
  - At European level (OpenAIRE, EOSC Monitor)
  - At national, local level (OS reports)
  - Mutual learning
- 6. Open Science Support @INFN, Concezio Bozzi (INFN)
- INFN active in OS projects

- Participation in OS initiatives in Italy such as CoPER and ICDI
- Participation in EOSC-related projects
- Co-coordination in multi-disciplinary PNRR projects
- OS activities in practice
  - Open archives
    - Open source platforms and products
    - ALEPH open data on EUDAT CovidStat19 based on FAIR principles
  - ESCAPE VRE
  - Data Management Plan for experiments in 4 national labs
- Alignment with all the PNSA's axis
  - Access to scientific publications
  - Open data policies for research data at CERN, OPERA etc.
  - Research evaluation in line with RA and CoARA
  - OS, scientific community and European partnership
  - Opening research data on SARS-COV2 and COVID-19 (COVIDSTAT Open Data project)
- Lessons learned and
  - Meta/data curation throughout the entire data lifetime
  - Need for Data Stewards
  - No 'voluntary' basis projects, depending on European funding as well as complementary funding needed at the national/institution level

(max. 3000 characters)

### 8. Main indicators

Provide the main indicators related to the audience

#### 8.1 Indicators organisation event

Official name of the event: The Italian Tripartite Assembly for the EOSC: ITAEOSC-2023 Starting Date: 5 June 2023 Ending Date: 5 June 2023

Thematic profile (was there a specific theme to the event apart from the Tripartite collaboration?): National Plan for Open Science (PNSA) National Recovery and Resilience Plan (PNRR)

Target audience:

Representatives of Ministries involved Representatives of the EU Commission Representatives of the EOSC-Association Representatives of the EOSC Board Presidents of RPOs and Rectors Representatives of PNRR-funded projects Researchers operating actively in the implementation of the Open Science approach Knowledge brokers acting "in-between" policy and research organisations

#### 8.2 Profile of participants

Total number of participants: 237

In-person: 190 Virtual (online): 47

Gender (%): Male: \_\_\_\_\_43\_\_\_\_ Female: \_\_\_\_\_57\_\_\_\_ Other: \_\_\_\_\_

#### 8.3 Type of participants affiliation

Research Performing Organisations: 162 (number of participants) Research Funding Organisations: 1 Service providing Organisations: 16 Libraries: \_\_\_\_\_ Public administration: 7 Others: 4

#### 8.4 Sectors

#### (Optional)

Identify from the participants registration form and the attendance list, which sectors were present in your event (e.g. Health, Education, ...)

#### 8.5 EU HE InfraEOSC funded projects, dataspaces or other partnerships participation

Please indicate name of projects and partners from EU funded projects that participated in your event (this question should be included in the registration form)

#### Posters by INFRA-EOSC, ESFRI and other OS related projects

- 1. BBMRI.it,
- 2. Blue-Cloud,
- 3. CRAFT-OA,
- 4. CRUI,
- 5. D4Science,
- 6. EPOS,
- 7. E-RIHS,
- 8. ExPaNDS,
- 9. FAIRCORE4EOSC,
- 10. Generations and Gender Programme,
- 11. GraspOS,
- 12. GUIDE,
- 13. ICDI,
- 14. NFFA-EU.
- 15. NODC,
- 16. OpenAIRE,
- 17. RESILIENCE,
- 18. Ritrain,
- 19. SciLake.
- 20. Sensitive Data FAIRification,
- 21. SHARE,
- 22. Skills4EOSC,
- 23. Skills4EOSC + ICDI,
- 24. University of Milan

## COCC Focus

#### 9. Programme and List of organisations that participated at National **Tripartite** the Event Provide the agenda or programme posted by the organisers for the NTE and the list of organisations according to participants affiliation https://open-science.it/itaeosc2023 ANVUR APRF AREA SCIENCE PARK ASI **BBMRI-ERIC CERIC-ERIC** CNR CRFA CTAO ELETTRA SINCROTRONE TRIESTE EMSO-ERIC FNFA EOSC-A **EPOS-ERIC** EURAC RESEARCH EUROPEAN COMMISSION FSCIRE GARR INAF INFN INGV INTELLERA CONSULTING **ISPRA** ISS INSTITUTO MARIO NEGRI ITRN KAIRUS LIFEWATCH-ERIC MFF MSAL MUR OGS **RESILIENCE RI** SIRIS ACADEMIC SISSA SNS UNIVERSITAT