

National Commitment to EOSC - Italy - National Plan



PIANO NAZIONALE PER LA
SCIENZA APERTA

PNSA

Italy has adopted the **National Plan for Open Science** in 2022

It has implications on the research data at several levels:

- integration of italian FAIR data with **EOSC**
- Promote funding for **FAIR-by-design** solutions
- Promote collaboration on **all research objects**
- Develop **skills** and new **technical staff** for research data management

2. I DATI DELLA RICERCA SCIENTIFICA

OBIETTIVI

- contribuire alla realizzazione del paradigma dei dati FAIR nel sistema ricerca italiano e alla loro integrazione in EOSC [Racc. 790/2018 Art. 6]
- promuovere gli investimenti necessari per la produzione di nuovi dati FAIR-by-design con la generazione automatica, ove possibile, dei metadati e della appropriata informazione contestuale che ne faciliti la ricerca e il riuso [Racc. 790/2018 Art. 3 e 4]
- favorire processi di produzione collaborativa di dati e altri risultati della ricerca offrendo ambienti e servizi condivisi per la loro produzione, gestione, e uso [Racc. 790/2018 Art. 5]
- avviare la formazione delle figure tecniche di supporto alla gestione dei dati della ricerca [Racc. 790/2018 Art. 8]



National Commitment to EOSC - Italy - ICDI

ICDI – mandated organization + 27 members of  eosc association, including RIs, RPOs, and Universities



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ICDI Competence Centre

THE MISSION OF THE ICDI COMPETENCE CENTRE (ICDI-CC) IS TO CREATE A NETWORK OF EXPERTS, INITIATIVES AND RESEARCH INFRASTRUCTURES WITH VARIOUS FUNCTIONAL COMPETENCIES TO SUPPORT THE ITALIAN NATIONAL COMMUNITY DEDICATED TO THE OPEN SCIENCE, THE FAIR PRINCIPLES FOR RESEARCH RESULTS AND FOR THE ITALIAN PARTICIPATION IN THE EUROPEAN OPEN SCIENCE CLOUD (EOSC) INITIATIVE.

National Commitment to EOSC - Italy - financial resources

In 2021 Italy has assigned **580 M€** to Research Activities of International Relevance (**Research Infrastructures**) operated by national RPOs.

These are mostly listed in the ESFRI and Italian Roadmaps, and comply with Open Data Policies.

An estimate of **8% to 10%** of that budget is the **running support to research data technology and openness**.

In 2022 Italy has assigned **NRRP** projects for over 1.5 G€ to Research Infrastructures (2023-2025) all oriented to open science practices (by the [PNSA](#)).

Among those two are mostly data Infrastructures: **SoBigData (CNR)** and **TeRABIT (Academic Big Data - INFN)** for a total of **61 M€** (2023-2025).

Two RIs in the Social and Cultural Innovation sector are also mostly data infrastructures:

FOSSR – Fostering Open Science in Social Science Research (CNR) and **H2IOSC – Humanities and Cultural Heritage Italian Open Science Cloud (CNR)** for a total of **74 M€** (2022-2025)



National Commitment to EOSC - Italy - financial resources

NEXT GENERATION EU: THE ITALIAN NATIONAL CENTRE FOR SUPERCOMPUTING

The National Research Centre in High Performance Computing, Big Data and Quantum Computing **ICSC** was proposed by **INFN and 51 founding members**, coming from the public and private sectors, from scientific research and industry.

The **ICSC** will be based at **Tecnapolo in Bologna**, an innovation hub already hosting the Data Center of the **European Centre for Medium-Range Weather Forecasts (ECMWF)** and the **Leonardo supercomputer** managed by **CINECA** and by **INFN**.

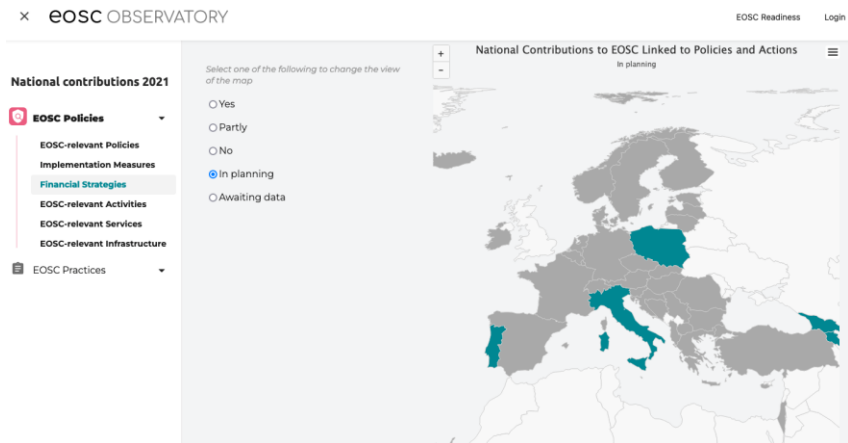
The aim is to build a **distributed, cross-organisation infrastructure** that supports **scientific research and the production world in innovating and digitalising the country**.

ICSC will count on EU Next Generation funds, as part of the PNRR's coordinated by MUR, of **320 M€** (2023-2025).



National Commitment to EOSC - Italy

In terms of **direct** earmarked funds to finance the actions defined under the [Piano Nazionale Scienza Aperta](#) work in progress along with the definition of procedures to enforce the plan.



National Commitment to EOSC - Czech Republic

17:15 – Implementation of the EOSC
17:25 CET initiative in the Czech Republic

[Lukáš Levák, Director of Department for Research and Development at Ministry of Education, Youth and Sports in Czech Republic](#)



LUKÁŠ LEVÁK

Mr. Lukáš LEVÁK joined the Ministry of Education, Youth and Sports of Czechia in 2009, after completing his studies (*History, Latin America Studies*) at the Charles University. Before he was appointed the Director of Department for R&D (2014), he had been in charge of development of bilateral collaborations of Czechia in R&D and participation of Czechia in the ARTEMIS and ENIAC Joint Technology Initiatives under the 7th EU Framework Programme for Research and Innovation.

Since 2014, Mr Lukáš LEVÁK serves as the Director of Department for R&D, which consists of the Unit for Research Infrastructures and the Unit for European Research Area. His duties and responsibilities, therefore, comprise particularly policy-making and public funding of research infrastructures (including Czech memberships in international R&D organisations and ERIC consortia), and formulation and implementation of the Czech national strategy for international cooperation in R&D in the framework of the European Research Area (including agenda of the EU Competitiveness Council of Research Ministers).

As of 2014, Mr Lukáš LEVÁK has been a Czech delegate to ERAC (*European Research Area and Innovation Committee*) and also serves as a delegate to ESFRI (*European Strategy Forum on Research Infrastructures*) since 2019. Mr Lukáš LEVÁK represents the Czech Ministry of Education, Youth and Sports at many platforms, such as the ERA Forum, the ELI ERIC General Assembly (*Extreme Light Infrastructure European Research Infrastructure Consortium*) and the ESS ERIC Council (*European Spallation Source European Research Infrastructure Consortium*).

In 2022, he's been the lead-coordinator of the research policy agenda of the Czech Presidency of the Council of the EU.



European
Commission



Thank you!



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