

# Project's overview

Nicoletta Carboni CERIC-ERIC

# OVERVIEW



# In response to the EU call on EOSC HORIZON-INFRA-2023-EOSC-01-01

- Building on the <u>Science Cluster</u> approach
- to ensure the uptake of EOSC by research communities

#### **Partners**

- Coordinator: CNRS LAPP
- 15 partners, 2-3 representing each <u>Science Cluster community</u>

# **Budget and timeline**

- Starting date: 1 January 2024
- Duration: 4 years
- EC funding: **25** M€ (100%)

# **Research Infrastructures and Communities**

The science clusters have grown out of five collaborative projects funded by the European Union in 2019 to link ESFRI and other world-class Research Infrastructures (RIs) to the European Open Science Cloud (EOSC). The services developed by the clusters and other outcomes of the projects are cornerstones of the emerging EOSC fabric and support both disciplinary communities and multidisciplinary initiatives with harmonised models for access to data, tools, workflows and training. Each cluster unites multiple RIs in their specific scientific domain.



#### Science Clusters fostering the uptake of Open Science in Europe

OBJECTIVES





A) Consolidating achievements from the five H2020 INFRA-EOSC-2018-01-04 projects into lasting interdisciplinary services and working practices towards:

- More cohesion;
- Leveraging cross-domain approach and cooperation with einfrastructures;
- **Cross-fertilization** for shared solutions of key services for researchers in all domains;
- Cooperating and supporting the EOSC partnership.

# OBJECTIVES



B) Leading and fostering the involvement of a broad range of research communities in EOSC via the development of new Open
Science projects to drive the uptake of FAIR-data-intensive research throughout the ERA by:

- Contributing to a **data space for science, research and innovation**, integrated into the other data spaces described in the European Strategy for Data.
- Pursuing the creation of pan-European research-enabling value-added services;
- Fostering the coordination of national activities, European RIs and the scientific community at large, including the long tail of science;
- Fostering **interdisciplinarity** for achieving challenging new science pathways.

# €16 million

IN OPEN CALLS FOR OPEN SCIENCE PROJECTS



- **Open Science practice**: increased scientific impacts via the support of Open Science projects;
- Community-based Competence Centres (CCC), contributing to the sustainability of the Science Cluster actions, fostering their impacts, supporting and aligning operations of ESFRI and other RIs and involving the long tail of science.
- **Composable Open Data and Analysis Services (CODAS)** (service catalogues, data hubs, analysis platforms, etc.) onboarded into the EOSC, fostering the alignments of practices in scientific data analysis and enhancing researchers' participation in Open Science.
- An established inter-cluster web-based "scientific social network" in Europe. Training, mentoring, cross-disciplinary events and cross-cluster developments.



- Operational Competence Centres
- Uptake of web-based highly composable platforms for Open Science data analysis;
- Stronger involvement of scientific communities in Open Science and the shaping of EOSC;
- Enhancing and further structuring of the successful **cross-fertilization** work built by the Science Clusters;
- Economy of scale of (cross-cluster) services;
- Enable a **largely participative research ecosystem**, promoting provenance tracking to research outputs and contributing to the evolution of research assessment methodologies.

# CASCADING-GRANT CALLS FOR OPEN SCIENCE PROJECTS



March 2024 Online

Opens: ~ March 2024 / Nov. 2024

- Submission within 60 days
- Project start: Sept-Dec. 2024 / Aug-Oct. 2025
- Budget: 100 250 k€ / project
- Duration: 1 2 years

#### GOAL:

Build on the science cluster approach to ensure the uptake of EOSC, i.e., consolidate FAIR services of the five Science Clusters and, more broadly, perform excellent science and pursue societal benefits by leveraging an Open Research approach.

# **TARGET USER COMMUNITIES:**

Science Clusters and wider community (RIs, Universities, Institutes, either consortia, or individual researchers)

# **Evaluation criteria for the independent expert panel**

- Project description: clear objectives, towards FAIR and open
- Scientific impacts: multiple RIs / cross-cluster
- Digital resources: use of EOSC services / new EOSC service
- Implementation: realistic within budget

# OPEN CALLS – PROPOSAL'S GUIDELINES



- 10 pages max
- Language: English

#### **PROPOSAL'S STRUCTURE**

- Proposal Title and Acronym
- Open Science/Data FAIRNESS challenge(s)
- Domain
- Consortium composition
- Duration and financial support
- Summary
- **Project description**
- Scientific impacts
- **Digital resources**
- Project Implementation, Budget Breakdown and Final Deliverables



# **Deliverables for public dissemination:**

- A final project summary in PDF format of maximum 5000 characters, including spaces.
- A presentation
- A "scientific journal or journal-type" article summarising the main project results and methodology used to achieve them.



# Thank you