



# The EOSC Association - the Voice of the Community

Suzanne Dumouchel, Director, EOSC-A

Paris, 11 September 2025

# eosc EOSC-A family by membership category

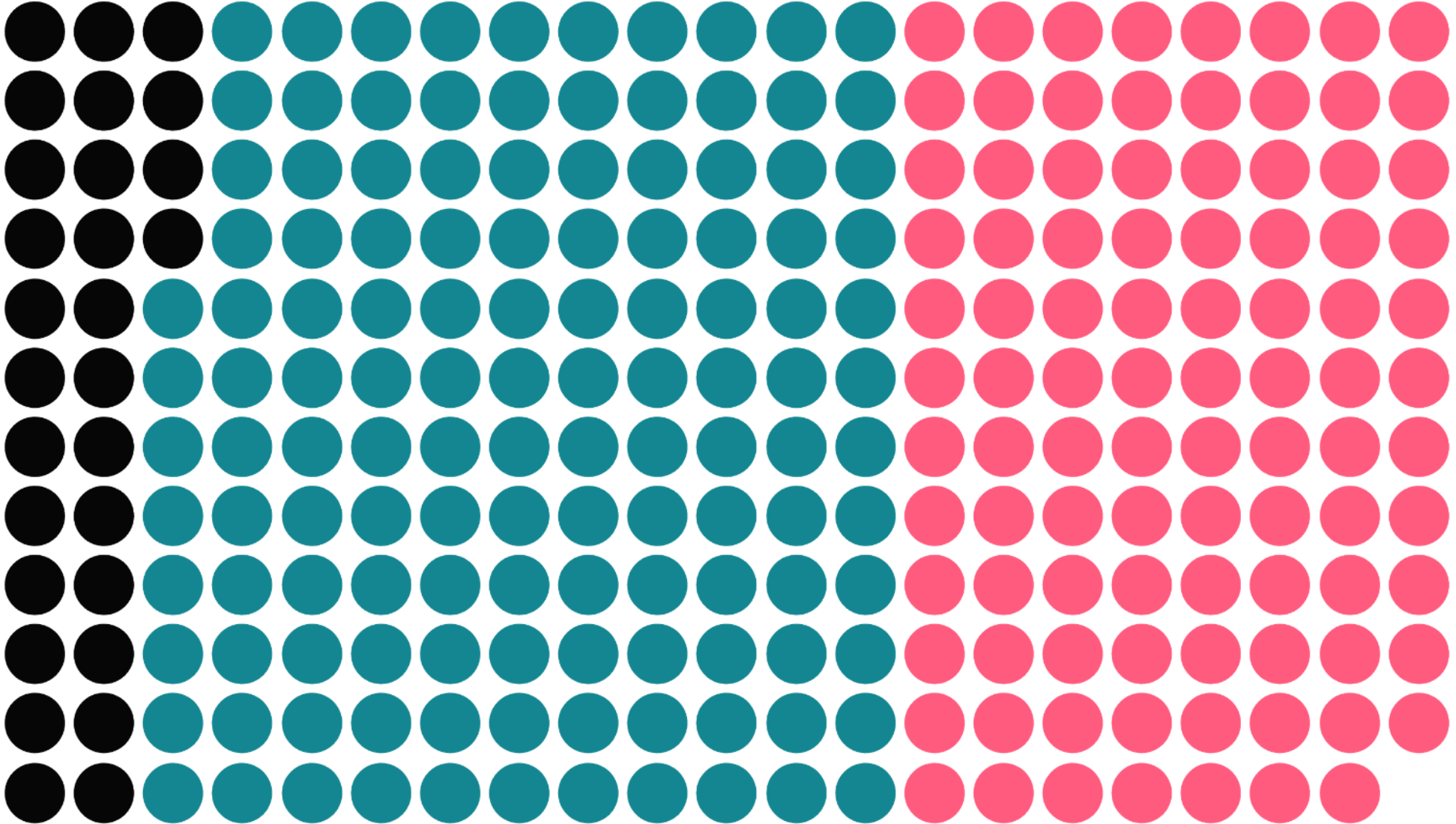
● = 1 organisation

28  
Mandated  
Organisations

128  
Members

95  
Observers

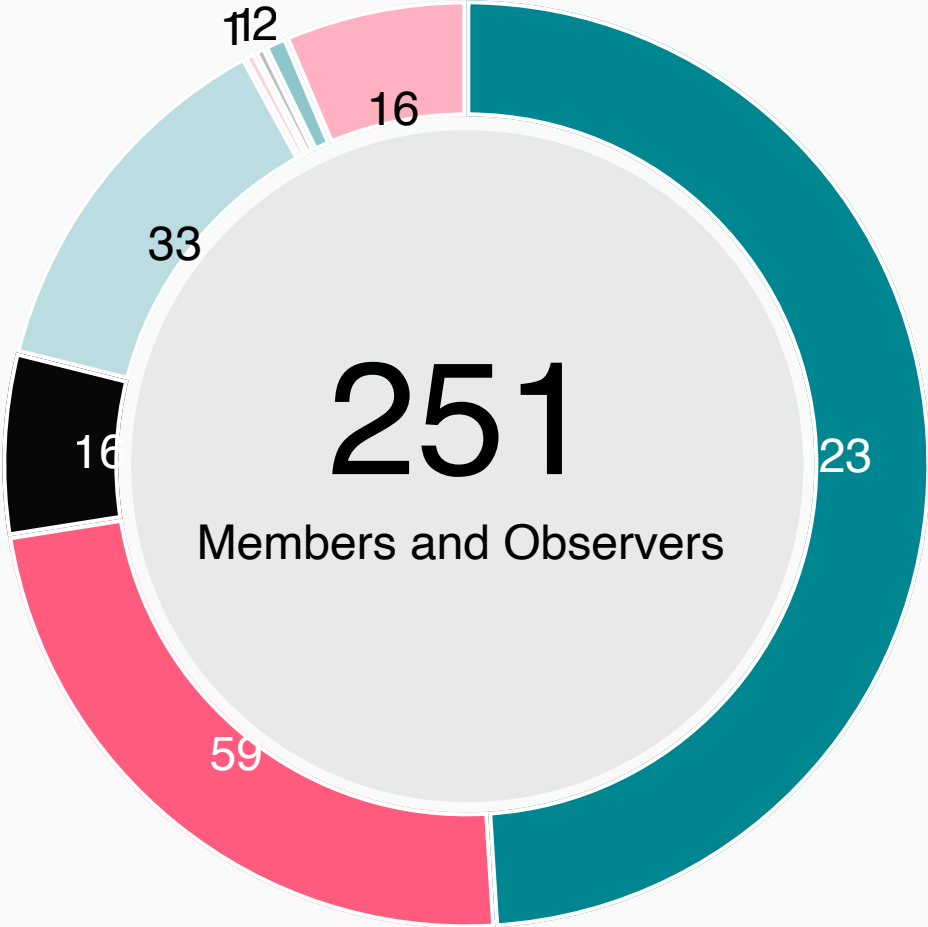
251  
Total





# eosc EOSC-A family by organisation type

- Research Performing
- Service Provider (Including RI)
- Research Funding
- Research Performing, Service Provider (Including RI)
- Research Performing, Research Funding
- Research Performing, Service Provider (Including RI), Other
- Research Funding, Service Provider (Including RI)
- Other



eosc Organisations reached indirectly via EOSC-A membership

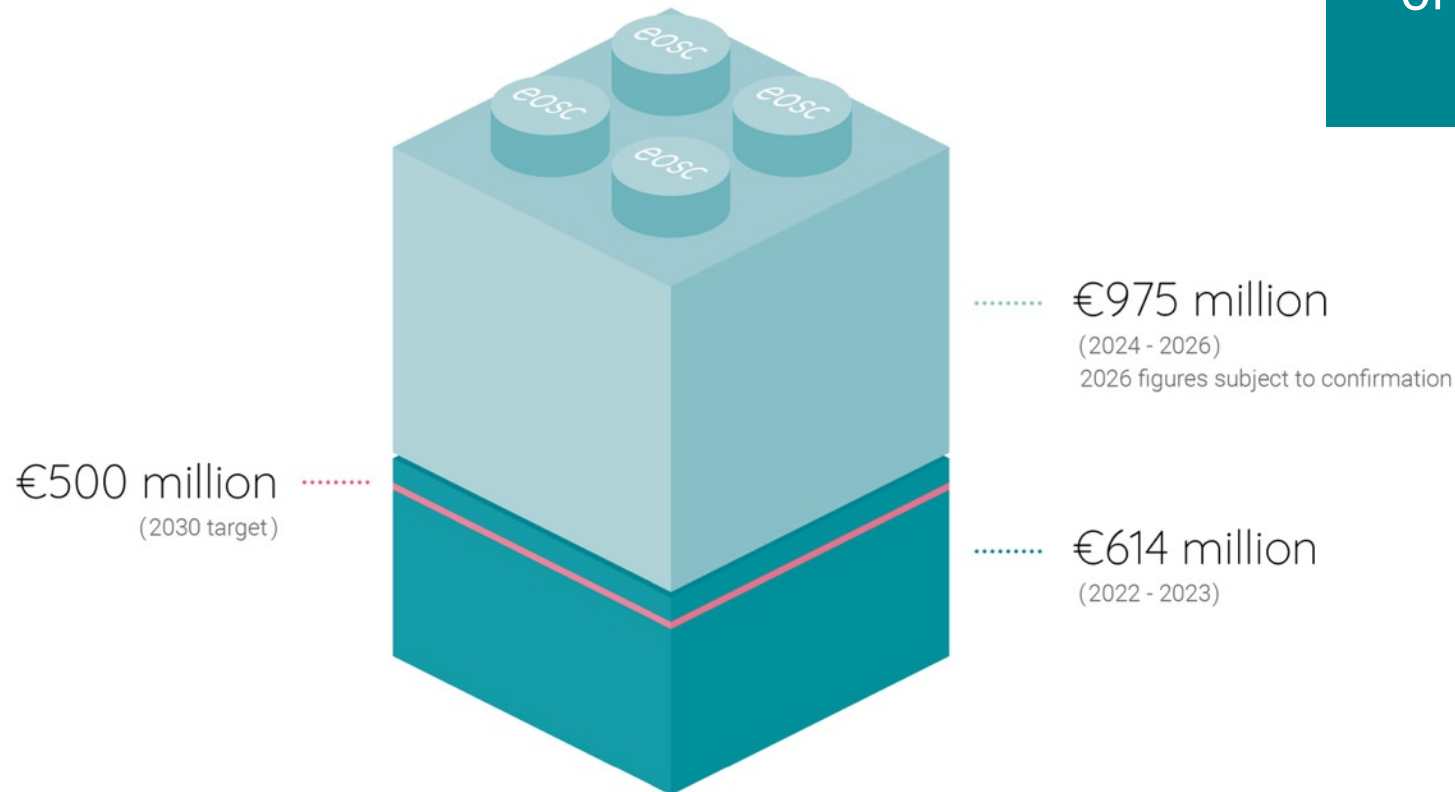


# In-kind contributions

from EOSC-A Members to the EOSC Partnership

- Additional Activities Planned (AAP)
- Additional Activities Reported (AAR)
- EOSC Partnership 2030 target

€1.6 billion  
(Including preliminary 2026 figures)



The final validated contributions from EOSC-A members in 2023 totalled **€322M**

Additional Activities Plan 2025 projects membership contribution of **€340M**

2021



2023 / 2024

eosc | AqualNFRA

eosc | Blue-Cloud2026

eosc | FAIR-EASE

eosc | EuroScienceGateway

eosc | FAIRCORE4EOSC

eosc | FAIR-IMPACT

eosc | Focus

eosc | RAISE

eosc | Partnership

eosc | ENTRUST

eosc | SIESTA

eosc | TITAN

eosc | OSCARS

eosc | Lumen

eosc | DataGEMS

eosc | FAIR2Adapt

eosc | BEYOND D

eosc | Tripartite

eosc | EVERSE

eosc | cancer

eosc | GRAVITY

ClimateAdapt | eosc

AI4 | eosc

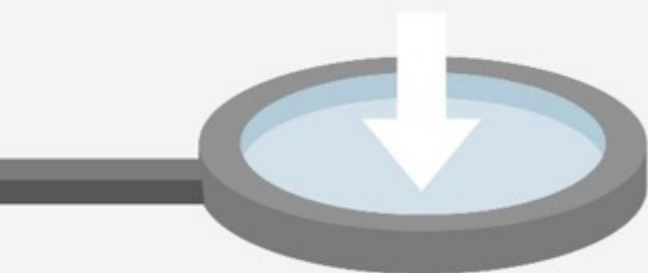
eosc | DATA COMMONS

eosc | FIDELIS

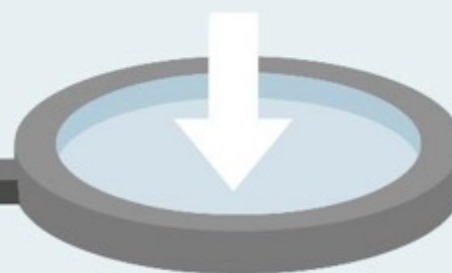
CRAFT-OA | eosc

eosc | TIGER

eosc | Steering Board

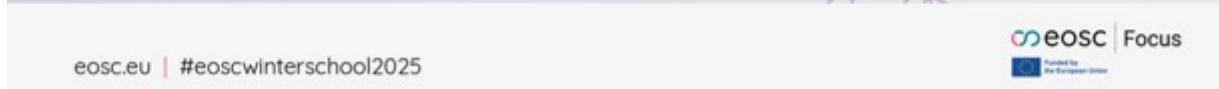
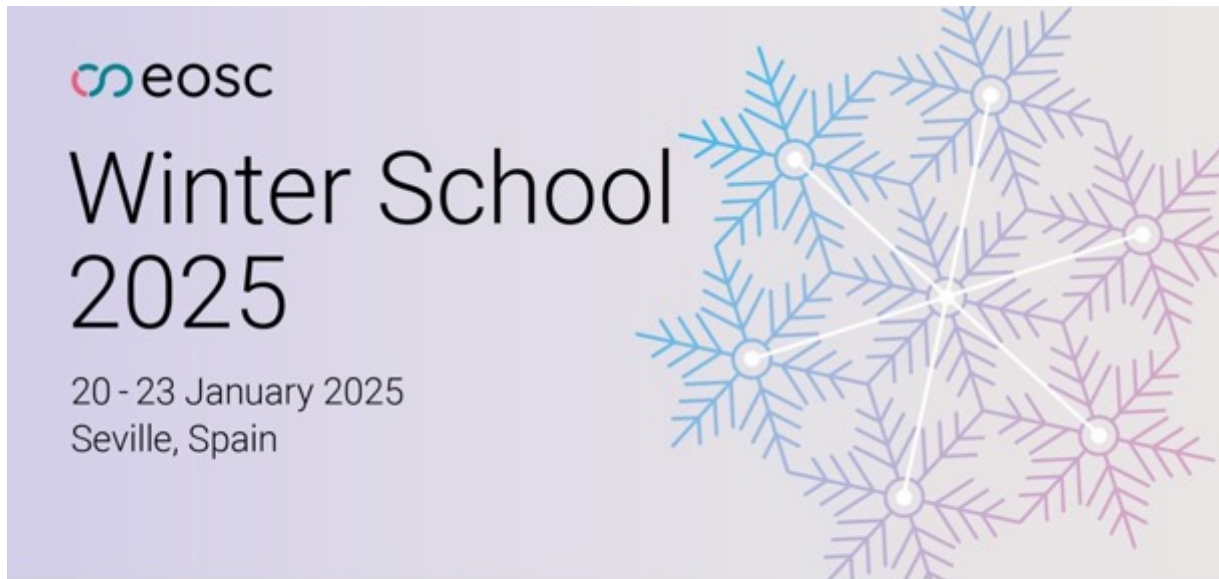


eosc | Focus



eosc









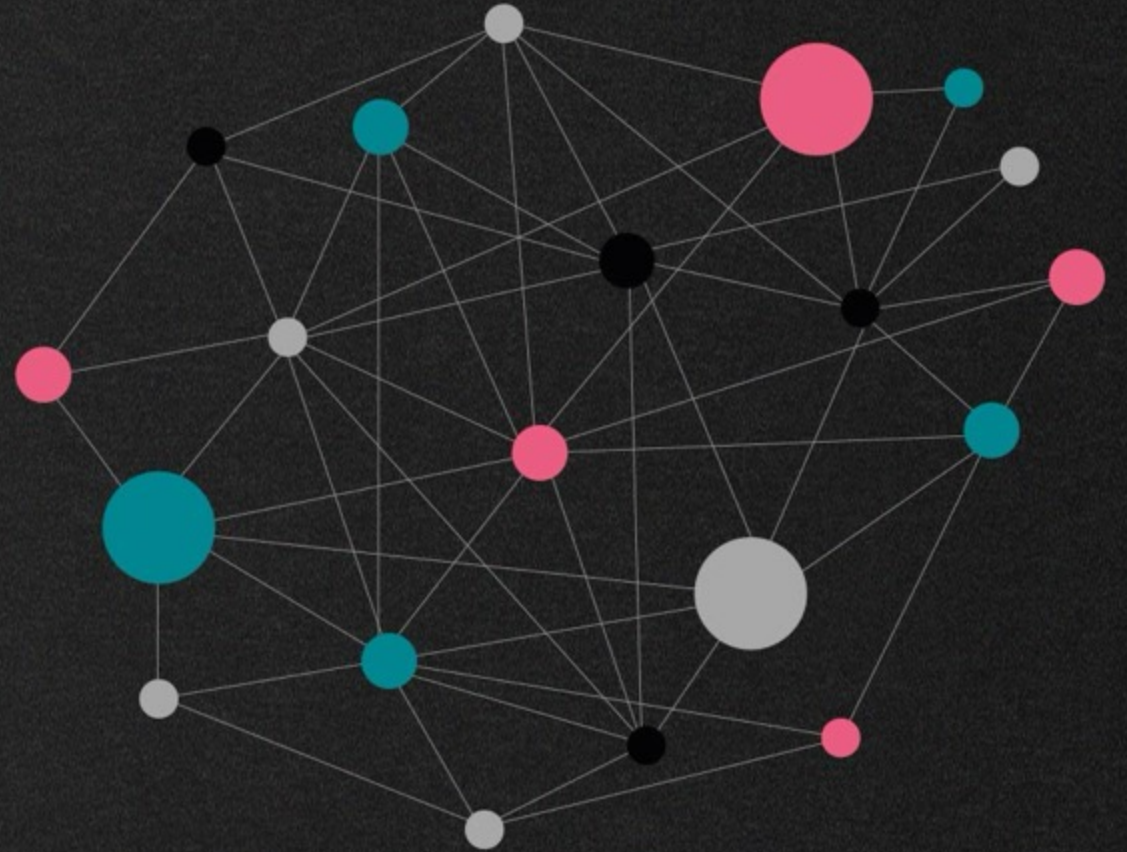
# Winter School 2026

The week of  
26 January - 1 February / **Nice**

Save the date!







# Building the EOOSC Federation

# Principles for Building the EOSC Federation



**The vision for EOSC** is to establish a system that enables researchers in Europe to store, share, process, analyse, and reuse FAIR research outputs—such as research data, publications, and software—across disciplines and borders.

- **System of systems approach:** Build on existing and planned infrastructures to create an interconnected ecosystem.
- **Inclusivity and accessibility:** Ensure low barriers to entry, ease of use, and broad participation.
- **Community-driven and participatory:** Engage the research community in co-creating and shaping the Federation.
- **Trust, security, and governance:** Establish clear rules, monitoring, and enforcement mechanisms to ensure a safe and reliable environment.
- **Flexibility and adaptability:** Allow for an evolutionary approach, adapting based on findings and lessons learned.
- **Autonomy and control:** Respect institutional autonomy while ensuring that data and service owners retain full control over shared resources and openness levels.
- **Broad engagement and transparency:** Keep all interested stakeholders informed and involved in key developments.

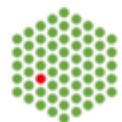
# eosc 13 Candidate Nodes + EOSC EU Node



eosc | Blue-Cloud2026



EMBL





# eosc Journey of the Build-up Group

1



**Kick-off workshop of the EOSC Federation**  
17-18 March 2025, Brussels

3



**EOSC Federation Build-up Group meeting #7**  
01-02 October 2025, Helsinki

2



**EOSC Federation Build-up Group meeting #4**  
17-18 June 2025, Krakow

4



**EOSC Federation transitions into operational phase**  
03-05 November 2025, Brussels

# Status of Subgroups

Established

In Preparation

To be scheduled

## Capabilities

Fed. AAI  
*Christos Kanellopoulos (EEN/GEANT)*

Service Catalogues interoperability & integration  
*Jessica Parland-von Essen (CSC) & Paolo Manghi (EEN/OpenAIRE)*

## Resources

Integrating scientific data repositories  
*Marcin Wichorowski (EOSC-PL)*

Fed. Compute & Storage  
*(Giacinto Donvito)*

VRE  
*(Leonardo Candela)*

File Sync & Share  
*Ron Trompert (SURF)*

s/w distribution

Training platforms and community engagement

## Science

Scientific Workflows  
*Tibor Simko (CERN)*  
*Björn Grüning (NFDI)*

Sensitive Health Data  
*Andreas Türk (BBMRI)*

## Governance

Cybersecurity  
*(Urpo Kaila)*

Preparation of MoU  
*Peter Maccallum (LSRN)*

Handbook Review  
*Andy Gotz (PaNoSC/ESRF)*

Node platform & Biz models

Tech assessment & policies

Monitoring, evaluation and impact of EOSC Federation activities to be addressed by Build-up Group

# Candidate multi-node scientific use cases

Coordinator Dick Schaap

- Exploring the impact of marine microbiomes on carbon sequestration

Coordinator Tibor Simko

Coordinator Björn Grüning

- Cross-node workflows
- - *REANA based ATLAS/CMS experiments' open data processing*
- - *Galaxy based imaging data in the environmental and life science domains*

Coordinator Andy Götz

- PaN-Finder: Photon and neutron federated knowledge finder an AI-enabled data search tool for navigating the large data sets of European Research Infrastructures

Coordinator Andreas Türk

- MCVAL: A prostate cancer screening tool that employs multi-centric validation of AI models

Coordinator Jaroslav Budis

- AMR: Use of genomic sequencing analysis to facilitate cross-border surveillance of anti-microbial resistance



# Why EOSC is pivotal to European competitiveness

DOI 10.5281/zenodo.15083486



# eosc EOSC as a flagship policy initiative

Contributing to the EU's strategic ambitions

**Address grand societal challenges** by facilitating large-scale, data-driven research efforts that enhance Europe's global scientific competitiveness

**Strengthen research infrastructure and interoperability** by standardising data-sharing protocols

**Support European leadership in artificial intelligence** by providing high-quality, FAIR data essential for AI model training



**Strengthen European digital and data sovereignty** by creating a European Knowledge Commons

**Enhance security and trust in research data management** through a federation model aligned with GDPR, cybersecurity directives, and the Data and AI Acts

**Boost European productivity and innovation** by promoting FAIR data principles, reducing duplication, and streamlining research efforts

**Advance social equity and inclusivity** by democratising access to research data

- EOSC is **anchored in the EU policies** (ERA, AI, Research & Technology Infrastructures etc.)
- It is **positioned as Europe's research data space in FP 10** and can make a significant contribution to make Europe the world's most trusted home for critical data for research, giving European researchers, universities, and companies unparalleled competitive advantage in tackling pressing global challenges, from climate change to pandemics.
- The **EOSC EU Node** the seed in the ground of the EOSC Federation
- EOSC-A is not only the **voice of a broad and committed community** (see impressive Activities contribution of 1,6 BEUR), but also
- The **leader on the build-up of the EOSC Federation**, driven to deliver first results by the EOSC Symposium in November 2025
- EOSC-A stands **ready to keep on leading on the EOSC Federation** under a new governance framework post-2027
- Now it is time for the **Member States to come forward:**
  - Continue to **support and invest nationally**
  - **Commit on European level**

