

# EOSC Support Office Austria

Q2 2026



# OVERVIEW

Vision

Implementation (2020-2024)

Implementation (since 2025)

Objectives

Partners

Associated Partners

Results

Ways to get involved

Further Links

# Vision: **E**(uropean) **O**(pen) **S**(cience) **C**(loud)

The EOSC Federation is creating a trusted, secure and sovereign data ecosystem in Europe.

This enables the shared (re-)use of data, services, and tools for research, industry, and education across borders and disciplines.

See also: <https://eosc.eu/building-the-eosc-federation>

# Implementation (2020-2024)

**EU:** In 2020, the **EOSC Association** was founded at the European level to enable the systematic and structured development of EOSC.

**AT:** The **national action plan** (ERA-NAP 2022-2025) of the BMBWF (now: BMFWF) defined steps to implement EOSC in Austria.

**Cross-institutional:** The **EOSC Support Office Austria (EOSC SOA)** was founded to serve as the operational unit of the **Austrian EOSC Mandated Organisation** – a function legally carried out by the **ACONET Association** – and support national **research institutions**.

# Implementation (since 2025)

## EU – EOSC Build-Up Phase

- Crucial step in transforming Europe's research data ecosystem
- Aims to **create a trusted, secure, and sovereign common space** for high-quality, FAIR research data and related services
- Includes the launch of the **EOSC EU Node** & the joining of **13 Candidate EOSC Nodes (2025)**
- Nodes are working together to build a fully operational **EOSC Federation**

## AT – Establishing an Austrian EOSC Node

- Jul 25: **Consultations** with EOSC SOA partners started
- Sep 25: **Identification** of potential node services started
- Nov 25: **Discussions** at the EOSC SOA General Assembly
- Feb 26: **Submission** of EOSC Gravity Preparatory Grant to proceed with the establishment of a national node
- Apr 26: **Acceptance** of EOSC Gravity Preparatory Grant
- May 26: **Kick-Off** EOSC Gravity Preparatory Grant

## EOSC Gravity - Preparatory Grants Open Call

### Guidelines for Applicants

Call id: EOSC Gravity Preparatory Grant Open Call

Call opening: 3<sup>rd</sup> November 2025

Call deadline: 18<sup>th</sup> February 2026, 17:00 CET Call

budget: 800 000€

Funding body: ESF

Expected duration of projects: 6 months Maximum

amount of funding per project: 50 000€

Weblink for further information: <https://eosc.eu/eosc-about/calls-grants/> Contact:

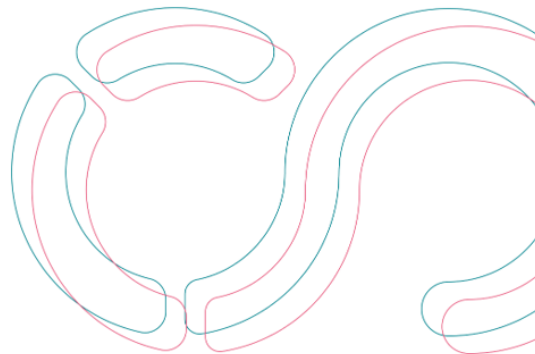
[EOSC-Gravity-grants@esf.org](mailto:EOSC-Gravity-grants@esf.org)

Open Call platform: for a first connection:

[https://esf.smartsimple.ie/s\\_signup.jsp?token=XVtQC1oGYV5ZSxtZXxjXRlJWYUIIH3Rt](https://esf.smartsimple.ie/s_signup.jsp?token=XVtQC1oGYV5ZSxtZXxjXRlJWYUIIH3Rt)

for subsequent connections: <https://esf.smartsimple.ie>

All the Open Call documents and templates available for download at: <https://eosc.eu/eosc-about/calls-grants/>



# Objectives

- **Goal:** Achieve Candidate EOSC Node status
- **Plan:** Submit Project Charter in Wave 3 (expected Q4 2026)
- **Funding use:** EOSC Gravity grant supports Project Charter preparation

## Austrian EOSC Mandated Organisation

The ACONET Association, founded in 1986, promotes the Austrian scientific network ACONet, which is the shared high-performance network for non-profit organisations in the realms of science, research, education and culture. ACONET is the Mandated Organisation to formally represent Austria in the EOSC Association.



## Supported by

Federal Ministry of Women, Science and Research Republic of Austria  
(BMFWF)

 Federal Ministry  
Women, Science  
and Research  
Republic of Austria

- EOSC SOA is a **collaboration of Austrian institutions**. The goal is the joint Integration of research infrastructures into the European landscape. Any institution in Austria can become a partner of the initiative.
- EOSC SOA **membership is free**.
- EOSC SOA is the operational unit of the **ACONET Association**, which is the **Austrian EOSC Mandated Organization** and receives **funding from the BMFWF** in selected areas.
- **"Partners"** are also members or observers of the EOSC Association, while **"Associated Partners"** are neither.



# Partners

A...kademie der bildenden Künste Wien



vetmeduni

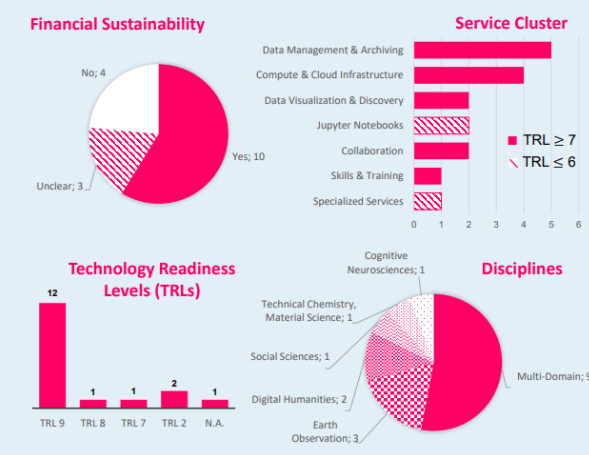


# Associated Partners

# Potential EOOSC Node Austria Services

In preparation for the open calls to grow the EOOSC Federation, the EOOSC SOA community is exploring services to be incorporated into a potential Austrian EOOSC Node. To support this process, a survey was conducted to gain an understanding of possible contributions.

A total of 17 services were submitted, representing a variety of types and disciplines. These services demonstrate high technical maturity and financial sustainability.



These survey results provide a foundation for the phased integration of selected services into a future EOOSC Node, connecting Austria's research ecosystem with the broader EOOSC Federation.



# HPC meets EOOSC

## Emerging Tasks, Opportunities and Concerns

Marie Czuray, Katharina Flicker, Andreas Rauber, and Bernd Saurugg  
Austrian Scientific Computing (ASC)

The European Open Science Cloud (EOOSC) Federation is transforming compute- and data-intensive research. This has an impact on high-performance computing (HPC) infrastructures, operations teams, and the user experience. The EOOSC Support Office Austria coordinates these developments in Austria.

### EOOSC Federation Impact on HPC

- Seamless discovery of and access to datasets and tools
- Federated workflows, data repositories, and services
- Integration of Jupyter Notebooks across multiple sites
- Governance & roles (Operations Manager, Security Officer)

EOOSC Nodes form the building blocks of the EOOSC Federation, the 'web of FAIR data and services'. The EOOSC EU Node, National Nodes such as SURF and ICSC, and Thematic Nodes like CERN and B2MIRI-ERIC are demonstrating how federated services can enable cross-institutional research workflows and connect computing, data and services across Europe.

EOOSC Association: EOOSC Federation Handbook Version 2 (Jan 2026). DOI: 10.5281/zenodo.18454649

### Tasks for HPC

- Common AAI (Authentication & Authorization Infrastructure)
- Tighter integration of HPC into end-to-end research workflows
- Catalogues, accounting, monitoring
- Domain-specific services: pipelines, visualization, simulation
- Service publishing & interoperability

### Benefits for HPC

- Broader access to services for researchers
- More efficient resource utilization
- Specialization of infrastructures
- Shared building blocks for sustainable operations

### Concerns of HPC

- Interoperability across infrastructures
- Security and data governance
- Policy alignment between institutions
- Sustainable funding and responsibilities

The EOOSC Federation supports the scientific community by providing specialised services and optimising the use of resources. This creates new operational tasks and governance roles for HPC while enabling integrated research workflows.

The following have proposed services in preparation for the Austrian EOOSC Node:

Supported by: Federal Ministry Women, Science and Research, Republic of Austria



# Towards an Austrian EOOSC Node

### A future Austrian EOOSC Node has the potential to be a key gateway between European and Austrian research

### Who we are

**Austrian EOOSC Mandated Organization: ACONET Association & EOOSC Support Office Austria**

**ACONET Association (Legal Entity)** supports Austria's NREN and represents the scientific and academic community

**EOOSC Support Office Austria (Operations)**

- supports national coordination and alignment with EOOSC goals
- serves as umbrella organization for the Austrian EOOSC Node and ensures Austria's participation in the build-up phase of the EOOSC Federation

**Our Community**

- A dynamic network of universities, museums, research institutions, and professionals across research, infrastructure, and policy

Collaborative effort of EOOSC SOA partners: <https://eosc-austria.at/partners/>

### European Open Science Cloud (EOOSC) – a key enabler of Europe's Research & Digital Strategies

Embedded in major EU strategies, including:

- ERA Policy Agenda 2025–2027 – advancing open science through data sharing and re-use
- European Strategy on Research & Technology Infrastructures – leveraging digitalisation and AI for stronger RIs
- European Strategy for AI in Science – enabling AI uptake by providing AI-ready data and links to AI Factories

### EOOSC Federation: the network of EOOSC Nodes

A trusted, virtual federation (system of systems) that connects existing research data infrastructures at the European, national, and institutional levels

<https://eosc.eu/building-the-eosc-federation/>

### Future Austrian EOOSC Node

- Unifying Austria's Open Science efforts
- Shared standards • Interoperability • Collaboration
- Access Austrian services and explore other EOOSC Nodes



# EOOSC Support Office Austria

The EOOSC Support Office Austria (EOOSC SOA) supports ACONET, which is the Austrian EOOSC Mandated Organization, and all Austrian research institutions. The goal of EOOSC SOA is to realize the EOOSC vision: a federated, multi-disciplinary environment to find and use data, tools, and services for research, innovation, and education.

### WHO ARE WE?

EOOSC SOA is a **collaboration** of diverse institutions, agreeing via a Memorandum of Understanding, to **integrate Austria's research infrastructure** into the European landscape.

Our Objectives:

- Coordinate Austrian contributions in the implementation of EOOSC.
- Influence Austria's strategic EOOSC agenda.
- Foster "EOOSC Readiness" at partner institutions.

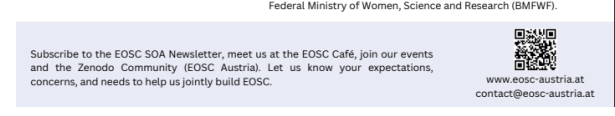
All Austrian institutions are welcome to join us:

### WHAT DO WE OFFER?

We support **Austria's active engagement** in the development and realization of EOOSC by:

- Harmonizing developments and **building an EOOSC community** through national and international networking.
- Providing guidelines and good practices for the **establishment of EOOSC**.
- Connecting researchers, infrastructure providers, and management to **develop and operate EOOSC services**.
- Synchronizing on the steps required to **participate in the EOOSC Federation** and establishing an EOOSC Node.
- Updating on developments, **funding and collaboration opportunities**.
- Collecting requirements** from institutions, service providers, and researchers to shape the evolution of EOOSC.
- Aligning efforts** with other Mandated Organizations.

The EOOSC SOA is supported by the Federal Ministry of Women, Science and Research (BMFWF).



# Results

Results including peer-reviewed publications & posters can be found on...

- ... our website: <https://eosc-austria.at/eosc-soa-materials/>
- ... on coLAB (for members only): <https://colab.tuwien.ac.at/spaces/EOSCAT/pages/579110016/EOSC+SOA+Community+Publications+Outputs>

# Ways to get involved

- Visit our Website: <https://eosc-austria.at/>
- Promote your EOSC related events: <https://eosc-austria.at/events/>
- Sign up for the EOSC SOA Newsletter: <https://eosc-austria.at/newsletter/>
- Discover our Zenodo Community (EOSC Austria): <https://zenodo.org/communities/eoscaustria/about>
- Meet us at the EOSC Café: <https://eosc-austria.at/eosc-austria/governing-bodies/>
- Become a Member: <https://eosc-austria.at/join/>

Contact us: [contact@eosc-austria.at](mailto:contact@eosc-austria.at)

# Further Links

- ACONET Verein: <https://www.aco.net/aconetverein.html>
- ACOnet (NREN): <https://www.aco.net/acohome.html?L=1>
- EOSC Support Office Austria: <https://eosc-austria.at/>
- EOSC Association: <https://eosc.eu/>
- EOSC Federation: <https://eosc.eu/building-the-eosc-federation>
- EOSC EU Node: <https://open-science-cloud.ec.europa.eu/>
- EOSC Nodes: [https://eosc.eu/building-the-eosc-federation#advgb-tab-\\_54b37c-0c-1](https://eosc.eu/building-the-eosc-federation#advgb-tab-_54b37c-0c-1)