



International Services for Researchers and Federated Resource Providers

EGI is the federation of computing and storage resource providers united by a mission of delivering advanced computing and data analytics services for research and innovation. These services, tailored to different stakeholder groups, include large-scale computing, data analytics, and tools for federated

data management. EGI's goal is to support the digital European Research Area, fostering collaboration, data sharing, and scientific discovery. EGI services can support Austrian research and facilitate the integration of digital services from Austria into a European, compute-intensive ecosystem.

Researchers

EGI provides a crucial bridge for researchers, connecting them to computing resources and services that may not always be available within their national boundaries.

Whether you're part of an international collaboration requiring distributed computing power or a national group seeking specialised services, EGI offers a solution. By leveraging a network of providers across multiple countries, EGI ensures that researchers can access the tools they need to drive innovation and discovery.

Do that with EGI! Contact your national representative at ACOnet to get access to the services you need to access large-scale computing capacities, have expert support and tailor the solution that works best for your research.

Access to Large-Scale Computing:

I want to gain access to powerful computing resources to test and scale scientific workflows.

Expert Collaboration:

I want to run my services in a friendly environment and co-develop workflows with e-infrastructure experts to ensure optimal design and performance.

Orchestrated Resource Utilisation:

I want to manage efficiently and scale computing resources across multiple e-infrastructures for flexible and cost-effective data analysis.

Data Production:

I want to ensure long-term storage and FAIR access of data for future use and value-added services.

Reproducible science:

I want to work on Jupiter Notebooks to produce reproducible research publications using Jupyter Notebooks.

- Cloud compute
- Cloud container compute
- High-throughput compute
- Software distribution
- Workload Manager
- Infrastructure Manager
- Online Storage
- Data Transfer
- Notebooks
- Replay

Federated Resource Providers

The services for federation are provided for institutes that wish to federate their distributed services into a coherent system.

For Austrian institutions, becoming Federated Resource Providers can help

- Join forces on international projects. EGI makes collaboration a breeze
- Unify Austria's research muscle

- Online Storage
- Data Transfer
- Notebooks
- Replay
- Check-in



Data/Processing Service:

I want to expand user base and visibility through international accessibility.

International Consortium:

I want to optimise collaboration and workflow development through effective communication.

Local Service Provider:

I want to scale services and increase visibility by targeting international users and cloud services.

International Collaboration:

as an EGI Member, I want to collaborate on Horizon projects to advance use cases and standards at international e-Infrastructures.

Enable access through simplified federated authentication service

Benefit from centralised documentation, technical support through the EGI Helpdesk and Service Performance Monitoring to promote service reliability and facilitate reporting.

Make the services and national community stronger with Security and ITSM Coordination to standardise service delivery and ensure comprehensive incident management, change management, and knowledge management processes.

Participate in EC-funded projects and contribute to bringing national use cases and services to a further level of collaboration and uptake.



Welcome to the ACOnet association



View all our services



Read the Impact Report for Austria 2023