



EGI Council Participant: CYFRONET

Participating in EGI Impact Report

Poland_

www.egi.eu

2025

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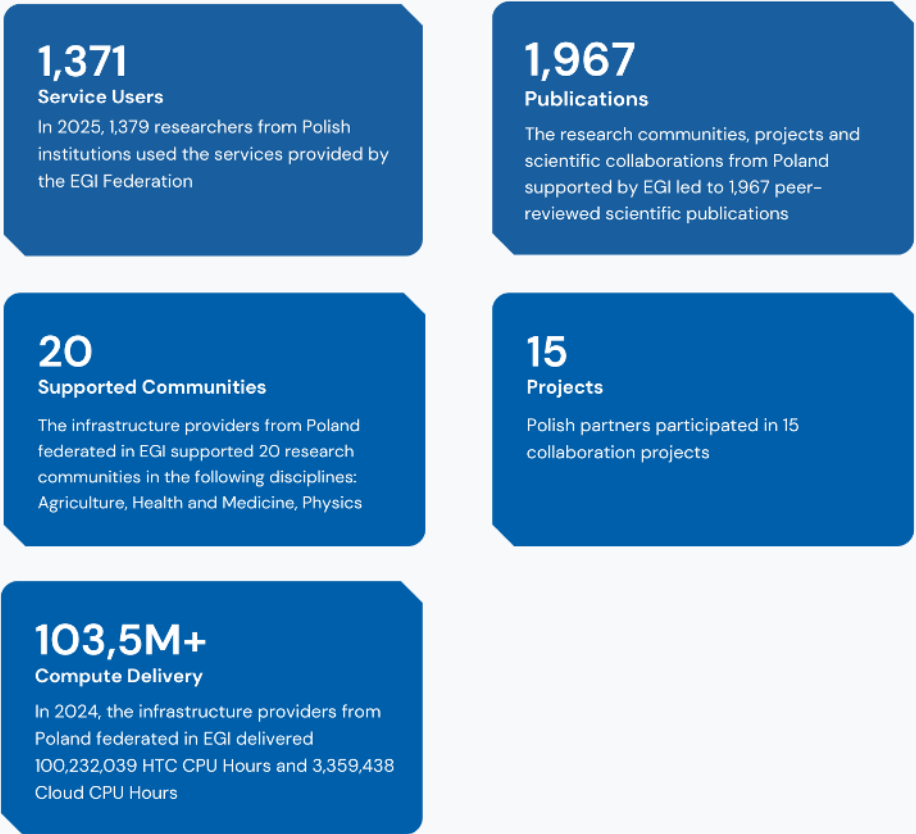
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Infographic_

Poland_



Country Overview_

Number of supported publications	1,967
Number of total service users	1,371
Scientific Communities supported	20
Data Centres contributing to the Federation	6
Collaboration projects	15
Total HTC CPU hours	100,232,039
Total Cloud CPU hours	3,359,438

EGI is a federation of providers delivering advanced computing, data, and digital services for research and innovation, while driving collaborative development and impact across scientific communities.

Through this collaborative model, EGI helps its members transform emerging technologies and approaches, such as big data, cloud computing, artificial intelligence, digital twins, and FAIR data, into reliable, environmentally and financially sustainable services for research and education. These services are designed to ensure continuity and stability beyond individual projects, enabling scientific communities

Coordinated by the EGI Foundation, the Federation operates through a shared IT platform that connects hundreds of providers with research groups across Europe and beyond. By aligning and aggregating national capacities with European and global priorities, EGI ensures that researchers can seamlessly access digital resources and expert support. Together, EGI and its members establish a strong and lasting foundation for open, collaborative, and data-intensive science, strengthening Europe's capacity for research and innovation.



 **28**
21 countries
+5 international research organisations
+1 institutional representative

Council Participant CYFRONET_

About CYFRONET

The Academic Computer Centre CYFRONET AGH was established in 1973. Foundation of the Centre was given by the Krakow University Rectors' College members, which in 1971 put forward a proposal to the state authorities to purchase a modern, large and multiaccess computer for the Krakow scientific community and create the interuniversity computer centre.

Formally, the Centre was established on March 23, 1973 under the name Community Computational Centre CYFRONET KRAKOW.

The centre operated under this name until 1992, when it was renamed to the Academic Computer Centre CYFRONET-KRAKOW. Another name change took place in December 1998. ACK CYFRONET-KRAKOW converted to the Academic Computer Centre CYFRONET of the University of Science and Technology (ACK CYFRONET AGH). The Centre, which is organisationally and financially an autonomous unit of the AGH-UST in Krakow, is now one of the largest supercomputing and networking centers in Poland.

Overall EGI Impact_

The EGI Federation is composed of e-infrastructure providers from national and community initiatives, forming one of the largest distributed computing infrastructures for researchers in the world, integrating about 1,243,400 CPU cores and over 1,4 Exabyte of storage space from hundreds of data centres.

In 2025, the EGI Federation served around 150,000 users (+29%). EGI users consumed 8 Billion HTC CPU hours (+8%), 43 Million Cloud CPU hours (-19%), ran over 351 Million computational jobs (-12%) and published over 2,300 open access publications.

As of the previous year, the research community with the largest number of users is Medical and Health Sciences, while the community with most extensive HTC CPU/h consumption is CMS.

From the scientific communities engaged in 2025, the one with most extensive Cloud CPU/h consumption is WeNMR.

Moreover, EGI engaged with 219 scientific communities, including SMEs and business pilots, and 41 Research Infrastructures

EGI Contribution to Excellence in Science in Poland

CYFRONET coordinates the Polish participation to the EGI Federation, representing the PLGRID (National grid initiative for Poland). PLGRID promotes the building and operation of a multidisciplinary national Distributed Computing Infrastructure open to all sciences and to developing countries in Poland. This report provides an overview of the activities of PL-GRID in EGI, and the impact that was achieved thanks to this participation. The annual membership fee contributed by PL-GRID to the EGI Foundation in 2025 was 63,250 EUR.

EGI federates hundreds of resource centres that are located at participant countries, organizations and at collaborating e-Infrastructures worldwide. This federated infrastructure supports data- and compute-intensive research across Europe and the world. In 2025, our federation has been accessed by over 150,000 users.

Research Infrastructures and multi-national research collaborations are the largest adopters of EGI Services, the main contributors of thematic portals, and operate community-specific compute, storage and data systems based on EGI federation capabilities.

The services of the EGI federation have been used by 1,371 researchers from Poland over the year. The estimated annual scientific output produced by research communities, projects and scientific collaborations from Poland and supported by the EGI Federation in 2025 is estimated to amount to over 1,967 peer reviewed scientific publications. The EGI Federation is currently working with almost 50 Research Infrastructures, 20 of which include Polish partners. These EGI-enabled research infrastructures, their Polish members and their scientific output (publications) are detailed in the following pages of the report.

Polish Research Collaborations in EGI

ALICE (High Energy Physics)

- Polish Academy of Sciences
- AGH University of Science and Technology,
- National Center for Nuclear Studies
- Warsaw University of Technology

EGI Supported Activities and Services

ALICE has been supported since 2012 as part of the EGI - WLCG collaboration. Federated services delivered include:

- Software support
- Infrastructure and Operations Services (infrastructure catalogue,
- Software Distribution Services (UMC, CMD, operations

- documentation)
- Operations Coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security Services and Activities (CSIRT, Software vulnerability group, international security coordination, policies, IGTF distribution)

43 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

Polish Research Collaborations in EGI

ATLAS (High Energy Physics)

- Polish Academy of Sciences
- AGH University of Science and Technology
- Jagiellonian University

EGI Supported Activities and Services

ATLAS has been supported since 2012 as part of the EGI - WLCG collaboration. Federated services delivered include:

- Software support
- Infrastructure and Operations Services (infrastructure

- catalogue, Software Distribution Services (UMC, CMD, operations documentation)
- Operations Coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security Services and Activities (CSIRT,

Software vulnerability group, international security coordination, policies, IGTF distribution)

74 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

Polish Research Collaborations in EGI

AUGER (Astronomy)

- Polish Academy of Science
- University of Łódź

EGI Supported Activities and Services

The Pierre Auger Observatory has been using compute resources from EGI partners for more than a decade. The services of the EGI federation that the Auger observatory benefits from include:

- EGI HTC services from 9 EGI participant countries (CZ, DE, IT, FR, ES, NL, RO, PT, SI)
- Software distribution services (UMC, CMD, operations documentation)
- Operations coordination (middleware deployment campaigns, procedures,

innovation of tools)- Security services and activities (CSIRT, Software vulnerability group, international security coordination, policies, IGTF distribution)

12 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

Polish Research Collaborations in EGI

BELLE (High Energy Physics)

- Polish Academy of Science

EGI Supported Activities and Services

The BELLE experiment has been using compute resources from EGI partners since 2016. The services from the EGI federation that BELLE benefits from include:

- EGI HTC services from 9 EGI participant countries (CZ, DE, IT,

- FR, ES, NL, RO, PT, SI)
- Software distribution services (UMC, CMD, operations documentation)
- Operations coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security services and activities (CSIRT,

Software vulnerability group, international security coordination, policies, IGTF distribution)

56 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

Polish Research Collaborations in EGI CLARIN (Linguistics) CLARIN-PL	EGI Supported Activities and Services CLARIN thematic services has been supported by EGI since 2018. CLARIN has a Service Level Agreement with EGI, using the following services: EGI Cloud (Compute + Online Storage) for hosting the Virtual Language Observatory	(VLO) - Technical support - Service integration	0 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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Polish Research Collaborations in EGI CMS (High Energy Physics) - National Centre for Nuclear Research - AGH University of Science and Technology - University of Warsaw	EGI Supported Activities and Services CMS has been supported since 2012 as part of the EGI – WLCG collaboration. EGI Federated services delivered include: - Software support (consultancy to users and system administrators, (software maintenance and validation) - Infrastructure and	operations Services (infrastructure catalogue, accounting repository and portal, helpdesk, monitoring, operations portal, AAI) - Software distribution services (UMC, CMD, operations documentation) - Operations coordination (middleware deployment campaigns, procedures, innovation of tools)	Security services and activities (CSIRT, Software vulnerability group, international security coordination, policies, IGTF distribution) 135 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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Polish Research Collaborations in EGI CTA (Astronomy) - CYFRONET AGH - Polish Academy of Sciences - AGH University of Science and Technology - Jagiellonian University - University of Zielona Góra - University of Łódź - University of Warsaw - National Centre for Nuclear Research	- Nicolaus Copernicus University - University of Białystok - Warsaw University of Technology EGI Supported Activities and Services The CTA experiment has been using compute resources from EGI partners for more than a decade. The services from the EGI federation that	CTA uses include: - EGI HTC services from 9 EGI participant countries (CZ, DE, IT, FR, ES, NL, RO, PT, SI) - Software distribution services (UMC, CMD, operations documentation) - Operations coordination (middleware deployment campaigns, procedures,	- innovation of tools) - Security services and activities (CSIRT, Software vulnerability group, international security coordination, policies, IGTF distribution) 0 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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Polish Research Collaborations in EGI DUNE (Astroparticle Physics) - Polish Academy of Science - University of Warsaw (University of Wrocław - Warsaw University of Technology	EGI Supported Activities and Services The DUNE experiment has been using compute resources from EGI partners for more than a decade. The services from the EGI federation that DUNE uses include: - EGI HTC services from 6 EGI participant countries (CH, CZ, ES, FR, NL, UK) - Software distribution	services (UMC, CMD, operations documentation) - Operations coordination (middleware deployment campaigns, procedures, innovation of tools) - Security services and activities (CSIRT, Software vulnerability group, international security	coordination, policies, IGTF distribution) 41 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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Polish Research Collaborations in EGI ELI-NP (Nuclear Physics) - Institute of Plasma Physics and Laser Microfusion - University of Warsaw - Polish Academy of Science - National Centre for Nuclear Research	EGI Supported Activities And Services ELI works with EGI since 2016 on exploring and validating approaches for off-site computing and data management. ELI-NP setup a High Throughput Compute Service on EGI resources and works with EGI providers on Refining the user requirements and translating these to e-infrastructure	requirements, and - Identifying and validating services from EGI that can be relevant for ELI (besides HTC and compute). - Mobilising already existing HTC compute, cloud compute and storage resources from EGI for ELI piloting and demonstration activities.	90 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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Polish Research Collaborations in EGI EMPHASIS (Agricultural Sciences) Research Center for Cultivar Testing (COBORU)	EGI Supported Activities And Services EMPHASIS has been supported through the establishment of a Data Space in the EGI-ACE project. Since 2017 EMPHASIS using the following services from EGI: EGI Check-in	- EGI Cloud Compute - EGI Online Storage - EGI DataHub - Technical support - Software integration and piloting)	0 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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Polish Research Collaborations in EGI FUSION (Fusion) PSNC	EGI Supported Activities And Services The Fusion community has been using compute resources from EGI partners since 2018. The services from the EGI Federation used by the community include:	- EGI Cloud Compute - EGI Online Storage	0 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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Polish Research Collaborations in EGI HESS (Astroparticle Physics) - Nicolaus Copernicus Astronomical Center - University of Warsaw - Polish Academy of Science - Jagiellonian University - Torun Centre for	Astronomy EGI Supported Activities And Services The HESS experiment has been using compute resources from EGI partners for more than a decade. The services from the EGI federation that	HESS uses include: - EGI HTC services from 3 EGI participant countries (DE, FR, PL) - Software distribution services (UMC, CMD, operations documentation) - Operations coordination (middleware deployment campaigns, procedures, innovation of tools)	Security services and activities (CSIRT, Software vulnerability group, international security coordination, policies, IGTF distribution) 212 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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Polish Research Collaborations in EGI

Icarus (Physical Sciences)

- Institute of Nuclear Physics
- National Centre for Nuclear Research
- University of Silesia
- Warsaw University of Technology

EGI Supported Activities And Services

The collaboration with EGI started back in 2019. The services from the EGI federation that the experiment uses include:

- EGI HTC services from 2 EGI federated sites from IT
- Software distribution services (UMC, CMD, operations documentation)

- Operations coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security services and activities (CSIRT, Software vulnerability group, international security coordination, policies, IGTF distribution)

0 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

Polish Research Collaborations in EGI

ILC (High Energy Physics)

- University of Warsaw
- Warsaw University of Technology
- National Center of Nuclear Research (NCBJ)
- Technical University of Lodz
- Polish Academy of

Sciences

EGI Supported Activities And Services

The ILC experiment has been using compute resources from EGI partners since 2004. The services from the EGI federation that ILC experiments uses include

- EGI HTC services from 27 EGI federated sites from IL, DE, FR, ES, NL, PL, UK
- Software distribution services (UMC, CMD, operations documentation)
- Operations coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security services and

activities (CSIRT, Software vulnerability group, international security coordination, policies, IGTF distribution)

50 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

Polish Research Collaborations in EGI

KM3NET (Neutrino Observatory)

- NCBJ – National Centre for Nuclear Research

EGI Supported Activities and Services

The Km3Net experiment has been using compute resources from EGI partners since 2013. The services from the EGI federation that Km3Net uses include:

- EGI HTC services from 2 EGI federated sites from IT and PL
- Software distribution

- services (UMC, CMD, operations documentation)
- Operations coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security services and activities (CSIRT, Software vulnerability group, international

security coordination, policies, IGTF distribution)

52 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

Polish Research Collaborations in EGI

LHCb (High Energy Physics)

- AGH University of Science and Technology
- Institute for Nuclear Physics
- NCBJ – National Centre for Nuclear Research

EGI Supported Activities and Services

LHCb has been supported since 2012 as part of the EGI – WLCG collaboration, formally agreed in an MoU. Federating services delivered in the context of the WLCG MoU include:

- Software support
- Infrastructure and operations Services (infrastructure catalogue, accounting repository and portal,

- helpdesk, monitoring, operations portal, AAI)
- Software distribution services (UMC, CMD, operations documentation)
- Operations coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security services and activities (CSIRT,

Software vulnerability group, international security coordination, policies, IGTF distribution)

51 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

Polish Research Collaborations in EGI

LSST (Astronomy)

- NCBJ – National Centre for Nuclear Research

EGI Supported Activities and Services

The LSST compute federation benefited from the following EGI services:

- Software support
- Infrastructure and operations Services (infrastructure catalogue, accounting repository and portal, helpdesk, monitoring, operations portal, AAI)

- Software distribution services (UMC, CMD, operations documentation)
- Operations coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security services and activities (CSIRT, Software vulnerability

group, international security coordination, policies, IGTF distribution)

20 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

Polish Research Collaborations in EGI

SeaDataNet (Oceanography)

- Polish Academy of Sciences

EGI Supported Activities And Services

Since 2021, the SeaDataNet community is represented in the EGI Council by MARIS. The SeaDataNet community is consuming cloud compute resources through EGI from the INFN-Bari

site (Italy) since early 2022.

The cloud compute delivery is secured with an EGI Service Level Agreement for SeaDataNet since November 2023

0 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

Polish Research Collaborations in EGI

VIRGO (Astrophysics)

- CYFRONET
- Warsaw University
- Jagiellonian University
- Polish Academy of Sciences
- University of Wroclaw
- NCBJ – National Centre for Nuclear Research
- University of Białystok
- University of Science and

Technology in Cracow

EGI Supported Activities And Services

The Virgo experiment has been using compute resources from EGI partners for more than a decade. The services from the EGI federation that VIRGO uses include:

- EGI HTC services from data centres in FR, IT,

- NL, ES and UK
- Software distribution services (UMC, CMD, operations documentation)
- Operations coordination (middleware deployment campaigns, procedures, innovation of tools)
- Security services and activities (CSIRT,

Software vulnerability group, international security coordination, policies, IGTF distribution)

23 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

Polish Research Collaborations in EGI

WeNMR (Structural Biology)

- University of Gdansk
- Polish Academy of Science
- Wroclaw Medical University
- Poznan University
- University of Warsaw

- Silesian University of Technology
- Warsaw University of Life Sciences

EGI Supported Activities and Services

ThWeNMR is supported by EGI since 2011 and has a Service Level Agreement

since 2016. The EGI Services used by the community include:

- High-Throughput, Cloud + Online Storage services from 23 EGI federated sites from NL, IT, FR, DE, PL, UK, the Asia Pacific region, IberGrid (Spain and Portugal), the

- Latin America region.
- EGI Workload Manager
- Trust and identity management with Check-in

10 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

Service Level Agreements_

During 2025, CYFRONET supported 3 Service Level Agreements for international scientific communities via EGI, delivering DataHub and Online Storage services.

Participated Projects_

In the reference period, the EGI Foundation was leading seven Horizon Europe Projects, two of which started in 2025:

- iMagine (September 2022–December 2025)
- interTwin (September 2022–August 2025)
- ENVRI-Hub NEXT (February 2024–January 2027)
- EOSC Beyond (April 2024–March 2027)
- EOSC Data Commons (April 2025–March 2028)
- RI-SCALE (March 2025–February 2028)

- SPECTRUM (January 2024–June 2026)

Furthermore, the EGI Federation was involved in 6 additional projects, increasing the innovation potential of its participants.

The EGI Federation participates in Horizon 2020 and Horizon Europe projects together with Dutch institutions to facilitate the uptake and use of e-infrastructure services for science. A summary of these projects, the involved institutes and the scope of the collaboration is provided in the next table.



interTwin

eosc | BEYOND

eosc | DATA COMMONS

RI SCALE

Project Title	Scope of Collaboration		Participating beneficiaries from the country
	EGI leads the research on Blue-Cloud VRE interaction with EOSC projects (WP5) and contributes technical expertise across multiple tasks. This includes developing and deploying sub-setting services at BDIs and BlueCloud Data Lakes (T2.3), tuning	data lakes with DTO developments (T2.4), evolving common VRE services (T5.1), federating multiple e-infrastructures (T5.2), ensuring EOSC core service interoperability (T5.4), and supporting communication, community dialogue, and exploitation planning (T6.1, T7.1, T7.2)..	Polish Academy of Sciences

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI coordinates the research and implementation of federated Single Sign-On access through its EGI Check-in service, enhancing secure and interoperable authentication across the project ecosystem.	- Institute of Literary Research of the Polish Academy of Sciences - University of Warsaw

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI contributes to developing a detailed technical roadmap, conducting state-of-the-art analysis, and designing a modular architecture framework for data monetization. It supports the definition of KPIs for fair dataset	valuation, business cases for data sharing platforms, and pilots for framework deployment. EGI also advances non-monetary data value dimensions, validation testing, standardization activities, and coordination with the Data Spaces Support Centre. - Polish Academy of Sciences - IDFS Sp. z o.o. - WODR Poznań

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI supports the research and integration of datasets, tools, and workflows from diverse sources into ECHOES's technical framework. It provides scalable, secure storage and compute infrastructure, alongside a federated authentication and authorisation infrastructure (AAI) for	seamless cloud access. EGI also contributes expertise to the project's long-term sustainability and open innovation strategies through private sector engagement. ICHB PAN

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI supports the EOSC Partnership's mission to establish Open Science as the "new normal" by contributing technical expertise and research coordination aligned with the EU-EOSC Association Memorandum of Understanding objectives.	Narodowe Centrum Nauki

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI contributes multi-faceted research expertise across key work packages, including governance, funding models, and cost structures for EOSC sustainability (WP1). It plays a leading role in inter-project collaboration (WP4/	WP5), coordinating grants, technical alignment, and joint communications among Horizon Europe INFRAEOSC projects. EGI also supports effective project execution and coordination (WP9).. Narodowe Centrum Nauki

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI is contributing to the architectural design and implementation of open distributed software to ensure that AI4Europe evolves as a distributed ecosystem. EGI is also providing its expertise on physical resources, usability, development of systems, distributed	systems and new technologies to develop mechanisms for the AI tools to deploy/make use of private/public Cloud and HPC resources. Medical University of Gdansk Łukasiewicz – PORT

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI collaborates on defining technical requirements, developing authentication and authorisation infrastructure, and supporting project services onboarding to the EOSC Marketplace.	CYFRONET

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI provides cloud compute and AAI services to enable execution of extended reality (XR) tools, while supporting project communications and stakeholder engagement.	Wrocław Centre for Networking and Supercomputing

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI contributes to developing an innovative, workflow-based Gateway connecting European scientists to computing and storage infrastructures, advancing operational FAIR data services within EOSC.	AGH University of Kraków

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI conducts environmental impact assessments across the EGI Federation and partner ESFRIs, identifying sustainability best practices. It develops environmental metrics publication systems, energy-aware workflow	brokering for HTC/cloud/AI services, and self-assessment questionnaires for Research Infrastructures. EGI also provides training, consultancy, and communications support. ICHB PAN

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI leads communication, dissemination, engagement, and exploitation efforts (WP1), including stakeholder mapping and service catalogue promotion. It develops climate risk training modules and provides access to training/computing infrastructure (WP3),	while contributing to FAIR frameworks, AAI analysis, and access policy alignment for integrated knowledge services (WP6) Silesian University

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI supports defining interoperability standards with EOSC and the broader landscape, while leading the design of sustainable services beyond the project lifetime. It delivers a federated cloud	environment and EGI Notebooks for scalable workflow development, data analysis, and sharing within the PITHIA e-science centre. CBK PAN

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EEGI leads WP6 on Services Provision, researching unified access policies and a single access point for distributed RI resources. It contributes to financial modelling and business cases (WP3), impact strategies (WP4), dissemination (WP5), and	the Italian central Hub (WP8). IBCH PAN

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI advances stakeholder engagement and alignment while leading IT security management and software vulnerability assessment for the UNCAN.eu platform's federated infrastructure. It contributes to infrastructure federation, decentralised health research environments,	and impact assessment guidelines. AGH University of Kraków

Innovation Impact

The EGI Federation is the innovation driving force in EGI, continuously improving the service offering. Participation in EC funded projects supports the innovation process; EGI members take part in EC projects with the EGI Foundation, contributing valuable technical implementation contributions.

In addition, the EGI Federation fosters the innovation processes in EGI by offering services for all EGI participants and their affiliates. EGI members fees and EC-funded projects support the running and operation of the internal services.

Project and legal entity involved	Role in the project	Funding received (September 2022 – December 2025)	
		EC Funding	EGI Foundation contribution to service delivery
CYFRONET EOSC Beyond	Co-design activities and technical integrations of the Data Spaces and EOSC Nodes, community adapters	€ 901,750	n.a.
CYFRONET EOSC Data Commons	EOSC Data Commons software release	€ 828,625	n.a.
PSNC interTwin	Deliver HPC	€ 88,375	n.a.
CYFRONET interTwin	Develop technical components for Data Management	€ 137,188	n.a.
CYFRONET SAGE	Deliver a Federated Catalogue for the GDDS	€ 266,163	n.a.
TOTAL		€ 2,301,747	n.a.

Infrastructure Contributions

The EGI Federation offers two complementary compute capabilities: the High-Throughput Compute (HTC) federation and the Cloud federation. 27 Italian data centres contribute to these federations:

HTC Federation:

- CYFRONET-LCG2 (ACK CYFRONET AGH)
- CYFRONET-PROMETHEUS (ACK CYFRONET AGH)
- NCBJ-CIS (National Centre for Nuclear Research, Otwock, Poland)
- PSNC (Poznan Supercomputing and Networking Center)
- WUT

Cloud Federation:

- CYFRONET-CLOUD (ACK CYFRONET AGH)

The data centres provided 6 service endpoints and delivered 100,232,039 HTC CPUhours in total to EGI communities over the year. With the help of the EGI Security Vulnerability Group, the Italian sites avoided 49 critical vulnerabilities in foundational software systems during the year.

The most active international user groups of the country compute resources were:

- LHCb 37.68%;
- ATLAS 31.40%;
- ALICE 16.56%;
- CMS 14.94%

Methodology

Data for this impact report has been collected from the following sources.

Users

EGI uses the following methodology to capture the number of EGI users who rely on EGI services

- EGI serves users in the form of ‘communities’, called ‘Virtual Organisations’ (VO in short). A VO’s members can range from one to tens of thousands. Members of a VO benefit from and use EGI services in different ways (e.g., by using Services for Federation or Services for Research).
- EGI establishes knowledge about its VOs as part of the user community support lifecycle; therefore, baseline information about VOs is collected through the Customer Relationship Management process (CRM).

At the end of 2025, there were 196 VOs in EGI. EGI Virtual Organisations (VOs) can rely on different technical and non-technical mechanisms to manage

their own members. Depending on their choice, the EGI Federation coordinator (EGI Foundation) has to follow different, corresponding approaches to know the number of members in a given VO, and to obtain additional information about these members (e.g. their ‘country’). The EGI Foundation uses the following mechanisms to obtain information about the VO users:

- Obtain user number statistics from the EGI Operations Portal for VOs, where the members register personally in a ‘VO membership management’ system that is either operated by EGI or can be accessed by EGI.
- Obtain user number statistics from Community VRE REST APIs for VOs that operate Virtual Research Environments (VREs) on top of EGI resources. Those VREs implement a specific API to report users (e.g., WeNMR, Virtual Imaging Platform (VIP), NBIS).
- Obtain user number statistics from interviews with VO coordinators for VOs coordinated by one person.

Publications

Publications are collected from each community’s public repository, if existing. Additional details are checked with the VO coordinators during the interviews to complement this information. EGI also consults OpenAIRE services to countercheck the data. You can check the list of repositories for each VO here (requires login): <https://operations-portal.egi.eu/vo/#collapseVoListOther>.

Institutional members supporting research communities

EGI relies on the information on each community’s website to list institutions supporting research communities at the national level. Additionally, EGI appreciates the feedback from its national representatives to refine and improve those lists.



EGI Membership Impact Report

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EGI Foundation



EGI_einfra

