



EGI Council Participant: JISC

Participating in EGI Impact Report

United Kingdom_

www.egi.eu

2025

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**EGI Contribution
to the Country
Excellence in
Science**

Infographic_

UK_

4,567

Service Users

In 2025, 4,567 researchers from British institutions used the services provided by the EGI Federation

2,043

Publications

The research communities, projects and scientific collaborations from the UK supported by EGI led to 2,043 peer-reviewed scientific publications

27

Supported Communities

The infrastructure providers from the UK federated in EGI supported 27 research communities in the following disciplines: Agriculture, Environmental Sciences, Health and Medicine, Physics

2

Projects

British partners participated in 2 collaboration projects

1,4B+

Compute Delivery

In 2024, the infrastructure providers from Austria federated in EGI delivered 1,417,649,692 HTC CPU Hours

Country Overview_

Number of supported publications

2,043

Number of total service users

4,567

Scientific Communities supported

27

Data Centres contributing to the Federation

17

Collaboration projects

12

Total HTC CPU hours delivered

1,417,649,692

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 JISC_

About JISC

JISC champions the importance and potential of digital technologies for UK education and research, and does three main things: operate shared digital infrastructure and services; negotiate sector-wide deals with IT vendors and commercial publishers; provide trusted advice and practical assistance for universities, colleges and learning providers. JISC research and development work is integrated across these three areas.

Working closely with colleagues and sector bodies, JISC aim is to: Deliver considerable collective digital advantage, financial savings and efficiencies for UK universities, colleges and learning providers today; Ensure these benefits are sustained and intelligently further enhanced; Do all this as affordably, efficiently and as cost effectively as possible.

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 the United Kingdom

JISC coordinates the British participation to the EGI Federation, representing the JISC (National grid initiative for UK). JISC promotes the building and operation of a multidisciplinary national Distributed Computing Infrastructure open to all sciences and to developing countries in UK. This report provides an overview of the activities of JISC in EGI, and the impact that was achieved thanks to this participation. The annual membership fee contributed by JISC to the EGI Foundation in 2025 was 103,500 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 4,567 researchers from United Kingdom over the year. The estimated annual scientific output produced by research communities, projects and scientific collaborations from the UK and supported by the EGI Federation in 2025 is estimated to amount to over 2,043 peer reviewed scientific publications. The EGI Federation is currently working with almost 50 Research Infrastructures, 27 of which include British partners. These EGI-enabled research infrastructures, their British members and their scientific output (publications) are detailed in the following pages of the report.

British Research Collaborations in EGI

ALICE (High Energy Physics)

- University of Birmingham
- STFC
- Rutherford Appleton Laboratory
- University of Liverpool

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

British Research Collaborations in EGI

ATLAS (High Energy Physics)

- University of Birmingham
- University of Sussex
- University of Cambridge
- University of Warwick
- Rutherford Appleton Laboratory
- University of Edinburgh
- Royal Holloway University of London
- University of Glasgow

- Lancaster University
- University of Liverpool
- University College London
- University of London
- University of Manchester
- Oxford University
- University of Sheffield

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

British Research Collaborations in EGI

CMS (High Energy Physics)

- University of Bristol
- Rutherford Appleton Laboratory
- Brunel University
- Imperial College

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

British Research Collaborations in EGI

CLARIN (Linguistics)

- CLARIN-UK, Oxford University

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

British Research Collaborations in EGI Comet J Parc (Physical Sciences) - Imperial College London - Rutherford Appleton Laboratory	EGI Supported Activities and Services The collaboration with EGI started back in 2015. The services from the EGI federation that the experiment uses include: - EGI HTC services from 7 EGI federated sites from FR 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) 5 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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British Research Collaborations in EGI CTA (Astronomy) - Armagh Observatory and Planetarium - University of Hertfordshire - Durham University - University of Leicester - University of Sheffield - King's College London - Queen's University Belfast	- University of Edinburgh - Rutherford Appleton Laboratory - and others 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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British Research Collaborations in EGI DUNE (Astroparticle Physics) - Daresbury Laboratory - Durham University - Imperial College London - Lancaster University - Queen Mary University of London - University of London - Rutherford Appleton Laboratory (RAL)	- and others 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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British Research Collaborations in EGI EISCAT_3D (Incoherent Scatter Radar) - Rutherford Appleton Laboratory - British Antarctic Survey	EGI Supported Activities And Services EISCAT_3D has been supported through competence centre activities in the EGI-Engage and EOSC-hub projects. Since 2021 the EISCAT Association is member of the EGI Council. Since 2018 the	EISCAT_3D experiment is using the following services from EGI: - EGI Workload Manager - EGI High Throughput Compute - Technical support - Software integration and piloting	50 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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British Research Collaborations in EGI ELI-BEAM (Physical Sciences) - The Queen's University of Belfast - Strathclyde University - Rutherford Appleton Laboratory (RAL) - Oxford University - University of Strathclyde	EGI Supported Activities And Services ELI works with EGI since 2016 on exploring and validating approaches for off-site computing and data management. ELI-Beams 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. 35 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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British Research Collaborations in EGI ELI-NP (Nuclear Physics) - University of Strathclyde - TUV SUD Nuclear Technologies - STFC - The Queen's University of Belfast - University of York - University of Birmingham - Sheffield Hallam	University 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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British Research Collaborations in EGI EMSO (Oceanography) - NERC - The National Oceanography Centre	EGI Supported Activities And Services The collaboration with EGI started back in 2017 when 4 cloud providers of the EGI Federation agreed to support the EMSODEV project during the design and implementation of the EMSODEV Data Portal. EMSO-ERIC set up the EMSO ERIC Data	Management Platform on the EGI providers in order to harmonise the data sets following Oceansites specifications, FAIR principles, and EOSC guidelines.	0 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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British Research Collaborations in EGI EMPHASIS (Agricultural Sciences) - University of Sheffield - University of Earlham - Nottingham University - NIAB - National Plant Phenomics Centre - Rothamsted Research	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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British Research Collaborations in EGI

FUSION (Fusion)
 • Culham Centre for Fusion Energy

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

British Research Collaborations in EGI

HESS (Astroparticle Physics)
 • University of Leicester
 • Oxford University

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)
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British Research Collaborations in EGI

IceCube (Neutrino Observatory)
 • University of Oxford

resources from EGI partners for more than a decade. The services from the EGI federation that IceCube uses include:

- EGI HTC services from 8 sites of 4 EGI participant countries (Belgium, Denmark, Germany 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)

EGI is currently expanding its resource pledge to IceCube with an increase of GPU capacity.

25 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

British Research Collaborations in EGI

ILC (High Energy Physics)
 • Oxford University
 • STFC
 • University of Glasgow

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

British Research Collaborations in EGI

INSTRUCT (Structural Biology)
 • Instruct Centre UK
 • Diamond Light Source
 • Molecular Biophysics Suite
 • Oxford Particle Imaging Centre
 • Oxford Mass

- Spectrometry Centre
- Research Complex Harwell
- STRUBI
- Medical research council

EGI Supported Activities And Services

Instruct-ERIC is a pan-European distributed

research infrastructure making high-end technologies and methods in structural biology available to users. The collaboration with EGI ensures the reliable hosting and operation of the ARIA and CRIMS production services on the EGI Infrastructure, providing a robust, secure,

and scalable environment tailored to support researchers in the Health and Food domains.

50 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

British Research Collaborations in EGI

LHCb (High Energy Physics)
 • University of Birmingham
 • University of Bristol
 • Cambridge University
 • University of Warwick
 • Rutherford Appleton Laboratory
 • University of Edinburgh
 • University of Glasgow
 • University of Liverpool

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

- Imperial College London
- University of Manchester
- University of Oxford
- 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

British Research Collaborations in EGI

LSST (Astronomy)
 • Science and Technology Facilities Council (STFC)
 • UK LSST Consortium
 • University of Oxford

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

British Research Collaborations in EGI

LZ (Physical Sciences)
 • University of Edinburgh
 • University of Bristol
 • University College London
 • University of Oxford
 • University of Sheffield
 • Rutherford Appleton Laboratory
 • Imperial College London

EGI Supported Activities and Services
 The LZ survey federates High Throughput Compute (HTC) resources from UK. The LZ compute federation benefited from the following EGI services:
 • 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)

6 SCIENTIFIC PAPER(S)
PUBLISHED IN 2025

British Research Collaborations in EGI

MOEDAL-MAPP (Physical Sciences)

- Imperial College London
- Kings College London
- Queen Mary University
- Track Analysis Systems Ltd
- IRIS Canterbury

EGI Supported Activities and Services

MOEDAL-MAPP has been supported since 2016 as part of the EGI – WLCG collaboration.

- EGI Federated services delivered 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)urces.

23 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

British Research Collaborations in EGI

NA62 (High Energy Physics)

- University of Liverpool
- Lancaster University
- University of Bristol
- University of Birmingham,
- University of Glasgow

EGI Supported Activities and Services

The NA62 experiment has been using compute resources from EGI partners since 2012. The services from the EGI federation that NA62 uses include:

- EGI HTC services from sites in the UK, IT, BE and CERN
- 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)

2 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

British Research Collaborations in EGI

SeaDataNet (Oceanography)

- British Oceanographic Data Centre (BODC)

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

British Research Collaborations in EGI

Solid Experiment (High Energy Physics)

- University of Bristol
- University of Oxford
- STFC, Rutherford Appleton Laboratory

EGI Supported Activities And Services

The collaboration with EGI started back in 2017. The services from the EGI federation that the experiment uses include:

- EGI HTC services from 2 EGI federated sites from BE 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)

0 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

British Research Collaborations in EGI

SKA (Radioastronomy)

- STFC

EGI Supported Activities And Services

The Square Kilometre Array (SKA) is an intergovernmental radio telescope project being planned to be built in Australia and South Africa. 7 countries in SKA are also represented in the EGI Council (FR, DE, IT, PT, ES,

NL and UK).

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British Research Collaborations in EGI

SNO+ (High Energy Physics)

- Oxford University
- University of Liverpool
- Kings' College
- Lancaster University
- Queen's University
- Queens Mary
- University of Sussex

- University of Oxford
- Norwich University

EGI Supported Activities And Services

The Square Kilometre Array (SKA) is an intergovernmental radio telescope project being planned to be built in Australia and South Africa.

7 countries in SKA are also represented in the EGI Council (FR, DE, IT, PT, ES, NL and UK).

2 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

British Research Collaborations in EGI

WeNMR (Structural Biology)

- University of Nottingham
- University of Liverpool
- St Andrews University
- University of Cambridge
- Aston University
- University of Bristol
- University of Manchester
- University of Reading
- University of York
- University of

- Roehampton
- ANTIVERSE
- University of Oxford
- and many others

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, STFC (CVMFS) supported 1 Service Level Agreement for international scientific communities via EGI, delivering Cloud Computing 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



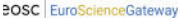
Project Title	Scope of Collaboration		Participating beneficiaries from the country
	EGI advances the development of innovative approaches for communication, dissemination, and exploitation management. It contributes technical expertise to the definition of the project's architecture and guidance	framework, supports the harmonisation of trust and interoperability policies, and participates in the validation process. EGI also contributes to the preparation of the Compendium and to formulating recommendations that inform the project's future directions..	UKRI

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)..	National Oceanography Centre

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.	IS4OA	

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.	- The National Library - University of York

Project Title	Scope of Collaboration		Participating beneficiaries from the country
	EEGI contributes to expanding EOSC EU Node adoption through diverse use cases, cascading grants with EOSC Gravity, and roadmap improvements (T2.1). It supports the technical evolution and validation of the EOSC	Federation's architecture and AAI, delivering prioritised requirements and technical guidelines (T3.4). Minor contributions include synergies with Data Spaces (T4.3) and technical project management (T5.1).	INSTRUCT-ERIC

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.		- University of Manchester - UKR

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)	- ECWMF - University of Manchester

Project Title	Scope of Collaboration		Participating beneficiaries from the country
	EGI supports research into sampling, analysis, quantification techniques, new materials, and models to evaluate plastics' environmental interactions, enabling mitigation measures and informed management decisions..		- National Oceanography Centre - Gouin Todd

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.	The University of Westminster

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).	- King's College London - University of Bristol - University of Sheffield

Project Title	Scope of Collaboration		Participating beneficiaries from the country
	EGI leads WP4 on Feasibility Assessment and Roadmap, developing realistic infrastructure upgrade scenarios and cooperation mechanisms documented in the AI in Science Roadmap. As WP8/WP9 lead, it drives communication, dissemination, engagement, the annual AIS Summit, RAISE	Secretariat setup, and stakeholder management	University of Manchester

Project Title	Scope of Collaboration		Participating beneficiaries from the country
	EGI contributes research to gap analysis, user requirements, system specifications, security frameworks, and self-sovereign identity management. It coordinates policy recommendations on distributed infrastructures, secure data exchange, and Data Spaces, while supporting dissemination activities.		- Quadible LTD - University of Manchester - Unuversity of Greenwich

Infrastructure Contributions

The EGI Federation offers two complementary compute capabilities: the High-Throughput Compute (HTC) federation and the Cloud federation. 17 British data centres contribute to these federations:

HTC Federation:

- RAL-LCG2 (Rutherford Appleton Laboratory)
- UKI-LT2-Brunel (Brunel University)
- UKI-LT2-IC-HEP (Blackett Lab, Physics Department, Imperial College London)
- UKI-LT2-QMUL (QMUL)
- UKI-LT2-RHUL (Royal Holloway College)
- UKI-NORTHGRID-LANCS-HEP (Lancaster University)
- UKI-NORTHGRID-LIV-HEP (The Liverpool University)
- UKI-NORTHGRID-MAN-HEP (University of Manchester)
- UKI-NORTHGRID-SHEF-HEP (University of Sheffield)
- UKI-SCOTGRID-DURHAM (Durham University
- Particle Physics – Institute for Particle Physics Phenomenology)
- UKI-SCOTGRID-ECDF (Edinburgh ECDF)
- UKI-SCOTGRID-GLASGOW (University of Glasgow)
- UKI-SOUTHGRID-BHAM-HEP (University of Birmingham)
- UKI-SOUTHGRID-BRIS-HEP (University of Bristol)
- UKI-SOUTHGRID-OX-HEP (University of Oxford)
- UKI-SOUTHGRID-RALPP (RAL Particle Physics Group, Oxfordshire)

- UKI-SOUTHGRID-SUSX (University of Sussex)

The data centres provided 17 service endpoints and delivered 1,417,649,692 HTC CPUhours in total to EGI communities over the year. With the help of the EGI Security Vulnerability Group, the British sites avoided 49 critical vulnerabilities in foundational software systems during the year.

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

- ATLAS 43.39%
- CMS 24.21%
- LHCb 23.78%
- ALICE 2.05%
- DUNE: 1.92%
- VIRGO: 1.55%

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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