



EGI Council Participant: CNRS

Participating in EGI Impact Report

France_

www.egi.eu

2025

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

Infographic_

France_

4,573

Service Users

In 2025, 4,573 researchers from French institutions used the services provided by the EGI Federation

2,168

Publications

The research communities, projects and scientific collaborations from France supported by the EGI led to 2,168 peer-reviewed scientific publications

32

Supported Communities

The infrastructure providers from Austria federated in EGI supported 32 research communities in the following disciplines: Agriculture, Environmental Sciences, Health and Medicine, Physics

22

Projects

French partners participate in 22 collaboration projects.

601,5M+

Compute Delivery

In 2025, the infrastructure providers from France federated in EGI delivered 594,421,165 HTC CPU Hours and 7,079,984 Cloud CPU Hours

Country Overview_

Number of supported publications 2,168

Number of total service users 4,573

Scientific Communities supported 32

Data Centres contributing to the Federation 9

Collaboration projects 22

Total HTC CPU hours 594,421,165
Total Cloud CPU hours 7,079,984

About EGI

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.

The EGI Federation brings together national and international service providers to deliver the computing and data services that research teams rely on across Europe. Working as a coordinated federation, EGI enables research communities to access advanced capabilities in computing, data analytics, and artificial intelligence, while also supporting research and development that pushes the frontiers of digital innovation for science.

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

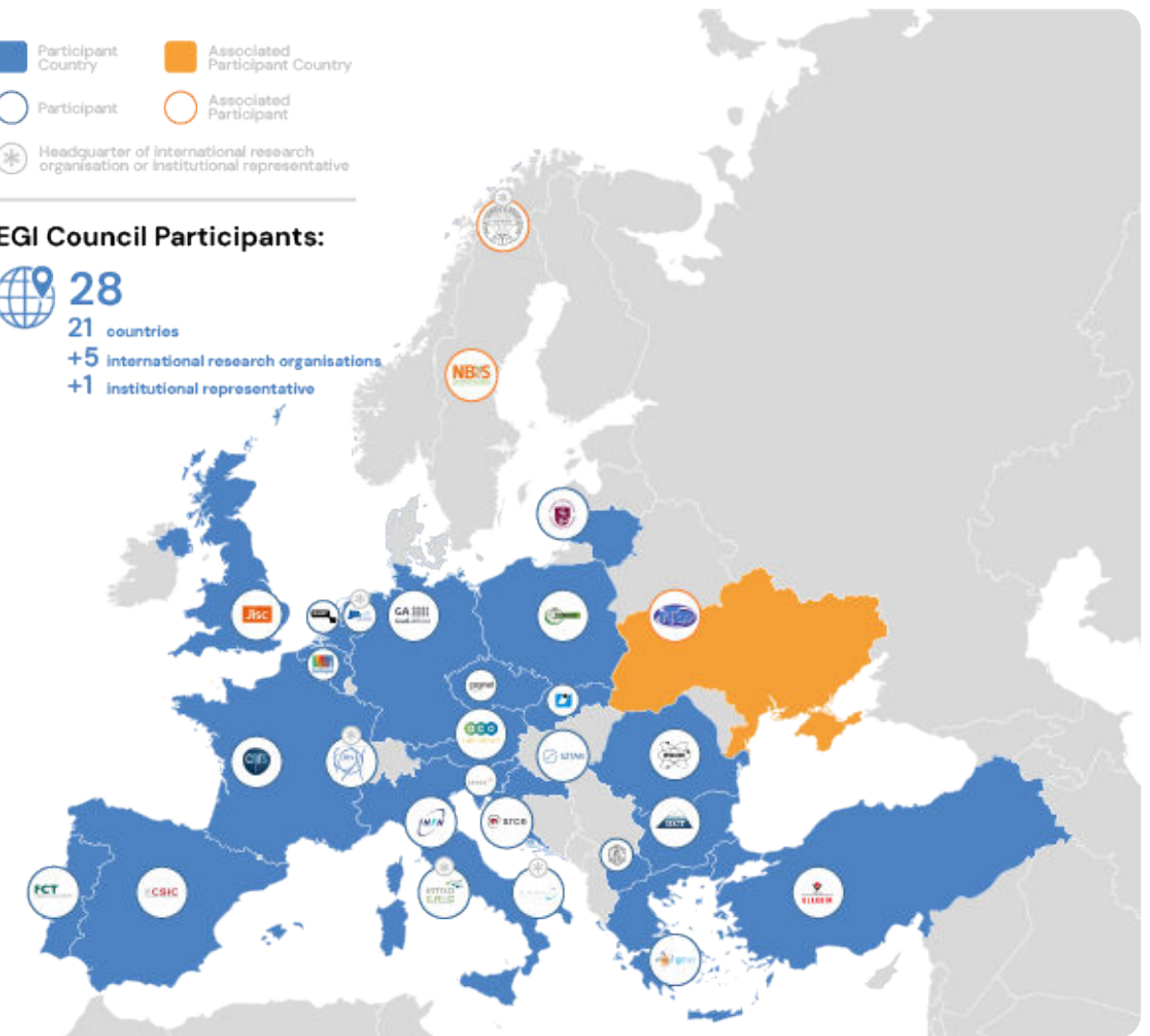
across disciplines, countries, and funding cycles to benefit from ongoing digital innovation. At the same time, the federated infrastructure and its associated R&D activities generate impact across all fields of science, from physics to the humanities, fostering new discoveries and novel research approaches.

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.



EGI Council Participants:

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



Council Participant CNRS_

About CNRS

The French National Centre for Scientific Research (CNRS) is among the world's leading research institutions. Its scientists explore the living world, the matter, the Universe, and the functioning of human societies in order to meet the major challenges of today and tomorrow.

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 France

France Grilles coordinates the French participation to the EGI Federation; France Grilles is represented by CNRS in the EGI Council. France Grilles promotes the building and operation of a multidisciplinary national Distributed Computing Infrastructure open to all sciences and to developing countries in France. This report provides an overview of the activities of France Grilles in EGI, and the impact that was achieved thanks to this participation. The annual membership fee contributed by France Grilles 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 4,321 researchers from France over the year. The estimated annual scientific output produced by research communities, projects and scientific collaborations from France and supported by the EGI Federation in 2025 is estimated to amount to over 2,165 peer reviewed scientific publications. The EGI Federation is currently working with almost 50 Research Infrastructures, 32 of which include French partners. These EGI-enabled research infrastructures, their French members and their scientific output (publications) are detailed in the following pages of the report.

French Research Collaborations in EGI

AMS-02 (Particle Physics)

- LAPP Annecy
- LPSC Grenoble

EGI Supported Activities and Services

The AMS-02 experiment on the International Space Station has been using compute resources from EGI for more than a decade. The services from the EGI federation that AMS-02 uses include:

- EGI HTC services from sites in Italy 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)

3 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

French Research Collaborations in EGI

ALICE (High Energy Physics)

- Université Blaise Pascal Clermont-Ferrand II
- Université Joseph Fourier, Grenoble
- IN2P3
- Université Claude Bernard Lyon
- Université de Nantes

- Université Paris-Sud
- CEA- IRFU Saclay
- Université de Strasbourg

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

French Research Collaborations in EGI

ATLAS (High Energy Physics)

- Université Grenoble Alpes
- Université Savoie Mont Blanc
- Université Clermont Auvergne
- Université Paris-Saclay
- Aix-Marseille Université,
- Sorbonne Université
- Université de Paris

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

French Research Collaborations in EGI

AUGER (Astronomy)

- Institut de Physique Nucléaire d'Orsay
- Laboratoire de Physique Nucléaire et de Hautes Energies
- Université Grenoble Alpes

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

French Research Collaborations in EGI BELLE (High Energy Physics) - Institut Pluridisciplinaire Hubert Curien (IPHC) - rene Joliot-Curie Laboratoire des 2 Infinis - Centre de Physique des Particules de Marseille	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
French Research Collaborations in EGI BIOMED (Life Sciences) - CNRS-IPHC - CNRS-Creatis - BME-IIT - INSERM	EGI Supported Activities and Services The Life Science Grid Community has been supported by EGI for more than one decade, with a Service Level Agreement in place since 2016. The EGI Services used by the community include: - High-Throughput + Online Storage services - EGI Cloud services	EGI Workload Manager During the Horizon 2020 Project EGI-ACE (2021-2024), the BIOMED community was one of the Data Space providers supported.	1 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
French Research Collaborations in EGI Comet J Parc (Physical Sciences) - IN2P3 - Laboratoire de Physique Corpusculaire de Caen - Laboratoire de Physique de Clermont - Laboratory of Nuclear and High Energy Physics, - Institut de Physique des 2 Infinis de Lyon	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
French Research Collaborations in EGI COMPASS (Physical Sciences) IRFU	EGI Supported Activities and Services COMPASS has been supported since 2017 as part of the EGI - WLCG collaboration, formally agreed in an MoU. Federated services delivered in the context of the WLCG MoU, including: - 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)	3 SCIENTIFIC PAPER(S) PUBLISHED IN 2025

French Research Collaborations in EGI CTA (Astronomy) - Université Paris Diderot - CNRS/IN2P3 - CEA - Côte d'Azur Observatory - Université Joseph Fourier - Université de Savoie, CNRS/IN2P3 - Université Montpellier 2, CNRS/IN2P3 - Université Pierre et Marie Curie	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
French Research Collaborations in EGI CLARIN (Linguistics) CNRS	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
French Research Collaborations in EGI CMS (High Energy Physics) - Université Paris-Saclay - Université de Strasbourg - Ecole Polytechnique - CNRS/IN2P3 - Université de Lyon	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	135 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
French Research Collaborations in EGI DUNE (Astroparticle Physics) - Université Paris Diderot - Institut de Physique Nucléaire de Lyon - CNRS/IN2P3 - Université de Savoie Mont Blanc (LAPP) - Laboratoire de l'accélérateur linéaire - University of Grenoble	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

French Research Collaborations in EGI ELI-BEAM (Physical Sciences) • CNRS-CEA • Université Pierre et Marie Curie • Université Paris Sud	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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French Research Collaborations in EGI ELI-NP (Nuclear Physics) • Institut de Physique Nucleaire, Orsay • Ecole Polytechnique • CNRS • Université de Paris Sud	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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French Research Collaborations in EGI EMSO (Oceanography) • Ifremer • CNRS	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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French Research Collaborations in EGI EMPHASIS (Agricultural Sciences) • INRA	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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French Research Collaborations in EGI FUSION (Fusion) • French Atomic Energy Commission (CEA) • Université de Strasbourg	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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French Research Collaborations in EGI HESS (Astroparticle Physics) • Université Montpellier • Université Paris Diderot • CNRS/IN2P3 • Ecole Polytechnique • Observatoire de Paris • Université Pierre et Marie Curie Paris	EGI Supported Activities And Services The HESS experiment has been using compute resources from EGI partners for more than a	• CEA Saclay • Université Bordeaux 1 • Université de Savoie • Aix Marseille Université	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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French Research Collaborations in EGI ILC (High Energy Physics) • CEA Saclay • CNRS/IN2P3 • and others	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
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French Research Collaborations in EGI INSTRUCT (Structural Biology) • Instruct Centre FR1 • Instruct Centre FR2 • IGBMC-CERBM	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
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French Research Collaborations in EGI JUNO (Neutrino Observatory) - Centre d'Etudes Nucléaires de Bordeaux Gradignan - Centre de Physique des Particules de Marseille - Laboratoire des Physique des 2 Infinis Irène Joliot-Curie - Université de Strasbourg	- SUBATECH - CNRS/IN2P3 - Université de Nantes - IMT Atlantique	the EGI federation that JUNO uses include: • EGI HTC services from 3 EGI federated sites from FR, IT and China. > 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)	66 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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French Research Collaborations in EGI KM3NET (Neutrino Observatory) - APC - CPPM - Institut Pluridisciplinaire Hubert Curie - Université de Strasbourg - Université de Haute Alsace, - Mediterranean Institute of Oceanography (MIO)	- SUBATECH - Université de Montpellier - LPC Caenm	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
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French Research Collaborations in EGI LHCb (High Energy Physics) - LAPP - LPC - LPNHE II/CPPM - IJCLab - LLR	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
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French Research Collaborations in EGI LSST (Astronomy) IN2P3	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
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French Research Collaborations in EGI NA62 (High Energy Physics) - Centre National de la Recherche Scientifique - Centre de Physique de Particules de Marseille	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
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French Research Collaborations in EGI OPENCoastS (Ocean Engineering) CNRS	EGI Supported Activities and Services OPENCoastS has been using compute resources from EGI partners since 2018. The services from the EGI federation that OPENCoastS uses include: • EGI Cloud services from 2 EGI federated sites from ES and PT • EGI AAI Check-in			0 SCIENTIFIC PAPER(S) PUBLISHED IN 2025
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French Research Collaborations in EGI SeaDataNet (Oceanography) Ifremer	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
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French Research Collaborations in EGI Solid Experiment (High Energy Physics) - Université de Caen - IN2P3 - SUBATECH - Université de Nantes - Université Paris-Sud - Université Paris-Saclay - Université Clermont	Auvergne 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
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French Research Collaborations in EGI

SKA (Radioastronomy)

- CNRS

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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French Research Collaborations in EGI

VIRGO (Astrophysics)

- CNRS various institutes
- Université Rennes
- Université Savoie Mont Blanc
- IN2P3
- Université de Lyon
- Université de Normandie
- Université de Paris
- Université de Strasbourg, CNRS

- Université Paris-Saclay
- Université PSL

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)

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French Research Collaborations in EGI

WeNMR (Structural Biology)

- CNRS
- Université Paris-Saclay
- ANSES
- Institute for Advanced Biosciences
- Université de Rennes
- Institute PASTEUR
- Institute of Analytical Sciences
- Ecole Polytechnique

- IECB
- Mitovsac
- IPBS
- Université de Paris
- CRI
- Institut de Biologie Structurale
- Sorbonne Université
- ICOA
- CANTHER
- IBMC
- INRAE
- CNRS
- ESRF
- 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

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French Research Collaborations in EGI

XENON (Dark Matter Physics)

- Laboratoire de l'Accélérateur Linéaire
- Laboratoire de Physique Nucléaire et de Hautes Energies
- Subatech, Nantes

EGI Supported Activities and Services

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

- EGI HTC services from 4 EGI federated sites from FR, IT, NL and IL.
- 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)
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Service Level Agreements

During 2025, IN2P3-CPPM, IN2P3-IRES, GRIF and CNRS supported 13 Service Level Agreements 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 French 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.



Project Title



Scope of Collaboration

EGI contributes research and development expertise to the architectural design and implementation of open, distributed software infrastructure for AI4Europe. This ensures the platform evolves as a scalable,

interoperable ecosystem. EGI also applies its deep knowledge of physical resources, usability, distributed systems, and emerging technologies to develop deployment mechanisms for AI tools across private and public cloud and HPC resources.

Participating beneficiaries from the country

- Université Paris Cité

Project Title



Scope of Collaboration

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..

Participating beneficiaries from the country

- DARIAH

Project Title



Scope of Collaboration

EGI provides advanced cloud computing, notebooks, applications-on-demand, file transfer, and data archiving services to support ANERIS's research infrastructure. It contributes technical expertise to EOSC

integration processes and the development of a sustainable business model. EGI leads key technical tasks including the computing continuum infrastructure (T5.1), overall integration and EOSC synergies (T5.5), and innovation management (T6.3), while supporting virtual

research environments for genomics analysis, imaging-biooptics, and participatory sciences.

Participating beneficiaries from the country

- EMBRC
- CNRS

Project Title



Scope of Collaboration

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)..

Participating beneficiaries from the country

- Ifremer
- Mercator Ocean
- Sorbonne Université
- IRD
- EMBRC
- ERIC
- IEEE France
- POKAPOK
- OceanScope

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.	• ESF • Université d'Aix Marseille

Project Title	Scope of Collaboration	Participating beneficiaries from the country
	EGI advances the deployment and growth of common European data spaces by developing interoperable data sharing environments that enable secure reuse across sectors while upholding EU values and principles..	• CEA

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. Participating beneficiaries from the country • CNRS • Fondation des Sciences du Patrimoine • ICOMOS • DARIAH • SPARNA

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).. Participating beneficiaries from the country • ESF

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. Participating beneficiaries from the country • CERF • CNRS • INRIA • LIMICS • Medexprim • Owkin

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.	• Bibracte

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.	• Bibracte

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.	• Université Paris Cité • CNRS

Project Title 	Scope of Collaboration EGI contributes research expertise to defining requirements, metrics, specifications, and validation pilots for assessing thematic services and platforms.	Participating beneficiaries from the country • INRAE • INRIA
Project Title 	Scope of Collaboration 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. Participating beneficiaries from the country • Sorbonne Université • Greenspector
Project Title 	Scope of Collaboration 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) Participating beneficiaries from the country • CNRS • AnaEE-ERIC • EMBRC • CERFACS
Project Title 	Scope of Collaboration EGI supports research into sampling, analysis, quantification techniques, new materials, and models to evaluate plastics' environmental interactions, enabling mitigation measures and informed management decisions..	Participating beneficiaries from the country • Sorbonne Université • CNRS

Project Title 	Scope of Collaboration EGI co-designs and deploys AI models on edge resources, providing computational and storage capacity through its federation. It develops a two-tier e-infrastructure for validation and data processing, coordinates national funding for	sustainability, addresses data management challenges, and integrates with EOSC.	Participating beneficiaries from the country • INRAE • INRAE Transfert SAS • Université d'Angers • GEVES • HIPHEN • GEOSYS • Université d'Aix Marseille • C.I.R.A.D. EPIC • AnaEE-ERIC
Project Title 	Scope of Collaboration 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.	Participating beneficiaries from the country • Université Paul Sabatier Toulouse III • Watermann Jurgen • CNES
Project Title 	Scope of Collaboration 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).	Participating beneficiaries from the country • École d'économie de Paris
Project Title 	Scope of Collaboration 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		Participating beneficiaries from the country • ESF

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.	CEA

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. Alia Santé

Infrastructure Contributions

The EGI Federation offers two complementary compute capabilities: the High-Throughput Compute (HTC) federation and the Cloud federation. 9 French data centres contribute to these federations:

- HTC Federation:**
- IN2P3-CC (IN2P3, Lyon)
 - IN2P3-CPPM (Centre de Physique des Particules de Marseille)
 - IN2P3-IPNL (Institut de Physique des 2 Infinis de Lyon, CNRS)
 - IN2P3-IRES (Institut Pluridisciplinaire Hubert Curien)
 - IN2P3-LAPP (Laboratoire d Annecy de Physique des Particules)
 - IN2P3-LPC (IN2P3-LPC, Clermont-Ferrand)

- Cloud Federation:**
- IN2P3-IRES (Institut Pluridisciplinaire Hubert Curien)
 - UNIV-LILLE (Universite de Lille)

The data centres provided 2 service endpoints and delivered 594,421,165 HTC CPUhours 7,079,984 Cloud CPUhoursin total to EGI communities over the year. With the help of the EGI Security Vulnerability Group,

the French 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 52.37%;
- CMS 19.51%;
- LHCb 16.11%;
- ALICE 9.75%;
- VIRGO 1.18%;

Methodology_

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

Users

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

- EGL 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 EGL services in different ways (e.g., by using Services for Federation or Services for Research).
- EGL 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 EGL. EGL Virtual Organisations (VOs) can rely on different technical and non-technical mechanisms to manage

their own members. Depending on their choice, the EGL Federation coordinator (EGL 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 EGL Foundation uses the following mechanisms to obtain information about the VO users:

- Obtain user number statistics from the EGL Operations Portal for VOs, where the members register personally in a 'VO membership management' system that is either operated by EGL or can be accessed by EGL.
- Obtain user number statistics from Community VRE REST APIs for VOs that operate Virtual Research Environments (VREs) on top of EGL 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. EGL 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

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



EGL Membership Impact Report

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EGL Foundation

EGL_einfra