



EGI Council Participant: GRNET

Participating in EGI Impact Report: Greece

2024

egi.eu



Table of Contents

04

Infographic

05

Country
Overview

06

About EGI

10

EGI Contribution to the
country excellence in
science

16

Service
Level
Agreements

08

About
Council
Participant

09

Overall EGI
Impact

17

Participated
Projects

22

Infrastructu-
re Contribu-
tion

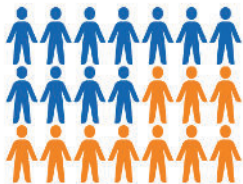
23

Methodology

Infographic

592 service users

In 2024, 592 researchers from Greek institutions used the services provided by the EGI Federation



1,486 publications

The research communities, projects and scientific collaborations from Greece supported by the EGI led to 1,486 peer-reviewed scientific publications

13 Supported communities

In 2024, the Greek infrastructure supported 13 research communities in the following disciplines: Agriculture, Climate Research, Health and Medicine, Linguistics, Physics



Projects

Greek partners participate in 21 collaboration projects.

Compute Delivery

In 2024, the infrastructure providers from Greece federated in EGI delivered 355,981 Cloud CPU Hours.



Country overview

Number of supported publications 1,486

Number of total service users 592

Scientific Communities supported 13

Data Centres contributing to the Federation 5

Collaboration projects 21

Total Cloud CPU hours delivered 355,981

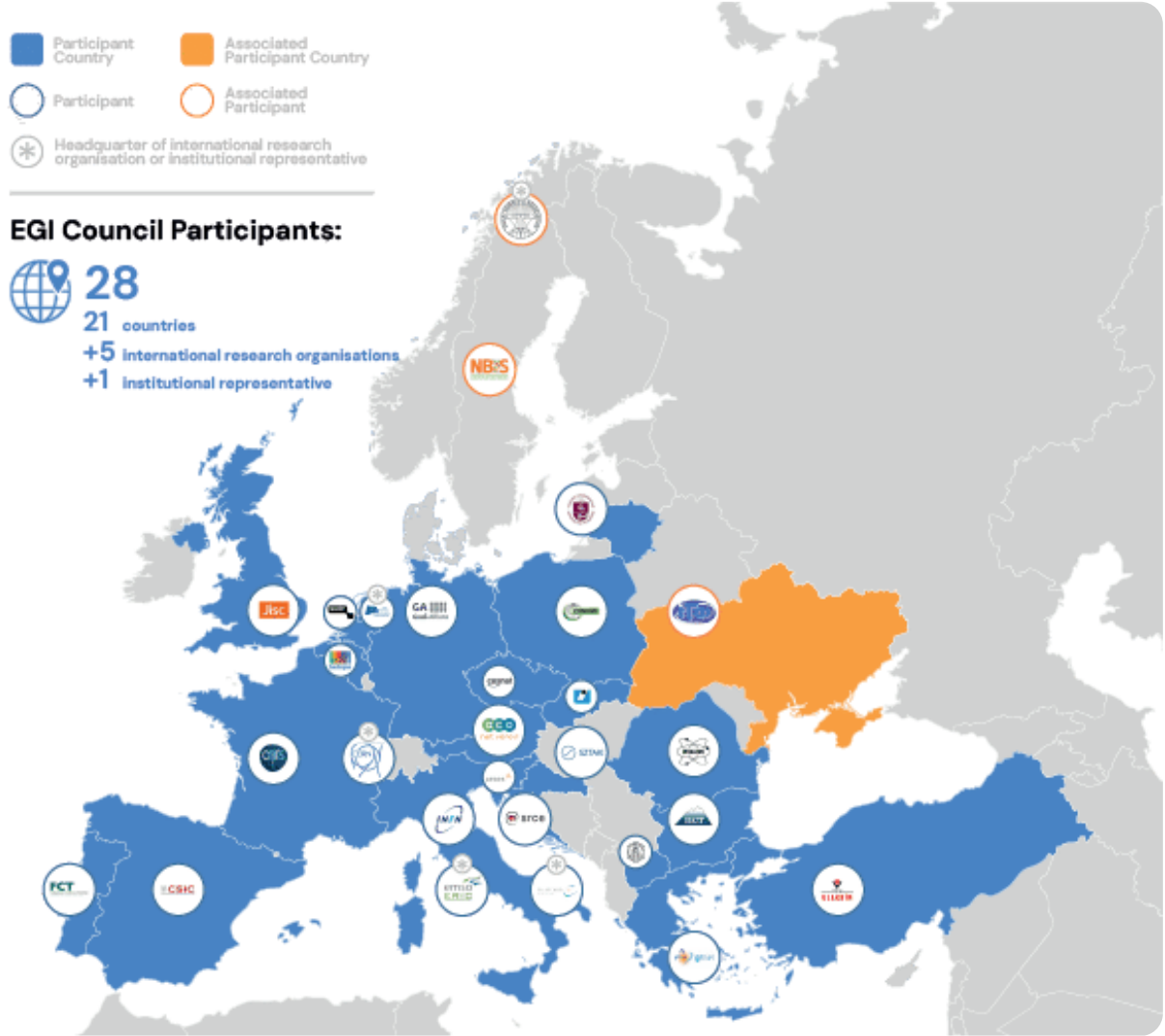
About EGI

EGI is the federation of computing and storage resource providers united by a mission of delivering advanced computing and data analytics services for research and innovation.

The EGI Federation believes that all researchers should have seamless access to services, resources and expertise to collaborate and conduct world-class research and innovation. The EGI Federation is coordinated by EGI Foundation, an organisation with headquarters in Amsterdam. The Foundation offers a service federation and management platform, enabling the data centres to harmonise and integrate their services by connecting to a common hub. Moreover, it engages with international research communities using these services in order to understand and satisfy their demands for advanced computing for research.

The mission of EGI is pursued by coordinating and provisioning an international federated infrastructure that pools together service providers from both the public and private sectors in Europe to develop, integrate and deliver digital services for compute and data-intensive research and innovation. As an open initiative with a global outlook, the EGI Federation also connects service providers beyond Europe, following the collaboration needs of the served communities.

The latest Annual Report provides an extensive overview of the results that have been achieved through our collaborative efforts in 2024.



Approved EGI Council map from 2024



About GRNET

GRNET – National Infrastructures for Research and Technology, is one of the largest public sector technology companies in Greece. Since August 2019 operates under the auspices of the Ministry of Digital Governance. GRNET provides networking, cloud computing, HPC, data management services and e-Infrastructures and services to academic and research institutions, to educational bodies at all levels, and to all agencies of the public sector.

GRNET holds a key role as the coordinator of all e-infrastructures in Education and Research. It is responsible for promoting and disseminating network and computing technologies and applications, as well as for promoting and implementing Greece's Digital Transformation goals and policy. GRNET leverages the national educational and research activity, striving towards the development of applied and technological research in the fields of telecommunication networks and computing services.

It designs, develops and maintains advanced computer & networking infrastructures and services, data centers, a nation-wide fiber optic network and a high-performance computer system (HPC-ARIS). GRNET also coordinates and participates in Open Science projects, and is involved in the formulation of the National Artificial Intelligence Strategy. Also, it is the Euro QCI (Quantum Communication Infrastructure) national representative.

GRNET develops synergies with other agencies which provide digital services in the Greek public sector, by sharing best practices and know-how on advanced information systems. It provides international interconnection through the pan-European GÉANT network, and is the National Research and Education Network (NREN).

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 2024, the EGI Federation served around 116,000 users (+23%). EGI users consumed 7,4 Billion HTC CPU hours (+5.7%), 62,7 Million Cloud CPU hours (-23,5%), ran over 402 M computational jobs (+8%) and published over 2,560 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 2024, the one with most extensive Cloud CPU/h consumption is WeNMR.

Moreover, EGI engaged with a total of 249 scientific

communities; 11 SMEs and business pilots, and 2 additional Research Infrastructure included in the ESFRI Roadmap, raising the total of number of ESFRI partners/users of EGI to 25.



EGI contribution to Greece excellence in science

GRNET Consortium coordinates the Greek participation to the EGI Federation, representing the National grid initiative for Greece. GRNET Consortium promotes the building and operation of a multidisciplinary national Distributed Computing Infrastructure open to all sciences and to developing countries in Greece. This report provides an overview of the activities of GRNET Consortium in EGI, and the impact that was achieved thanks to this participation. The annual membership fee contributed by GRNET Consortium to the EGI Foundation in 2024 was 90,000 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 2024, our federation was used by over 260 scientific communities, and has been accessed by around 116.000 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 592 researchers from Greece in 2024. The estimated annual scientific output in 2024 produced by research communities, projects and scientific collaborations from Greece and supported by the EGI Federation is estimated to amount to over 1,337 peer reviewed scientific publications.

The EGI Federation is currently working with over 40 Research Infrastructures, 13 of which include Greek partners. These EGI-enabled research infrastructures, their Greek members and their 2024 scientific output (publications) are detailed in the following pages of the report.

Greek research collaborations in EGI

ALICE (High-Energy Physics)
• Physics Department, University of Athens

EGI supported activities and services

ALICE has been supported since 2012 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)

Number of scientific papers published in 2024

47

ATLAS (High-Energy Physics)
• National Centre for Scientific Research (NCRS) “Demokritos”
• National and Kapodistrian University of Athens
• Aristotle University of Thessaloniki
• National Technical University of Athens

ATLAS has been supported since 2012 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)

126

CLARIN (Linguistics)
• clarin:el, ILSP-ATHENA Research Center

CLARIN thematic services has been supported by EGI since 2018. CLARIN has a Service Level Agreement with EGI, using the following services: EGI services:

- EGI Cloud (Compute + Online Storage) for hosting the Virtual Language Observatory (VLO)
- Technical support
- Service integration

13

Greek research collaborations in EGI

EGI supported activities and services

Number of scientific papers published in 2024

CMS (High-Energy Physics)

- University of Ioánnina
- National Centre for Scientific Research (NCRS) “Demokritos”
- National Technical University of Athens
- National and Kapodistrian University of Athens

CMS has been supported since 2012 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)

109

CTA (Astronomy)

- National and Kapodistrian University of Athens
- National Technical University of Athens
- Aristotle University

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)

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Greek research collaborations in EGI

EGI supported activities and services

Number of scientific papers published in 2024

DUNE (Astroparticle Physics)

- National and Kapodistrian University of Athens

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)

37

ELI-NP (Nuclear Physics)

- Hellenic Mediterranean University

ELI has been working with EGI since 2016 on exploring and validating approaches for off-site computing and data management. ELI-NP setup a High Throughput ComputeService 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

19

EMPHASIS (Agriculture)

- Mediterranean Agronomic Institute of Chania

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

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Greek research collaborations in EGI

EGI supported activities and services

Number of scientific papers published in 2024

EMSO (Oceanography)

- HCMR

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 setup the EMSO ERIC Data Management Platform on the EGI providers in order to harmonize the data sets following Oceansites specifications, FAIR principles, and EOSC guidelines.

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KM3NET (Neutrino Observatory)

- Aristotle University Thessaloniki
- Hellenic Open University
- National Centre for Scientific Research (NCRS) "Demokritos"
- National and Kapodistrian University of Athens

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)

25

LifeWatch (Biodiversity and Ecosystem Research)

- Institute of Marine Biology, Biotechnology and Aquaculture (IMBBC)
- 49 partner institutions covering a wide range of scientific disciplines

The LifeWatch experiment has been using compute resources from EGI partners since 2018. The services from the EGI federation that LifeWatch uses include:

- EGI Cloud services from 2 EGI federated sites from ES and PT
- 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)

149

Greek research collaborations in EGI

EGI supported activities and services

Number of scientific papers published in 2024

MOEDAL-MAPP (Physical Sciences)

- Technical University of Athens

MOEDAL-MAP has been supported since 2016 as part of the EGI WLCG collaboration, formally agreed in an MoU. Federating 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)

22

WeNMR (Structural Biology)

- University of Athens
- National Centre for Scientific Research (NCRS) "Demokritos"
- BSRC Alexandre Fleming
- Aristotle University of Thessaloniki
- University of Patras
- University of West Attica

WeNMR 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 the Netherlands, Italy, France, 2023y, UK, Poland, the Asia Pacific region, IberGrid (Spain and Portugal), Italy, the Latin America region.
- EGI Workload Manager
- Trust and identity management with Check-in
- Technical support: WeNMR benefited from continual support through dedicated support activities in various EGI flagship projects: EGI-Engage, EOSC-hub and EGI-ACE.

939

Service Level Agreements

During 2024, GRNET supported 33 Service Level Agreements for international scientific communities via EGI, delivering the Check-in Identity and Access Management service.

Community Engagement

During 2024, 4 participants from Greece joined the EGI2024 conference and delivered 1 talk in it.

Participated projects

The EGI Foundation leads five Horizon Europe Projects, three of which started in 2024:

- iMagine (September 2022–December 2025)
- interTwin (September 2022–August 2025)
- ENVRI-Hub NEXT (February 2024–January 2027)
- EOSC Beyond (April 2024–March 2027)
- SPECTRUM (January 2024–June 2026)

Furthermore, the EGI Federation was involved in 3 additional projects, increasing the innovation potential of its participants.

The EGI Federation participates in Horizon 2020 and Horizon Europe projects together with Austrian 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







ENVRI-Hub
NEXT

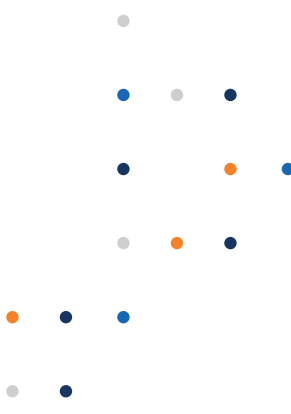
eosc | BEYOND



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.	<ul style="list-style-type: none"> NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS" ARISTOTELIO PANEPISTIMIO THESSALONIKIS
	EGI is involved in the activities around Cloud-based AI Tools for Citizen Centric & Autonomous Policy, in particular with the Dynamic provisioning of Cloud and HPC. Moreover, it leads the integration of Validated AI-based Applications and Tools, contributes to dissemination and communication, and leads the the business modelling and sustainability planning.	<ul style="list-style-type: none"> Dimos Athinaion Epicheirisi Michanografisis
	EGI leads the activities on Communication Dissemination and Exploitation Management and significantly contributes to the technical guidance and architecture definition, trust policy harmonisation and interoperability, validation activities, and to the preparation of the Compendium and recommendations.	<ul style="list-style-type: none"> GRNET
	The EGI Foundation delivers a reference architecture for Smart Energy and extend COSMAG specification to enable B2B multi-party data exchange, while providing full interoperability of leading-edge big data technologies with smart grid standards and operational frameworks; evolve and upscale a number of TRL 5-6 technology enablers; delivers a TRL8 open modular big data analytic toolbox as front-end for one-stop-shop analytics services development by orchestrating legacy and/or third party assets (data, computing resources, models, algorithms); validates such framework through the delivery of predictive and prescriptive edge AI-based big data analytics on 13 large scale pilots, deployed by different energy stakeholders.	<ul style="list-style-type: none"> NTUA National Technical University of Athens Tilos University of West Attica / Tilos Smart Island Holistic Pc
	EGI contributes with the services Cloud computing, Notebooks and Applications on demand, FTS, data archiving. It participates to the EOSC Integration processes and the sustainability business plan.	<ul style="list-style-type: none"> NATIONAL INFRASTRUCTURES FOR RESEARCH AND TECHNOLOGY IDRYMA TECHNOLOGIAS KAI EREVNAS HELLENIC CENTRE FOR MARINE RESEARCH
	EGI coordinates the task dedicated to the Single Sign-On access with the EGI Check-in service.	<ul style="list-style-type: none"> OpenAIRE AMKE

Project title	Scope of collaboration	Participating beneficiaries from the country
	EGI is involved in developing a detailed roadmap, analyzing state-of-the-art technology, and designing a modular architecture framework. Moreover, It works to improve data monetization strategies for EU companies and define KPIs for fair dataset valuation. EGI will help develop business cases for data sharing platforms, explore non-monetary data value dimensions, and prepare pilots for framework deployment. Demonstration and validation tests will be conducted at pilot sites. Additionally, EGI contributes to disseminating results, managing innovation and sustainability, participating in standardization activities, and coordinating with the Data Spaces Support Centre.	<ul style="list-style-type: none"> ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS EREVNITIKO PANEPISTIMIAKO INSTITOUTO SYSTIMATON EPIKOINONION KAI YPOLOGISTON ORGANISMOS TILEPIKOINONION TIS ELLADOS OTE AE DIACHEIRISTIS ELLINIKOU DIKTYOU DIANOMIS ELEKTRIKIS ENERGEIAS AE
	EGI works on integrating datasets, tools, and workflows from the broader landscape into ECHOES. It supports the technical framework and infrastructure with a scalable, secure storage and compute infrastructure. Also, EGI provides an authentication and authorisation infrastructure (AAI) for the single entry point in the cloud environment. Last but not least, EGI contributes to the project's long-term sustainability, leverages ECCCH's advocacy and open innovation by engaging with the private sector.	<ul style="list-style-type: none"> The Foundation for Research and Technology – Hellas (FORTH)
	EGI contributed to the design, operation and interoperability of EOSC Core services, to running the EOSC Digital Innovation Hub, as well as to resource strategy and the processes for onboarding new groups to EOSC. EGI was responsible for requirements collection and analysis for both the EOSC Back Office and Front Office. It also leads all operational aspects of the EOSC Portal. Finally, EGI played a leading role in developing the EOSC SMS.	<ul style="list-style-type: none"> ATHINA-EREVNITIKO KENTRO KAINOTOMIAS STIS TECHNOLOGIES TIS PLIROFORIAS, TON EPIKOINONION KAI TIS GNOSIS NATIONAL INFRASTRUCTURES FOR RESEARCH AND TECHNOLOGY OpenAIRE AMKE JNP STRATIGIKI KAI EPICHIRISIAKI SYMVOULEFTIKI IKE
	Within EUCAIM, EGI works on the development of the platform core services in addition to supporting the creation of the platform central storage and infrastructure. Moreover, EGI leads the activities around the design and implementation of a federated learning and data analysis infrastructure, and ensures access to HPC/Cloud resources across Europe.	<ul style="list-style-type: none"> Aristotle University of Thessaoloniki Foundation for Research and Technology – Hellas Hellenic Cancer Society
	EGI contributes to the definition of requirements, metrics, specifications and pilots for the assessment of thematic services and platforms	<ul style="list-style-type: none"> ATHENA RC OpenAIRE AMKE

Project title	Scope of collaboration	Participating beneficiaries from the country	Project title	Scope of collaboration	Participating beneficiaries from the country
 GreenDIGIT	<p>Within the project, EGI will conduct an environmental impact landscape assessment within the EGI federation and in partner ESFRIs to identify best practices and opportunities related to environmental sustainability. The project will develop an environmental metrics publication system for digital service providers and energy-aware brokering logics for scientific workflows running on EGI HTC, cloud, container and AI services. EGI will develop an environmental impact self-assessment questionnaire for Research Infrastructures. Finally, EGI will assist with project communications and will provide consultancy and training for service providers within and beyond EGI on methods and approaches to lower their environmental impact.</p>	<ul style="list-style-type: none"> University of Thessaly 	 SoBigData	<p>EGI is one of the main contributors to the design and definition of the EOSC architecture and the federated service management framework, and coordinates service pilots participates by the scientific demonstrators. EGI also contributed to the definition of the governance framework and to the works on Rules of Participation. In the project EGI will enhance the SoBigData platform with two services: Jupyter Notebooks and the Workflow manager Galaxy</p>	<ul style="list-style-type: none"> OpenAIRE AMKE
 IRISCC	<p>EGI plays a key role in IRISCC by leading communication, dissemination, engagement, and exploitation efforts (WP1), including stakeholder mapping and promotion of the service catalogue. In WP3, EGI supports knowledge exchange and user training by developing climate risk training modules and providing access to its training and computing infrastructure.. For WP6, EGI helps assess integrated knowledge services by aligning access policies, analysing AAI services, and contributing to FAIR and interoperability frameworks.</p>	<ul style="list-style-type: none"> EnviFriendly Innovations P.C. University of Crete National Observatory of Athens 	 SOBIGDATA	<p>EGI leads the work on Services Provision, which collects information about the services that the RI can provide and creates a plan for a unified single access point RI, including access policies for the distributed resources. EGI also contributes to the development of the financial aspect of the future RI, defines the business cases and the cost book, supports the strategy and enhance the impact of the RI, contributes to the Dissemination and Communication plans (WP5), and to the creation of the Italian central Hub for the preparation phase.</p>	<ul style="list-style-type: none"> OpenAIRE AMKE ATHINA-EREVNITIKO KENTRO KAINOTOMIAS STIS TECHNOLOGIES TIS PLIROFORIAS, TON EPIKOINONION KAI TIS GNOSIS
 lethe	<p>EGI Foundation is leading the design of LETHE system architecture and building a data collection and big data framework, including set-up of the LETHE big data infrastructure, set-up the authentication scheme for the LETHE project and registration of the LETHE infrastructure and services in EOSC.</p>	<ul style="list-style-type: none"> Idryma Technologias Kai Erevnas 	 TANGO	<p>TANGO EGI contributes to the GAP analysis, User needs and requirements, Definition of System Requirements and Technical Specifications, and Security, in addition to the Self-sovereign Identity Management and Dissemination and Communication. EGI coordinates the task dedicated to Policy recommendations on Distributed Infrastructures, Secure Data Exchange & Data Spaces.</p>	<ul style="list-style-type: none"> EXUS AI University of Thessaly UNIVERSITY of PIRAEUS METRO
 PITHIA-RI	<p>The EGI Foundation supports the project in defining interoperability standards among the participating facilities, and with the broader landscape, including EOSC, and leads the design of sustainable services and activities that will last beyond the project. EGI members deliver a federated cloud environment with a cloud-based ‘EGI Notebooks’ service for the PITHIA e-science centre to offer a scalable and customisable web environment for writing workflows, exchanging workflows, accessing, analysis and sharing of data.</p>	<ul style="list-style-type: none"> Ethniko Asteroskopeio Athinon 			



Infrastructure contributions

The EGI Federation offers two complementary compute capabilities: the High-Throughput Compute (HTC) federation and the Cloud federation. 5 Greek data centres contribute to these federations:

- HTC Federation:**
- GR-O7-UOI-HEPLAB (HEP Laboratory, Physics Department, University of Ioannina, Greece)
 - HG-O2-IASA (IASA)
 - HG-O6-EKT (EKT – NDC)
 - GRNET-ARIS

- Cloud Federation:**
- GRNET-OPENSTACK

The data centres provided 5 service endpoints and delivered 355,981 Cloud CPU hours to EGI communities in 2024. The data centres responded to 1 support ticket through the EGI Helpdesk.

Methodology

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

Users

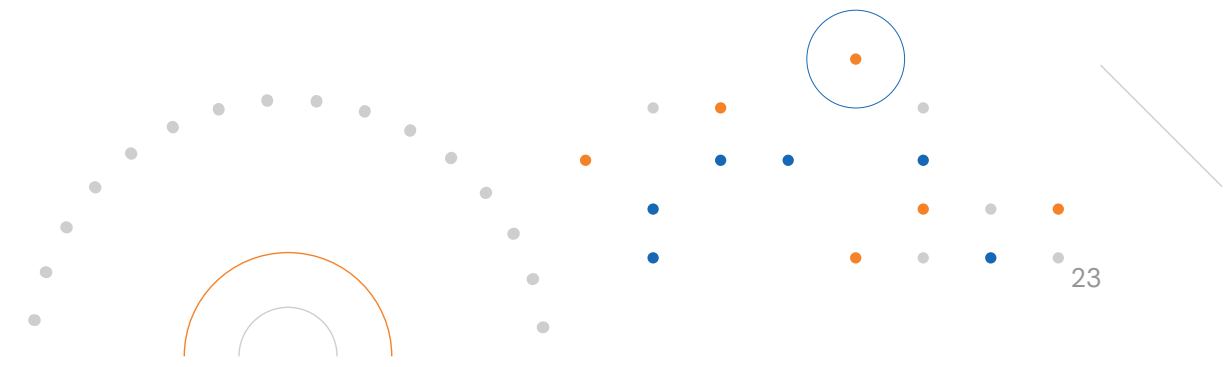
EGI uses the following methodology to capture the number of EGI users who rely on EGI services

- 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 2024, there were 135 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

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