

National Infrastructures for Research and Technology
GRNET S.A.

CORPORATE PRESENTATION



MISSION

National Infrastructures for Research and Technology - GRNET's mission is to offer an integrated environment of cutting-edge technologies, model digital solutions, infrastructures and specialized expertise which contributes to the modernization and digital advancement of the overall citizen experience in the fields of Public Administration, Education, Research, Health and Culture.



ROLE

- Design and development of advanced information systems and e-Infrastructures to achieve Greece's Digital Transformation goals (gov.gr; wallet etc)
- Design, development and maintenance of national advanced information systems, computing- network infrastructures and cloud services
- National Infrastructure Development: 6 data centers
- Operation of the national high performance computing system (HPC ARIS)
- Development and Operation of the new high-performance computing system (HPC DAEDALUS)
- Operation of GR-IX: The Greek Internet Exchange
- Operation of the national fiber optic network for Research, Education, Hospitals and Governmental institutions
- Provision of international cross-connectivity through the GÉANT pan-European network
- Implementation and management of European, International and National e-Infrastructure Projects
- Quantum Communication Infrastructure, Open Science, Artificial intelligence: formulating national strategies.
- Development of citizens digital skills & operating the National Digital Academy

GRNET at a glance

Develops advanced information systems and e-Infrastructures to achieve Greece's Digital Transformation goals



Develops and operates the single digital gateway Gov.gr & Wallet



Manages a portfolio of 69 advanced Services ~ 40 National and European Projects



Serves hundreds of thousand of users



Operates the optical fiber network 10.000 km



Develops and maintains National Infrastructure

- 6 Data Centers
- National Supercomputing Infrastructure
- National HPC Competence Center
- GR-IX Greek Internet Exchange



Develops lessons and initiatives for the digital skills of citizens



Connects International Research and Academic Communities for the dissemination of research and science

GRNET'S Contribution

01

improvement of **citizen's experience in receiving public services** through the implementation of the National Digital Strategy

02

constitution of a more **extroverted Greek Research and Education community,**

03

technology enhancement of the **Health sector**

04

enhancement of the **educational processes**

05

creation of **new models of cooperation** amongst public agencies, research and education communities, citizens and businesses.

Users

Serving daily users in the sectors of:
Public Administration, Education, Research, Health, Culture



grnet@government



grnet@education



grnet@research



grnet@health



grnet@culture



Organizations and Institutions

- Universities
- Research Centers
- Large Research Infrastructures
- Hellenic School Network
- Public Libraries
- Culture Centers
- Content Providers
- Public Administration sector
- Public Health Sector (Hospitals, Blood Donation/Transfusion Services)

Users

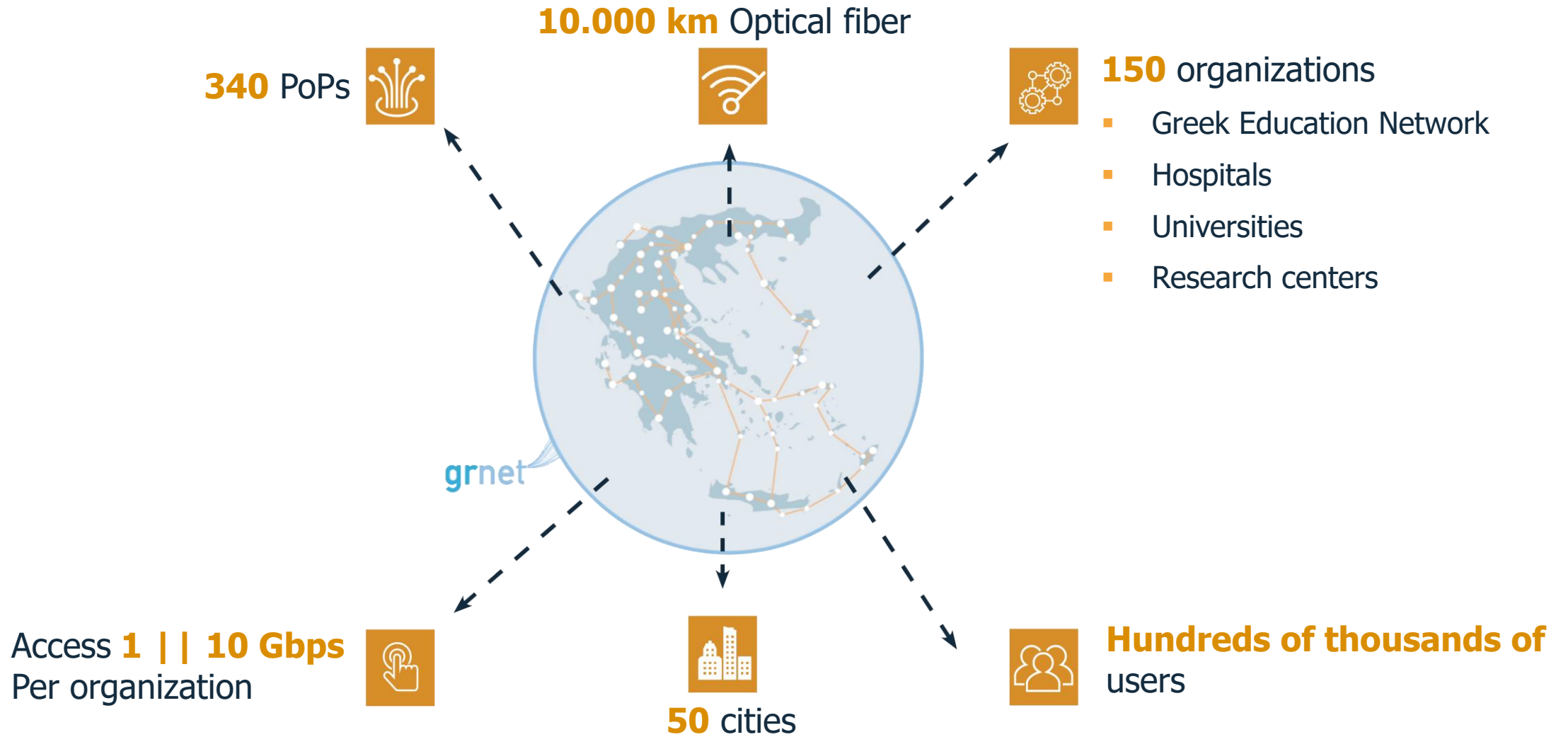
- **Academic and Research Community users (Students, Professors, Researchers, Academic and Administration Management, Network Operations Centers (NOC), Technical Staff)**
- **Health Sector users**
- **Hospital: Doctors, Administration, Management, NOC, Technical**
- **Blood Donor Volunteers**
- **Public Administration Officers**
- **Citizens**

GRNET in numbers

- > **150** universities, research centers, hospitals, cultural centers
- > **15.000** schools
- **Nx10 Gbps** dark fiber backbone
- Access **1 || 10 Gbps** per institution
- International connectivity through GÉANT network multiple **10 Gbps**
- **535 TFlops** HPC Tier-1 centre, member of PRACE
- **6** DataCenters: EKT, Ypeph-Marousi, Louros Arta, Heraklio Crete, hosting:
 - **134** racks,
 - **2000+** servers,
 - **11.500** Virtual Machines,
 - **3 PB** disk storage,
 - **5 PB** tape



Network Connectivity



Computing Infrastructures

- **33.101** ~okeanos cloud users
- **6** data centers in **3** geographic locations
- **2.000** servers
- **11.500** active VMs
- **5.200** datacenter network ports in total
- **10.000** active cloud users
- An optical network of a maximum capacity of **1 Tbps** for the datacenters

Louros River, Arta



Heraklion, Crete



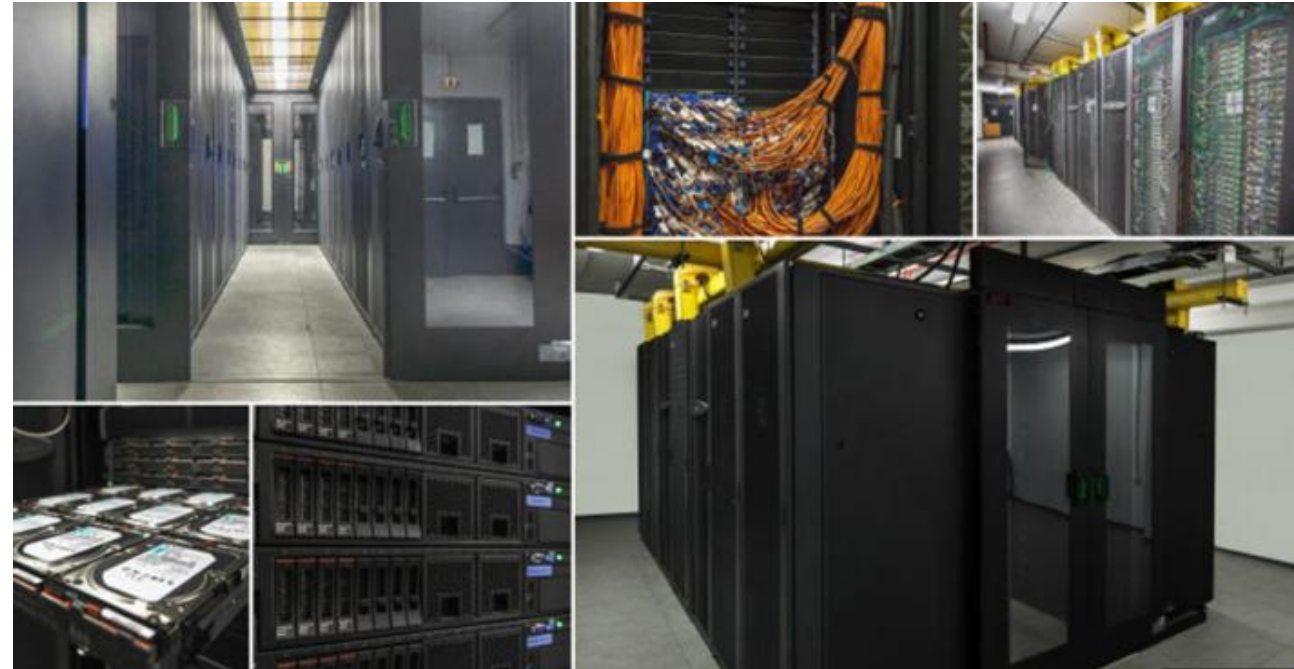
Ministry of Education, Marousi



National HPC Infrastructure

ARIS - HPC

- **5** computational islands, **535** compute nodes
- **2 PB** of storage space
- **535 TFlops** HPC Tier - 1 centre
- **1.100** HPC projects
- **103.605 core Years** core Years (**908** million core Hours) during the last **10** years



New National Supercomputer

DAEDALUS

- **2026** installation at the Lavrion Technological and Cultural Park
- **58.9M euros** Total Budget
- **89** Petaflops power
- Low energy cost of operation (powered by renewable energy sources and cooled by environmental friendly technology)
- Support of scientific research and innovative SMEs/industry with high computational capacity



PHAROS AI Factory will utilize HPC DAEDALUS

- The **PHAROS AI Factory** project has a total budget of 30 million euros. The funding comes 50% from the EuroHPC Joint Undertaking and 50% from national funds.
- The supercomputer functions will enable the activation of PHAROS AI Factory services, along with interoperability with other EU initiatives and infrastructures.
- PHAROS will leverage all the services, tools, products, training and networking implemented during the project.
- PHAROS AI Factory will focus on the development of new Artificial Intelligence (AI) services with an emphasis on the following three vertical sectors: Health, Greek Language and Culture - the language models -, as well as Sustainable Development, contributing to environmental and social issues.

SERVICES AND PROJECTS

69 Services

- Network and Connection Services
- Computational and Storage Services
- Data Services
- Identification & Security Services
- Sound, Voice and Visual Services

~ 40 National & European Projects

- Digital Governance
- Infrastructures & Services (Network, Computational, Connection, Storage, Cloud, Digital Content)
- Open Science
- Green Actions
- Artificial Intelligence

PROJECTS

GRNET coordinates or actively participates in more than 40 currently ongoing National, European and International projects for the development of infrastructures and services

- **Funding from national resources**, NSRF, RFF (Recovery and Resilience Facility) and European Funds
- Developing **partnerships at national and European level**. The extroversion of GRNET ensures user access to international research and educational technological infrastructure and services for the utilization of Information and Communication Technologies, with mutually beneficial synergies.
- **International recognition of GRNET know-how**

INTERNATIONAL COLLABORATIONS

GRNET facilitates the evolution and proliferation of research and technology, by offering opportunities to all its users to develop their academic and scientific activities.

Our teams of professionals collaborate with key partners, through national, European and international partnerships, adopt and advance state-of-the-art digital technologies, with the aim to support continuous growth and excellence for the benefit of the Greek society.

INTERNATIONAL COLLABORATIONS



European collaboration on e-infrastructures and services for Research and Education



Federated e-Infrastructure set up for the provision of advanced computing services



European Open Science Cloud



Collects, stores and provides access to data from the Sentinel satellites of the Copernicus Earth Observation program



EuroHPC
Joint Undertaking

The European High Performance Computing Joint Undertaking (EuroHPC JU) is a legal and funding entity, leading the way in European supercomputing.



European Technology Platform for High Performance Computing



Integrating existing archeological data infrastructure across Europe to explore research methodologies



European Persistent Identifiers Service



The European Internet Exchange Association for strengthen and improve the Internet Exchange Point (IXP) community



Collaborative Data Infrastructure

Advanced e-Infrastructures & Services for Public Administration



Digital Transformation



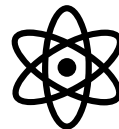
Digital Transformation Advisor

- Promotion of the **National Strategy for Digital Transformation** with emphasis on the Greek Public Administration
- Creating the **prerequisites for Research & Development** in the field of Digital Governance
- Design of modern **interoperable information systems** and services
- Development of **tool, methodologies and best practices**



National Academy for Digital Skills

- Implementation of the Digital Governance Ministry Strategy for **Digital Competence Development**
- Development of **education and training activities**
- Development of **initiatives for awareness** and information



Quantum Projects

- **Quantum Communications Infrastructure:** Develop and deploy advanced national QCI systems and networks in Greece in order to strengthen the resilience of critical infrastructure in the Greek territory against cyber threats. Contributing to European digital sovereignty via EuroQCI.



Artificial Intelligence Strategy

- Drafting the **National Strategy on Artificial Intelligence** for the Public and Private Sectors
- **PHAROS:** The Greek AI Factory for accelerating AI innovation

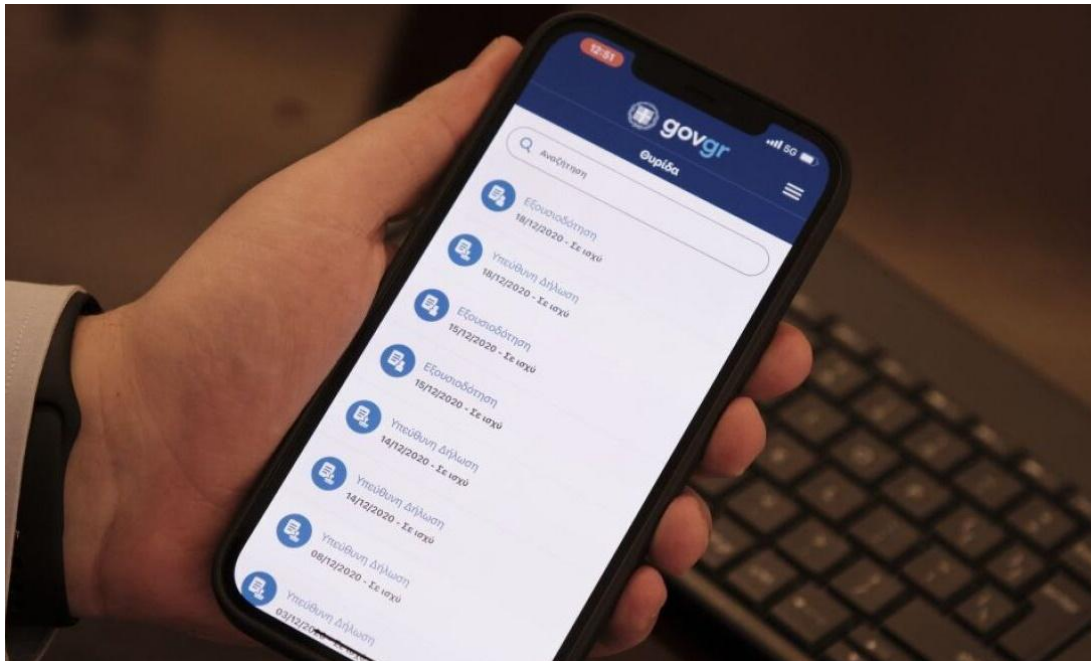


European Open Science (EOSC)

- **GRNET** contributes to European Open Science Cloud - **EOSC**; the European Open Science Cloud, a supporting environment to accelerate the transition to more effective Open Science and Open Innovation in a Digital Single Market.

Single Digital Portal @gov.gr

Direct service to citizens and businesses
in their daily transactions with the public
sector



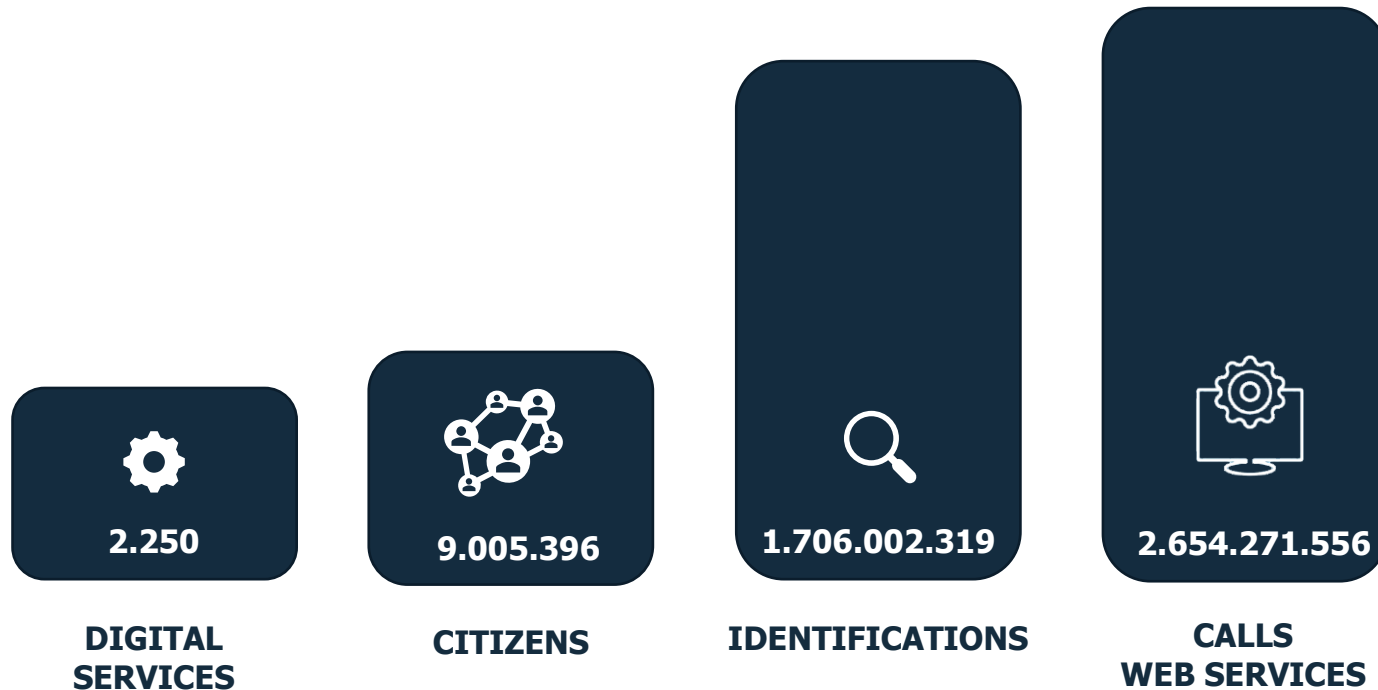
Indicative Services gov.gr

- Certificate of permanent residence
- Loss of your Greek passport
- Certificate of your family's status
- Civil marriage license
- Declaration of the naming and baptism of a minor
- Formal Declaration
- Authorization Form
- Digital Signature of Private Contracts
- Naming of Minors (registry)
- Licensed Electrician Certification
- Issuing a disability card

- Copy of telephone call to the Police Emergency services
- Copy of criminal record
- Appeal against an act of confirmation of an infringement
- Filing Financial Crime Complaints
- Copy of telephone call to the Police Emergency services
- Copy of a certificate of infringement

Single Digital Portal @gov.gr

Direct service to citizens and businesses
in their daily transactions with the public
sector



Indicative Services gov.gr

- School attendance certificate (for students)
- University admission exams: information about the results by sms
- Digital graduation diplomas for graduates of high schools, lyceums and vocational lyceums
- Application for the issuance and control of the validity of e-documents
- Copy of hellenic police daily tickets of vehicles
- Driver Behavior Control System
- Get a copy of a daily vehicle card
- Application for issuing and downloading in e-form, of temporary driving license
- "MyAuto" service provides real-time access to all vehicle details and Open Car for finding information about vehicles
- Certificate of hospitalisation at a public hospital or a private clinic
- EU Digital COVID Certificate

Apps for citizens

Gov.gr Wallet



Gov.gr Wallet is the secure digital gateway for everyday transactions with the state and businesses: **Authenticate, Store, Share, Sign.**



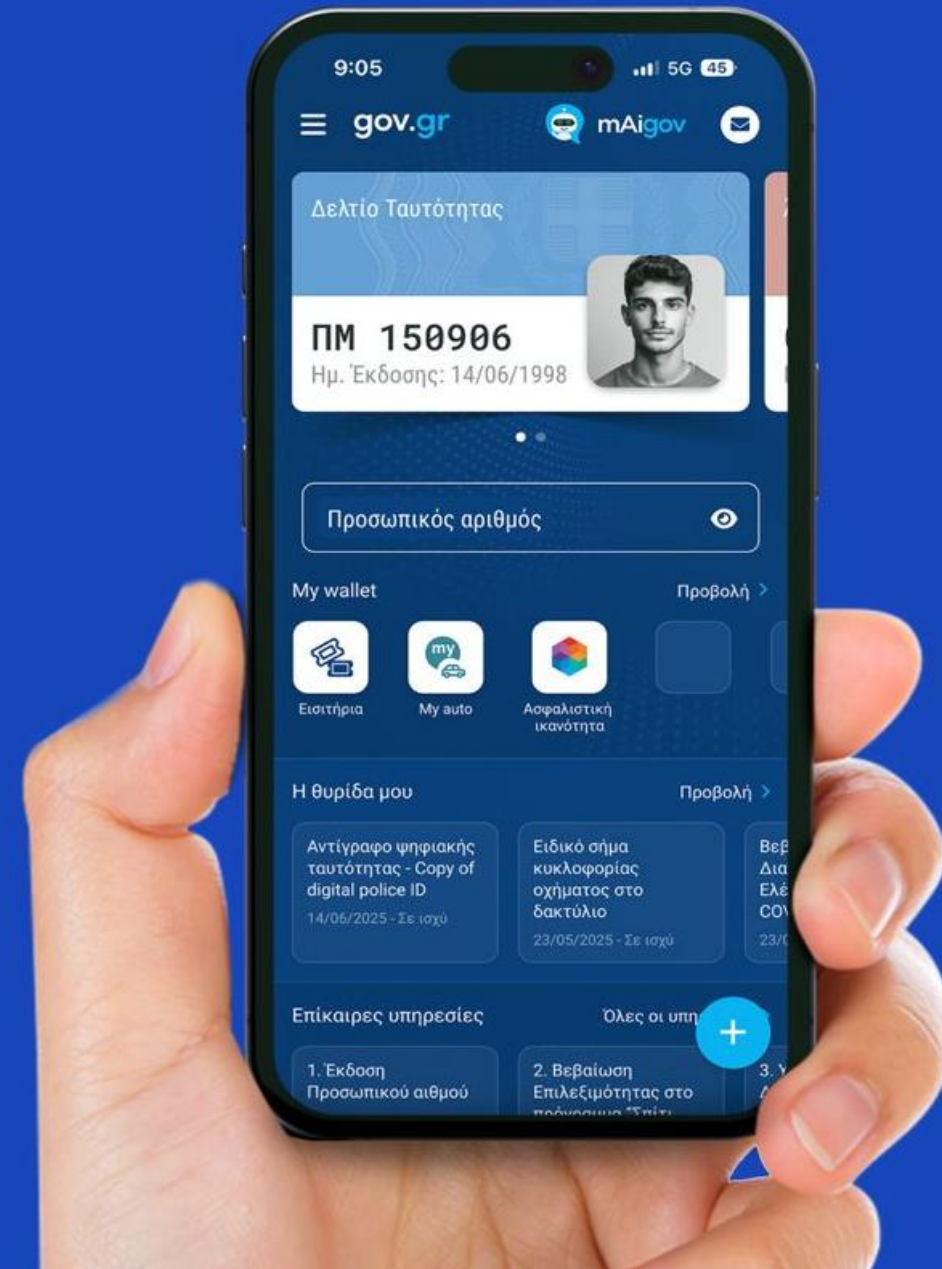
Three roles: Data Source, Publisher of Data as an interoperability center. Data Verifier & Receiver. Secure Citizen use of Gov.gr Wallet.



Gov.gr Wallet: continues to evolve as a secure and interoperable tool with a constant addition of documents: professional ID cards, passport, disability card, driving license etc.



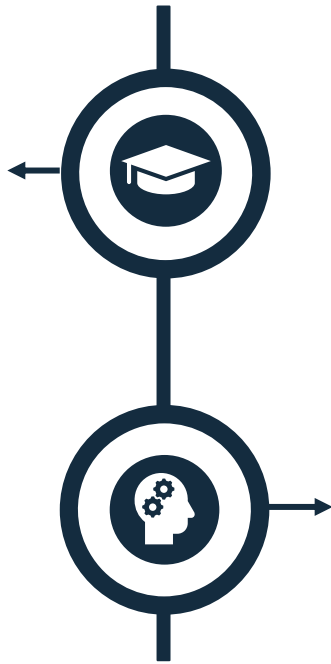
Compliance with the European Wallet in 2026. APTITUDE project aims to develop a set of specific use cases: **Digital Travel Credentials, Smart Ticketing & Check-in, Mobile Vehicle Registration Certificate, Payments with Strong Customer Authentication**, ensuring uniformity with the European Union's Digital Identity Wallet (EUDI Wallet).



Development of digital skills

GRNET is responsible for the implementation of the Digital Governance Ministry's strategy for the development of citizens' digital skills. The strategy is realized through 2 pillars:

Education and training actions
aimed at developing all levels of digital skills, through the National Academy of Digital Skills



Awareness-raising and information initiatives
aimed at providing opportunities for citizens to participate in training actions according to their needs and interests



Development of digital skills

The National Academy for Digital Skills

www.nationaldigitalacademy.gov.gr gathers

digital educational content for the development of citizens' digital skills and aims to act as the national portal for digital skills in the country.



**Εθνική Ακαδημία
Ψηφιακών Ικανοτήτων**

311 Available Lessons / 39 Providers

Courses according to the needs, interests and level of knowledge of each citizen through asynchronous education. Use of a self-evaluation tool and suggestions for personalized thematic chapters.

“Digital Citizen” Lessons

Participation in the series of lessons ‘Digital Citizen’, consisting of five courses for the development of basic digital skills. The courses developed are based on the European Digital Competence Framework (DigiComp).

Initiatives

Participation for citizens in awareness-raising, information and empowerment initiatives to cultivate digital culture and develop computational thinking.

Awareness-raising initiatives

National Academy for Digital Skills

- Elderly



3η e-λικία

Empowerment of the Elderly

www.3elikia.gr

An initiative that aims to digitally empower citizens 65+. The program was launched in the municipalities of Florina, Kavala, Athinaion, Ioannina, Korydallos.



Όλοι Digital

Digital Education and Empowerment of Elderly and People with Disabilities

www.oloidigital.gr

An initiative aimed at digitally empowering citizens aged 65+. The program is being implemented in 103 municipalities nationwide through 120 Digital Empowerment Hubs.

- People with disabilities



Όλοι Digital

Digital Education and Empowerment of Elderly and People with Disabilities

www.oloidigital.gr

An initiative aimed at digitally empowering people with disabilities. The program will be implemented through 74 fully accessible Digital Empowerment Hubs across the country, equipped with modern and assistive technologies to ensure inclusive participation.

Awareness-raising initiatives

National Academy for Digital Skills

- Women



Women in Tech

**Women in the Technology Sector:
Today and in the Future**

www.womenintechgreece.gr

An initiative that aims to raise awareness, inform and encourage women to pursue a career in the field of technology.

- Parents and children



Digital Citizenship

www.cms.nationaldigitalacademy.gov.gr/psifi-aki-politeiotita

An initiative to inform parents and children about Digital Citizenship.

The background of the image shows a person's hands typing on a laptop keyboard. The scene is overlaid with a semi-transparent blue filter and numerous digital icons, including binary code (0s and 1s), Wi-Fi symbols, speech bubbles, and various geometric shapes. The text is centered in the upper half of the image.

Advanced e-Infrastructures & Services

for Education, Research, Health & Culture

Services in Research and Education

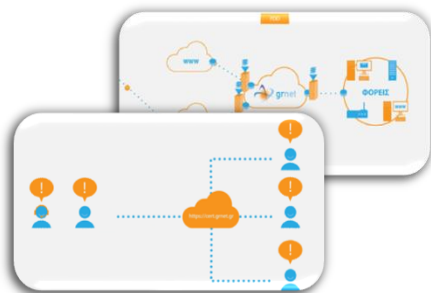
ZEUS e-Voting



ZEYΣ
POWERED BY gnet

Computing system that ensures the fair conduct of digital private polls carried out remotely.

Security Services- Firewall on Demand (FoD)



The service enables users to mitigate active attacks aimed at their network equipment
- Computer Emergency Response Team (CERT)
GRNET provides incident response and security services, process, correlate and notify end users

DELOS AAI



GRNET "Delos" Authentication and Authorization Infrastructure enables cross-institutional services by providing federated authentication and authorization among participating organizations.

DIGITAL CERTIFICATES



Extra security and authentication of people, sites and data transfers

Services in Research and Education

~okeanos
Cloud Computing

The logo for okeanos, featuring a stylized blue wave icon to the left of the word "okeanos" in a lowercase, blue, sans-serif font.

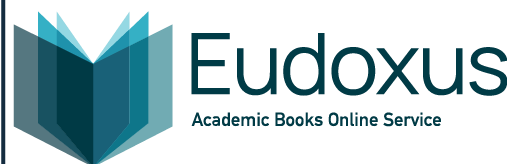
Cloud Computing
computational services.

National Academic ID

The logo for academicID, with the word "academic" in a bold, blue, lowercase sans-serif font, followed by "ID" in a larger, blue, uppercase sans-serif font with a white outline.

Service for the acquisition and
management of the national
academic ID.

Eudoxus

The logo for Eudoxus, featuring a stylized blue and teal book icon to the left of the word "Eudoxus" in a blue, sans-serif font. Below "Eudoxus" is the text "Academic Books Online Service" in a smaller, blue, sans-serif font.

Electronic book distribution
service to students.

APELLA



ΑΠΕΛΛΑ

“Apella” facilitates the election
and promotion of the faculty
members of the Greek Academic
Institutions.

Services in Research, Education and Culture

ATLAS



Centralized online service that creates a unique internship positions database.

Student Housing Allowance



System for submitting and evaluating applications for the granting of the annual student housing allowance.

e:Presence



Videoconference service for the official meetings of the Greek R&E community

DIAVLOS



Live streaming service broadcasted through the GRNET state of the art e-Infrastructure

Services and e-Infrastructures in Health



Central Electronic Management Services for the National Registry Of Voluntary Blood Donors

Managing the registry and issuing volunteer donor IDs through modern, credible and friendly procedures for blood donors, donation services and blood centers in the country.



Harmoni

High-Performance Archiving and Retrieval of Medical On-line Imaging Data.

High-Performance Archiving and Retrieval of Medical On-line Imaging Data.



eduroam

World-wide roaming access service developed for the international research and education community

eduroam allows students, researchers and staff from participating institutions to obtain Internet connectivity across campus and when visiting other participating institutions by simply opening their laptop.



DIADOSIS

Inter-loan online library

Electronic system which provides access to all research and medical publication papers via DELOS- Authentication & Authorization Infrastructure service, to all hospital staff



Central Staff Directory Service-DELOS for Hospitals

"Delos" Authentication and Authorization Infrastructure enables cross-institutional services by providing federated authentication and authorization among participating organizations.

The background is a dark blue gradient with a central wireframe globe. The globe is composed of a network of thin white lines forming a spherical grid. Surrounding the globe is a field of small, glowing blue and white particles, some of which are connected by faint lines, suggesting a data network or a digital environment.

National and European Projects

Key Digital Governance Projects



EuroCC – 2

Funding: HORIZON 2020

Duration: 01/09/2020 - 31/12/2025

The EuroHPC Joint Undertaking is a joint initiative between the EU, European countries and private partners to develop a World Class Supercomputing Ecosystem in Europe, to Build a European Network of HPC Expertise.



HPC DAEDALUS

Funding: Recovery and Resilience Facility (RRF) + Joint Undertaking/ EU

Duration: 6/2022 – 12/2029

Project includes the development of a new system through the procurement of new hardware and infrastructure. The new high-performance supercomputer called "DAEDALUS" will be installed in the [Lavrion Technological Cultural Park](#) of the National Technical University of Athens, inside the "Former Electrical Station" building, an industrial heritage monument, covering an area of 1.500sq.m.



PHAROS AI Factory

Funding: Horizon Europe: 50% EuroHPC Joint Undertaking, 50% National Funds

Duration: 1/4/2025 - 31/3/2028

The project "Pharos: The Greek AI Factory for Accelerating AI Innovation" is a groundbreaking initiative that establishes a national hub for AI research, development, and application. Designed to harness the capabilities of the upcoming Greek national supercomputer DAEDALUS, Pharos is positioned as a strategic pillar in Greece's and EU's journey towards AI democratisation, sustainability and innovation.

Key Digital Governance Projects



HellasQCI

Funding: 50% EU (Digital Europe Programme)
50% National Resources (Ministry of Digital Governance)

Duration: January 2023 - June 2026 (42 months)

The Greek Ministry of Digital Governance participates in the EuroQCI European Initiative for safe Quantum Communication Infrastructures - QCI. With the EuroQCI Initiative, the EU aims to create a pan-European network of quantum communication infrastructures.



SEEWQCI

Funding: CEF Digital

Duration: 01/01/2026 - 30/06/2029

SEEWQCI (South-East European to Western European Quantum Communication Infrastructure) is a strategic project that aims to create a cross-border quantum communications network between Greece, Bulgaria, Cyprus, and the Netherlands.

Key Digital Governance Projects

ORQUESTRA

TransEuroOGS

ORQUESTRA - Quantum technologies

Funding: European Defence Fund (EDF)

Duration: 01/12/2025 - 31/11/2028

The «ORQUESTRA - Quantum technologies» project aims to integrate post-quantum cryptography (PQC) capacity both on the field or in legacy military installations.

More specifically, the aim of the project is to develop a fully functional quantum-resistant suite for data sharing that will not only be resistant to advances in quantum computing, but also practical for seamless integration into existing legacy systems in the defense sector.

TransEuroOGS

Funding: Greek Ministry of Education, CEF Digital

Duration: 01/01/2026 - 30/06/2029

TransEuroOGS is an infrastructure project that aims to strengthen European strategic sovereignty through the ultra-secure communications technology of Quantum Key Distribution (QKD) and the integration of satellite and terrestrial links as part of the EAGLE-1 mission.

Key Digital Governance Projects



APTITUDE

Funding: Digital Europe

Duration: 01/10/2025 - 30/09/2027

The APTITUDE (Advanced Project for Trusted Identity Technologies and Unified Digital Ecosystem) project aims to develop a set of specific use cases for the European Union's Digital Identity Wallet (EUDI Wallet).



WE BUILD

Funding: Digital Europe

Duration: 01/08/2025 - 31/08/2027

The WE BUILD project aims to develop a set of specific use cases for the European Union Digital Identity Wallet (EUDI Wallet). The use cases concern payments that natural persons will be able to make using the wallet and specific uses that legal persons will be able to make through the wallet.

Key Digital Governance Projects



LLM-BRIDGE: Booster for Regional Innovation and Digital Growth in Europe

Funding: Digital Europe Programme

Duration: 01/09/2025 - 31/08/2028

The «LLM-BRIDGE» (Booster for Regional Innovation and Digital Growth in Europe) project aims to develop a Pan-European incubator in order to create an ecosystem of startup companies and support teams in the early stages of product development (Minimum Viable Products, MVPs) that will utilize Generative Artificial Intelligence and Large Language Models.



LLMs4EU (Large Language Models for the European Union)

Funding: Digital Europe Programme

Duration: 01/03/2025 - 28/02/2028

The LLMs4EU (Large Language Models for the European Union) project aims to develop and make available Large Language Models (LLMs) and related tools for all languages of the European Union.

Key Digital Governance Projects



EOSC ENTRUST

Funding: Horizon Europe Framework Programme
Duration: 01/03/2024 - 20/02/2027

The mission of EOSC-ENTRUST is to create a European network of trusted research environments for sensitive data and to drive European interoperability by joint development of a common blueprint for federated data access and analysis.



EOSC-United

Funding: Horizon Europe Framework Programme
Duration: 01/09/2025 - 31/08/2028

The EOSC-United project aims to connect and unite the European research community in the EOSC Federation, and to strengthen its establishment and development by leveraging existing technical and scientific expertise.

Specifically, the European Open Science Cloud (EOSC) aims to create a research system in Europe through the EOSC Federation that complies with the FAIR principles (Findable, Accessible, Interoperable, Reusable), enabling researchers to share and analyze data across different scientific fields and countries.



Blue-Cloud 2026

Funding: Horizon Europe Framework Programme
Duration: 01/01/2023 - 30/06/2026

Blue-Cloud project aims to provide a virtual environment with open and seamless access to services for storage, management, analysis and re-use of research data, across borders and disciplines, and the blue research communities by developing a collaborative web-based environment providing simplified access to an unprecedented wealth of multi-disciplinary datasets from observations, analytical services, and computing facilities essential for blue science.

Key Digital Governance Projects



EOSC EU NODE

Funding: Horizon Europe Framework Programme
Duration: 16/02/2024 - 27/03/2027

The EOSC EU Node project aims to create a platform that supports multidisciplinary and multinational research, promoting the use of FAIR (Findable, Accessible, Interoperable, Reusable) data and complementary services in Europe, enabling researchers to collaborate more effectively and promote progress in Open Science.



EOSC BEYOND

Funding: Horizon Europe Programme
Duration: 01/04/2024 - 31/03/2027

EOSC Beyond objective is to advance Open Science and innovation in research in the context of the European Open Science Cloud (EOSC) by providing new EOSC Core capabilities allowing scientific applications to find, compose and access multiple Open Science resources and offer them as integrated capabilities to researchers. To do so, EOSC Beyond supports a new concept of EOSC: a federated and integrated network of Nodes operated at different levels, national, regional, international and thematic, to serve the specific scientific missions of their stakeholders.



GN5-2

Funding: Horizon Europe Framework Programme
Duration: 09/09/2024 – 09/03/2027

The GN5-2 project is a complementary project to other projects being implemented (GN5-IC1), under the Framework Partnership Agreement (FPA) signed by the European Commission with the GÉANT consortium partners.

Key Digital Governance Projects



myHealth@myHands

Funding: Digital Europe
Duration: 01/04/2025 – 31/03/2029

The myHealth@myHands project aims to revolutionise digital healthcare across the European Union by 2030. The primary objective is to ensure that all EU citizens have secure online access to their medical records, thereby simplifying health management. Thus, the project empowers individuals by granting them control over their health data and allowing them to determine who can access this information, alongside receiving personalised health support.



ENVRI-Hub NEXT

Funding: Horizon Europe Framework Programme
Duration: 01/02/2024 - 31/01/2027

The ENVRI-Hub Next project aims to develop an open access data hub and to create an Environmental Research Infrastructure (ENVRI) service framework in order to connect the environmental research community with the European Open Science Cloud (EOSC).



RI-SCALE: Unlocking RI potential with Scalable AI and Data

Funding: Horizon Europe Framework Programme
Duration: 23/07/2024 - 28/02/2028

In scientific research, data and Research Infrastructures (RIs) play a key role by generating massive and increasingly complex datasets. However, the growing size, limited multidisciplinary accessibility, and need for specialised technical expertise hinder the optimal reuse and analysis of these valuable resources.

Key Digital Governance Projects



EUMaster4HPC

Funding: EuroHPC JU
Duration: 01/01/2022 – 31/12/2026

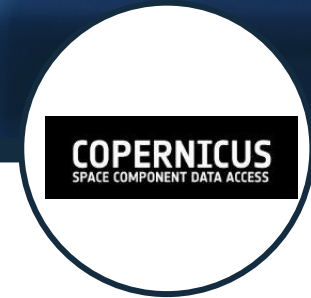
The HPC European Consortium Leading Education Activities (EUMaster4HPC) aims to develop a new and innovative Master's program for the education and training in High Performance Computing (HPC). The master programme aims at catalysing various aspects of the HPC ecosystem and its applications into different scientific and industrial domains.



Nostradamus

Funding: Digital Europe Framework Programme (DEP) και CEF
Duration: 01/01/2024 - 31/12/2027

The aim of the project "Nostradamus: Testing and evaluation infrastructure for EuroQCI" is to build an infrastructure in which tests around quantum key distribution (QKD) will be carried out for the European Quantum Communication Infrastructure (EuroQCI) initiative.



Data Hub Relay 2

Funding: European Space Agency (ESA)
Duration: 01/08/2022 – 31/07/2027

The objective of "Data Hub Relay 2" is to support the operations of a Data Hub Relay (DHR) that provides continuity for mass dissemination capabilities dedicated to well-established partners, such as the partners of the Ground Cooperation Department.

Key Digital Governance Projects



SUBMERSE

Funding: Digital Europe
Duration: 01/05/2023-30/04/2026

The SUBMERSE project is characterized as a consortium of European and global partners, supported by the European Union's Horizon Europe program, which launched in early May the "SUBMarine cabIEs for ReSearch and Exploration" (SUBMERSE) program, aiming to make available to the scientific community, civil society and industry, data from continuous observations on several submarine fiber optic cables, using a standardized technological configuration on a continental scale.



Smart Attica

Funding: Horizon/ ΓΓΕΚ
Duration: 01/01/2023 - 30/06/2026

Smart Attica European Digital Innovation Hub (EDIH) is the first EDIH for Artificial Intelligence in Greece and operates in three critical business sectors of the Greek economy:

- Energy & Environment,
- Supply chain & Mobility,
- Culture & Tourism.



ECHOES

Funding: Horizon Europe Framework Programme
Duration: 01/06/2024 - 30/04/2029

The European Cloud for Heritage Open Science (ECHOES) project aims to establish the Cultural Heritage Cloud (or European Collaborative Cloud for Cultural Heritage -ECCCH), a shared platform to provide heritage professionals and researchers with access to data, scientific resources, training, and advanced digital tools tailored to suit their needs.

Key Digital Governance Projects



EUSOME

Funding: European Union
Duration: 01/01/2025 - 31/12/2028

The EUSOME Excellence Hub is a 4-year European project that aims to revolutionize the air mobility ecosystem in the Southeast Mediterranean region by addressing specific regional challenges, such as transporting goods, surveilling complex landscapes, tackling fire risks, and monitoring traffic congestion.



CARMINE – Climate Resilient Development Pathways in Metropolitan Regions of Europe

Funding: Horizon Europe
Duration: 01/02/2024 - 31/01/2028

The aim of the CARMINE project is to help European metropolitan communities become more resilient to climate change by co-creating tools, strategies, and plans based on scientific knowledge to strengthen adaptation and mitigation actions, in line with the EU's mission on Adaptation to Climate Change.



Second Joint Action Towards the European Health Data Space (TEHDAS2)

Funding: EU4Health Programme
Duration: 01/07/2024 - 01/03/2027

The TEHDAS2 (Second Joint Action Towards the European Health Data Space) project aims to harmonize procedures and rules for the secondary use of health data (i.e., the use of data collected for the provision of care, exploited for purposes such as research, public health, and innovation) in the European Health Data Space (EHDS).

Key Digital Governance Projects



GR digiGOV innoHUB

Funding: Digital Europe Programme 2021 - 2027

Duration: 01/01/2023 - 01/01/2026

The aim of the project is to strengthen the creation of a new generation of public and local government services for citizens and businesses, by utilising advanced digital technologies (mobile Internet, 5G, HPC, IoT, Cloud) and the scientific and business potential of the cooperating bodies.



Govtech4all

Funding: 50% European Commission, 50% Ministry of Digital Governance

Duration: 01/06/2023 - 30/12/2026

GovTech4All is a European initiative designed to promote a single service ecosystem in more than 18 countries. The project brings together 14 organisations from 10 countries to innovate and improve public sector technology.

The aim of GovTech4All is to foster the development of a pan-European market and GovTech ecosystem to deliver digital public services for European citizens and beyond.



SAGE The Data Space for a Sustainable Green Europe

Funding: Digital Europe Programme

Duration: 23/09/2024 - 23/09/2027

The aim of the "SAGE: The Data Space for a Sustainable Green Europe" project is to further develop the Green Deal Data Space (GD DS), taking into account all the developments and results of the Coordination and Support Action of the Preparatory actions for the Green Deal data space, as well as the results of the Horizon Europe projects funded under the Common European Green Deal Data Space.

Key Digital Governance Projects



Greek Health Data Access Body

Funding: Public Investments Program (Ministry of Digital Governance - Ministry of Health), EU
Duration: 01/12/2023 - 30/11/2027

The primary objective of the GR-HDAB project is the establishment of a National Health Data Access Body (HDAB) and the development of the necessary national infrastructure to support and promote the secondary use of health data, as well as the secure interconnection with the corresponding European centralised cross-border infrastructure HealthData@EU.

Upgrade of the software and cloud computing service

Upgrade of the software and cloud computing service offered to members of the research and academic community – Cloud

Funding: Recovery and Resilience Facility (RRF) – NextGenerationEU
Duration: 01/08/2022 - 30/6/2026

The Project "Upgrade of the software and cloud computing service offered to members of the research and academic community " involves the expansion of GRNET's existing cloud computing infrastructure and services in order to offer advanced services to the members of the organisations it serves.

NATIONAL PROJECTS



Thessaly Evros Pass

Funding: Public Investment Programme (PIP)

Duration: 02/05/2024 - 31/12/2026

The main objective of the project is the financial support of tourism activity in municipalities and municipal units of the Region of Thessaly affected by the adverse effects of the flooding phenomena of September 2023 and in municipalities and municipal units of the Regional Unit of Evros of the Region of Eastern Macedonia and Thrace, affected by the adverse consequences of the fires of summer 2023, following a similar scheme of the previous year and following the model of the EviaSamos Pass 2022, North Evia Pass 2023 intangible debit cards.



DIKTYNNA

Funding: "Transport Infrastructure, Environment and Sustainable Development" Operational Programme

Duration: 02/09/2019 - 31/12/2029

The DIKTYNNA project aims to upgrade the energy footprint of the daily operation of the University of Crete's infrastructure and the area under its responsibility, and the production of energy with photovoltaics and for the building complex of the White buildings in the Knossos premises where the National Health Data Centre of GRNET is installed.



White Areas

Funding: National Public Investment Programme (NPIP)

Duration: 10/03/2021 - 31/12/2028

The project "White Areas" undertakes to provide full television coverage of the Greek national free-to-air television stations across the Greek Territory. It focuses on ensuring free access to the domestic television product, by covering 3.8% of the population that remains excluded and is not covered by other actions.

NATIONAL PROJECTS



Development of the National Digital Academy Application Ecosystem

Funding: ERDF (Digital Transformation Programme 2021 - 2027)

Duration: 15/12/2023 - 31/05/2026

The "Development of the National Digital Academy Application Ecosystem" project aims at the implementation and operation of a digital ecosystem that will constitute the central infrastructure of the Public Sector and offer structured, effective and systematic planning and implementation of programs in order to enhance digital competences of citizens.



Ntantades tis geitonias

Funding: NSRF 14-20, "Human Resources Development, Education and Lifelong Learning" OP / «Human Resources and Social Cohesion» OP 2021-2027

Duration: 1/2/2022 - 16/11/2028

The "Ntantades tis geitonias" programme is part of the framework of actions to reconcile family and professional life, which is one of the key objectives of the European Equality Strategy for the coming years.



Fiber Optic Infrastructure Lease – Indefeasible Right of Use (IRU)

Funding: Recovery and Resilience Fund, Next Generation EU

Duration: 17/05/2021- 30/6/2026

The Project "Granting GRNET for the purpose of leasing fiber optic infrastructure" includes a new lease and the upgrade of the existing network infrastructure so that the entities connected to GRNET network, namely all the academic and research institutions of the country, the pan-Hellenic school network, a significant number of public hospitals of the country, as well as other public bodies involved in research and education, will continue to be provided with relevant services.

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