

Members and Observers

Spanish and Portuguese institutions members and observers of the EOSC-A

10/10/2022



1. Mandated Organizations
2. Member Organizations
3. Observer Organizations



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Mandated Members

- **Type of institution and main aim**
 - State Agency for scientific research and technological development. CSIC is the main agent responsible for implementing the Spanish System for Science, Technology and Innovation.
- **Delegates and Contact Points**
 - Álvaro López García (alvaro.lopez@csic.es)
 - Isabel Díaz
 - <http://www.csic.es/>
- **Participation in EOSC-related activities**
 - EOSC Association mandated member.
 - Coordination and participation in H2020, HE EOSC-related projects: ESCAPE, EOSC-Hub, EOSC-Future, EGI-ACE, EOSC-Synergy (INFRAEOSC-05), AI4EOSC, EUCAIM.
 - Task force and advisory groups participation.
- **Interest on EOSC**
 - Foster FAIR data, open science, open innovation and digital transformation of science and research, in alignment with Digital Science thematic platform.
 - Provision of relevant assets (resources, data, repositories, services) for science and research through the EOSC.



- Role as Mandated Organization

- Representation of the interests of the Spanish Institutional Science and Technology system in the EOSC Association.
- Coordinate and foster collaboration across EOSC-A Spanish members.

- Organization and Activities at Country Level

- Periodic coordination meetings with EOSC-A Spanish members (EOSC-A activities updates, strategy, etc.), the EOSC-A and Spanish Ministry of Science and Innovation.
- Strategy and coordination across EOSC-A members.
- Elaboration of materials and events for EOSC awareness.



- **Type of institution and main aim**
 - Portuguese public agency that supports science, technology and innovation, in all scientific domains.
- **Delegates and Contact Points**
 - João Nuno Ferreira
 - João Mendes Moreira
 - João Cardoso

Contact - eosc@fccn.pt

URL - www.fct.pt

www.fccn.pt

- **Participation in EOSC-related activities**

- EOSC Association mandated member.
- EOSC Steering Board and EOSC-A
- EOSC-Synergy (INFRAEOSC-05)
- FAIR data adoption - Polen Project
- PID policy - PTCRIS
- Metrics and certification
- Promoting interoperability

- **Interest on EOSC**

- Enable open science, open innovation and digital transformation of science.
- Contribute to the access and reuse of publicly funded research data in Europe, through the federation of Portuguese Research Infrastructures



- **Role as Mandated Organization**
 - Focus on representation tasks
 - Representation of the interests of the Portuguese Republic in EOSC-A, aligned with the other partners
- **Organization and Activities at Country Level**
 - FCT as a National Contact Point:
 - o Information from EOSC-A and the European Commission aggregated to serve the national community
 - The role of FCT in implementing EOSC:
 - o Coordination of national infrastructures and network resources
 - o Establishing connections with EOSC relevant competence centers
 - o Supporting activity execution
 - Information sharing:
 - o National community info-shares



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Member organizations

- **Type of institution and main aim**
 - Public university, funded in 1290 and UNESCO World Heritage Site since 2013.
 - More than 25.000 student (20% of which coming from more than 100 countries), 2000 researchers and 1340 administrative staff.
 - Has 38 research centers and 3 campi.
 - Is a 5 STARS institution - QS World University Rankings, the most Sustainable Portuguese University and 26th in the World (THE Impact rankings 2022).
- **Delegates and Contact Points**
 - Delfim Leão (Vice-Rector for Culture and Open Science)
 - Jorge Noro (III - UC)
 - Lorena Caliman (UC Open Science)
 - <https://www.uc.pt>

- **Participation in EOSC-related activities**
 - EOSC-A Task Force on Research careers, recognition, and credit
 - Core Member of the ESFRI - OPERAS consortium
 - Development of the GoTriple platform, the European hub for Social Sciences and Humanities

Interest on EOSC

- Enable an operational, open and FAIR EOSC ecosystem
- Upgrade of the existing research infrastructures (namely databases, repositories, publishing platforms) that may be federated through EOSC.



- Type of institution and main aim

Spain's national supercomputing facility since 2005

Its mission is to research, develop and manage information technologies in order to facilitate scientific progress.

The centre currently has a staff of over 700 from 41 countries

it houses MareNostrum, whose fifth edition will be a EuroHPC pre-Exascale computer.

- Delegates and Contact Points

- [Nadia Tonello](mailto:nadia.tonello@bsc.es) (nadia.tonello@bsc.es)
- Sergi Girona
- Carlo Lacagnina
- Salvador Capella

www.bsc.es

- Participation in EOSC-related activities

- EOSC-pilot, EOSC-hub, EUDAT CDI, EOSC Life
- EOSC-synergy, EOSC Future, DICE, EOSC4Cancer
- EOSC Task Forces

- Interest on EOSC

- Promotion of the cooperation between multidisciplinary groups
- Coordination of national and regional initiatives collaborating to construct the EOSC.
- Definition of a comprehensive data quality framework in research



- Public research center since 1987 dedicated to Mediterranean ecosystems
 - 150 scientists and experts grouped in four research areas: biodiversity, global change, ecology and earth observation.
 - 70 research projects funded by governments, international and national research programs, private companies and foundations.
- Delegates and Contact Points
 - Joan Masó (Joan.Maso@uab.cat)
 - Kaori Otsu (k.otsu@creaf.uab.cat)
 - <https://www.creaf.cat/>
- Participation in EOSC-related activities
 - EU funded projects (EOSC-Focus, COS4CLOUD)
 - Participation in Task Force Technical Interoperability of Data and Services
 - Resource onboarded in the EOSC Marketplace
 - [NiMMBus: Geospatial User Feedback](#)
- Interest on EOSC
 - Positioning on the provision of services in alignment with Open and FAIR principles
 - Contribution to technical interoperability standards



- Public research organisation inside Ministry of Science and Innovation focusing on energy and environment and related technologies.
 - Activity structured around projects bridging R&D&I and social interest goals.
 - With over 1300 staff, it is diversified technologically and geographically.
 - Host of three Unique RIs (ICTS): LNF, PSA and two nodes of RES.
 - With IFAE, it operates PIC, a centre specialized in data-intensive scientific research.
- Delegates and Contact Points
 - Gonzalo Merino (merino@pic.es)
 - Jose Maria Hernandez Calama
www.ciemat.es
www.pic.es
- Participation in EOSC-related activities
 - ESCAPE, ARCHIVER, EOSC-SYNERGY, LAGO
 - Participation in Task Force Technical Interoperability of Data and Services
- Interest on EOSC
 - Building common cyberinfrastructure for supporting and accelerating data analysis in scientific experiments from different disciplines.



- Type of institution and main aim

- Research Infrastructure holding different facilities
 - ALBA Synchrotron
 - 14 beamlines (4 under construction)
 - JEMCA (Electron Microscopy Center)
 - 3 main instruments
- +2200 users/year
- +300 papers/year

- Delegates and Contact Points

- [Oscar Matilla \(omatilla@cells.es\)](mailto:omatilla@cells.es)
- Nicolas Soler
- www.albasynchrotron.es/

- Participation in EOSC-related activities

- PaNOSC, ExPANDS, PaNdata

- Interest on EOSC

- Fulfilment of our mission of maximizing knowledge extraction from the data generated in our experiments.
- Aligned with our Data Strategy for providing increased data services to the scientific community.
- Interested in contributing to interoperability of scientific software, data catalogue ontology development and remote data analysis services on HPC clusters.



- Type of institution and main aim

- European Research Infrastructure Consortium (ERIC)
- Aim: to advance biodiversity research and to provide major contributions in addressing the big environmental challenges, such as the impact of Climate Change on Earth Biodiversity and Ecosystem Functioning. This mission is achieved by providing access to a multitude of data sets, services and tools enabling the construction and operation of Virtual Research Environments (VRE) which provide the environments for integrating data, software and computation as developed in pan-European infrastructure cooperation, by making use of "state-of-art" ICT (Big Data, Deep Learning & AI, Blockchain, among others).

- Delegates and Contact Points

- [Christos Arvanitidis](#)
- [Juan Miguel González-Aranda](#)
- [Antonio José Sáenz-Albanés](#)
- www.lifewatch.eu
- @LifeWatchERIC

- Participation in EOSC-related activities

- EOSC-Future
- ENVRI-Fair
- EOSC-Hub
- EOSC-Synergy
- ERIC-Forum

- Interest on EOSC

- LifeWatch ERIC is the official e-Science European (Union) R+D+i distributed e-Infrastructure for Biodiversity and ecosystem sustainable management.



- Type of institution and main aim

- Government agency in charge of digital transformation (in public service and in SMEs, mainly using european funds).
- It also manages the “.es” Registry, and the Spanish National Research and Education Network, RedIRIS.
- Red.es as a whole has approx. 180 employees. Its last budget (2022) exceeded 900 million euros.

- Delegates and Contact Points

- Dr. Alberto Pérez Gómez (director of RedIRIS and Dominios.es) - alberto.perez@red.es
- Antonio Fuentes (Coordinator of IT Systems and Security at RedIRIS) - antonio.fuentes@rediris.es
- Esther Robles (Deputy Director for Communication Networks at RedIRIS) - esther.robles@rediris.es
- <https://www.red.es> & <https://www.rediris.es>

- Participation in EOSC-related activities

- Red.es, through its Department RedIRIS, is participating at the Spanish E-Science Network (Order CIN/658/2020)
- RedIRIS is a member of GÉANT, the European association of National Research and Education Networks, which is one of the Founding Members of EOSC-A. GÉANT is active in many groups within the Association
- RedIRIS is represented at the EOSC-A Task Force on Financial Sustainability
- RedIRIS provides IT services to its members (research and education centers) which are relevant for EOSC purposes (e.g., advanced connectivity, cybersecurity, digital identity, access to cloud services through OCRE)

- Interest on EOSC

- Relevant activity for NRENs and for their users (one of the four pillars of RedIRIS strategy).



- **Type of institution and main aim**
 - Public foundation depending on the Ministry for Science and Innovation.
 - FECYT is an implementation actor for Open Science public policies. It is also is a (very small) funder.
- **Delegates and Contact Points**
 - Delegate: Pilar Rico-Castro (pilar.rico@fecyt.es)
 - Alternate: Borja Izquierdo (borja.izquierdo@fecyt.es)
 - Other contacts: Cristina Gonzalez (cristina.gonzalez@fecyt.es)
 - WEB URL: <https://fecyt.es/>
- **Participation in EOSC-related activities**
 - EOSC Association member
 - EOSC Future (LTP)
 - OpenAIRE members
 - National Expert in the HE Research Infrastructures Programme Committee
- **Interest on EOSC**
 - Represent the interests of the open access repositories' community in the EOSC building process.



- **Type of institution and main aim**
 - FIBHULP manages IdiPAZ as the venue for the research activities of the La Paz University Hospital staff, and other affiliated groups.
 - Among our main aims is to bridge clinical and basic research through the practice of Open Science.
- **Delegates and Contact Points**
 - Delegate: Ana COLOMA ZAPATERO
 - Alternate: José Luis NARRO VILLANUEVA
 - Operational Contact: **Santi RELLO VARONA**
 - international.projects@idipaz.es
 - <https://www.idipaz.es/DefaultEN.aspx>

- **Participation in EOSC-related activities**
 - IdiPAZ is not currently participating in any EOSC-related activities.
- **Interest on EOSC**
 - To raise awareness and improve our OS activities and commitments.
 - To promote culture change among clinical staff.
 - To take advantage of our large and diverse set of clinical data.
 - To bridge between OS and the European Health Data Space.
 - To access to training and participate in EOSC projects.



- Type of institution and main aim

- Established in 1993, provides computing, high performance communications systems, and advanced services to the Galician Universities and Scientific Community, and the National Scientific Research Council (CSIC)
- Contribute to the advancement of Science and Technical Knowledge, by means of research and application of high performance computing and communications, as well as other information technologies, in collaboration with other institutions, for the profit of society

- Delegates and Contact Points

- [Carlos Fernández \(carlosf@cesga.es\)](mailto:carlosf@cesga.es)
- Ignacio López
- Andrés Gómez

- Participation in EOSC-related activities

- EOSC-hub, EGI-ACE, EOSC-Synergy, EOSC-Future

- Interest on EOSC

- Detect new requirements and technologies to improve services to our community of users
- Enlarge our community of users at the european level
- Collaborate and participate in projects in collaboration with our users.



- Type of institution and main aim

- Established in 2015 and constituted in 2022, MIK is a multidisciplinary law firm.
- Our focus is **legal** (human rights, intellectual property rights, data protection, etc.), **public policy** and **teaching and learning** (didactics/pedagogy), with a special focus on Research Integrity.
- We want to contribute to the Open Science development from a legal perspective, to finally offer “unhindered access to scientific articles, access to data from public research, and collaborative research enabled by ICT tools and incentives” (OECD, 2022).

- Delegates and Contact Points

- [Katharina Miller \(miller@miller.international\)](mailto:miller@miller.international)
- Julia Priess-Buchheit
- Jackie Jones
- Website: <https://miller.international/>



- Participation in EOSC-related activities

- EOSC Association member.
- EOSC Task force UPSKILLING.

- Interest on EOSC

- to make the scientific process more transparent, inclusive and democratic.
- to collaborate on supporting EOSC members in complying with specific legal and policy issues.
- to collaborate on teaching and learning Research Integrity within EOSC.
- to do public policy (according to UNESCO “(Open Science) is increasingly recognized as a critical accelerator for the achievement of the United Nations Sustainable Development Goals and a true game changer in bridging the science, technology and innovation gaps and fulfilling the human right to science”) - first action: <https://zenodo.org/record/7134646#.YzqEs0xBy5c>





- **Type of institution and main aim**
 - Higher education and research performing organisation
 - 34.000 students (undergraduate + master), 2000 PhD students
 - 200 PhD theses defended per year
 - 202 research groups
- **Delegates and Contact Points**
 - Oscar Corcho (UPM, lead of the Open Science community)
 - Esteban González Guardia (technical support for the Open Science community)
 - <https://www.upm.es/>
- **Participation in EOSC-related activities**
 - EOSC-A task force on Semantic Interoperability (lead)
 - EOSC-A task force on research software
 - Participation in FAIR-IMPACT (research software, ontologies, and semantic interoperability)
- **Interest on EOSC**
 - Provision of methodological and technological support around FAIR data management and semantic interoperability
 - Adoption of Open Science practices inside UPM



- **Type of institution and main aim**

- Public university with about 20.000 students, 1900 researchers and 800 administrative staff.
- It has six research centers.
- Ranked among the top 600 universities in the world (ARWU), and among the top 200 universities in telecommunications (ARWU)
- Third in the national transparency ranking (Dyntra ranking)..

- **Delegates and Contact Points**

- Belén Rubio Armesto
- Ana María Bernabéu Tello
- [Jose J. Pazos Arias](#)
- <https://www.uvigo.gal>

- **Participation in EOSC-related activities**

- EOSC-A task force on Semantic Interoperability.
- Institutional repository of research results (Investigo).

- **Interest on EOSC**

- Technological support for the implementation of Open Science at UVIGO.
- Adoption of Open Science practices inside UVIGO.
- To be able to become an important supplier and consumer of scientific data.





- **Public young polytechnic university (founded in 1968) dedicated to research and teaching,**
 - Its community comprises around 34000 students, 3600 lecturers and researchers.
 - The Times Higher Education places the UPV among the 100 best European universities in teaching..
- **Delegates and Contact Points**
 - Josep Bernabeu (UPV-ITI)
 - Ignacio Blanquer (UPV-I3M)
 - José María Sempere (UPV-VRAIN)
 - www.upv.es
- **Participation in EOSC-related activities**
 - Through its institutional academic and research repository.
 - Through major EU funded projects (EOSC-hub, EOSC-SYNERGY, AI4EOSC, EUCAIM)
- **Interest on EOSC**
 - Positioning on the provision of services for Open data-intensive applications.
 - Alignment of activities in the area of IA and cloud services.
 - As a major scientific data provider and consumer.



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Observer organizations

Basque Center For Applied Mathematics (BCAM)

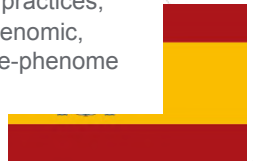


- Type of institution and main aim
 - BCAM is the research center on applied mathematics, by performing interdisciplinary research in the frontiers of mathematics, talented scientists' training and attraction, so the excellence of our results are recognized by the Society.
 - The scientific program is structured in five research areas covering various fields of Applied Mathematics: Computational Mathematics, Mathematical Modelling with Multidisciplinary Applications, Mathematical Physics, Analysis of Partial Differential Equations and Data Science.
- Delegates and Contact Points
 - Miguel Benítez
- Interest on EOSC
 - Collaboration to improve and align on Open Science practices, especially in relation to FAIR Data management related to AI, applied maths and machine learning techniques.

Center for genomic regulation (CRG)



- Type of institution and main aim
 - The Centre for Genomic Regulation (CRG) is an international biomedical research institute of excellence, receiving public funding. It partners with Pompeu Fabra University.
 - The mission of the CRG is to discover and advance knowledge for the benefit of public health. The focus areas of the CRG scientists are Bioinformatics and Genomics, Stem cells, Developmental and System biology .
- Delegates and Contact Points
 - Jordi Rambla
- Interest on EOSC
 - Collaboration to improve and align on Open Science practices, especially in relation to FAIR Data management of genomic, phenotypic and clinical data at the European Genome-phenome Archive, co-hosted by the CRG.





- **Type of institution and main aim**
 - Not-for-profit association
- **Delegates and Contact Points**
 - Víctor Jiménez (CRUE)
 - Andrés Prado (CRUE OpenScience, UCLM)
 - Lluís Alfons Ariño (CRUE OpenScience, URV)
- **Interest on EOSC**
 - Represent the interests and position of the Spanish university system
 - Coordinate actions of common interest in university policy issues and promote activities
 - Alignment with other EU initiatives

- **Type of institution and main aim**
 - The CSUC must identify, design and execute shared projects in a collaborative way to allow the Catalan universities increase their efficiency by exploiting economies of scale and synergies.
- **Delegates and Contact Points**
 - Lluís Anglada
- **Interest on EOSC**
 - To collaborate with the EOSC on setting up and improving Catalan infrastructures according to the EOSC standards and best practices



Universidad de Granada (UGR)



- **Type of institution and main aim**
 - Higher education and research organisation
 - 57.225 students
 - 3924 lecturers and researchers
- **Delegates and Contact Points**
 - M^a Ángeles García Gil
- **Interest on EOSC**
 - Collaboration to promote OS initiatives
 - Access to resources and tools to boost OS



Fundación Centro Supercomputación de Castilla y León (SCAYLE)



- **Type of institution and main aim**
 - Non-profit foundation
- **Delegates and Contact Points**
 - Vicente Matellán Olivera
 - José Manuel Martínez García
 - Jesús Lorenzana Campillo
- **Interest on EOSC**
 - Positioning OpenCAYLE service in alignment with Open and FAIR principles
 - Access to training and EOSC projects.



- **Type of institution and main aim**
 - FISEVI: promotion and management of clinical research in Andalusian hospitals
 - IBiS: multidisciplinary biomedical research institute focused on translational research in the most prevalent diseases, being FISEVI the managing institution
- **Delegates and Contact Points**
 - Alicia Utrilla
 - Sophie Monteau
- **Interest on EOSC**
 - Adoption of OS practices & standards, access to resources & tools to boost research outputs



- **Type of institution and main aim**
 - Public company (Government of Navarra)
 - Technological infrastructures and services on different areas (IT, Telecommunications, Personalized Medicine among others)
- **Delegates and Contact Points**
 - Ernesto Ruiz de Galarreta
 - Maitena Gallastegi
- **Interest on EOSC**
 - Coordinate and contribute to the adoption of practices and standards related to Opens Science in Navarra.
 - Detect new requirements and technologies to improve our services



- **Type of institution and main aim**
 - Private company.
 - Open source business & innovation model.
- **Delegates and Contact Points**
 - [Dr Alberto P. Martí](#)
 - innovation@opennebula.io
- **Interest on EOSC**
 - Integration with the European open source Cloud & Edge Computing platform OpenNebula.
 - Chairs of the Cloud/Edge WG (European Alliance for Industrial Data, Edge & Cloud).
 - SovereignEdge.EU coordinators + Leaders of the Horizon Europe project COGNIT (2023-2025).



- **Type of institution and main aim**
 - Public HEI: 32.000 students and 2.703 lecturers and researchers.
 - Strong international research network, with 125+ ongoing EC and international projects.
- **Delegates and Contact Points**
 - [Jose-Norberto Mazón](#)
 - jnamazon@ua.es
- **Interest on EOSC**
 - Promoting the publication and consumption of scientific open data practices and services)
 - Collaborate in the development of open data management initiatives



- **Type of institution and main aim**
 - Higher education and research organisation
 - 10,000 students (undergraduate + master)
 - 1,200 lecturers and researchers
- **Delegates and Contact Points**
 - Lidia Sánchez-Ruiz
- **Interest on EOSC**
 - Collaboration to promote OS initiatives
 - Access to resources and tools to boost OS



- **Type of institution and main aim**
 - Higher education and research organisation
 - 17,500 students (undergraduate + master)
 - 1697 lectures and researchers
 - With presence in all rankings of recognized international prestige
- **Delegates and Contact Points**
 - Antonio González Molina
- **Interest on EOSC**
 - Technological and methodological support for the Implementation of Open Science to raise awareness and improve our activities and commitments
 - Definition of a Data quality framework in research and related metrics
 - CRIS



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