

CSG Dossier



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Letter from the CSG President

Dear #CSGCommunity,

It is an honor to address you as President of the Cluster Saúde de Galicia, CSG. In 2024, we have worked with great dedication to strengthen the competitiveness of the healthcare and social care industries in Galicia and **to establish our region as a key benchmark in the health sector**. Throughout the year, we have driven transformative projects that tackle strategic areas such as **health technology, longevity, biotechnology and the circular economy**, aiming to provide solutions that not only address sector challenges but also enhance the well-being and quality of life of society as a whole.

Our integrative strategy has been based on clinical excellence, advanced research and digitalization, with a clear vision of **approaching health from a cross-cutting perspective**. This approach has enabled us to generate innovative solutions with a positive impact across various sectors, always with a strong commitment to improving people's lives. **Collaboration has been a fundamental pillar in all our initiatives**, allowing us to strengthen partnerships both nationally and internationally, positioning Galicia as a key player in the global health landscape.

This year, we have also focused on advancing our vision of integrative health, where sustainability and physical activity play a crucial role in long-term well-being. Additionally, we have worked closely with public and private institutions to adapt policies and services that address the real needs of our society. This approach has created valuable opportunities to attract strategic investments and support innovative projects that reinforce Galicia's healthcare ecosystem.

At CSG, we reaffirm our commitment to the **transformation of the sector and to sustainable growth that continues to drive innovation in health**. We are confident that, through joint efforts and collaboration, we will keep building a prosperous future and strengthening Galicia's position as an international leader in health and well-being. Thank you all for being part of this journey!



President
Rocío Mosquera Álvarez

THIS IS WHO WE ARE

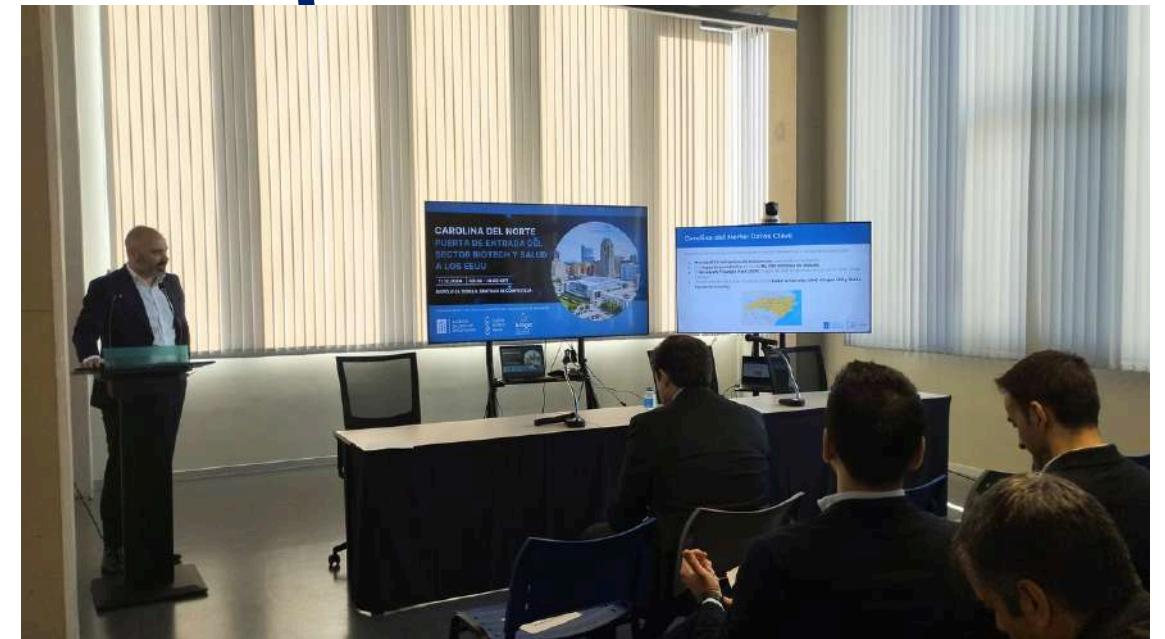


About CSG

The Cluster Saúde de Galicia, CSG is a strategic association that brings together companies, institutions and organizations from the healthcare sector, acting as a key driver for the industry's development in Galicia. Our mission is **to establish Galicia as a global benchmark in health**, positioning our region as a hub of innovation, sustainability and progress in the healthcare field.

At CSG, we work to drive **innovation, competitiveness and sustainable development within the health sector**, fostering collaboration between public and private stakeholders. We promote initiatives and projects in strategic areas such as **health technology solutions, longevity, biomedicine and the circular economy**, fields that not only generate economic and social impact in Galicia but also help address global challenges.

Through this vision, the cluster establishes itself as a leading platform that connects talent, resources and opportunities, fostering a healthcare ecosystem capable of **transforming our society and extending its impact beyond our borders**.



Strategic Pillars

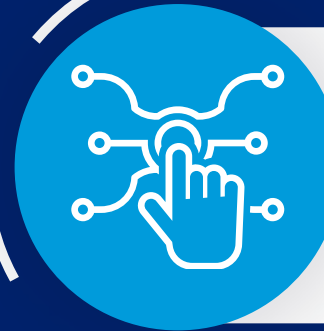
We promote well-being and independence throughout life by developing innovative solutions in preventive health, personalized care and adaptive environments that enable a fulfilling and active life.

Longevity



We drive the digitalization of healthcare through AI, big data and telemedicine, enhancing patient care and system efficiency.

Technological Solutions



Biomedicine



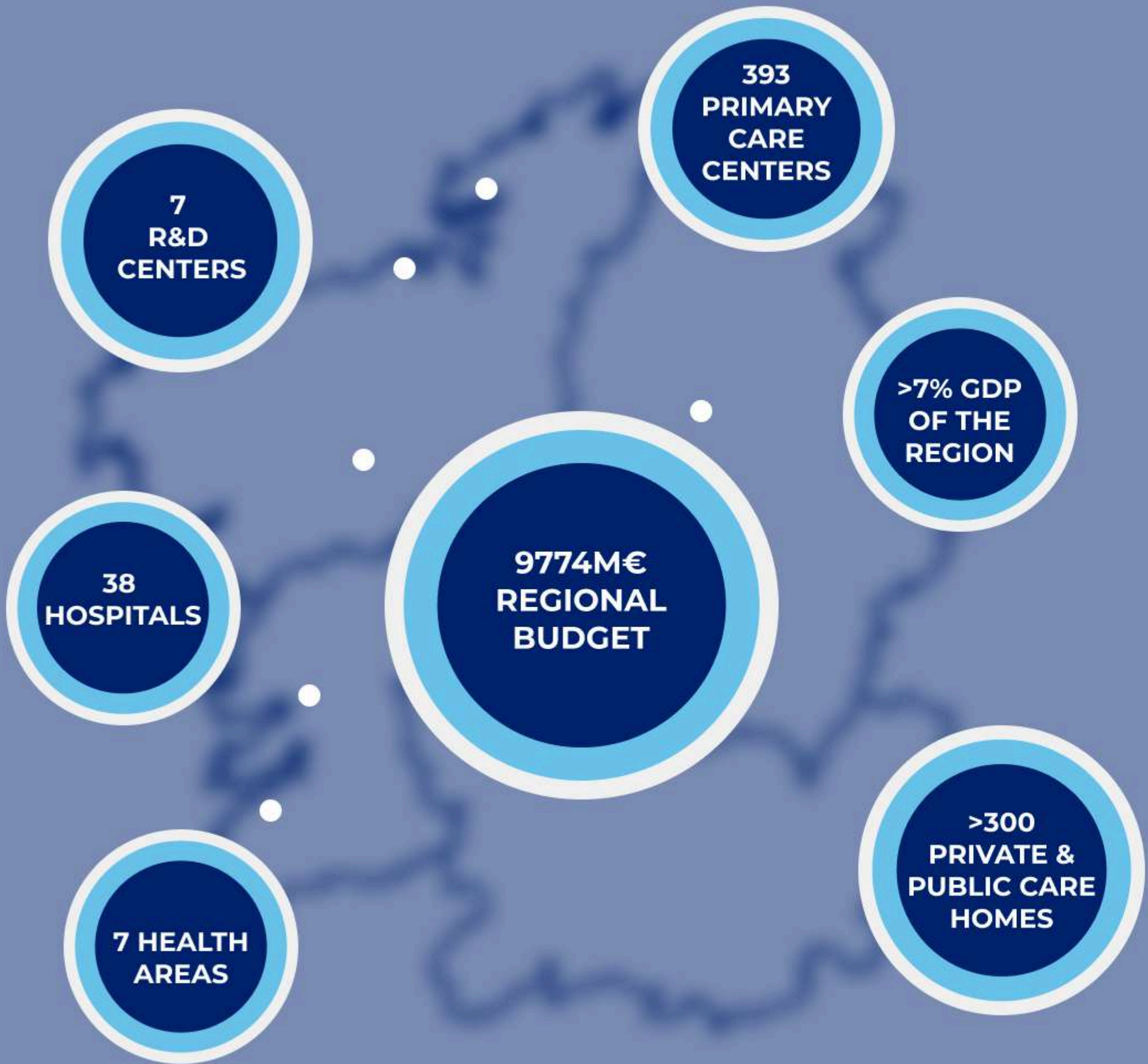
We enhance research in advanced therapies, biomarkers and innovative drugs, focusing on personalized solutions and emerging technologies to improve health and extend life.

Circular Health



We apply circular economy principles in healthcare to optimize resources, reduce waste and minimize environmental impact, promoting a more sustainable and efficient system.


Galician Health Ecosystem



- Aging Population (24.93% aged 65+)
- Significant population dispersion across the territory
- Over €200 million will be invested in Digital Transformation

Organizational Chart

We have **updated the CSG organizational chart** to align with our strategic pillars, establishing a more efficient operational structure that works in coordination with management and the administration and communication areas.



Here is the new
organizational chart
and the CSG team!

General Assembly

|

Board of Directors



President

Rocío Mosquera Álvarez



Vice President

Luis Barros Ríos



Treasurer

Pilar Basanta



Secretary

Juan Carlos Rodríguez



Member

José Manuel Chao
Ardao



Member

José Ángel Abeal
Riveiros



Member

Luis Pérez-Freire



Member

Patricia Rey Pérez



Member

Ricardo Fra Otero



CSG's Team



Management

Iván Rarís Filgueira



Administration

Belén Táboas Pometti



Communication

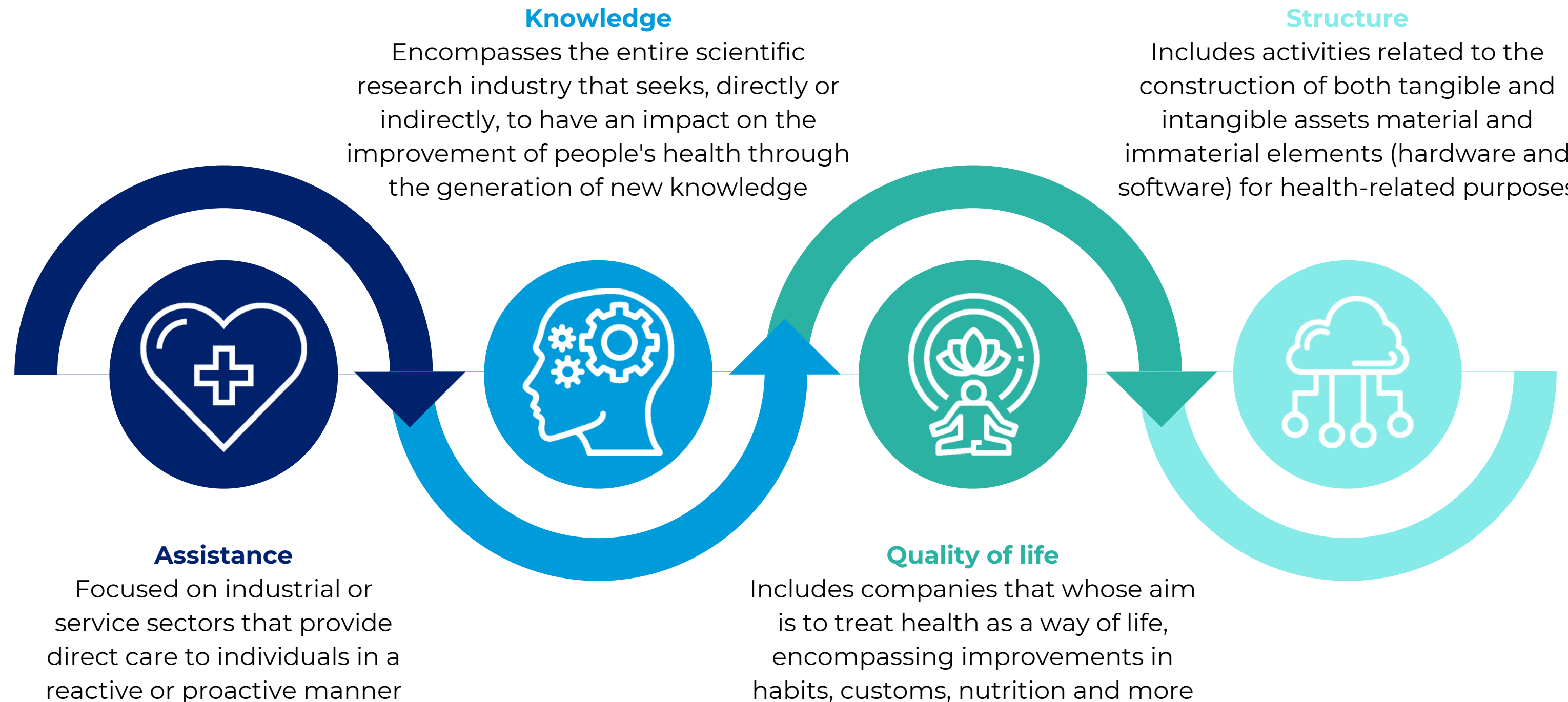
Lorena Iglesias Andrade

OUR
#CSG_COMMUNITY



Our value chains

The CSG is a cross-cutting actor in numerous business sectors. **Our value chains must reflect the capacity and potential of all the industries they encompass.** Therefore, we have redefined these chains to be clearly structured as follows:



#CSG_Community: Members

activiza!

ADDITUM
CREANDO VALOR EN SALUD

afaga
Alzheimer

ALCAD

amshealth
CLINICAL LAB

ARJUNA
THERAPEUTICS

AMICOS
.ORG

ATEGAL
Formación permanente e ocio
para persoas adultas

atendo
centrados en las personas

AXENCIA DE DOAZÓN
DE ÓRGANOS
E SANGUE



AXENCIA GALEGA
DE COÑECEMENTO
EN SAÚDE

bahia
software

BALIDEA

BALLESOL
★★★★★

BIG
Formación

BIOREPOS

ZEISS

centro médico
EL CARMEN



cof̃c
Colegio Oficial de Farmacéuticos
de la Provincia de A Coruña

CONGALSA

Coquus®

Cruz Vermella

CYMEL

DINAMIZA

dismark

Domus
Cuidamos personas en buena compañía

DXC
TECHNOLOGY

FAGAL
FEDERACIÓN ALZHEIMER GALICIA

ALZHEIMER
GALICIA

DOWN
Galicia
Federación
Síndrome
de Down

#CSG_Community: Members



Energy Solutions



GALARIA EMPRESA PÚBLICA DE SERVICIOS SANITARIOS



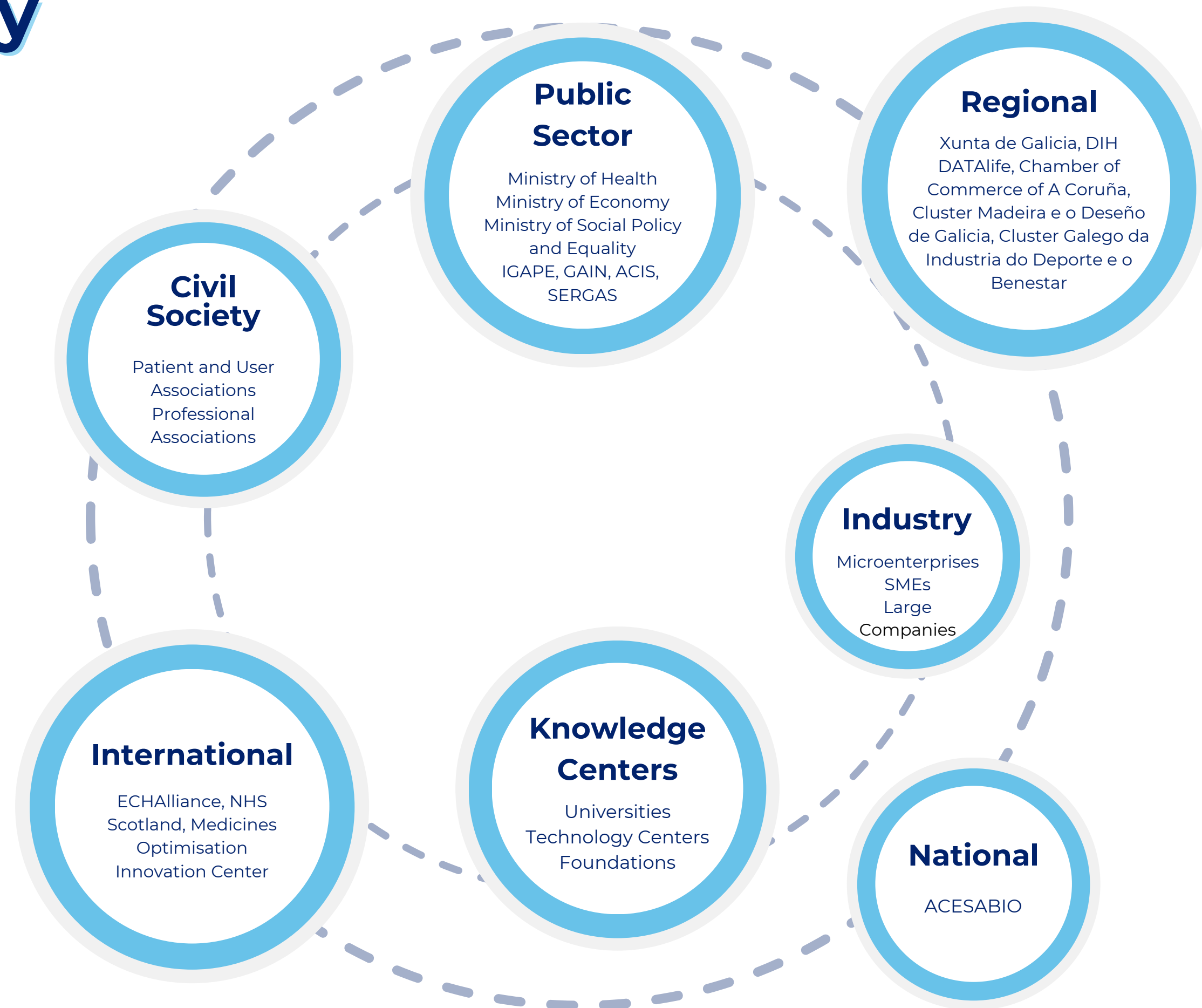
#CSG_Community: Members



#CSG_Community

The CSG has established a **strategic network of collaborators and partners at regional, national, and international levels** with the aim of strengthening a competitive, efficient and high-impact healthcare ecosystem. Through its focus on innovation and public-private cooperation, CSG works closely with universities, technological centers, biomedical foundations, public agencies, multinational companies, SMEs and patient associations, among others.

This **multidisciplinary collaboration fosters the exchange of knowledge, the adoption of best practices and the development of joint initiatives** that drive research, health training and the creation of innovative technological solutions.



#CSG_Community: Partners & Collaborators



XUNTA
DE GALICIA

The Xunta de Galicia, as the regional government of the community, plays a key role in the development of Galicia. **At CSG, believing in the value of public-private collaboration, we have established a long-term partnership with various regional departments: Health; Social Policy and Equality; Economy and Industry; Education, Science, Universities and Vocational Training; and Employment, Trade and Emigration. Together, we work in strategic areas such as internationalization and industry competitiveness, driving the economic and social development of our region.**



DiH DATAlife

DATAlife is the Digital Innovation Hub driving the transformation of the primary, biotechnology and healthcare sectors in Galicia. Its mission is to facilitate the integration of advanced technologies such as Artificial Intelligence (AI), Data Analytics (Big Data), Internet of Things (IoT), high-performance computing and cybersecurity into SMEs led by Galician women, particularly in the bioeconomy and healthcare sectors. **As a founding member of DATAlife, CSG leads the Health and Care node, promoting technological advancement and innovation in these key areas.**



clusters
SALUD
españa

The Spanish Health and Life Sciences Clusters Alliance (ACESABIO) brings together the leading organizations in the sector, including Arahealth (Aragon), Basque Health Cluster (País Vasco), BIOIB (Islas Baleares), Bioga (Galicia), Bioval (Comunidad Valenciana), CataloniaBio & HealthTech (Cataluña), Cluster Sociosanitario de Extremadura (Extremadura), Cluster Saúde de Galicia (Galicia), Navarra Health Cluster (Navarra), Cluster SIVI (Castilla y León), Ticbiomed (Región de Murcia), and WeMind Cluster (Cataluña). **Together, these entities tackle the most significant challenges facing companies in the care sector, with CSG actively participating in the development of a common strategy.**

#CSG_Community: Partners & Collaborators



The Cluster da Madeira e o Deseño de Galicia brings together pioneering companies in the development of wood industry products, both nationally and internationally, as well as leaders in design and innovation. **In this context, the CMD and CSG have signed a collaboration agreement (MOU) aimed at fostering synergies and strengthening cooperation between both sectors.**



The Clúster de la Industria del Deporte y el Bienestar, created in 2021, serves as a key tool to support companies in the sports sector in Galicia. **In this context, CSG and the Clúster de la Industria del Deporte y el Bienestar have taken a step forward towards a healthier future by signing an agreement to join the Plan 2M. This agreement strengthens the collaboration between both clusters with the goal of promoting a more active, healthy society aware of the importance of physical exercise for both physical and mental well-being.**



The Clúster Gallego de Soluciones Ambientales e Economía Circular was created with the goal of strengthening the technological, innovative and competitive capacity of Galician companies offering environmental solutions. Aware of the importance of energy efficiency and reducing the carbon footprint in the Galician healthcare system, this sector has led the circular economy strategy and actively participates in various greentech initiatives. **In this context, CSG and Viratec collaborate closely to drive joint projects that promote sustainability and innovation in the region.**

#CSG_Community: Partners & Collaborators



European Connected Health Alliance (ECHAlliance) is a global network of alliances for digital health, connecting over 700 organizations and 16,500 experts. Its ecosystems are multisectoral, regional, and permanent partnerships focused on implementing innovative solutions that improve health quality, citizen well-being, and the efficiency of healthcare systems. **CSG coordinates the ECHAlliance ecosystem in Galicia, leading initiatives that promote digital transformation in the healthcare sector.**

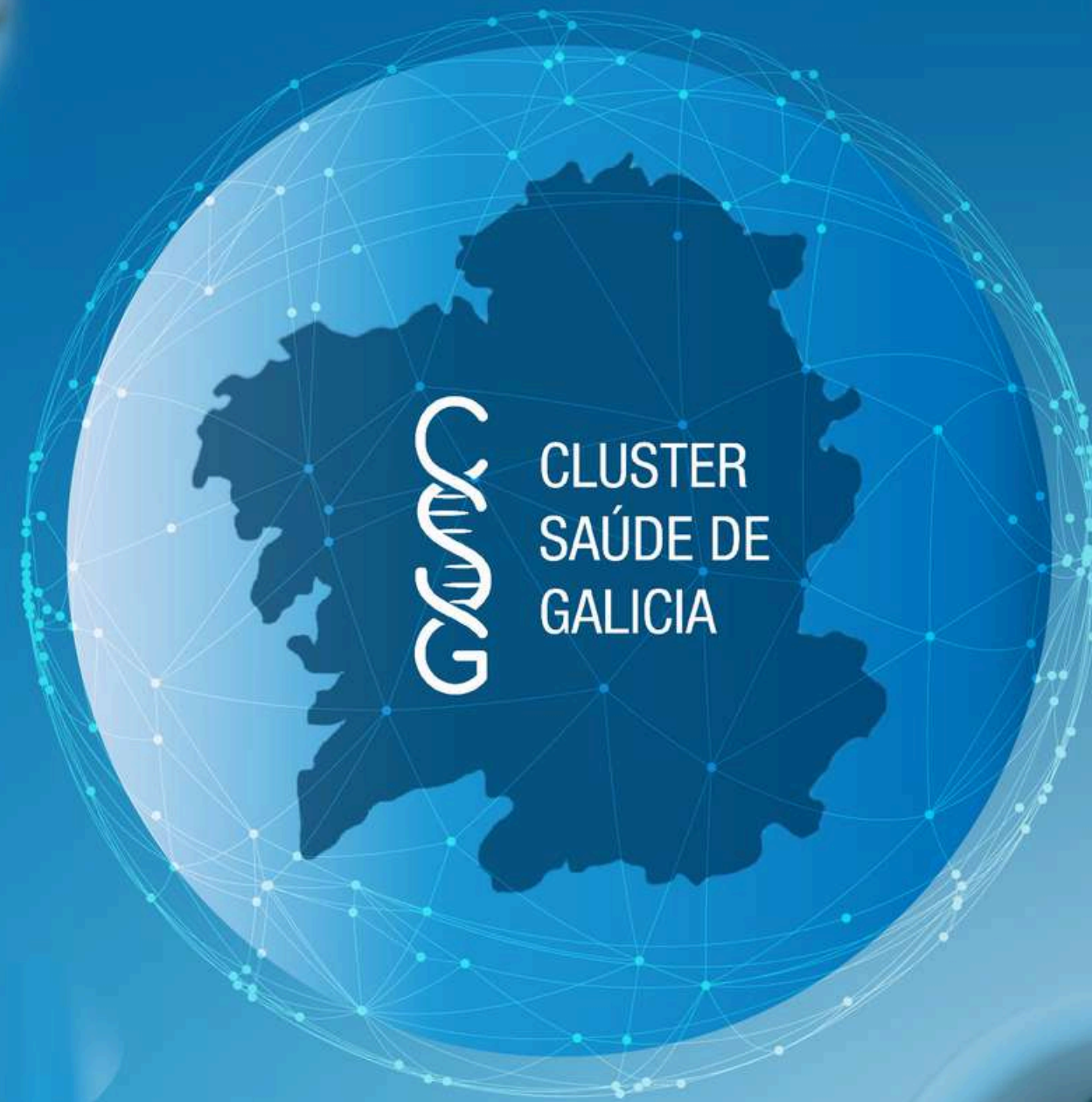


NHS Scotland is the National Health Service of Scotland, responsible for providing healthcare to the Scottish population. **NHS Scotland and CSG maintain a strategic collaboration to foster innovation and share knowledge in the healthcare field. This partnership addresses common challenges such as population aging and technological integration, with a special focus on the circular economy to optimize resources. While NHS Scotland brings its expertise in advanced healthcare management, CSG focuses on research and innovation, working together to build more sustainable and effective healthcare systems.**



The Medicines Optimisation Innovation Centre (MOIC), located in Northern Ireland, is dedicated to optimizing the use of medicines for the local population. **In 2021, CSG and MOIC signed an MOU, enabling multiple LEX (Learning Expeditions) between Northern Ireland and Galicia, as well as collaborating on several joint project proposals.**

THIS IS WHAT WE DO



Introduction



At the Cluster Saúde de Galicia, CSG, we work to strengthen the Galician healthcare ecosystem by promoting collaboration among various sector actors and improving competitiveness both locally and internationally. With over ten years of experience in creating synergies and driving innovation, we have solidified our efforts in key areas that address the main needs of the sector: **testing and piloting, internationalization, strategic consulting and the Greentech line**, focused on sustainable solutions with high health impact.

Thanks to our collaboration network, our members and international partners have privileged access to a wide range of tailor-made services aimed at optimizing their capabilities and expanding their global reach. In the following sections, we present a detailed analysis of our work, backed by figures that reflect our commitment to innovation, along with a description of each of the services we offer.

CSG in numbers



+ 100

Partners of the #CSG_Community



37

International strategic alliances



>7%

GDP of the region



72

Innovation Projects of the #CSG_Community

The CSG leads **over 70 projects** in key areas such as **digital health, biotechnology, longevity and circular economy**. These projects aim to improve the competitiveness of the healthcare sector in Galicia and promote a healthier, more sustainable society.

Featured Projects:

- **Technological Solutions in Health:** AI, big data and advanced computing.
- **Longevity and Biotechnology:** Improving quality of life in old age.
- **Circular Economy:** Resource optimization and sustainability.
- **Digital Transformation:** Digitizing the healthcare system.
- **International Cooperation:** Partnerships with NHS Scotland and MOIC.



9

Fórum RIES Editions

The International Forum RIES, organized by the Cluster Saúde de Galicia, CSG, held its ninth edition on November 13-14 in Guitiriz, Lugo, with **over 250 attendees**. #RIES24 became a leading event in innovation and health, addressing topics such as **artificial intelligence, longevity, personalized and cutting-edge medicine and circular health** through keynotes, roundtables, and interactive agoras. The event fostered public-private collaboration, recognized innovative projects, and strengthened the healthcare ecosystem in Galicia, **setting a new milestone for RIES25**.

Services of CSG

CSG offers a wide range of strategic services to support **innovation and project development**. This includes advisory in co-creation processes, data analysis and the search for funding search, as well as international collaboration opportunities. Additionally, it supports participation in European projects, fosters internationalization and facilitates the identification of new business opportunities through a comprehensive approach tailored to global challenges.



Strategic Support and Visibility

Core services of representation and consultation

Telematic Intersectoral Working Groups

CSGCONNECT

clustersaude.com/csg-connect



clustersaude.com/servicios/kit-saude/

OT NEXT GENERATION GALICIA HEALTH

otnextgen.com



Testing and Piloting

Consulting support for co-creation processes and data analysis collaboration

Funding search for scalability



itgall.tech



Internationalization

B2B Business Opportunities

Participation in European Projects



forumries.com



clustersaude.com/lex



Greentech Line

Fusion of health and sustainability

Comprehensive approach to address global challenges



GREEN ONE HEALTH

clustersaude.com/servicios/green-one-health



Strategic support and visibility

CSGCONNECT

clustersaude.com/csg-connect

CSGCONNECT is an **integrated internal communication system** with a format that ensures:



The **effectiveness, connection and synergies** between partners, the Board of Directors, and key stakeholders in the health ecosystem



The communication of **CSG's services and updates**



The **interrelation between partners** that enhances the possibilities of working collaboratively

LATEST UPDATES

9

MEETINGS

+100

PARTICIPANTS

16

SPECIAL GUESTS



Strategic support and visibility



kit
saúde

clustersaude.com/servicios/kit-saude/

The KIT (Knowledge, Innovation, and Technology) Saúde Space is an initiative driven by CSG with **the aim of fostering collaboration and knowledge exchange among its partners.** Its main objectives are:

To transfer knowledge applicable to the activities of other CSG partners



Promoting networking in the health sector



Identify business opportunities to strengthen the healthcare innovation ecosystem in Galicia





Strategic support and visibility

OT NEXT GENERATION GALICIA HEALTH

otnextgen.com

The **OT Next Generation Galicia Health is a technical office** designed to drive and facilitate the acquisition of healthcare projects, leveraging the funding opportunities from the European Next Generation funds. Its main objective is **to strengthen the healthcare innovation ecosystem in Galicia**, with a particular focus on the PERTE (Strategic Project for Economic Recovery and Transformation) in the healthcare sector.

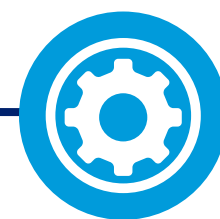
Through this initiative, the goal is **to establish Galicia as a benchmark in the development of innovative healthcare solutions**, promoting collaboration between public and private entities, and optimizing access to strategic resources that enhance the transformation of the healthcare system.



Number of
identified funding
calls



Number of project
ideas identified through
the online form



The work developed was
evaluated as **effective,
efficient, relevant, visible
and with a high potential
for sustainability** over time



A total of 19 projects were
presented, of which 15 were
approved, with the participation
of 17 Galician partners and the
mobilization of **public-private
funds amounting to
7,205,902.62€**



Funds were raised
amounting to more
than 2000% of the
budget allocated to the
**Next Generation Galicia
Health Technical Office**



Testing and piloting



ITGALL is the private Galician network of sociosanitary Living Labs managed by CSG, which combines diverse capabilities and a large user community **to test technology-based or digital solutions with a person-centered approach.**

The network was established as a tangible result of the **Horizon IN4AHA project**, where Living Labs were used to test the implementation of technological/digital solutions in the context of active and healthy aging.

CSG develops a model based on clinical excellence, R&D&I, digital transformation and the development of technology-based products aimed at the well-being of individuals. Our value chain is based on:



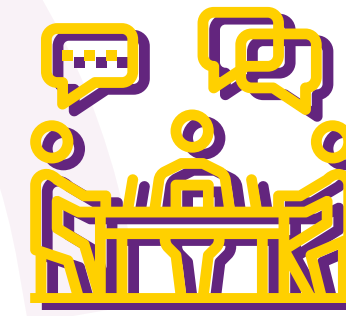
Innovation centered on people



Living Lab



Co-Creation



Adapted to the client's needs



Evaluation and impact

Are you a solution provider? ITGALL is the perfect environment to test your innovative solutions. CSG guides you through the entire testing process, working closely with the managers of the living labs from:

- Evaluation of potential solutions
- Development of person-centered care protocols
- Test reports
- Fundraising guidance

GET STARTED



Internationalization



Learning Expeditions (LEX) or study missions are one of **the main internationalization services offered by CSG**. These missions can be **direct, reverse or online**, always with a common agenda that represents the CSG community and presents turnkey projects. The focus of each mission varies depending on the participating partners and **includes areas such as longevity, circular economy, biomedicine and technological solutions**, among others. The delegation is typically composed of regulators, R&D&I entities, industry representatives and patient associations. CSG plays a key role in their development, handling the planning, execution and follow-up of each mission.

MAIN OBJECTIVES

- To identify strategic partners and investment opportunities in new markets.
- To facilitate contact between participants, whether or not they are CSG partners, and stakeholders in their market of interest.
- To address general or specific topics based on the particular needs and interests of the participating companies.



Internationalization



forumries.com

#RIES is the **international forum of reference for addressing the challenges and opportunities of the healthcare ecosystem**, both nationally and internationally. Led by CSG, this event has become a key meeting point for the main stakeholders in the healthcare sector, bringing together representatives from both the public and private sectors in collaboration with our strategic partners from the #CSG_Community.

Throughout its editions, #RIES has evolved into **a space for debate, innovation and the generation of synergies within the sector**. In 2025, it will celebrate its tenth edition, reaffirming its role as a catalyst for transformative initiatives in healthcare and strengthening its impact on the internationalization, digitalization and sustainability of the sector.



Green One Health (GOH) is **the new research line of CSG**. GOH merges the principles of One Health and sustainability to address global challenges from a comprehensive perspective.

GOH represents the same essence of #OneHealth, **recognizing the close relationship between human, animal, and environmental health**. However, it goes further by also considering sustainability as a key component. This initiative aims to transcend traditional research boundaries by collaborating with experts and professionals from various disciplines to tackle complex and emerging issues.

Our goal with GOH is **to analyze and understand how our actions can collectively impact human population health, biodiversity, and ecosystem quality**. From the analysis of diseases shared by humans and animals to the sustainable management of resources. Therefore, GOH focuses on resilience and harmony between human and biological systems.



CSG STRATEGIC PROJECTS



CSG Strategic Projects




Co-funded by the European Union

2023 - 2026

RePo-SUDOE **FEDER Support: 1.363.040,40€**
Total Cost: 1.817.387,21€
CSG Budget: 107.912,79€

www.interreg-sudoe.eu/proyecto-interreg/repo-sudoe/



AXENCIA GALEGA DE INNOVACIÓN

2023 - 2025

Total Budget: 290.100€
GAIN Support: 228.000€

www.clustersaude.com/convenio-gain/



EDIH DATAlife Project



Funded by the European Union

2023 - 2025

Budget: 5.494.236€
CSG Budget: 275.777,52€

dihdatalife.com/edih

Program: Sudoe Projects 2021-2027

Objective: To make the SUDOE space a European reference in "drug repurposing," developing and disseminating advanced technologies that increase competitiveness and attract skilled talent.

Role of CSG: CSG's role focuses on being responsible for communication, which involves managing the dissemination of information and project results through various channels. It also includes coordinating with project partners to develop effective communication strategies and organizing events and activities to engage stakeholders and the general public.

Program: Strategy for the Consolidation of the Biotech Sector in Galicia

Objective: To position the Galician region as a reference hub in biotechnology, promoting its use and application across all economic sectors and fostering a collaborative ecosystem that encourages entrepreneurship, growth and the attraction of companies to Galicia.

Role of CSG: To expand the services we provide to the entire biotech ecosystem in Galicia in the area of innovation to enhance the international positioning of the Community as a bio-region.

Programa: EDIH - DIGITAL-2021-EDIH-01

Objective: To accelerate digital transformation to create a fair, green and healthy economy suited for the information age. A high-quality digital revolution will be people-centered, focusing on the environment in which they live and their well-being.

Role of CSG: CSG's role focuses on pre-investment testing services (pilot services in our living labs), stakeholder and ecosystem engagement, dissemination of results, and fostering collaboration between the public and private sectors.

CSG Strategic Projects



2022 - 2024

Budget: 499.575€

CSG Budget: 93.250€



senior-eco-nect.com

Program: HORIZON-CSA - HORIZON-EIE-2021-CONNECT-01-01

Objective: The main objective of the Senior Eco-Nect project is to prepare a joint action plan to support the emergence and development of European ecosystems dedicated to the silver economy, as well as to ensure inclusion and interconnectivity among all key innovation actors in the sector (health) and cross-cutting sectors (tourism and sports).

Role of CSG: CSG is involved in mapping stakeholders and solutions to be included in the action plan, organizing thematic workshops, and disseminating the results.



2021 - 2022

Budget: 1.958.138€

CSG Budget: 207.500€



innovation4ageing.tehnopol.ee

Program: HORIZON-CSA-SC1-HCC-08-2020

Objective: Coordination and support for the new scaling mechanisms provided by EIP in AHA and its stakeholders for more efficient adoption of innovations in active and healthy aging.

Role of CSG: CSG leads focus groups, testing, and the implementation of the investment strategy (H2020).



2019- 2023

Budget: 1.768.663,92€

CSG Budget: 132.924,32€



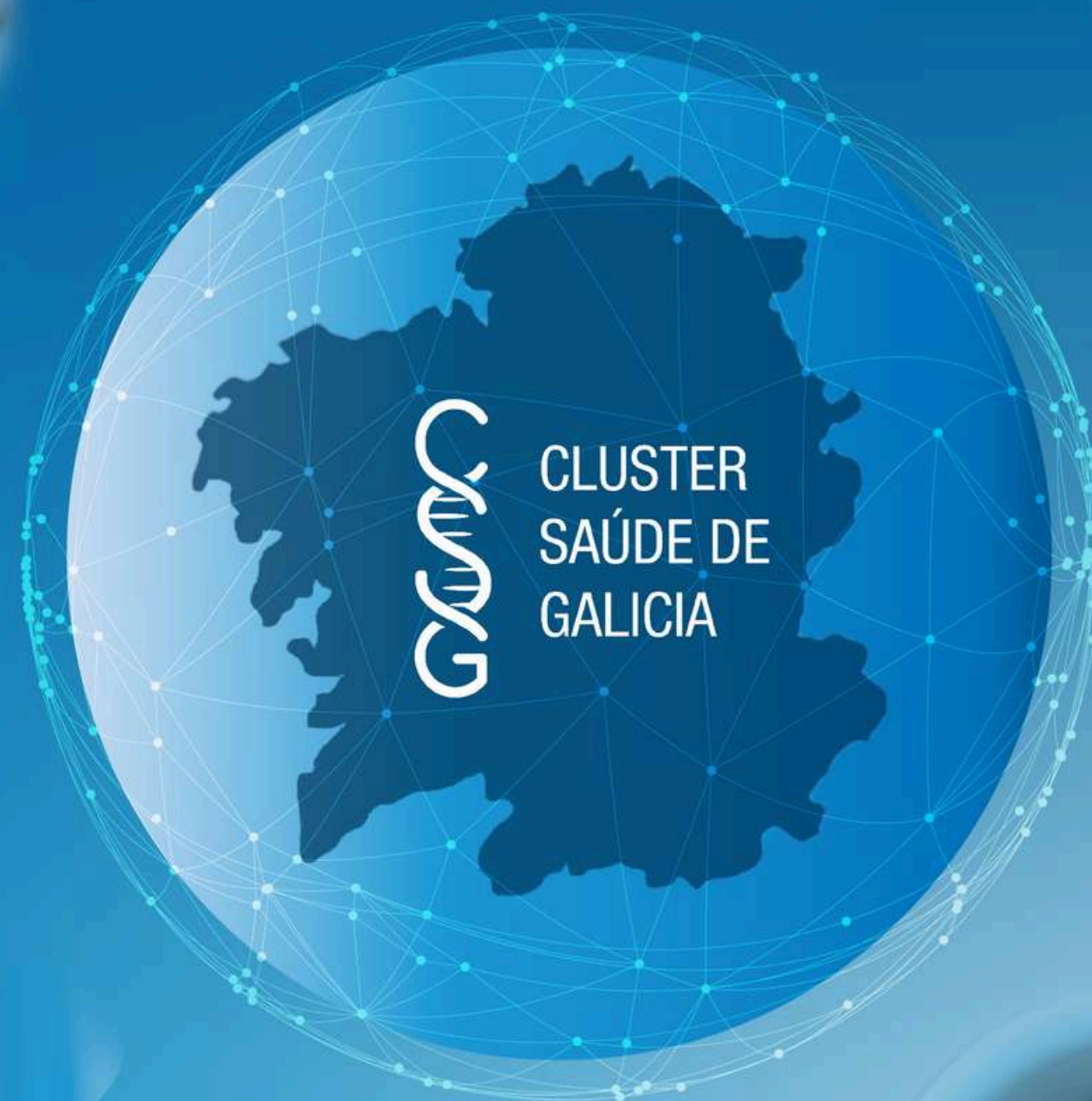
neuroatlantic.eu

Program: Interreg Atlantic EAPA_791/2018-NEUROATLANTIC

Objective: The neuroATLANTIC project will contribute to addressing this challenge by proposing new standardized clinical protocols, innovative methods for diagnosis and treatment, and ensuring the transfer of technology to businesses to promote the adoption of innovations in real-world settings.

Role of CSG: CSG is responsible for capitalization (WP leader) and communication.

WOULD YOU
JOIN US?



At CSG, IMPACT is measured in TRANSFORMATION and RESULTS:



VISIBILITY

We enhance the presence of our members within the Galician Health Ecosystem and in strategic networks at both national and international levels, strengthening their positioning and recognition.



INFORMATION

We facilitate access to key information through smooth communication with regulatory bodies, identifying opportunities, needs, and co-creating innovative solutions.



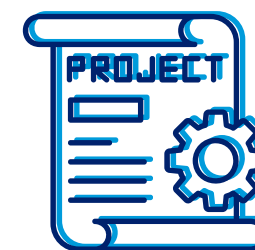
STRATEGIC COLLABORATIONS

We encourage the creation of consortia and alliances for the development of turnkey projects with high value and impact in the healthcare sector.



KNOWLEDGE

We offer specialized workshops and seminars (Healthy Information Capsules), as well as training opportunities to foster the professional growth of our community.



PROJECTS

We support the development of initiatives within the #CSG_Community, providing strategic visibility and personalized consulting to maximize their impact.





Do you share our vision and values? **Join the #CSG_Community and be part of the change in the healthcare ecosystem!**

We are working to establish Galicia as a global leader in health, driving innovation, collaboration, and the development of the healthcare ecosystem.

We look forward to welcoming you!



CLUSTER
SAÚDE DE
GALICIA

Av. Fernando de Casas Novoa 37.
Edificio CNL, Portal A-B, 1º 15707
Santiago de Compostela

+ 602 247 149

info@clustersaude.com



[@clustersaude](#)