



Wallonia

Where medtech
innovation thrives

BIOWiN

THE HEALTH CLUSTER OF WALLONIA



BioWin, at the heart of an innovative ecosystem

"BioWin does a great job bringing together companies from the medtech ecosystem with complementary expertise, so that valuable innovations are successfully developed and rapidly made available to the patients who need them."

Thibault Hellepute
Founder & CEO
DNAlytics

"The strengths of the Walloon medtech space are built from the dense and well-developed ecosystem and talented people. The BioWin team highly supports start-up projects, advises the actors, and plays a key role in creating opportunities for networking at the national and international levels."

Laurent Martinot
Co-Founder & CEO
Sunrise

"iSTAR Medical is proud to be headquartered in Wallonia to develop MINject®, a minimally-invasive glaucoma surgery device for open-angle glaucoma. Wallonia is a key hub for our industry and being part of the region's rich ecosystem of exciting companies and research helps our company to flourish."

Michel Vanbrabant
CEO
iStar Medical

"What's really great about the Walloon medtech environment is the strong network of highly skilled companies. This allows us to accelerate the development of innovative products through co-creation projects. Being part of the BioWin cluster is a major advantage to finding relevant partners and incentives."

Jean-Philippe Allar
CEO
Oncomfort

Ongoing initiatives



Medtech is supported by Wallonia through the Smart Specialisation Strategy (S3). S3 aims to increase the competitiveness of the region in medtech by identifying and investing in specific areas of competitive advantage and potential for growth. This strategy promotes collaboration to create an ecosystem of innovation in the region.

s3.wallonie.be



MedTech Wallonia combines the expertise of life sciences and engineering. It acts as the entry point for medtech players.

medtech-wallonia.be





A dynamic and innovative medtech ecosystem

Wallonia, Belgium has long focused on medtech to promote excellence and economic development. The sector is emerging and highly dynamic, with a rapidly growing ecosystem structured around medical devices, in vitro diagnostics, e-health, and digital health solutions.

Medtech is adapting to new trends such as continuity of care, preventive measures, and utilizing health data for improved patient outcomes. It plays a vital role in mature biopharma and health-related radiation ecosystems. The medtech value chain is supported by specialized service providers and the sector covers hospitals, research centers, industries, service providers, and other stakeholders.

Innovative companies can rely on the expertise of other members of the BioWin network for research, development, and marketing of their technologies. This area is also regulated by the new European IVDR and MDR. The core medtech members are companies who are active in the development of devices, equipment, apparatus, and reagents intended for diagnosis, monitoring, relieving, or treating a condition, injury, or disability



Medical devices



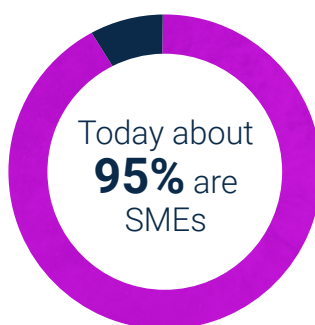
In vitro diagnostics



e-Health

250

medtech companies in Belgium



80

in **Wallonia**
with around **5,000** FTEs



>50%

of BioWin's collaborative
projects are medtech

171

Belgian patent applications were
filed in Europe in 2021

*



80% of Belgian medical device and
IVD companies predict increasing
revenues from **2022-2026**

*

*Data from The Belgian Medical Technology Industry Facts and Figures 2022 by beMedTech (the Belgian federation of the medical technology industry).



View all our
active projects here

BIOWin

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From Wallonia to the world: BioWin's international network

BIOWin

THE HEALTH CLUSTER OF WALLONIA



Serving **health biotech** and **medtech** innovation

Founded in 2006 to:

- Unify innovative life science players in Wallonia.
- Create a positive impact on society via health innovation.
- Showcase Wallonia as a world-class life science research environment.

BioWin represents more than 90% of the health biotech and medtech players in Wallonia in a diverse and growing ecosystem of more than 250 active members.



Your contact at BioWin

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biowin.org



Visit our website & follow
the latest member news



Global networking

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Our partners:



With the support of:



Medical devices



Developing, manufacturing, and marketing patient specific products for bone surgery based on 3D technologies.

Robotics company dedicated to optimizing patient clinical outcomes through innovative and cost-effective neuro-rehabilitation technologies.



Brussels Medical Device Center (BMDC) is a platform for passionate medical doctors and engineers working in partnership to develop innovative medical devices.

Bone reconstruction for maxillofacial and orthopedic surgery. Printing custom-made bone grafts.



Manufacturer and brand owner of medical devices and cosmetics in the oral hygiene, skin care, and hair care sectors.

Competent and reliable partner for the global community in nuclear medicine, radiotherapy synthesis, and quality control.



Developing and commercializing innovative devices providing new means of therapeutic interventions for gastroenterologists.

Pharmaceutical company dedicated to developing innovative drug products in ophthalmology. Distributing surgical products to ophthalmologists who need the highest quality of products for their clinical practice.



Providing a solution to permanently prevent strokes.

Developing predictive at-home monitoring solutions for early diagnosis and improved home care of pediatric respiratory diseases.



Design, manufacturing, and sales of cryogenic surgical instruments for the use in cosmetic dermatology, podiatry and for the treatment of skin lesions in medical and veterinary clinics.

Active in digital health, specializing in medical solutions and dedicated to the remote detection and monitoring of patients with heart failure in many areas.



Health and well-being products and services based on cutting edge neurosciences.

Cancer diagnostics and treatment equipment company. Worldwide technology leader in the field of proton therapy.



IRE is one of the world's leading producers of radioisotopes used in nuclear medicine for diagnosis and therapy. IRE ELiT is active in radiopharmaceutical production.

Delivering breakthrough eye care solutions, including MINiject® - an innovative supraciliary minimally invasive glaucoma surgery device for open-angle glaucoma patients.



Developing animal-free, ultrapure chitosan-based breakthrough biomaterials for the development of safer and highly efficient therapeutic medical devices and implants for joint health, ophthalmology, tissue engineering, and biosurgery.

Manufacturing of specialty ingredients based on a unique patented technology enabling industrial scale production of biopolymers, namely high-purity chitin-glucan and chitosan.



UCLouvain's hub for medical device and human research, as well as innovation.



Developing an innovative, opto-enzymatic continuous blood glucose monitoring technology for people living with diabetes.

Transforming Women's Health by offering new choices through innovation, with a particular focus on contraception and menopause.



Developing pragmatic healthcare solutions, starting with a mobile eye tracking laboratory.

Developing a novel diagnostic and therapeutic solution to combat Obstructive Sleep Apnea (OSA).



Developing and commercializing the Digital Sedation™, a unique digital therapy combining clinical hypnotherapy and integrative therapeutic techniques through virtual reality for relieving patients' pain and anxiety during medical procedures.

AI powered research organization for next-generation image analysis, based on the unique experience of its founders who are pioneers in radiomic science.



Innovative solutions for the diagnosis and the treatment of sleep and respiratory system disorders.

Pioneering optoelectronics in healthcare.



Designing, manufacturing, selling, and supporting high performance synthesizers, dose preparation and dispensing equipment, all related consumables, and shielding solutions.

In vitro diagnostics



Distributor and manufacturer of scientific instruments for laboratories and lab furniture.

Manufacturing proprietary biomarkers to assess musculoskeletal diseases.



Active in R&D, production, and worldwide distribution of immunology-based kits for in-vitro diagnostic detection of cancers and NETs (Neutrophil Extracellular Traps) related diseases.

Developing technical solutions for the pharmaceutical and biotechnology sectors.



Innovative solutions for rapid and effective antimicrobial resistance diagnostics.

Manufacturing reagents for immunoturbidimetry and specializing in high technology R&D based on immunology technologies.



Innovating epigenetics solutions.

Developing, manufacturing and marketing clinical diagnostic products in the field of endocrinology and infectious diseases.



Developing and producing diagnostic kits for autoimmune diseases.

Contract research organization aiming to provide industries, hospitals, and universities with all analytical services for human biofluid investigations and hemocompatibility testing.



Spin off from UCLouvain offering a solution to detect the earliest stages of a cardiovascular disease.

In-vitro diagnosis of pathologies at the early stages of life as well as chronic diseases.



Digital health & e-health



Providing data science expertise for healthcare, including data management, bioinformatics, bio-statistics, also including machine learning and other artificial intelligence techniques.

Medtech start-up developing predictive at-home monitoring solutions for early diagnosis and improved home care of pediatric respiratory diseases.



Active in digital health, specializing in medical solutions and dedicated to the remote detection and monitoring of patients with heart failure in many areas.

Developing innovative solutions for the diagnosis and the treatment of sleep and respiratory system disorders.



Developing and commercializing Digital Sedation™, a unique digital therapy combining clinical hypnotherapy and integrative therapeutic techniques through virtual reality for relieving patients' pain and anxiety during medical procedures.

Developing pragmatic healthcare solutions, starting with a mobile eye tracking laboratory.



Spin-off of the University of Liege developing and commercializing a digital solution to support patients in chronic care and post-hospitalization contexts.

Empowering and connecting people with Parkinson's disease with their care team to achieve a better quality of life.



Specializing in precision medicine for the treatment of cancer and genetic diseases.

Developing products and services with the unique advantage of providing higher quality care for cancer patients while also minimizing total treatment cost.



Find the partners in Wallonia for your medical devices and in vitro diagnostic challenges. For more information about our members, visit www.biowin.org/biowins-members

General support



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Global networking

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