

BiOWin

THE HEALTH CLUSTER OF WALLONIA



Find in Wallonia (Belgium)
the partners for your
Medical Devices and
In Vitro Diagnostics challenges

WWW.BIOWIN.ORG

A DYNAMIC AND INNOVATIVE MEDTECH ECOSYSTEM

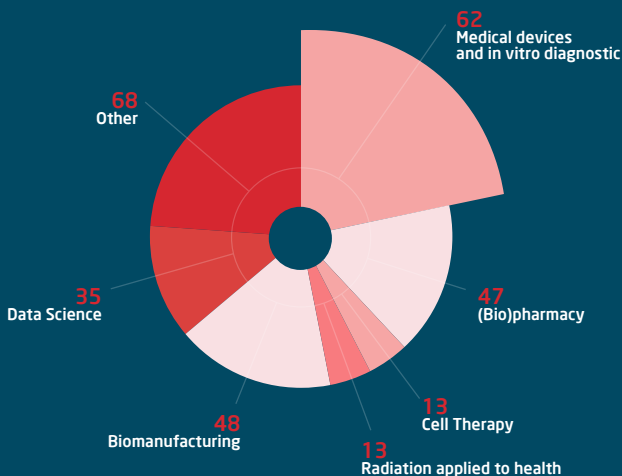
Medicine and global Healthcare are going through a deep revolution. Paradigms are changing at all levels, including disease prevention, diagnosis and cure. Innovative medical technologies are major actors in this revolution. Medical technology industry includes, among others: medical devices, in vitro diagnostics (IVD), medical imaging equipment.

Our core MedTech members are companies who are active in the development of devices, equipment, apparatus and reagents intended for

- (1) monitoring, relieving or treating a condition, injury or disability by means other than medication (i.e. a medical device) or
- (2) providing information, by means of an in vitro test, on the pathophysiological condition of a patient (in vitro diagnosis).

This area also includes developing the digital components. These fields of research, development and manufacturing are regulated by the new European IVDR and MDR.

To support the development of this dynamic ecosystem, innovative companies can rely on the expertise of other members of the BioWin network, whether for research and development phases or for the marketing of the technologies developed.



Shares of BioWin's members per technological target area (some members belong to one or more areas)

1 COMPANIES DEVELOPING MEDICAL THERAPEUTICS DEVICES

| | | |
|---|---------------------------|---|
|  | Baxter | Advanced medical technologies for hospital products and renal products |
|  | Cardiatis | Novel and unique platform dedicated to complex aneurysms and aortic dissections |
|  | Cerhum | Bone graft printing and 3D bioceramics |
|  | Digital Orthopaedics | Clinical decision support systems for musculoskeletal pathologies |
|  | Endo Tools Therapeutics | Development and commercialization of innovative devices for therapeutic, flexible endoscopy |
|  | Frid Mind Technologies | Permanent prevention from stroke |
|  | Human Waves | Health and well-being products and services based on cutting edge neurosciences |
|  | IBA | Severe diseases diagnosis and cancer treatment solutions company |
|  | IMEC | Electronics and data science expertise to develop a variety of wearable health applications focussing on medical devices and chronic disease management |
|  | Istar Medical | Innovative ophthalmic implants |
|  | Kiomed Pharma | Therapeutic solutions for patients suffering from high impact pathologies |
|  | Kitozyme | Design, manufacturing and marketing of medical devices from fungal chitosan and chitin-glucan |
|  | Medi-Line | High quality services in development and manufacturing of plastic disposables for the medical devices industry |
|  | Metronom Health | Revolutionizing continuous glucose monitoring through innovative technology and patient-centric design |
|  | Sunrise | Innovative solutions for sleep diagnosis and treatment |
|  | Nexeon Medsystems Belgium | Innovative neurostimulation products for patients suffering from debilitating neurological disease |
|  | Nyxoah | Innovative, neurostimulation-based therapy for patients suffering from Obstructive Sleep Apnea (OSA) |
|  | Synergia Medical | Pioneering optoelectronics in healthcare |
|  | Wishbone | Bone graft substitute products for dental implants |

2 COMPANIES DEVELOPING IN VITRO DIAGNOSTICS DEVICES



Analisis

Distributor and manufacturer of scientific instruments for laboratories and lab furniture



Antigon

Immuno-Hematology and transfusion aiming to revolutionize IVD testing at bedside



Artialis

Proprietary biomarkers to assess musculoskeletal diseases



Belgian Volition

Diagnosis of disease (especially cancer)



Ciseo

Development of technical solutions for the pharmaceutical sector and the biotechnology sector



Coris Bioconcept

Innovative solutions for rapid and effective AntiMicrobial Resistance diagnostics



Diagenode

Innovating epigenetics solutions



DIAsource

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



DNALytics

Data Sciences and Artificial Intelligence in healthcare. Example of precision medicine IVD : www.rheumakit.com.



D-Tek

Development and production of diagnostic kits for auto-immune diseases



IMEC

Electronics and data science expertise to develop a variety of wearable health applications focussing on medical devices and chronic disease management



Immuno Diagnostic System

Development and provision of innovative immunoassays for use in clinical and research laboratories



Trasis

Designing and manufacturing of high performance synthesizers, dose preparation and dispensing equipment in radiopharmacy



Zentech

In Vitro Diagnosis of pathologies at early life stage of human beings as well as chronic diseases



Find in **Wallonia** the partners for your Medical Devices and in vitro diagnostics challenges



For more information about our members, visit www.biowin.org/en/companies

3 REGULATORY & IP SUPPORT



Aepodia

Customised services for phase I/II clinical trials for innovative pharmaceutical and biotechnological companies



Covartim

Engineering and consulting services for medical devices company, including quality assurance and regulatory affairs



Icosa

Intellectual Property Law firm specializing in healthtech, medtech & biotech



Rommel Consulting

Expert consultancy services in Non-clinical Development of Biologicals & Biological Evaluation to support Certification of Medical Devices

4 ENGINEERING SUPPORT



BMDC

Co-creation of medical devices through all essential steps of design, validation, manufacturing, and clinical study



Ciseo

Development of technical solutions for the pharmaceutical sector and the biotechnology sector



DNAlytics

Data Sciences and Artificial Intelligence in healthcare: R&D, clinical studies, bio-manufacturing enhancement, health applications.



IMEC

Electronics and data science expertise to develop a variety of wearable health applications focussing on medical devices and chronic disease management



Lambda-X

Design, development and production of dedicated optical systems for metrology and imaging applications



Louvain Bionics

Interdisciplinary Research Center for the conception and development of surgical, diagnostics and rehabilitation devices



Medi-Line

High quality services in development and manufacturing of plastic disposables for the medical devices industry



Simonis Plastic

Manufacturing of medical devices by injection moulding and thermoforming



Sirris

Support and services in the transition from technological know-how to marketable innovations



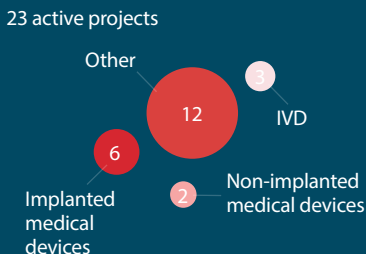
WSL

Support to technopreneurs in MedTech throughout their project, from the launch of their business up to their growth phase

BIOWIN'S ACTIVITIES AND SUPPORT FOR MEDTECH COMPANIES

R&D PORTFOLIO

- Impulse for collaborative innovation in the health & life sciences sectors
- Support from early ideas to finalisation of full size projects
- External evaluation by a selected panel of experts
- Access to dedicated Walloon grants
- Follow-up of projects



MEDTECH EUROPEAN PROJECTS

MAGIA - Medtech Alliance for Global Internationalization. This COSME project is dedicated to supporting the internationalisation of SMEs, firstly through cooperation and sharing resources, and secondly by making the innovative European medical-technologies industry more visible.

SAFE-N-MEDTECH - Safety Testing in the Life Cycle of Nanotechnology- Enabled Medical Technology for Health. The aim of this project is to build an innovative open access platform to offer to companies and reference laboratories, the capabilities, knowhow, networks and services required for the development, testing, assessment, upscaling and market exploitation of nanotechnology-based Medical and Diagnosis Devices.

S³martMed - European Strategic Cluster Partnership for Smart Specialization Investments in Medical Technologies. This project offers meeting opportunities through the organization of inter-regional B2B and Clusters to Clusters networking events involving SMEs, technology centers and key players from partner regions.

MEDTECH NETWORKS



MEDTECH WALLONIA:
Regional entry point for medical device and digital health projects in Wallonia



WAL-DX: Regional network gathering IVD actors in Wallonia



EDCA: European Diagnostic Clusters Alliance

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