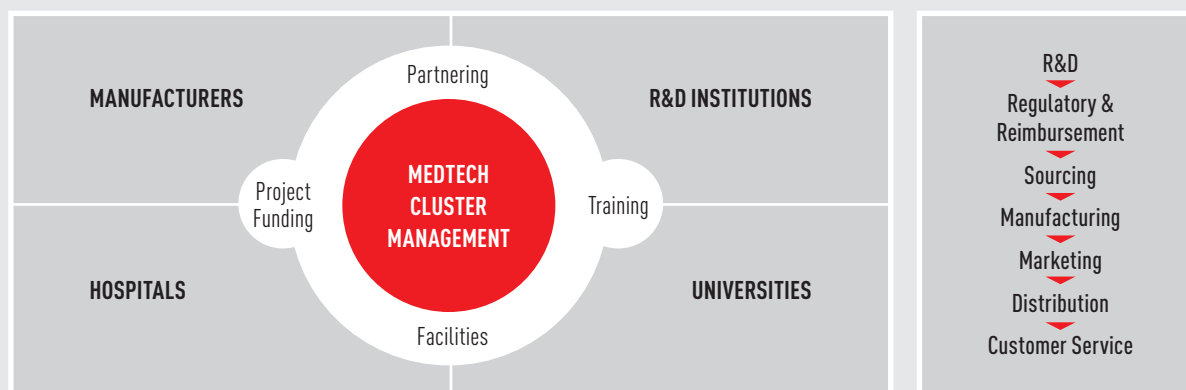


MEDICAL TECHNOLOGY CLUSTERS IN GERMANY

Outstanding Resources for Medical Technology Companies

Germany's technology clusters provide benefits along the entire value chain

Germany boasts more than 30 specialized medical technology clusters



Germany is Europe's largest medical technology market and ranks third internationally. With more than 11,000 medical device manufacturers and two thirds of revenues generated outside its domestic market, Germany is also home to a very successful medical technology industry. Throughout the world products "Made in Germany" have achieved an excellent reputation for their leadership in quality, innovation, and design. The foundation of this success is a well-established collaboration between private sector companies, hospitals, contract research institutions, and academia.

Germany is home to more than 30 specialized cluster networks focusing on medical technology. Their goal is to achieve continuous innovation in research and development as well as in manufacturing by connecting companies, hospitals, universities, and other research institutions. Dedicated cluster management teams help obtain funding for joint R&D projects, provide shared facilities, and organize educational training programs for their members.

The support of innovative technology clusters is part of the German government's national High-Tech Strategy 2020. Winners of the "Leading-Edge Cluster Competition" receive an additional EUR 80 million in funding to accelerate their ongoing projects and bring innovative solutions to market.

This publication provides a countrywide overview of selected clusters and networks including key focus areas and membership numbers. Interested companies are welcome to join one or more clusters regardless of their geographic location.

The mission of Germany Trade and Invest is to assist international companies in setting up business operations - such as R&D centers, manufacturing facilities, and sales and service centers - in Germany. For further information and contacts please visit us online at: www.gtai.com/medtech












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MEDICAL TECHNOLOGY CLUSTERS IN GERMANY







Germany's Medical Technology Cluster Networks



Cluster Networks	Selected Area of Activity	Selected Members
 Bio Pro www.bio-pro.de	<ul style="list-style-type: none"> - Minimally invasive endoscopes - Implants, prostheses - Robotic systems 	<ul style="list-style-type: none"> - Companies: 603 - University Hospitals: 6 - Universities: 19 - Research Institutes: 10 BW
 Medical Valley EMN e.V. www.medical-valley-emn.de	<ul style="list-style-type: none"> - Diagnostic imaging - Treatment systems - Telemedicine - Hi-tech implants 	<ul style="list-style-type: none"> - Companies: 500 - University Hospitals: 1 - Universities: 1 - Research Institutes: 20 BY
 Forum MedTech Pharma e.V. www.medtech-pharma.de	<ul style="list-style-type: none"> - Electronics & IT - Medical imaging - Minimally invasive technologies - Biomaterials & Materials - Diagnostics - Pharma 	<ul style="list-style-type: none"> - Companies (statewide): 282 - University Hospitals: 5 - Universities: 19 - Research Institutes: 20 BY
 Health Capital Berlin - Brandenburg www.healthcapital.de	<ul style="list-style-type: none"> - Medical imaging - Minimally invasive medicine - Cardiovascular diseases - Neurology - Oncology 	<ul style="list-style-type: none"> - Companies: 280 - University Hospitals: 2 - Universities: 8 - Research Institutes: 4 BB BE
 Medtecnet-BB www.medtecnet.de	<ul style="list-style-type: none"> - Diagnostic and therapy tools 	<ul style="list-style-type: none"> - Companies: 10 - University Hospitals: 6 (Joint network across the states Berlin and Brandenburg) BB BE
 Imaging Netzwerk Berlin (INB) www.imaging-netzwerk-berlin.de	<ul style="list-style-type: none"> - Medical/molecular imaging - Medical image processing 	<ul style="list-style-type: none"> - Companies: 7 - University Hospitals: 1 - Universities: 2 - Research Institutes: 3 BE
 Diagnostik - Net BB www.diagnostiknet-bb.de	<ul style="list-style-type: none"> - In-vitro diagnostics - Identification of biomarkers & validation - Biobanking 	<ul style="list-style-type: none"> - Companies: 32 - Universities: 2 - Research Institutes: 6 (Joint network across the states of Berlin and Brandenburg) BB
 Unternehmensverband Life Sciences Bremen e.V. www.lifesciences-bremen.de	<ul style="list-style-type: none"> - Image-based medicine - Mass spectrometry - Diagnostics - Therapy tools 	<ul style="list-style-type: none"> - Companies: 21 - Research Institutes: 1 HB
 Life Science Nord www.lifesciencenord.de	<ul style="list-style-type: none"> - Medical imaging - Minimally invasive surgery - Implantology - Wound healing - Diagnostics 	<ul style="list-style-type: none"> - Companies: 300 - University Hospitals: 2 (Joint network across the states of Hamburg and Schleswig-Holstein) SH HH

Cluster Networks	Selected Area of Activity	Selected Members
 Optence e.V. www.optence.de (Joint network across the states Hessen and Rheinland-Pfalz)	- Optical, laser and LED technology	- Companies: 32 - University Hospitals: 1 - Universities: 6 - Research Institutes: 13
 www.hessen-medtech.de	- Medical technology company database of the state of Hessen (c/o Hessen Trade and Invest)	- Companies: 300
 Timm Technologie & Innovation Medizinregion Mittelhessen www.timm-mittelhessen.de	- Medical innovation and development	- Companies: 23 - University Hospitals: 2 - Universities: 3
 BioConValley www.bioconvalley.org	- Plasma tech - Telemedicine	- Companies: 20 - Universities: 5 - Research Institutes: 12
 BioRegion www.bioregion.de	- Diagnostics - Biomedical technologies - Implants - Acoustic hearing technology - Dental technology	- Companies: 104 - University Hospitals: 2 - Universities: 4 - Research Institutes: 14
 MedECON Ruhr www.medeconruhr.de	- Medical imaging - Telemedicine - Medical IT - Hospital engineering - Dental technologies - Rehabilitation technologies - Medical biotechnologies	- Companies: 89 - University Hospitals: 3 - Universities: 8 - Research Institutes: 6
 MedizinTechnik. NRW www.medizin-technik-nrw.de	- Cardiovascular systems - Bio-hybrid systems - Rehabilitation technologies - Point-of-care diagnostics - Data-driven medicine - Oral medicine	- Companies: 242 - University Hospitals: 7 - Universities: 7 - Research Institutes: 50
 Adapthera www.adapthera.net	- Rheumatoid arthritis	- Companies: 10 - Universities: 1 - Research Institutes: 2
 healthcare.saarland www.healthcare-saarland.de	- Hearing defects/ hearing impairment - Hospital hygiene - Neuroprosthetics - Health IT - Ambient assisted living - Laboratory technology	- Companies: 116 - University Hospitals: 1 - Universities: 3 - Research Institutes: 4

MEDICAL TECHNOLOGY CLUSTERS IN GERMANY

Cluster Networks	Selected Area of Activity	Selected Members	
 Biosaxony/ BIO CITY LEIPZIG/ BioInnovationsZentrum Dresden biosaxony.com bio-city-leipzig.de www.biodresden.com	<ul style="list-style-type: none"> - Molecular bioengineering - Biomaterials - Bioinformatics - Regenerative therapies - Diagnostics 	<ul style="list-style-type: none"> - Companies: 50+ - University Hospitals: 2 - Universities: 3 - Research Institutes: 3 	SN
 Cluster Medizin- und Gesundheitstechnik des Landes Sachsen-Anhalt www.medizintechnik-sachsen-anhalt.de	<ul style="list-style-type: none"> - Plastics technology in medicine - Surface finish for medical devices - Robotics in medicine - Medical imaging - Health care products - Rehabilitation 	<ul style="list-style-type: none"> - Companies: 16 - University Hospitals: 1 - Universities: 1 - Research Institutes: 2 	ST
 Stimulate Verein e.V. www.forschungscampus-stimulate.de	<ul style="list-style-type: none"> - Image-guided local therapies - Medical imaging - Intelligent catheters - Medical software - MRI tools 	<ul style="list-style-type: none"> - Companies: 16 - Universities: 1 - Research Institutes: 3 	ST
 InnoMed e.V. www.innomed-magdeburg.de	<ul style="list-style-type: none"> - Neuromedtech - Diagnostics - Ambulance vehicles - Gas sterilization - Ultrasonic measurement technologies - Medical software - Reprocessing of medical devices - Intelligent catheters - Telemedicine - Medical imaging 	<ul style="list-style-type: none"> - Companies: 28 - University Hospitals: 1 - Universities: 2 - Research Institutes: 1 	ST
 medways e.V. www.medways.eu	<ul style="list-style-type: none"> - Ophthalmology - Implants and endoprotheses - Optical and biotechnological diagnostic tools - Sensors 	<ul style="list-style-type: none"> - Companies: 45 - University Hospitals: 1 - Universities: 3 - Research Institutes: 5 	TH
 optonet e.V. www.optonet-jena.de	<ul style="list-style-type: none"> - Optical and laser technologies - Micro- & fiber optics - Measurement techniques & sensor technology 	<ul style="list-style-type: none"> - Companies: 91 - University Hospitals: 1 - Universities: 3 - Research Institutes: 8 	TH

German Federal States Abbreviations

BW Baden-Württemberg	HB Bremen	NI Niedersachsen	SN Saxony
BY Bavaria	HH Hamburg	NRW North Rhine-Westphalia	ST Saxony-Anhalt
BE Berlin	HE Hessen	RP Rheinland-Pfalz	SH Schleswig-Holstein
BB Brandenburg	MV Mecklenburg-Vorpommern	SL Saarland	TH Thuringia

ABOUT US

Germany Trade & Invest is the foreign trade and inward investment agency of the Federal Republic of Germany. The organization advises and supports foreign companies planning to expand into the German market and assists German companies seeking to enter foreign markets.

INVESTMENT LOCATION GERMANY

Germany Trade & Invest provides close-to-market information to international companies looking to enter German markets. Our specialist industry teams prepare all of the relevant information essential to business success in Germany. Germany Trade & Invest's comprehensive range of information services includes:

- Market and industry reports
- Market entry analyses
- Business and tax law information
- Business and labor law information
- Funding and financing information

BUSINESS LOCATION SERVICES

Germany Trade & Invest supports international companies from market entry to business start-up in Germany. Expert project teams advise and assist in the business establishment phase. Germany Trade & Invest's range of free services includes:

- Legal and tax-related project support
- Funding and financing advisory services
- Site visit organization
- Local partner and network matchmaking
- Public and private partner coordination

All investment-related services are provided entirely free of charge. Our specialist industry teams have hands-on experience in their respective industries and treat all investor enquiries with the utmost confidentiality.

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