

PRO SAFE MED

For safe medical devices and procedures
German-Polish cooperation

increase of
patient and
operator
safety

individualized
therapies

better
diagnoses

ICT and
ultrasound
technology

International ZIM cooperation network
(Central Innovation Programme for SMEs)

ProSafeMed

International medical technology network

The ZIM promoted international cooperation network consists of companies and research institutions from different branches and knowledge areas that focus on innovations in the medical devices sector. The players are located in Germany and Poland. The network has the intention to develop transnational technically innovative medical devices as well as treatment methods. In particular through the intelligent exploitation of new opportunities in the field of information and communication technologies (ICT) and ultrasound technology. The new developments should help to enable better diagnoses and individualized therapies as well as reduce side effects and to increase patient and user safety. Keeping in mind the fulfillment of the far-reaching safety standards in the field of medical technology in the research and development process from the very beginning.

ProSafeMed:

Interdisciplinary and transnational cooperation for new technical solutions in the field of medical technology.



Keyfacts about the

network players:



ASSKEA
medical

ASSKEA GmbH has been acting on the market since 2003. Located in the heart of Germany, the company develops and produces high-class medical technology and sells them worldwide. Company's product portfolio of medical aspirator devices is made in Germany. It covers the whole scope from application in hospital to home-based health care. The company sets the benchmark in the field of medical aspiration.

<https://asskea.de/>
Gebesee - Germany



BTM Innovations sp. z o.o. (international coordinator) is a company with the goal to connect technology with the market by providing technology related services. The first group of services is related to the needs of innovative companies, which want to define their strategy around new technologies. The second supports the commercialization of research results from scientific institutions by providing technology transfer management and rising private or public funding.

<http://btminnovations.pl>
Warsaw - Poland



BFMC
BIOFEEDBACK
MOTOR CONTROL
GmbH

BfMC Biofeedback Motor Control GmbH was founded in 1997 in Leipzig. The company concentrates on the development and production of computer-based testing and training equipment for applications in the area of rehabilitation and occupational medicine as well as prevention and vital protection of the musculoskeletal system. BfMC offers the whole product range for all sectors of the musculoskeletal system.

<http://www.bfmc.de>
Leipzig - Germany



Energy - Environmental - Engineering
E₃Tech

E3 Technology Sp. z o.o. was founded in 2008. The experienced team designs and produces measurement systems. The hardware and software is always adapted to the user's requirements. Network and wireless solutions are their specialty. Company slogan: "Measure what is measurable and what is not measurable make measurable"

<http://www.e3tech.pl>
Warsaw - Poland



The Leipzig Research and Transfer Center combines industry, business and municipalities with the scientific and technical potential of the Leipzig University of Applied Sciences (HTWK Leipzig). It acts as the organizational and legal platform for collaborative research and development projects and it is building a bridge between science and practice.

<http://www.ftz-leipzig.de>
Leipzig - Germany



GEPADO - Software Solutions for Genetics - GmbH develops software solutions in the field of medicine. GEPADO Xpro realizes the documentation of patient data, the organization of laboratory processes as well as the communication with third-party systems. It meets the latest software requirements for process support and integration.

<https://gepado.de>
Dresden - Germany



The GAMPT mbH - Company for Applied Medical Physics and Technique offers 20 years of extensive expertise in the field of ultrasonic measurement technology and also designs and implements highly sensitive measurement methods and devices. The company's core ultrasound solutions are equipment for student education, medical devices for air monitoring during open heart surgery and sound field measurement systems.

<http://www.gampt.de>
Merseburg - Germany

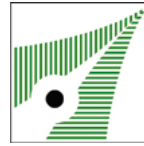


The Innovation Center Computer-Assisted Surgery (ICCAS) is an interdisciplinary research center at the Medical Faculty of the Leipzig University. It is a pioneer in developing computer-aided, integrative technologies and intelligent assistance systems from diagnosis to therapy. ICCAS forms the interface between clinical requirements and the economic implementation of innovative medical products. The main goal is the improvement of therapy methods and work processes to increase patient safety.

<https://www.iccas.de>
Leipzig - Germany



Kunststoff- und Elasttechnik



The medium-sized industrial company KET Kunststoff- und Elasttechnik GmbH acts in the field of polymer processing. They identify themselves as an innovative partner for the development and production of single- and multi-component moldings and gratings made of silicone, plastic and rubber as well as high-quality parts in the field of elastomers. Currently 39 employees work at the site in Radeberg / OT Liegau-Augustusbad.

<https://www.ket-liegau.de>
Radeberg - Germany

MAT PlasMATec Einzelunternehmen is one of the few coating companies in Germany that deals with the surface finishing of medical implants using plasma surface technology. Thus, under vacuum conditions, coatings and surface modifications of a wide variety of materials can be carried out in order to improve their service life or even enable their use.

<http://www.mat-dresden.de>
Dresden - Germany



The company Lutz Berndt Kunststoffverarbeitung und Vertrieb GmbH & Co. KG specializes in the processing of foam in every quality. For 28 years, the family business has been developing and producing spring core and foam mattresses with high standards. The provision of medical facilities with storage aids and medical aids is also a daily business. The salient feature of the company is the individual product adaptation according to the wishes and requirements of the customers in every respect.

<https://www.berndt-schaumstoffe.de>
Schkeuditz / OT Radefeld - Germany



MTZ
CLINICAL
RESEARCH

MTZ Clinical Research Sp. z o.o. -FDA and Polish RA inspected Clinical Research Unit has been conducting Biosimilar, Bioequivalence, Phase I - III studies, testing medicinal products, medical devices and dietary supplements since 2002. The company holds an ISO 9001:2015 Certificate from DAS CERTIFICATION Ltd. accredited by UKAS.

<http://mtz-clinical.pl>
Warsaw - Poland



NRU GmbH combines classic manufacturing processes with new developments in the field of rapid prototyping, such as stereolithography. This enables an effective production of investment castings in small quantities. The company is specialized in the three main business segments investment casting, rapid prototyping and plastic vacuum casting. Their customers come from a variety of industries such as medical technology.

<https://www.nru-gmbh.de/>
Neukirchen - Germany

profi-con[®]
Contamination Control

Founded in 1985, profi-con GmbH has always been a professional service provider for the cleaning of sterile clean rooms in the pharmaceutical industry, gene technology and biotechnology and medical technology as well as the cleaning of dust-free clean rooms in microelectronics, semiconductor technology, optoelectronics, automotive and plastics technology. Company slogan: "Not just clean, truly clean!"

<https://www.profi-con.com>
Leipzig - Germany



The competences and business fields of Orthopädietechnik und Sanitätshaus Helmut Haas include the product line of planning, manufacturing and distribution of almost all orthopedic aids for the restoration of bodily functions according to the latest medical knowledge. The company was founded in 1993 and consists of experienced experts from e.g. orthopedic technicians, orthopedic shoemakers and rehabilitation specialists.

<http://www.haas-hilft.de/>
Borna - Germany

RADEBERGER
REINRAUMTECHNIK

Radeberger Reinraumtechnik GmbH is a specialist in development and production of clean room expansion components. State-of-the-art production facilities guarantee the consistently high quality of the clean room expansion components. Production focuses are e.g. partition wall systems for clean rooms in modular design and transfer lock systems (active, passive).

<http://www.elva-tec.de>
Radeberg - Germany



**SMARTERIALS
TECHNOLOGY**

Smarterials Technology GmbH develops materials for future surgical gloves. Based on latex-particle-composites, the gloves will integrate a perforation indicator. A double-barrier system provides the best possible protection against contamination with potentially infectious body fluids. A modified process allows production of the gloves with thin layers. Altogether, the technology enables a new choice for physicians: increased safety and best tactile feedback.

<http://www.smarterials.berlin>
Berlin - Germany



sonovum

With their new Acoustocerebrography (ACG) technology for the first time the Sonovum AG is able to permanently and repeatedly display states and processes that take place in our heads, completely risk-free. In case of a stroke, sepsis or other neurological complications, these movement patterns change in distinctive ways. The ACG devices can recognise these patterns and make the changes heard. Innovation made in Saxony.

<https://www.sonovum.de/>
Leipzig - Germany

Sonomed

Sonomed Sp. z o.o. [Ltd.] is a technology development company which produces non-invasive ultrasound medical devices and provides ultrasound processing ideas for industrial NDT applications. The company helps from research and development stages, through pilot trials to full scale operation at a commercial level. Sonomed is certified according to ISO 13485.

<https://sonomed.com.pl>
Warsaw - Poland



**TECHNISCHE
UNIVERSITÄT
DRESDEN**

The Institute of Manufacturing Science and Engineering at the Technische Universität Dresden (Technical University Dresden) is formed by the merger of six professors, who work in different fields of production technology. In the department of production automation, cutting and removing technique employees research and work in selected areas such as e.g. rapid product development, NC technology / simulation and manufacturing processes, high-performance tools and innovative manufacturing processes.

<https://tu-dresden.de>
Dresden - Germany

Fachhochschule
Münster University of
Applied Sciences



The Laboratory for Biomechanics was founded in 2005 at the FH Münster. The focus of the work is the analysis of the interaction between tool and user. The analysis includes a wide range of biomechanics such as kinematic and kinetic motion and load analyzes as well as muscle activity measurements. In addition, they also try to solve metrological problems in the field of biomechanics.

<https://www.fh-muenster.de>
Steinfurt - Germany



VivoSensMedical

Individual diagnostics
for better therapies

VivoSensMedical GmbH develops low-effort, high-precision methods for individualized medical diagnostics based on medical algorithms enabling better therapies with lower costs and less side-effects. With OvulaRing they have successfully introduced their first product in the indication of women's health. The product enables profound medical cycle diagnostics for more successful fertility treatments or safe natural contraception.

<https://www.vivosensmedical.com/>
Leipzig - Germany



Are you looking for partners that can turn your new ideas into reality?

We should get to know each other!
Please contact us:

www.prosafemed.com



Network Management

AGIL GmbH Leipzig
agentur für innovationsförderung
und technologietransfer gmbh Leipzig

An agency for the promotion of innovative activities and the support of technology transfer between mainly Saxon SMEs and European enterprises.

Contact details:

Phone: +49 (0)341 268 266-0
E-Mail: agil@agil-leipzig.de
Web: www.agil-leipzig.de

04109 Leipzig
Germany

Supported by:



Federal Ministry
for Economic Affairs
and Energy

on the basis of a decision
by the German Bundestag

10/2018