



2024

Highlights & Insights

Content

- 03 Foreword
- 04 Shareholders
- 06 Success Stories
- 18 New Members
- 22 Facts & Figures
- 25 Internationalisation
- 28 Big Events
- 30 Wow News from EU Projects
- 32 Enabling Transformation:
and Action!
- 34 12 Months, Countless Memories

Legal notice

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QR Code
You can also find
the 'Highlights and
Insights 2024' online
on our website!



2024: A Year of Growth, Innovation, and Impact

The year 2024 was remarkable in many ways.

It was remarkably dynamic: We were involved in an impressive 121 events — whether as organizers, co-hosts, sponsors, speakers, or supporters. This means that, on average, we contributed to more than two events per week! Our commitment to internationalization led to eight successful incoming missions, and we enabled 1,400 B2B meetings at key events such as the HealthTechHub Styria, Biotech Summit, and Austrian Life Science Day.

2024 was also a year of remarkable impact: We directly reached 4,800 people through our events, helping to connect minds, share knowledge, and create new business opportunities. Additionally, we facilitated the distribution of €300,000 in European funding to strengthen innovation within our network.

And finally, 2024 was an extraordinary success: Our cluster has grown to a record 152 members, representing a diverse range of industries—from MedTech and Biotech to Digitalization and Consulting. We are particularly proud to see the continued strength of our research-driven community, with around 1,300 research projects shaping the future of health technologies.

Styria continues to shine as Austria's leading region for research and development, boasting an impressive R&D intensity of 5.17%—one of the highest in Europe. This year, Graz was also recognized as one of the „Best Cities in Europe for Business“ by Fortune magazine, reinforcing our region's reputation as a hub of excellence.

We are deeply grateful for the trust and engagement of our members, partners, and supporters. Your passion and dedication drive us forward, and we look forward to shaping the future of life sciences together.

Here's to another year of success and collaboration!

With warm regards,
Lejla Pock

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CANCOM

CANCOM Austria AG

Reinhold Wurzinger | Vice President Sales

"With our digital solutions for the smart health and social care sector, we optimize administrative processes to relieve the burden on healthcare staff. This also improves the quality of treatment because there is more time for the patient. We also ensure greater security in patient rooms, as we meet the highest security requirements with our own Cyber Defense Center. As part of the CANCOM Group and a member and shareholder of the Human.technology Styria Cluster, we have made a clear commitment to bringing all topics relating to IT and data security in the cluster and in the DACH region. Together, we want to drive forward digitalization in the healthcare sector with innovative solutions and are convinced that this is very possible with this cooperation."



Foto: photoworkers

PAYER International Technologies GmbH

DI Harald Riedlhuber

General Manager Global Production Region Europe
„The PAYER Group's collaboration with the HTS Cluster Styria offers us valuable benefits as a company: Access to a strong network of leading technology partners promotes innovation and the exchange of knowledge. This year, we were able to successfully organize an event at our location in Hungary with the HTS and partner companies, which further strengthens our joint progress and our international network.“



Foto: Oliver Wolf

PAYER

ZETA GmbH

Andreas Marchler | Managing Director

"Our partner HTS makes significant contributions to the Styrian biotech and pharmaceutical industry, e.g. through training programs and delegation trips. HTS & ZETA are a successful team! Together, we are driving growth and strengthening Styria as a business location by supporting companies with customized training in plant engineering. A milestone: The establishment of the BIOTECH SUMMIT AUSTRIA as a major industry event."



Foto: ZETA



JOANNEUM RESEARCH

DI Dr. Heinz Mayer | Managing Director

"As a founding member, we were involved in the 20th anniversary of the Human.technology Styria Cluster this summer. The many challenges we face show how important it is to create joint solutions that guarantee future-proof healthcare. The HTS Cluster plays a key role in this. The promotion of incoming missions provides an essential instrument for driving forward the networking of science and industry. This allows new technologies and approaches to be developed."



Foto: Salomon Deluxe



Foto: Med Uni Graz

Medical University of Graz

Univ.-Prof. Dr. Christian Enzinger, MBA

Vice Rector of Research and International Affairs

"Med Uni Graz stands for innovative research and international networking. The Human Technology Styria Cluster as an important hub for partners from MedTech and pharma strengthens our interdisciplinary collaboration and utilizes the opportunities and great potential of the location. This creates synergies and innovations that shape the medicine of the future and international visibility."



Mag. Christoph Ludwig | Managing Director
"Life Sciences are among the top assets of our business location. Many Styrian companies are world leaders. The spectrum of business models ranges from Ki-based high-tech devices to the development of highly efficient medical procedures. The breeding ground for this impressive growth is created by strong players such as the HTS cluster, the COM-ET and other research centers as well as the Styrian MedUni. We are proud to be leading the development in the state as a strategist and as an active partner."

SFG



Foto: Oliver Wolf



Foto: Christian Jungwirth

VTU Top GmbH

Matthias Steinbrink | CFO

"Together with our life sciences partners, we are already setting the standards for the process plants of tomorrow in line with our slogan "Tomorrow: Today". In 2024, we were able to raise our projects to a new level with sustainable solutions and innovative strategies. With the Human Technology Cluster as a strong partner, we remain committed to combining economic, ecological and social responsibility with future-oriented action."



Dr. Uta-Maria Ohndorf | General Manager
"To fulfil our mission for more healthy life years in Austria, innovative partners are essential. The cluster comprises over 150 companies focusing on the future of the human technology sector, including using AI, pushing health innovations the same way we do it. The cluster connects and ensures the exchange of future oriented ideas & expertise. To create innovative health perspectives and strengthen prevention."

Roche Diagnostics Austria



Foto: Roche

Foto: Neuroth/Kanizaj



Neuroth

Ing. Lukas Schinko | CEO

"Our sense of hearing is the basis for communication, interaction and exchange. And that is also why the HTS cluster exists. Hearing connects - it was for a reason that Emanuel Kant once said: 'Not seeing separates people from things. Not hearing separates people from people.' For us as a leading hearing acoustics company, the Human Technology Cluster is very important because it brings together people and expertise in the health and life sciences sector. Together we can achieve a lot!"



Success Stories

- a year full of highlights

Last year was a year of growth, innovation and international networking. We look back on our successes with pride and share some of our highlights here:

1

Our network is growing

15 new members from different sectors have joined us. With 152 members now, including 8 start-ups, we are building a strong community. We have initiated and supported numerous new B2B collaborations: our network thrives on exchange and cooperation.

2

Cooperation award launched

The Claus Cooperation Award emphasises our successful networking and cooperation in the cluster.

3

Tapping into new markets

Whether at Arab Health in the UAE or the Global Health Conference in KSA - we have explored the GCC region and established new international partnerships. The foundation for the markets of the future has been laid.

4

Bringing international partners to Styria

Numerous incoming missions and the first meeting of the Alps-Adriatic Life Science partners at HTH24 confirm our role as a knowledge and innovation partner.

5

Bringing Austria to Styria

Events such as the „Austrian Life Science Day“, the ABA Federal Provinces Meeting and the „Investor Lounge“ put Graz and Styria in the spotlight as an important life science location.

6

Future topics established in Styria

The „Austrian Life Science Day“ on the topic of „Health Care Data“ was central to the Austria-wide discussion. „Health Care Data“, „Precision Medicine“ and „Microbiome“ are now firmly established focal points in our cluster strategy.

7

Sustainability as a new competitive factor

Sustainability is becoming increasingly important in the life science industry - and we are at the forefront.

8

New EU projects won

Our participation in international innovation projects consolidates our position in the life science sector.

9

Cluster member satisfaction remains consistently high

Our commitment and quality are reflected in the positive feedback from our members. We received an overall score of 1.37 in the satisfaction feedback.

10

our team shows its strength

Together we have achieved great things and accomplished outstanding results.



© Team: Oliver Wolf | others: HTS



TIGER PAVES THE
PATH TO MARKET
LAUNCH

Empowering Alpine eHealth innovators with expert services

LEARN MORE



11

Our events set standards

With impressive participant numbers and high-quality formats, we have once again set the bar high. The 2nd Biotech Summit Austria 2024 was sold out, demonstrating the relevance it has already achieved for the industry and the high status of the event.

12

Look behind the scenes

Innovation „made in Styria“ became tangible: the „Infineon Life Science Day“, „Digital Dialogue“ on digitalisation in the clinic and the „Future Day“ provided inspiring insights.

13

Milestone reached

By the middle of the year, we were delighted to reach 3,000 followers on our LinkedIn account.

14

Our community magazine on the road to success

More and more readers are picking it up - and want to be in it! Our magazine „botenstoff“ has established itself as an important communication medium for the life science community.

Anniversary celebrated in all its glory

The response to our 20th birthday was enormous - our anniversary was widely publicised and covered by the media. With these successes, we are optimistic about the future and look forward to another year full of innovation, cooperation and growth!

15



© Oliver Wolf

Success Stories

- highlights from the cluster community



Uni Graz

Research for healthy aging

Six researchers from the Field of Excellence „BioHealth“ at the University of Graz, together with colleagues from the Medical Universities of Graz and Vienna, have acquired an FWF-funded „Cluster of Excellence“. The newly formed centre of excellence under the leadership of the University of Graz aims to gain a better understanding of healthy aging. The findings will flow directly into clinical research. The Austrian Science Fund FWF is providing around 18 million euros. With an own contribution of around 12 million euros, a total volume of 30 million euros will be invested in the „MetAGE“ Cluster of Excellence over the next five years.

Foto v.l.: Brigitte Pertschy, Thomas Pieber, Frank Madeo, Thomas Scherer, Martina Schweiger
© FWF/Daniel Novotny | RCPE

MED TECH
PHARMA BIOTECH
HEALTH & SUSTAINABILITY
DIGITALIZATION
RESEARCH & EDUCATION
CONSULTING & SERVICE



Aurox

TEMPRASTONES: Vital appearance in seconds thanks to innovation from Graz

The innovative beauty tool TEMPRASTONES was launched in December 2024 and immediately won the prestigious European Product Design Award. Invitations, such as to the Wellness & Longevity Award in Miami or from international eye serum manufacturers, underline the demand for this innovative device for a fresher and firmer eye area. The portable award-winning skincare product is now available to order at www.temprastones.com.

© Aurox GmbH



BNN

BNN and JOANNEUM RESEARCH Offer Strategic Regulatory Consultation Support for the Development of Pharmaceuticals and Medical Devices

Applying the right regulatory requirements when developing pharmaceuticals and medical devices is a significant challenge in the pharmaceutical sector in Europe, especially for young companies and SMEs. BNN and JOANNEUM RESEARCH have joined forces to offer support covering the guidance and advice on regulatory matters for the development of pharmaceuticals, nanomedicines, in vitro diagnostics (IVDs), and medical devices, including Software as a Medical Device (SaMD), focusing on providing tailored solutions to companies at various stages of the product development.

© BNN

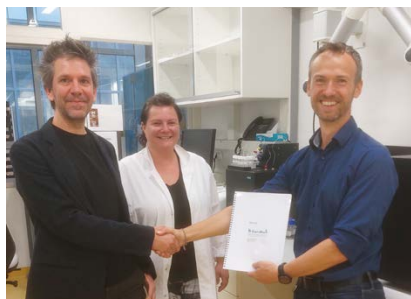


BRAVE Analytics

Immersed in particle sizing and Raman analysis

Where there is a particle, there is a BRAVE way of particle analysis! 2024 was a busy year in the BRAVE lab, with analysis of particle counts and size, particle concentration and Raman identification on diverse samples such as microplastics in wastewater and human samples, lipoproteins, nanoemulsions for par- enteral nutrition, polymers during the emulsification process, rock and soil samples, particles found enclosed in polar ice and silicon carbide nanoparticles, to mention just a few.

© BRAVE Analytics



BRAVE Analytics

Research into nuclear transport and RNA biogenesis

BRAVE Analytics celebrates the official handover of the first BRAVE benchtop particle analyzer to Prof. Tobias Madl at the Medical University Graz. The results will contribute to research into the signal transduction pathways involved in cell development, ageing, nuclear transport and RNA biogenesis.

© BRAVE Analytics

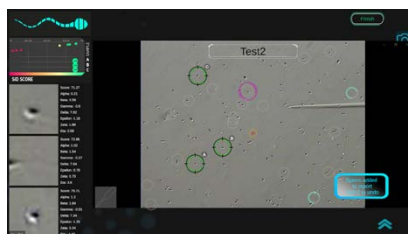


CANCOM Austria

Safe medication in hospital

Every year, thousands of people worldwide die in hospital due to medication errors. The mostly manual administration process on the wards harbors risks at several points, such as mix-ups and incorrect dosages. CANCOM Austria and the Medical University of Graz are therefore developing an AI-supported system with which medication can be cross-checked with the doctor's prescription. The product is already being evaluated with selected test subjects and will make it possible to implement a complete closed-loop medication process in the future.

© CANCOM Austria



Das Kinderwunsch Institut Schenk GmbH

Male fertility redefined: Success through AI and probiotics:

Kinderwunsch Institut Schenk GmbH is revolutionizing the treatment of male fertility. The use of artificial intelligence in sperm selection makes it possible to precisely identify the best sperm and thus significantly increase the success rates of IVF treatments. At the same time, research with probiotics significantly improves sperm quality: sperm motility and concentration increase considerably. With these innovations, the institute offers couples new hope for a successful pregnancy and sets standards in reproductive medicine.

© IVF 2.0 LTD



FH JOANNEUM

Josef Ressel Center opened

„The Josef Ressel Center for Time Series Based Failure Prediction and Prevention is developing a data-based model to predict and subsequently prevent malfunctions and failures of machines and test equipment. The research center, which is supported by the Christian Doppler Research Association and the Federal Ministry of Labor and Economics (BMAW), was officially opened on 31 January 2024. Corporate partners are AVL DiTEST and voestalpine Tubulars.

www.fh-joanneum.at/presse

© FH JOANNEUM / Terler



FH JOANNEUM

On the trail of chronic fatigue

„FH JOANNEUM is leading the research project “Endothelial dysfunction in chronic fatigue syndromes”, which was launched in 2024. Together with the Medical University of Vienna, Charité - Universitätsmedizin Berlin and Warsaw University of Technology, the project is investigating the role that a thin layer of cells lining the inside of blood vessels could play in the development of chronic fatigue syndromes. Further information: www.fh-joanneum.at/presse

© FH JOANNEUM / Hasler



GERIATRISCHES GESUNDHEITS-ZENTRUM-GGZ

The Albert Schweitzer Institute celebrates its 10th anniversary.

Ten years of innovation, progress, and partnerships for better living environments for older adults: The Albert Schweitzer Institute for Geriatrics and Gerontology was established in 2014 as the research and development department of the Geriatric Health Centers of the City of Graz. Since then, it has been dedicated to applied research in digital health, dementia and as well as health promotion and prevention. The team develops innovative solutions for older adults, informal caregivers, and health professionals, creating support services based on scientific findings.

© Foto Fischer



AAL showroom on tour through Weiz

Our AAL showroom of the House Esther is going mobile! As part of the project “Leichter leben Raum on Tour”, which is supported by the Rotary Club Weiz, a bus with AAL technologies has been travelling through the district of Weiz since October 2024. At events and consultation hours, older people, their relatives and interested parties are given the opportunity to find out about technologies and assistance systems and to try them out. The aim is to reduce information deficits and inhibitions and to promote an independent life through the use of AAL technologies.

© Kevin Lagler

INOSOLVE

INOSOLVE receives ISO 9001 certification as a GxP service provider

INOSOLVE, a leading provider of GxP compliance services, has successfully completed ISO 9001 certification for its quality management system. The internationally recognized standard certifies the high quality and efficiency of the internal processes as well as the consistent focus on customer satisfaction. As an experienced partner for pharmaceutical and life science companies, INOSOLVE strengthens its position in the market with this certification and sets new standards for quality and reliability. With the strategic repositioning, INOSOLVE will focus on three central pillars in future: On Demand, Task Force and Outsourcing. By providing highly qualified experts on demand, rapid support in crisis situations and taking over entire business processes, INOSOLVE offers tailor-made solutions for the complex requirements of its customers. This structure makes it possible to react even more flexibly to market requirements and ensure the long-term success of its partners. As part of the repositioning, INOSOLVE's website was also redesigned: www.inosolve.com”



INSTITUT ALLERGOSAN PHARMA GMBH

Award from the Republic of Austria for Anita Frauwallner

The Republic of Austria has honoured Anita Frauwallner, founder and director of Institut AllergoSan, with a special award. She has been awarded a Professorship for her decades of exceptional commitment to intestinal health - a milestone in her impressive career. With her visionary work and the successful OMNi-BiOTiC® brand, Prof. Frauwallner not only sets new scientific standards, but also helps millions of people to achieve a better quality of life.

© Land Steiermark / Foto Fischer



Institut AllergoSan goes Asia: Partnership with Zuellig Pharma

Institut AllergoSan has entered a 10-year partnership with Zuellig Pharma, a leading provider of healthcare solutions in Asia. Together, the partners are now setting new standards to introduce the award-winning probiotics brand OMNi-BiOTiC® to key markets in Asia. The aim is to help people in Asia achieve a healthier, more vital self - with medically relevant probiotics developed for specific indications, delivering clinically proven results.

© Zuellig Pharma | Institut AllergoSan

MED UNI GRAZ

Cycuria - Innovative drug development in Graz

The start-up Cycuria was founded at Medical Science City Graz and is breaking new ground in drug development. With the support of the Medical University of Graz, Cycuria is developing innovative immunologically targeted therapies that will benefit patients worldwide. Close networking between the university hospital and research ensures that the development of new drugs is efficient and collaborative - an example of Graz's leading role in the field of life sciences.



JOANNEUM RESEARCH/ Med Uni Graz
N!CA – Care Can Be Revolutionized

One of the major challenges facing our healthcare systems is the "nursing staff shortage." There is no simple or quick solution to this issue. In a project led by Meduni Graz, JOANNEUM RESEARCH HEALTH, and other partners from business and academia, traditional processes and structures are being reorganised to relieve the burden on nursing staff—partly through digital support. The project launched in 2024, and initial results already indicate that nursing practices can indeed be revolutionized. This is crucial because, at present, two out of an eight-hour workday are spent on documentation—time that is then missing for patient care.

© Joanneum Research



KNOW CENTER RESEARCH GMBH
Trustworthy AI for the medicine of the future

Artificial intelligence plays a central role in the digital transformation of the healthcare sector. Together with the University of Graz, Graz University of Technology and SGS, the Know Center has carried out the research project "Establishing and Evaluating Trustworthy AI". A publication resulting from the project defines six essential criteria for safe, fair and transparent AI - crucial for applications in sensitive domains such as medicine. The results, published in Frontiers in AI and Big Data, contribute to making trustworthy AI usable for more efficient and patient-centered healthcare. Link to the Paper: <https://www.frontiersin.org/journals/big-data/articles/10.3389/fdata.2024.1467222/full>

Author: Dominik Kowald © Know Center



LANBIOTIC

Outstanding first year on the market

2024 was an exceptional year for Lanbiotic: sales in the first year on the market significantly exceeded expectations and the expansion into Germany marked the start of international scaling. The launch of new innovative products such as Flora Bath and Flora Sun drove the diversification of the portfolio. Lanbiotic also consolidated its position as a pioneer in the field of probiotic skin care with accreditation for specialist training by the Austrian Chamber of Pharmacists - a strong foundation for further growth and market leadership.

© Lanbiotic



LEBENSGROSS

LebensGroß among the 100 most innovative companies in Austria

To determine the most innovative companies in Austria, the magazine Trend and the statistics portal Statista, among other methods, conducted 9,000 surveys with innovation experts. Position 62 for the Styrian social organization LebensGroß shows that innovation is not a question of company size, but of creative solutions, commitment and strong collaboration. "For us, innovation means more than just developing new technologies. We want to create real change that helps people," says innovation manager Sabine Ettema.

© LebensGroß. v.l. GF Susanne Maurer-Aldrian, Valentin Windhaber, Kerstin Rudolf, Sabine Ettema



LEBENSGROSS

„Zeit mit dir“: the first inclusive platform for dating and friendships

Classic dating portals are not accessible to everyone. Some of them are too complicated for people with disabilities to use, while others explicitly exclude them. Therefore, in 2024 LebensGroß launched www.zeitmitdir.at – the inclusive platform for everyone looking for friends or romantic partners - with as few entry- and usability-barriers as possible. The service was created at the suggestion of the self-representation of people with disabilities at LebensGroß.

© LebensGroß/Rabel; v. l.: Christian Knapp, Valentin Windhaber, Susanne Maurer-Aldrian



TOPPAN DIGITAL LANGUAGE

Success through advanced technology and expertise.

TOPPAN Digital Language GmbH is recognised as the industry leader for high-quality translation solutions in the DACH region, specialising in highly regulated content in the life sciences, engineering and software sectors. Utilising the latest developments in AI and automation, we support clients with high-risk content looking to expand their global reach. In addition, various ISO certifications (e.g. ISO 13485) ensure that every translation meets strict industry requirements.

© Rene Knabl

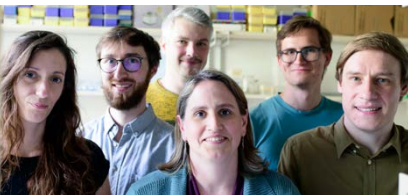


JOANNEUM RESEARCH/ Evomedis

Milestone in the Treatment of Severe Burns

The start-up EVOMEDIS, in close collaboration with JOANNEUM RESEARCH COREMED and other institutions, is developing a novel cell therapy, EVOCellic, for the treatment of severe burns. EVOMEDIS has received Orphan Drug Designation from the European Medicines Agency (EMA). This represents a major milestone, as it enables an accelerated approval process and limited market exclusivity. The Orphan Drug Designation supports the development of medicines for people suffering from rare, life-threatening diseases.

© Evomedis

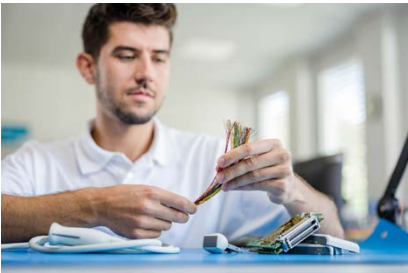


Uni Graz

Bacteria in chain mail

Lactobacilli play an important role in the gut, but also in the microbiome of mucous membranes in other regions of our body. Researchers in Tea Pavkov-Keller's working group at the Department of Molecular Biosciences at the University of Graz have now succeeded for the first time in elucidating the three-dimensional structure of the protein layer on the surface of lactobacilli. It protects the bacteria like chain mail against external attacks. This knowledge opens up new possibilities for the treatment of intestinal diseases and for better drug delivery systems.

© Uni Graz/Tzivanopoulos | v.l.: Nina Gubensäk, Christoph Grininger, Theo Sagmeister, Tea Pavkov-Keller, Lukas Petrowitsch, Christoph Buhlheller



MIDES HEALTHCARE TECHNOLOGY

MIDES IS MORE - sustainability and efficiency combined

With our innovative store & repair tool, we enable clinics to request repairs digitally around the clock - saving costs and conserving resources. Not only does a repair offer great opportunities for cost savings, but with the MIDES Green Deal and the model of a sustainable circular economy, it also saves resources and electronic waste.

© MIDES



MINDCONSOLE

Technology for mental strength: XRes4HEALTH supports healthcare professionals

In collaboration with the Medical University of Graz, XRConsole has developed an extended reality (XR) application that supports healthcare professionals with innovative resilience training. This scientifically validated solution can be seamlessly integrated into everyday working life and helps to manage stress. Short, practical XR exercises enable sustainable strengthening of mental health - for less burnout and greater job satisfaction.

© Mindconsole



MINDCONSOLE

XR2esilience: Strengthening mental resilience for nursing staff with XR

The healthcare system is in crisis - nursing staff are under immense pressure, which is putting their mental health at risk. Now the EU-funded project XR2esilience is starting! With XRConsole as one of 12 partners, it uses Extended Reality (XR) to strengthen resilience. Studies analyze resilience factors and barriers, from which we derive an evidence-based XR application that offers individual training and promotes a supportive work environment.

© Mindconsole



NEUROTH

Neuroth launches its first own exclusive brand

With Viennatone we are setting a loud exclamation mark – not only in the hearing acoustics sector. It is our first exclusive own brand that we at Neuroth have launched on the market,” says CEO Lukas Schinko. The advantage: the Bluetooth-enabled rechargeable hearing solutions with three possible upgrade levels can be activated as required. Neuroth is thus taking a further step from a classic hearing aid to a smart lifestyle object. The aim of Viennatone is to empower people to experience their hearing solution not as a flaw, but as an enrichment and lifestyle accessory.

© Neuroth



NEUROTH

Neuroth expansion with Hearing Power

The signs are pointing to expansion: Neuroth, a hearing acoustics company that is successful throughout Europe, systematically continued its growth strategy in the past 2023/24 financial year, expanding in south-eastern Europe and Switzerland. In particular, the market position in Switzerland was further strengthened with the acquisition of the hearing acoustics and optical chain Misenso. “Switzerland was our first foreign location and is our second-largest market after Austria with over 80 hearing centers,” says Neuroth CEO Lukas Schinko.

© Migros/Misenso



PH PREDICTING HEALTH

Predicting Health Wins Prestigious iCARE Award 2024

Predicting Health has been honored with the iCARE Award 2024, an initiative by Servier to recognize groundbreaking digital innovations in nursing care. The award highlights solutions that enhance efficiency and improve patient outcomes in an increasingly demanding healthcare environment. Winning this award places Predicting Health among the top innovators driving the digital transformation of healthcare, reinforcing our commitment to empowering medical professionals with cutting-edge technology.

© Stefan Schubert



PH PREDICTING HEALTH

Predicting Health Wins the WSA Award in the Health Category

The World Summit Awards (WSA) recognize the most innovative digital solutions worldwide that contribute to the UN Sustainable Development Goals (SDGs). With submissions from over 180 countries, the awards celebrate impactful technologies that drive social change and improve lives. Winning in the Health category highlights the role of AI-driven solutions in advancing patient care and healthcare efficiency. This recognition places Predicting Health among leading innovators shaping the future of digital health.

© kiri conntento



ZETA

Dynamic growth: ZETA expands Werndorf site

ZETA has significantly expanded its facility in Werndorf near Graz. The impressive production area has grown to 7500 m², doubling the production capacity. Currently more than 200 employees are working on flagship projects for the pharmaceutical and biotech industry. This dynamic growth significantly strengthens the economic position of Styria.

© ZETA_Werndorf



RCPE

RCPE drives sustainable pharmaceutical production forward

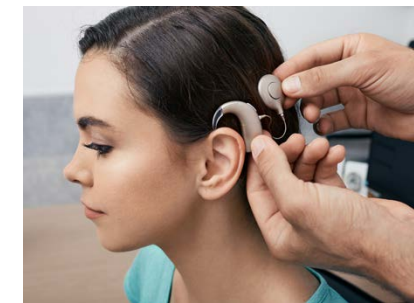
The Research Center Pharmaceutical Engineering (RCPE) is setting new standards in pharmaceutical research with a focus on sustainability. As part of the PHARMECO initiative, the RCPE optimizes production processes according to sustainable-by-design principles. The aim is to reduce greenhouse gases by 50% and solvent consumption by 30%. Through innovative synthesis platforms and close cooperation with industry and research, RCPE strengthens the competitiveness of the industry and supports the EU Green Deal. More under: rcpe.at/comet-zentrum/pharmeco

© RCPE

RCPE

Twin4Pharma: Digital transformation in pharmaceutical development

The Twin4Pharma initiative, led by the RCPE, is driving the digital and sustainable further development of pharmaceutical development. With 18 partners and 3.75 million euros in funding, it optimizes processes using AI-supported modelling and predictive analytics. This reduces costs, shortens development times and strengthens supply chains. Advances in computer-aided process optimization for small molecules and biologics increase scalability, stability and efficiency - for sustainable drug production. Find more: rcpe.at/twin4pharma



SANLAS HOLDING

Cochlear implant hearing rehabilitation at Privatklinik Laßnitzhöhe

In cooperation with the ENT University Clinic Graz, Privatklinik Laßnitzhöhe offers a specialized hearing rehabilitation programme for adults after cochlear implantation. The interdisciplinary team of neurologists, ENT doctors, speech therapists, psychologists and music therapists offers individual care. The concept includes speech therapy, music therapy and psychological support, takes into account co-morbidities and promotes quality of life. Rehabilitation ideally begins 12-24 months after implantation and is aimed at a return to social and professional life.

© shutterstock



SIMVANTAGE

Scaler-Tool: Simulation instead of trial & error - rethinking scale-up

Scaling bioprocesses is often a risky experiment. But in 2024, SimVantage reached a major milestone: the successful completion of its new Scaler-Tool! Using physics-based simulations, it enables precise predictions of scale-up and scale-down processes - without lengthy lab trials. This saves companies valuable time and resources. The official launch is set for 2025 - the future of bioprocess scaling starts now!

© Schneebeuer-Photography



ZETA

ZETA & INOSIM: Partnership for Industry 4.0 success

INOSIM simulation software specializes in solutions for the optimization of production processes. Used in industries such as pharmaceuticals, life sciences and biotechnology, INOSIM Software GmbH's customers include Bayer, Roche, BASF and Sanofi. The acquisition of a majority stake by ZETA and the bundling of the two companies' expertise will enable a fully digital, integrated engineering and operations workflow. Simulation is used in every phase of the process. Successful projects show: Efficiency is increased, CAPEX and OPEX are reduced. www.inosim.de

© ZETA



SMB

From Planning to Production: SMB's Success with VetViva

SMB was instrumental in outfitting the state-of-the-art production facility of VetViva Richter GmbH in Wels. Their scope of services encompassed the installation of advanced process systems, all process-critical media infrastructures, comprehensive process automation, and meticulous GMP-compliant documentation. Furthermore, SMB provided support in the realms of strategic planning, system qualification, and the seamless initiation of production operations. This project serves as yet another testament to SMB's expertise in executing intricate engineering and automation ventures.

Project Leader Stefan Holzer (middle) with 2 colleagues. © VetViva Richter GmbH

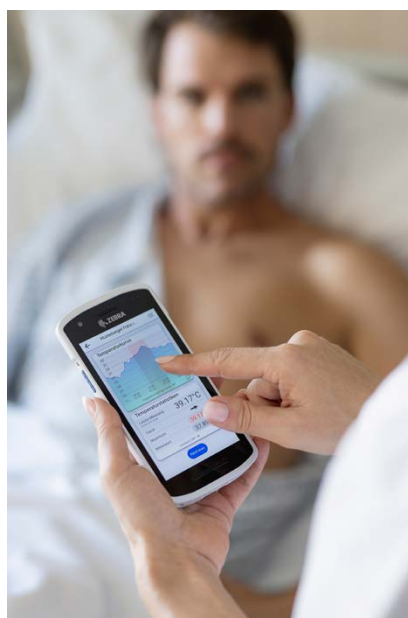


VTU

VTU among the Best Employers in Austria

At the „All Stars Night“ of „Great Place to Work Austria,“ the 50 best employers in Austria for 2024 were honored, with VTU securing 7th place in the XL category. The award is based on various factors such as employee satisfaction, trust, and corporate culture, which are also measured internationally through surveys and evaluations.

© VTU



STEADYSENSE GMBH

SteadyTemp®: Innovation in temperature measurement - clinical benefits confirmed

The innovative SteadyTemp® temperature measurement system from SteadySense, an intelligent patch for continuous temperature monitoring, has been successfully tested in a clinical study at the Department of Surgery at MedUni Graz. The results show that SteadyTemp® detects fever three times more frequently and significantly earlier than traditional methods. This enables early diagnosis of post-operative infections and offers significant added value for hospitals, patients and medical staff.

© KANIŽAJ photography

STEIERMÄRKISCHE SPARKASSE

From the idea to a successful start-up“

Steiermärkische Sparkasse's Start-up Center has been supporting founders for over 20 years, from business idea to successful company. It advises on issues relating to financing, subsidies, financial and business plans, the form of the company and commercial and tax law. Elisa Böhm and Johannes Smolle have created a real innovation in dental care with their product manadental. As one of the successfully supported start-ups, they are revolutionizing oral hygiene with their unique two-stage system of rinsing solution and dental light. The scientifically proven advantage: in less than four weeks, the system already significantly improves gum health - by an impressive 49.4%. The success proves the innovation right. Over 10,000 sets of the products manufactured in Graz city center have already been sold. #glaubandich



VTU

New Managing Director at VTU Design Solutions

VTU Austria Managing Director Thomas Miklautsch has also taken over the management of VTU Design Solutions in 2024. He has over 20 years of experience in the VTU Group, where he has held various functions and leadership positions. VTU Design Solutions offers state-of-the-art 3D planning combined with comprehensive detailed knowledge from piping and plant construction practice.

© VTU



TELBIOMED

HerzMobil as a national telemedical care program for heart failure

„HerzMobil is a telemedical disease management program for patients with heart failure, which was developed by AIT Austrian Institute of Technology GmbH and is operated by telbiomed. HerzMobil is currently being implemented in Tyrol (2012), Styria (2019) and Carinthia (2022). Since 2024, the federal states of Lower Austria and Salzburg have also started. More than 2,000 patients have been treated with the care program HerzMobil in the last three years. With the available results from medical and health economic studies and the connectivity to ELGA, HerzMobil represents the basis for an Austria-wide care program for patients with heart failure and for further potentially innovative care programs.

© telbiomed

LORENZ CONSULT

We can look back on a successful 2024

For 2025, we are planning not only the continuation of exciting projects, but also strategic expansions - such as a new location in Germany and the expansion of our office in Vienna. The cohesion of our employees and learning as a team are our success. Looking ahead to 2025, we are optimistic that we will continue to expand our position and implement many innovative projects.



TU GRAZ

ERC Synergy Grant for biomechanical heart research

Graz University of Technology (TU Graz), together with the Helmholtz Center Hereon and ETH Zurich, has received an ERC Synergy Grant of 10 million euros, of which 4.2 million euros will go to the Institute of Biomechanics at TU Graz under the direction of Gerhard A. Holzapfel. In the „MechVivo“ project, the international research team is developing experimental and AI-based methods to investigate the relationship between gene expression, microstructure and mechanical properties of soft biological tissue. The aim is to develop an imaging method for the non-invasive examination of tissue microstructure in order to improve the diagnosis and treatment of heart disease.

© Lunghammer | TU Graz

ACIB

Sustainable production at esib 2024

For the 5th time, acib hosted the European Summit of Industrial Biotechnology (esib) in Graz. More than 530 visitors from 31 countries discussed biotechnology trends and were inspired by international key notes on sustainable production. In addition to biopharma and bioeconomy topics, the focus this time was also on the application of AI in biotechnology. There were also interactive workshop formats and a diverse exhibitor area, which included a dedicated HTS Start-up Corner. The next esib edition is planned for 2026.



TU GRAZ

Excellence cluster with TU Graz participation

The Austrian Science Fund (FWF) is funding the joint project „Circular Bioengineering“ with 16 million euros. Researchers from five universities, including Graz University of Technology (TU Graz), are developing environmentally friendly methods for the production of bio-based chemicals and materials. The aim is to decouple economic growth from resource consumption and establish a sustainable bioeconomy. The Cluster of Excellence is headed by the University of Natural Resources and Life Sciences, Vienna (BOKU); in addition to Graz University of Technology, the University of Vienna, Vienna University of Technology and the University of Graz are also involved.

© FWF Daniel Novotny

New Members



Ambicura

Ambicura GmbH

Getting older means change, physically, cognitively and health-wise. Personal autonomy increasingly determines the quality of life. Ambicura strengthens the autonomy of seniors by promoting self-determination and through digital inclusion. In the areas of health, care, treatment, and communication, Ambicura uses a unique combination of hardware and software to ensure that complex digital services are delivered directly to seniors' homes and that they can be used easily, with low thresholds, and without the support of third parties. In addition, Ambicura is a platform for cost-efficient, simple, and direct distribution for digital service providers in these areas and supports the increase in the customer base. Ambicura stands for a long, self-determined life in your own home.

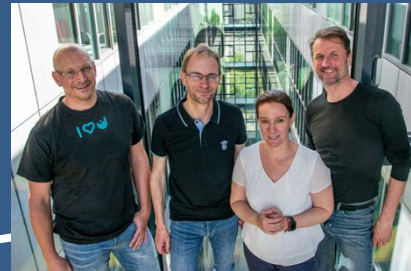
© JMK
CTO Dr. Jürgen Mirandola-Morak;
CEO Mag. Juergen Morak-Kohl



Genericon Pharma GmbH

Since its founding in 1986, Genericon has specialized in the development, production and distribution of high-quality generics using state-of-the-art galenics. For over 35 years, Genericon has been making tried and tested things even better through repetition. This creates security and enables health for everyone. The wide product range includes, among other things, the areas of cardiovascular, metabolism, neurology and psychiatry, urology, gastroenterology, pain and infections as well as nutritional supplements with around 600 dosage forms. The motivation is to improve the lives of as many people as possible. That's why the product portfolio is continually evaluated and expanded. Every year, around 19 million pharmaceutical packs are distributed in Austria together with the subsidiary +pharma arzneimittel gmbh. Genericon makes health accessible and affordable for everyone, including future generations.

© Genericon



elyte
diagnostics

elyte diagnostics GmbH

elyte diagnostics GmbH is a start-up that operates in the field of medical technology in-vitro diagnostics. With our fluorescence optical measurement technology, we are developing a system that enables patients suffering from chronic heart and/or kidney disease to independently determine and monitor their health status at home based on the measurement of electrolytes. Millions of patients worldwide are affected by medication- and diet-related electrolyte disturbances. These lead to acute hospitalizations and sometimes to the discontinuation or reduction of cardio-renal therapies. With our measurement system, we will help reduce hospitalization rates, optimize cardio-renal therapies, and improve clinical outcomes and overall patient quality of life.

The management team, left to right:
Andreas Fercher (CEO), Stefan Köstler (CTO),
Julia Mader (CMO) und Martin Ellmerer (CFO)
© elyte diagnostics



Qubicon AG

QUBICON AG has set itself the goal of revolutionizing the biotech industry through digitalization by connecting production facilities and laboratories with a single software solution. The Qubicon® software product automatically brings together data from online, atline and offline devices in a central database. By linking all process and product-relevant data in one system, it forms the basis for improving work processes and comparing and analyzing processes. QUBICON AG puts the vision of Industry 4.0 into practice! The advanced bioprocess software revolutionizes data management, real-time monitoring and process control in various life science areas.

© Qubicon

LabSense
Make a difference. Choose customization.



AUTFORCE
automation

Autforce Automation GmbH

AUTFORCE Automations GmbH, your specialist for testing systems and industrial software since 2000. With headquarters in Lebring, Austria, our team of over 60 dedicated employees develops tailor-made testing systems for leading companies from various industries. Our web-based industrial software autfactory brings transparency to your production processes and controls and optimizes production systems and test benches. With an additional sales office in Weiler-Simmerberg, Germany, we are ideally positioned to respond to the dynamic requirements of the European market. Develop products efficiently and produce them profitably with solutions from AUTFORCE Automations GmbH.

left to right: Christian Hanbauer, Oliver Hohnhold, Christoph Mitteregger, Daniel Pischler-itsch, Stefanie Leersch, Christoph Steiger, Günther Streicher © Stefan Leitner



LANBIOTIC

Lanbiotic GmbH

Lanbiotic, an innovative start-up company from Graz, specializes in the development and commercialization of probiotic skin applications with viable bacteria specifically developed for people with atopic skin. Our clinically tested and internationally award-winning formulations set new standards in skin care by applying a patent-pending bacterial strain effective against S. aureus directly to the skin. With a focus on the characterization and cell encapsulation of probiotic strains, we develop topical products that help improve skin health and revolutionize the medical skin care industry.

CEO, Dr. Katrin Susanna Wallner © Oliver Wolf

LabSense

LabSense, based in Zagreb with offices in Northern and Adriatic Croatia, is an innovative startup providing customized laboratory services. We offer comprehensive testing tailored to individual needs, adhering to ISO/GCP/GCLP/GLP standards with multiple certifications. Our goal is to be a central certified laboratory, expanding our network of third-party labs to deliver high-quality, expedited analyses for the pharmaceutical industry. We combine extensive testing, specialized clinical trial analyses, method development, and expert support, ensuring precision, collaboration, and exceptional quality in every service.



TOPPAN Digital Language GmbH

TOPPAN Digital Language GmbH is a multi-ISO certified translation service provider and part of TOPPAN Digital Language, a technology-supported language service provider with headquarters in London and offices in the USA, Europe and Asia, which specializes in the localization of content from regulated areas. An international team with high quality standards supports companies from regulated industries (life sciences, industry, mechanical engineering and software...) in the internationalization of their content and accompanies these processes with state-of-the-art tools and the latest technology. Automated and secure workflows lead to smooth project execution. Risk minimization and quality management are ensured by ISO 13485.

© Rene Knabl



Hinke Tankbau GmbH

The specialists for sophisticated stainless steel containers. With commitment and competence, Hinke develops and manufactures high-quality stainless steel containers for the food, chemical and pharmaceutical industries - individually and reliably from a single source. For more than 78 years, Hinke has combined complex technical solutions and modern craftsmanship with quality and a high-quality appearance - for the enjoyment, health and safety of people. Customers are always supported in a sustainable and cooperative manner. Hinke has long been familiar with the tasks facing leading industrial sectors. In addition to proven planning, processing and execution quality as well as on-time delivery, our customers value the extraordinary level of detail in our quotation, acceptance and documentation systems. Meeting the standards of pressure vessel construction, specific factory specifications and other regulations (GMP/FDA) with the appropriate certifications and evidence is part of our well-established practice.

Patrick Steinwendner, General Manager
© HINKE Tankbau GmbH



FLECKS Brauhaus Technik GmbH

flecks BioReactorSystems is a division of FLECKS BRAUHAUS TECHNIK GmbH, founded in 1989, develops and builds bioreactor systems for the up-scaling of bio-processes. By combining sterile technology with cost-effective brewing technology, we offer a new, flexible and economical bioreactor concept to quickly become close to production: A sterile bypass system with 8 inline sensors and 7 inline dosing options, all for precision fermentation. In combination with simple tanks of 100 - 20.000 L. Stirring is done with FLECKSMIXER, a fast-acting vertical mixer with low shear forces.

© Flecks Brauhaus Technik



Luminous Labs FlexCo

Our vision at Luminous Labs is to extend healthspan through scientifically proven, evidence-based practices that prioritize women's longevity. Using the world's first digital supplement and innovative, non-invasive light interventions, we aim to deliver measurable and sustainable health outcomes. By focusing on women's health, we are laying the foundation for global longevity.

© fotoCRafie



myBIOS GmbH

myBIOS offers solutions for the production of proteins and enzymes, relying on precision fermentation and the yeast *Pichia pastoris*. Based on license-free tools and in-house developments, myBIOS has developed its own production platform. Alternatives to animal proteins are particularly in demand! Here, myBIOS relies on methanol- and antibiotic-free processes. Since 2022, myBIOS has been successfully supporting customers in strain development. In 2024, the focus will be on implementing an automated platform that enables an individual selection of tools and scales. In addition, the company is investing in process development and facilities to accompany customers all the way to the product.

DI Dr. Claudia Rinnofner, CEO
© zwt-lunghammer



Enzyan Biocatalysis GmbH

Enzyan aims to be the first port of call for bio-processes. Enzyan simplifies and accelerates the development of new cell-free and multi-step bioprocesses (cascades) in the laboratory to fully exploit their advantages. Enzyan combines automated workflows with AI elements in a self-driving laboratory (SDL) to generate experimental data for process development more efficiently and quickly. Enzyan licenses proprietary processes to chemical manufacturers or develops new solutions together with industrial partners. This is intended to promote the establishment of more environmentally friendly enzyme processes in industrial plants.

© StudioLou, Uni Graz



Cycuria GmbH

Cycuria is a preclinical oncology start-up based in Graz, Austria. It was founded by scientists from the Medical University of Graz, the Technical University of Munich and the University of Heidelberg. Our goal is to develop new therapeutics based on our mechanistic understanding of a human cytokine and our expertise in protein engineering. Our biologics selectively target leukemic cells and their precursors, have an extended half-life for a sustained effect and minimal impact on healthy cells and tissues. We develop therapies for hematological and potentially also solid tumors and offer patients hope where conventional therapies have failed.

© Tamara Esterl

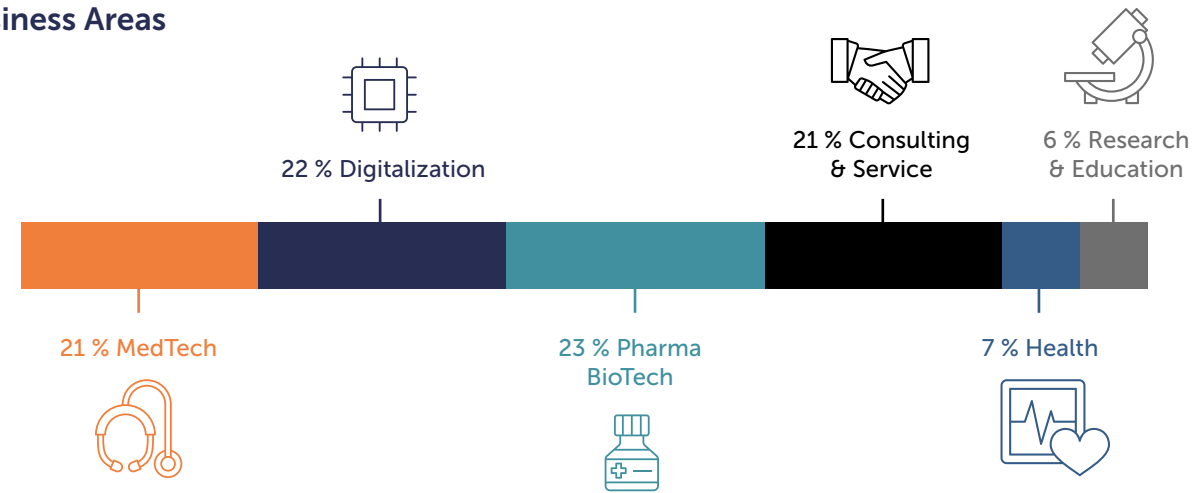
Experts Institut Beratungs GmbH

Experts Institut Beratungs GmbH is an international management consultancy specializing in GxP compliance, quality management, transformation, project management and sustainability. The company serves industries including pharmaceuticals, medical technology, biotechnology and food and offers customized solutions for strategic foresight, compliance and operational efficiency. With locations in the DACH region and over 500 successful projects, Experts Institut offers agile, digital and sustainable consulting services. Further information can be found on the Experts Institute website.

Team © Experts Institut Beratungs GmbH

FACTS & FIGURES 2024

Business Areas



“Very personal and super committed support!”

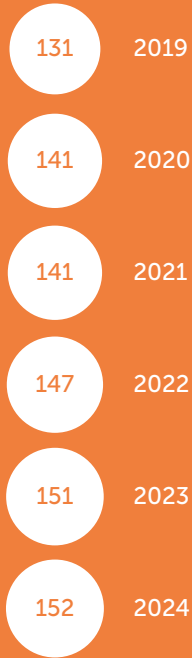
Member survey 2024

Revenue in the cluster environment 2024

€ 6.33 billion

€ 5.95 billion	€ 5.23 billion	€ 5.13 billion
2023	2022	2021

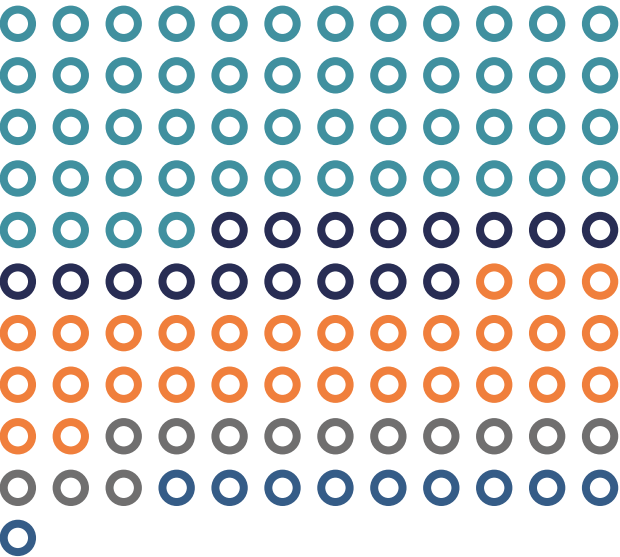
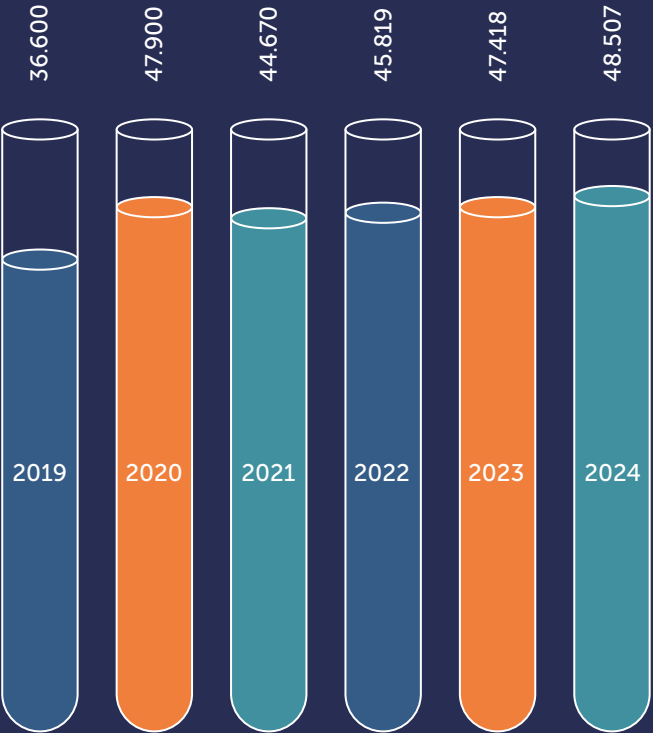
The number of cluster members



“What we value most is the almost ‘family-like’ co-operation. HTS has always supported us over the years. The various events gave us the opportunity to build up a large network in the HealthTech sector. THANK YOU for everything!”

Member survey 2024

Number of employees in the cluster environment



The Cluster Activities

We were involved in **121 events** – because we (co-)organized, (co-)financed them, attended as speakers or guests, and/or promoted them.

- Networking | 52
- Congresses & Conferences, fairs | 17
- Qualification & Know-how transfer | 29
- Internationalisation | 13
- Incoming Missions | 10

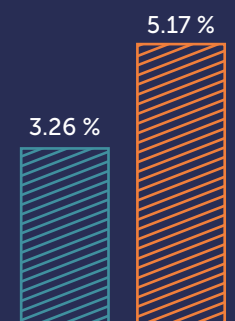
We directly reached **4,800 people** with these events – not counting the number of visitors at trade fairs and conferences.

We ensured that **1,400 B2B meetings** were held as part of the HealthTech-Hub Styria, Biotech Summit, and Austrian Life Science Day events.

We were able to secure nearly **€ 850,000** in funding from the EU, benefiting the Styrian life science community.

Styria: Where Innovation Thrives

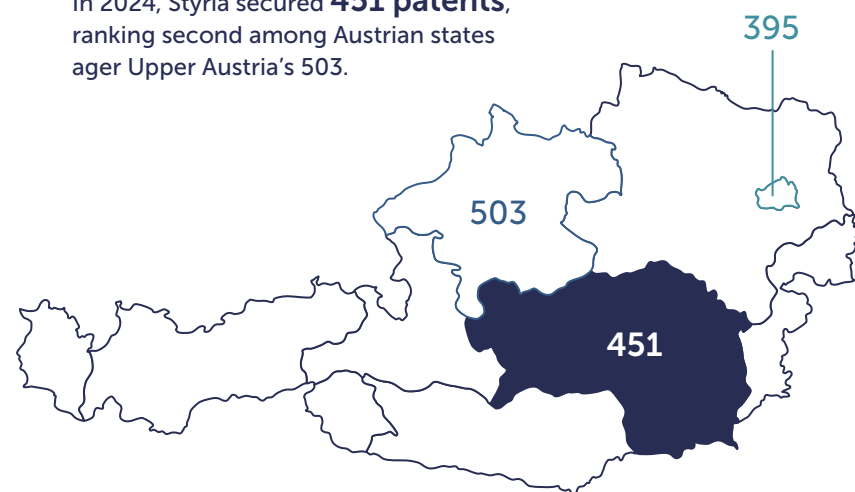
We have contributed to keeping Styria's life science sector on a path to success:



Styria remains Austria's leading region in research and development, with an **R&D intensity of 5.17%** in 2021—significantly above the national average of 3.26%.

Total R&D expenditures amounted to €2.67 billion, with 74.1% funded by private enterprises.

In 2024, Styria secured **451 patents**, ranking second among Austrian states after Upper Austria's 503.



Styria ranks among the top research and development (R&D) regions in Europe, with an R&D intensity of 5.17%. (news.steiermark.at) A complete ranking of European regions by R&D intensity can be challenging due to different data collection periods and availability. However, the following regions stand out with high R&D intensities:

Prov. Brabant Wallon, Belgium: 7.73% (data from 2017)

Stuttgart, Germany: 6.81%

Braunschweig, Germany: 6.10%

Tübingen, Germany: 5.47%

Karlsruhe, Germany: 5.38%

Västsverige, Sweden: 5.31%

Styria, Austria: 5.17%

(wibis-steiermark.at) Please note that data comparability may be limited due to different survey years and methodological approaches.

For the American business magazine *Fortune*, Graz is among the top ten **"Best Cities in Europe for Business"** in 2024.



"What we appreciate most are the short communication channels and the new appearance of HTS in general."

Member survey 2024

Around

1,300

research projects

have been or are being implemented by the cluster members in 2024.



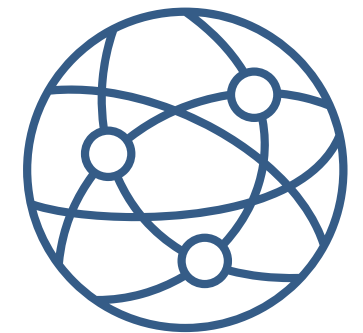
Internationalisation

FROM GRAZ TO THE WORLD – AND BACK!

Our international events are more than just trade fairs or conference visits. They are the bridges we build to make the Life Science hub of Styria visible on a global scale. Whether in Dubai, Barcelona, London, Paris, or Stockholm – we seize every opportunity to showcase innovation, expand our networks, and forge partnerships with the best in the industry.

Each event is a gateway to new markets, a catalyst for future projects, and a magnet for international collaborations. With our strong presence, we don't just make an impression – we actively shape the future of Life Sciences.

A heartfelt thank you to all our partners who help us bring Styrian innovation to the world!



29.01.-01.02.2024
Arab Health, Dubai

08.02.2024
MedLab Middle East, Dubai

16.02.2024
BIOFACH 2024, Nürnberg

18.-20.03.2024
BIO-Europe Spring, Barcelona

03.-04.04.2024
TRIP TO THE FUTURE HEALTHTECH SWITZERLAND

09.-11.04.2024
dmea Berlin

23.-25.04.2024
Lounges – Cleanroom Processes, Karlsruhe, (LISA)



A journey into the future by the WKO in cooperation with Human.technology Styria GmbH and LISA – Life Science Austria. Visits to translational centres such as the Bio-Technopark, Healthtechpark, Wyss Translational Centre and Balgrist Campus allowed participants to experience different financing and cooperation models and discuss them with stakeholders at the respective locations. The future journey was thus able to give the participants a very detailed and informative picture of how innovation and health tech business work in Switzerland.

General organiser of the future trip: Foreign Trade Centre Zurich, HHTCS - Health Tech Cluster Switzerland, HTS - Human.technology Styria GmbH, LISA – Life Science Austria, Austria Wirtschaftsservice Gesellschaft mbH

© HTS

23.04.2024
DESIRE Trade Mission UK

14.-15.05.2024
CEBR Annual Meeting,
Paris

10.-14.06.2024
Achema, Frankfurt

18.-23.10.2024
Global Health
Exhibition, Riad
KSA "Female Leadership
in Healthcare"

04.-06.11.2023
BIO-Europe, Stockholm

11.-14.11.2024
MEDICA, Düsseldorf



Incoming Mission ABA © Oliver Wolf

Incoming Missions

We showcase our location – Styria and Graz – gladly and with great enthusiasm!

To do so, we create tailor-made programs for our incoming guests—whether they are start-ups considering a local branch, representatives of internationally operating networks and organizations, companies searching for cooperation partners, or even groups of students. We design a perfectly customized agenda, adapted to the needs and interests of our visitors, lasting anywhere from 3 to 48 hours. The challenge? Selecting the right highlights from the vast range of offerings and the incredibly diverse portfolio available on-site! Our sincere thanks go to all our partners who play a key role in the Incoming Missions and make a significant contribution to showcasing Styria's life sciences hub from its very best side!



Incoming Mission KOMET



Incoming Mission JGL

Incoming PAYER Intern.
Technologies
08.02.2024

Incoming Mission France –
LaVienne France
16.02.2024

Incoming Mission PHARMIG
29.02.2024

Incoming Mission JGL
(Jadranski galenski Laboratorij)
14.03.2024

Incoming Mission MIT
11.04.2024

Incoming Mission Probiонт
03.-04.07.2024

Incoming Mission Ennocure
19.07.2024

Incoming Mission Chemcube
26.09.2024

Incoming Mission ABA -
Bundesländertreffen
03.10.2024

Incoming Mission KOMET
15.11.2024

Visited and promoted Trade Fairs and Conferences in Austria

07.-08.05.2024
dhealth, Vienna

15.-16.05.2024
GEIST & GEGENWART
Pfingstdialog Steiermark 2024
Regions of Europe,
Shaping the future
Seggau Castle, Leibnitz

22.-24.05.2024
The MedTech Forum, Vienna

05.06.2024
Steirisches Demenzforum

14.06.2024
Telemedicine Congress, Graz

11.-12.09.2024
ECCPM Forum Networking (RCPE)

16.10.2024
Cancer Research Day, Graz

17.10.2024
Plattform Gesundheitswirtschaft –
„Digital Health-Lösungen“-
Eine Wegbeschreibung in die
Verrechenbarkeit

17.10.2024
LISAvienna Regulatory
Conference Vienna

05.11.2024
116. Digitaldialog:
Digitalisation in medicine

05.11.2024
Styrian Export Day, WKO Graz

19.11.2024
AAL Praxiskonferenz:
AAL MEETS DIGITAL.HEALTH,
Linz

Big Events

OUR HIGHLIGHTS, OUR BEACONS,
OUR GRANDEST STAGES!

With our Big Events, we don't just create moments – we create milestones. Here, we bring together innovation, connect the brightest minds, and, above all, put the Life Science hub of Styria in the spotlight. Whether it's (international) conferences, high-level networking formats, or cross-industry summits – these events are more than just dates in the calendar. They are platforms for exchange, drivers of collaboration, and windows to the world. A heartfelt thank you to all our partners who make these events what they are: unforgettable experiences with impact!

CLUSTER CONNECTIONS @CANCOM

on 07.03.2024 in Raaba



© Oliver Wolf

HEALTH TECH HUB STYRIA: "FUTURE IN DIAGNOSTICS AND THERAPY"

15.-16.04.2024, Graz



© Oliver Wolf

AUSTRIAN LIFE SCIENCE DAY: HEALTH CARE DATA GRAZ

04.06.2024



© Oliver Wolf



© Oliver Wolf

CLUSTER CONNECTIONS SPECIAL: 20 YEARS OF HUMAN.TECHNOLOGY STYRIA

27.06.2024, Graz



© HTS

ZUKUNFTSTAG 2024

09.10.2024, Graz



© avmedia

BIOTECH SUMMIT AUSTRIA

10.-11.10.2024, Innsbruck



© HTS

ESIB

12.-14.11.2024, Graz

Wow News from EU Projects

EuroCluster DESIRE

7 Austrian companies won the cascade funding

The EuroCluster DESIRE is a European Co-funded project that deals with the support of European SMEs in the field of eHealth to develop their innovations through services provision, cascade funding and internationalization services.

The competition was at the European level, we received more than 60 applications from all over Europe, which have been evaluated by external experts.

From the 35 winning companies, 7 comes from Austria and they are part of our membership: MIC Audio Solutions, HerzensApp, RobotDream, ilvi, SteadySense, QuickTicket, Predicting Health.

For their projects, they received a max of 30.000 € to cover at least 50 % of their costs.



New market opportunities

From 23-25 April 2024, it was „London calling for your e-health solutions!“ for the DESIRE project partners and their companies. The 10-member delegation group, led by the ICS, spent exciting and very intensive days in one of the most innovative cities for medical technologies and research & development in the digital health sector; with the declared aim of exploring market opportunities and meeting promising business partners for personal discussions. They received active support from their colleagues at the Foreign Trade and Investment Centre London and the EEN partners in the region.

In the framework of the project, we organized several internationalization services, and we helped SMEs reaching abroad markets.

From our first screening, we know that 6 SMEs officialized a collaboration agreement with non-European countries and we expect to increase the number as a result of the Arab Health, which will take place in 2025.



I3HIES



Study trip from 10-12 June 2024 to Vilnius: Insights into the Lithuanian innovation and healthcare ecosystem

The I3HIES project, dedicated to promoting interregional innovation investments and collaboration between health innovation ecosystems, recently conducted a study tour to Lithuania organized by the Lithuanian Innovation Centre.

This trip underlines the project's commitment to transforming the healthcare sector through increased international cooperation and targeted innovation.

The I3HIES project aims to build a central European Health Innovation EcoSystem by connecting the actors of the quadruple helix model and creating regional and international structures.

The study visit in Vilnius made possible for us to learn about the fast growing health and biotech EcoSystem of Lithuania, and to start discussions for building new collaborations.

I3HIES

Future perspectives for I3HIES

The end of the year has been characterized by the preparation of the open calls for SMEs working in and with less developed regions, and we expect a 2025 full of new collaboration agreement, networking and more.

Projects from the I3HIES open call will be firstly presented during the Health Tech Hub Styria 2025.



PRESENT

Today, data is created in almost all areas of life. This data can be used to create economic, scientific, and social opportunities. PRESENT (PREdictions for Science, Engineering N' Technology) solves problems in the professional use of this data. These problems include a lack of specialist knowledge and interface problems. PRESENT solves these problems with a new software architecture. It is a new way of designing security that works for even the most sensitive data. It meets the highest security requirements and is so easy to use that no statistics or IT experts are needed to operate it.

The project consortium, led by Fraunhofer Austria, includes the organizations AIT Austrian Institute of Technology, Joanneum Research Forschungsgesellschaft mbH, Innsbruck Medical University and Graz University of Technology.

The companies that received PRESENT funding in 2024 include CANCOM, BHS Technologies and Daphos.



Funded by
Federal Ministry
Republic of Austria
Climate Action, Environment,
Energy, Mobility,
Innovation and Technology

NEW PROJECTS

The year 2024 represented a great success for Human Technology Styria: we got two new European projects!



TIGER

TIGER stands for FosTering ehealth and social Innovations as Gamechangers in sEnior and Remote care, and aims to provide companies with access to international knowledge and specialized innovation services. These new impulses are intended to drive forward the development of products and services in elderly and remote care, which are urgently needed due to the growing shortage of skilled labor.

The TIGER project officially started with a kick-off event on September 26, 2024 in the ICS in Graz. In this working meeting with all ten European partners from business and research, the starting signal was given and further steps were planned in order to be able to offer the project to as many companies as possible. The project itself will run until summer 2027, with the first services being available from 2026.



EUkraineCoop

is a European Co-funded project that actively supports Ukrainian SMEs and Clusters integrating in our EcoSystems. For Human.technology Styria, this project is a great milestone, as we are the Lead partners, allowing us to grow our involvement in EU projects and increasing the future opportunities.



Gerhard Prossliner, BRAVE Analytics

Enabling Transformation: and Action!

In the years 2023 and 2024, 11 Styrian companies are taking advantage of the the EU project 'Enabling Transformation' to realise their ambitious digitalisation and sustainability projects into reality. The ERDF funding of €400,000 in total was for external consultancy services. Now, shortly before the end of the project, the companies were asked by project manager Laura Daviña König to speak in front of the camera about their experiences, adventures and successes. The following were present: Jasmin Dhanani and Jürgen Neubauer (ARTSIP), Christian Lorenz (LORENZ CONSULT), Daniela Riedler and Adrian Danzel (PAYER), Bernhard Wallner (NEUROTH), Gerhard Prossliner (BRAVE ANALYTICS), Simon Werba (COMMUMODO) as well as Oliver Wimmer and Konstantin Pollanz (HERZENSAPP).

The video shoot was organised by the renowned Graz video agency ShotShotShot in the auditorium of the Med Uni Graz. The final videos were published on the HTS website.



www.humantechnology.at/enabling-transformation-success-stories/

Highlights: Enabling Transformation

- » 10 transformation projects on sustainability and digitalisation were launched by our members in 2024, some of them already successfully completed.
- » Over € 385,000 in ERDF funding was pledged for our members in the form of external consultancy services as part of the 'Enabling Transformation' project.

The 'Enabling Transformation' project is co-financed by the ERDF. You can find more information on IWB/ERDF www.efre.gv.at.



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How can transformation succeed? Our community shows the way...

In 2024, a total of 10 Styrian companies set out to put their ambitious digitalisation and sustainability projects into practice as part of the EU project 'Enabling Transformation'. Their project successes show how the sustainable and digital transformation of companies can be organised profitably with dedication, commitment and responsibility. Project manager Laura Daviña König accompanied the companies to the 75% funding of their external consulting services through ERDF funds and then invited the project partners to report on their successes, experiences and adventures on the film set.

"At the start of the project, we were faced with the challenge of developing a new business model and devising a new strategy. The great opportunity that we see in the digital transformation is that we can transfer the analogue business model that we have established on the market to digital. And everything that is digital is scalable and has corresponding growth potential. This not only gives us a considerable economic advantage, but also benefits our customers."

Simon Werba | Managing Partner CommuModo

"One of the key decisions we made in the project was that we wanted to accompany the entire patient journey. In this context, we published the largest comparison portal for care providers, with over 400 providers that can be compared with each other. That was a huge success."

Oliver Wimmer | Co-Founder & COO HerzensApp

"We have already achieved a lot in the area of energy efficiency, but we wanted to develop further. As part of this project, we developed the sustainability strategy for the company. And there are a lot of business opportunities here - we want to approach customers with concepts, show them what can be done and how they can implement it. Especially in the area of remodelling and existing buildings: what can be done to improve sustainability?"

Christian Lorenz | Managing Director Lorenz Consult ZT

"Our goal is to reduce CO₂ emissions by 50%, particularly in the area of our software, including our website and all associated services that we want to make accessible. In concrete terms, this means critically analysing whether certain content, such as images, is necessary or can be replaced by text. In this way, loading times can be reduced and emissions lowered. Ultimately, we want to be able to present a prototype with CO₂-optimised software."

**Jasmin Dhanani & Jürgen Neubauer
Co-Founder artSIP OG**

"As a start-up, we are constantly faced with the challenge of working efficiently and focussed with limited resources. That's why we started the project - to develop a quality management system that supports us in our day-to-day work and drives our digital transformation forward at the same time."

**Gerhard Prossliner | Co-Founder, COO & CFO
BRAVE Analytics**

"We are very pleased with the impact of the project, due to the involvement of many employees within the company and the strong emphasis on sustainability."

**Daniela Riedler | Chief People & Culture,
Sustainability Officer PAYER Group**

"I was surprised by how extensive the entire sustainability reporting process is. How many departments are involved, what data is required and that it affects the entire value chain - not just the company itself, but also everything that happens to the product before and after."

Bernhard Wallner | Sustainability Manager Neuroth



Daniela Riedler and Adrian Danzel, PAYER



12 Months, Countless Memories





“The Human Technology Cluster is committed to expanding the networking of the Styrian economy, research, and education in the field of life sciences. We are dedicated to promoting internationalization to generate additional added value for Styrian companies and research institutions in the region.”



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Partnership on Active
and Healthy Ageing



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