

The HTGF Portfolio

Active Startups in HTGF I, II, III and IV

Future of Industry, Deep- & Climate Tech

Seed | Early Stage | Later Stage

	Robotics / Automation	Industrial & Engineering Software		Sensor Tech	Drones & Logistics		
Future of Industry	AICA Adlatus Aluvation Sewts Synapticon	attenio DIMATE emproof emteria Neural Concept	R3DT SimScale Soley Spherity Talpasolutions Threedly Visometry	4titoo dotscene Grandperspective Senodis Variolytics	Alpine Eagle Box ID Systems FlairFleet FlyNex		
	Semiconductors	AI	Optics / Photonics	Quantum	Advanced Materials		New Space
Deep Tech	Chipmetrics Extoll FMC InCirT Synthara	DeepScenario Erium SAMP Syntara Syte Toolify	21 Semiconductors ABH Optics Cycle Laclarée Midel Photonics PicoLAS	Aegiq Delft Circuits HQS Kiutra Pixel Photonics Qnami QphoX	beeOLED Dimpora ecopals GS Bavaria Materials Nexus	MetisMotion Soluterials traceless materials	Atmos Dcubed ISPTech Orbex Reflex Aerospace
	Energy		Hydrogen / eFuels	Battery	Mobility	AgTech	Circular Economy
Climate Tech	autarkize Caeli Wind Cuculus Enexion everyone energy Gilytics	Heliatek Highline Node Energy nuuEnergy Phytonics Proxima Fusion	Rabot Charge Viamon viboo Ze Energy	Aerleum Cyclize INERATEC refuel.green	Alteva BTRY Instagrid NOVUM	Autoaid AWAKE Comodule DeepScenario XOO / LEON Mobility	Crocus Labs FarmInsect Seqana Cyclize IonKraft Resourcify Saperatec traceless materials

Life Sciences & Health Care

Clinical Stage | CE/FDA

Pharmaceuticals	Oncology		Immunology		Cardiology / Cardiovascular		Medical Technology	New Materials		Patient Monitoring		Rehabilitation	
	Abalos Akribion Tx Dimericon SRTD biotech Tacalyx Thermosome Tubulis	Umlaut.bio WMT	ActiTrex Immunic Kupando Mbiomics MDTB Phialogics	SciRhom TolerogenixX	AdvanceCOR Draupnir Bio Omeicos	Pantherna		Intelligent Fluids Lignopure Nebula Biocides Smarterials	Implandata inContAlert Lindis Blood Care		Altavo		
	Metabolic Diseases		Hearing loss		Neurology			Cardiovascular Devices		Orthopedics/ 3-D-Printing		Imaging & Navigation	
	Alentis HepaRegeniX Mosanna Zedira	AudioCure		Synendos Fundamental Trim Tx		InCephalo		Angiolutions Arga MedTech Coramaze CryoTherapeutics Lymphatica NovaPump	Curotis (Vacis)	Inovedis stimOS	Mediaire RAYDIAX		
			Pain		Rejuvenation					Endoscopy		Gastrointestinal Devices	
			Algiax Pharmaceuticals		Sirana Pharma Refoxy Pharma					Symphera		Sedivention Trans-Duodenal Concepts	
	Drug Delivery		Regulatory		Gene Therapy			Neuromodulation		Emergency Care		Aesthetics	
	Biograil Cutanos	Refoxy Pharma	Innerspace		TQ Therapeutics			CereGate CorTec WISE		HBOX Therapies O11 Biomedical		Skinuvita	
	Diagnostic		R&D Tools					Digital Health		Industrial Biotech		Agriculture, Agritech & Animal Health	
	Epignostix hema.to miRdetect Noscendo Refined Laser Systems	Aignostics denovoMATRIX DNTOX DyNAbind faCellitate	IRUBIS Mo:re Navan PEPperPRINT PreComb Resolve Biosciences Signatope			Advanova Avelios Carelane C-Mo CustomSurg Ebenbuild Hypros		HRTBT Kranus Health Neotiv Nia Health Nuuron PMS PraxisEins	Preventicus	Colipi Hapila Numaferm	Bind-X Performanat Verovaccines Zymofix		

Chemistry

	Energy Generation/ Storage		Recycling		Water & Mining
Energy, Cleantech and Environment	Heliatek Ineratec		EEDEN ESy-Labs Resourcify	Saperatec	Bind-X
	Industrial Biotech	Food, Nutrition & Personal Care			
Bio-based Economy, Food & Personal Care	Hapila Numaferm	Cultimate Foods Computomics PerformaNat	Zymofix		
	Surface Technologies	Composite Materials & New Materials			
3D Printing, Surface Technologies and New Materials	Intelligent Fluids i3 Membranes stimOS	BIOVOV Lignopure Plastformance ReCatalyst	Smarterials traceless materials WPX		
	Sensor & Measurement Techniques	Processes & Logistics	Sustainability		Simulations and Quantum Chemistry
Digital Chemistry	GrandPerspective NOVUM Plasmion	Tracekey	Flowtify Resourcify Simreka		ai-predict HQS

Digital Tech

Seed | Early Stage | Later Stage

	FinTech & InsurTech			EdTech & HR-Solutions		Health & Lifestyle		PropTech & ConTech		
Future of Industry	anybill	ICO-LUX	Taxdoo	Bunch.ai	Innerspace	Asana Rebel	PraxisEins	Casavi	FairFleet	
	Banxware	Relio	Tokenize.it	become.1	Job Leads	Avelios	Preventicus	Comydo	Plancraft	
	Cerchia	Remind.me	Troy	Clickworker	MoBerries	DearEmployee	trait	Dotscene	Urban Ground	
	fin:marie	SmartLoC		DeepSkill	Sdui	Doctorflix	WOBI	EverReal	Syte	
				Doinstruct	Skoove	eGym				
				EMERGE	Witchcraft	Kranus Health				
	Travel			Mobility		e-Commerce		Retail Intelligence		
	AirGateway	Customer Alliance		coModule	wirelane	ALL3DP	Makerist (The Creative Club)	7Learnings	Itembase	
	Bookingkit			Flynex	XOO / LEON Mobility	Outfittery		Crealytics	minubo	
				IO-Dynamics				Emax	POSpulse	
								Inventorum	Spacegoats	
Enterprise Solutions	Marketing & AdTech			ESG & Energy Transition		Productivity Tools		Big Data Analytics & Business Analytics		
	CI HUB	Storybox		agriportance	ctrl+s	Certivity	Userlane	akirolabs	FINDIQ	Nordantech
	Contentbird	Trackscale		Cuculus		Filestage	Vertama	ConWeaver	GlassDollar	Simreka
	Locr			FamPlus		Notch	virtualQ	Covalo	GlassFlow	Tomorrow Things
				Flowtify		Supportwave	Workpath	Datarade	Implisense	Wetransform
				Node.energy			YOND	Enexion		
Deep Tech	Blockchain & Web3			Cloud Services & Infrastructure		IT-Security		Artificial Intelligence		
	Agora Innovation	Spherity		Cloudplan	Tracekey	Code Intelligence	Resility / Mitigant	Audavis	DemoSquare	Pagent.ai
	AuditOne	Tangany		Eddyson	Uniki	Graylog	VMRay	Cloudsquid	Graswald	Scavenger AI
	Coinlend	Threedium		Quobyte	Yatta	Hanko		Enercast	JUPUS	Sky Engine AI
	Coinpanion	Venly		sovity		PXLVision		Erium	Neural Concept	Syte
	Deutsche Digital Assets GmbH			Tixel				Eyeware	Oculai	Traide AI
								DeepScenario		VisioLab

Climate Tech – Energy I

Company	Information
<u>autarkize</u>	<u>Founded in 2022, autarkize has successfully brought to market a basic technology developed over 25 years for the production of high-quality gas and certified biochar. With its innovative pyrolysis plants, autarkize makes companies and entire regions self-sufficient in energy and fertilisers.</u>
<u>Caeli Wind</u>	<u>Caeli Wind is a digital marketplace that identifies wind potential sites for landowners and enables professional AI-based analysis and marketing</u>
<u>Cuculus</u>	<u>Cuculus’ novel and scalable mass data software platform helps secure future energy supply through commercial smart metering and smart home applications.</u>
<u>Enexion</u>	<u>Enexion is a specialized service provider serving energy intensive companies in the reduction of Total Energy Costs (TEC) and procurement risks during the energy purchase (25 - 50% savings potential).</u>
<u>everyone energy</u>	<u>everyone energy offers white-label software for customized advisory services on renewable energy solutions. The software enables energy service providers to build digital customer services and automate sales processes.</u>
<u>Gilytics</u>	<u>The company’s software, Pathfinder, is a Geographic Information System (GIS) cloud platform used for overhead line and underground cable connections, identifying routes with the lowest cost or least overall impact on the public and the environment.</u>

Climate Tech – Energy II

Company	Information
<u>Heliatek</u>	<u>Heliatek is the global leader in Organic Solar Films and will enable net-zero energy buildings by its ultra-green and -clean (lowest carbon-footprint over full-life-cycle) innovative solutions for virtually every surface of buildings and structures.</u>
<u>Highline</u>	<u>HighLine Technology GmbH develops and commercializes high-precision printing technology for the semiconductor industry</u>
<u>Node.energy</u>	<u>Node.energy develops software to optimize energy costs for companies with on-site power generation.</u>
<u>Nuu Energy</u>	<u>The startup is a scalable all-in-one heat pump provider, improving efficiency up to 80%.</u>
<u>Phytonics</u>	<u>The KIT spin-off Phytonics, founded in 2021, wants to make a significant contribution to the energy transition.</u>
<u>Proxima Fusion</u>	<u>Proxima Fusion is working to develop power plants via optimized stellarators, devices that form magnetic cages for high-energy matter.</u>

Climate Tech – Energy III

Company	Information
<u>Rabot Charge</u>	<u>Die RABOT CHARGE GmbH ist ein unabhängiger Anbieter lastvariabler Energietarife, der für Privatkunden die Optimierung des häuslichen Lademanagements von Elektroautos übernimmt.</u>
<u>Viamon</u>	<u>Viamon is developing an anti-theft device for solar parks that is integrated into junction boxes of PV modules or PV inverters.</u>
<u>viboo</u>	<u>viboo makes buildings more energy efficient through its Predictive Control as a Service platform. Rooted in extensive research at Empa and ETH Zurich, the company empowers smart thermostats with predictive algorithms, reducing energy usage by 20-40% in both light-commercial and residential buildings</u>
<u>ZE energy</u>	<u>Ze Energy colocates storage with renewable energy to increase the economics of renewable power plants. Through a combination of proprietary software and ownership of the entire plant highly price competitive systems can be designed for a rapid proliferation of renewables at the grid level.</u>

Climate Tech – Hydrogen/efuels

Company	Information
<u>Aerleum</u>	<u>Founded in 2023, spin-out of the venture studio Marble, Aerleum is a pioneering climate tech company at the forefront of carbon capture and utilization. Aerleum's breakthrough technology captures CO₂ from the atmosphere and converts it into synthetic fuels and chemicals, offering a scalable and cost-competitive solution for industries looking to implement alternatives to fossil-derived products.</u>
<u>Cyclize</u>	<u>Cyclize, a spin-off from the University of Stuttgart, has developed a technology to defossilize the chemical industry using mixed plastic waste and CO₂ as raw materials to produce synthesis gas (a gas mixture of carbon monoxide and hydrogen).</u>
<u>Ineratec</u>	<u>Ineratec has developed a technology to convert CO₂ from the atmosphere into fuel in a decentralized manner, thus making an essential contribution to the decarbonization of society.</u>
<u>refuel.green</u>	<u>refuel.green is one of the world's most innovative start-ups in the field of e-fuels. Founded in Dresden in 2021, the team of ca. 10 engineers and entrepreneurs is committed to making a decisive contribution to a CO₂-neutral global economy.</u>

Climate Tech – Battery

Company	Information
<u>Alteva</u>	<u>alteva was founded in Cologne, Germany, in 2023 by Ida Milow and Aiko Bernehed. The start-up develops innovative, ultra-lightweight and high-performance battery cells for the decarbonisation of the global transport sector.</u>
<u>BTRY</u>	<u>BTRY AG, a Swiss battery start-up and spin-off from Empa and ETH Zurich, aims to revolutionize energy storage with its fast-charging Li-ion solid-state battery.</u>
<u>Instagrid</u>	<u>instagrid is specialised in mobile off-grid batteries, driving the energy system transition for off-grid electricity, which today is still dominated by combustion engines.</u>
<u>NOVUM</u>	<u>Novum offers through AI and a hardware module exact battery monitoring that enables 15% more capacity usage and 20% longer lifetime. The on-site instant battery characterisation enables multiple second-life use cases for batteries with a strong sustainability impact and increased safety against fire or explosions.</u>

Climate Tech – Mobility

Company	Information
<u>Autoaid</u>	<u>autoaid offers manufacturer-independent hardware and software for automotive diagnostics, including connected car services ranging from logbooks and vehicle tracking to fleet management.</u>
<u>Awake Mobility</u>	<u>AWAKE Mobility is a Munich-based technology company focused on monitoring and analysing the condition of bus fleets.</u>
<u>Comodule</u>	<u>CoModule digitizes e-bikes and e-scooters using IoT components and a connectivity platform.</u>
<u>DeepScenario</u>	<u>DeepScenario is an AI start-up that provides the world’s leading platform for training, testing, and validating autonomous systems of any kind, with a particular focus on the automotive industry.</u>
<u>XOO/LEON Mobility</u>	<u>LEON Mobility was founded in 2020 by two experts from the mobility industry who had clearly identified the problem of micro mobility: there is a lack of an economical and widespread charging infrastructure for sharing scooters. With XOO, LEON Mobility is building this smart charging infrastructure for sustainable micro mobility in public spaces.</u>

Climate Tech – AgTech

Company	Information
<u>Crocus Labs</u>	<u>Crocus Labs is developing revolutionary ultra-high efficiency smart lighting solutions for Indoor Farming.</u>
<u>FarmInsect</u>	<u>FarmInsect is replacing soy and fishmeal with regional and sustainable insect protein through a circular economy approach. Farmers receive weekly batches of larvae and raise these as a protein source with proprietary insect systems.</u>
<u>Seqana</u>	<u>Seqana is a pioneering company focused on enhancing the monitoring, reporting, and verification (MRV) of soil carbon through machine learning and satellite-enabled technology. This innovation facilitates carbon removal via soil carbon on a large scale, thus supporting carbon offset demands and the transition towards regenerative agriculture.</u>

Climate Tech – Circular Economy

Company	Information
<u>Cyclize</u>	<u>Cyclize, a spin-off from the University of Stuttgart, has developed a technology to defossilize the chemical industry using mixed plastic waste and CO2 as raw materials to produce synthesis gas (a gas mixture of carbon monoxide and hydrogen).</u>
<u>IonKraft</u>	<u>IonKraft offers a game-changing plasma-based coating that creates a super-strong barrier on plastic packaging containers and is 100% recyclable. The coating is applied to plastic packaging containers with their innovative coating machines. The technology has the potential to replace non-recyclable multilayer and fluor-based barrier solutions in chemical packaging and beyond.</u>
<u>Resourcify</u>	<u>Resourcify provides a cloud-based platform that allows companies to manage their waste and recycling operations online, bringing transparency and efficiency to waste management</u>
<u>saperatec</u>	<u>saperatec separates multilayer composite systems for the recovery of valuable secondary raw materials. The microemulsion-based technology has been optimized for the recycling of packaging materials, beverage cartons and laminated safety glass and is now being marketed internationally.</u>
<u>traceless materials</u>	<u>The circular bioeconomy startup traceless materials has developed a holistically sustainable alternative for plastics and bioplastics that is fully compostable in nature, contributing to solve the global plastic pollution.</u>

Deep Tech – Semiconductors

Company	Information
<u>Chipmetrics</u>	<u>Chipmetrics Oy develops and delivers metrology solutions for manufacturing processes for the semiconductor industry. The company's business is based on the sale of innovative metrology chips and measurement services whose applications are focused on ALD technology.</u>
<u>Extoll</u>	<u>EXTOLL develops own semiconductor IP for network components as well as own ASIC chips for High-Performance Computing (HPC). EXTOLL networks are direct networks that can be operated without external switches or hosts for computing nodes.</u>
<u>Ferroelectric Memory (FMC)</u>	<u>Ferroelectric Memory GmbH is developing a technology that turns every transistor into a memory and can thus revolutionize the market for non-volatile memories.</u>
<u>InCirT</u>	<u>InCirT is a deep-tech start-up which provides semiconductor IP solutions for high-speed wireless networks. The core product of the company is a digital-analog / analog-digital converter (a so called "transceiver"), which in its final version will enable data transmission of up to 1 Tbps.</u>
<u>Synthara</u>	<u>Synthara is a semiconductor AI company working on a new breed of edge-AI chips that eliminate the trade-off between performance and energy efficiency.</u>

Deep Tech – AI

Company	Information
<u>Deep Scenario</u>	<u>The startup develops a virtual driving school based on AI. They use real traffic scenarios to train and validate your ADAS/AD systems.</u>
<u>Erium</u>	<u>Erium is developing software that can be used to create industrial AI models using just a few data points, without the need to be a data scientist</u>
<u>SAMP</u>	<u>Samp has based its development on a strong alliance between industrial and cutting-edge expertise in Deep Learning and 3D, with the team having 3 PhDs and 8 patents in these fields.</u>
<u>Synthara</u>	<u>Synthara is a semiconductor AI company working on a new breed of edge-AI chips that eliminate the trade-off between performance and energy efficiency.</u>
<u>Syte</u>	<u>Syte is an AI-engine that discovers real-estate development potentials in real-time. With the local building law in mind, it understands the architecture of the city and identifies the best spatial utilisation. Taking existing buildings into account, it helps creating new living space, supporting sustainable material and reducing soil sealing.</u>
<u>Toolify Robotics</u>	<u>Toolify's mission is to make the complex world of robotics easily accessible and enable companies to take advantage of modern robots to drive efficiency and growth.</u>

Deep Tech – Optics / Photonics I

Company	Information
<u>21Semiconductors</u>	<u>The company produces and markets a completely new type of laser crystals that can be used to efficiently generate laser radiation in the visible spectral range.</u>
<u>ABH Optics</u>	<u>With a focus on developing meta optics eyeglass lenses, ABH Optics is set to revolutionize the eyewear industry with its unique, thin, and environmentally friendly lenses.</u>
<u>Cycle</u>	<u>Cycle develops laser technologies from synchronization systems with highest accuracy to high energy lasers with high output power</u>
<u>Laclarée Vision</u>	<u>Laclarée develops adaptive eyewear that adapts to the needs of the wearer and restores automatic focus for people over 45 years</u>
<u>Midel Photonics</u>	<u>With its innovative laser beam shaping technology, the company solves highly topical problems in laser material processing and enables highly efficient laser systems</u>
<u>PicoLAS</u>	<u>PicoLAS develops, produces and distributes innovative, efficient and low-cost power supplies for driving diode lasers and LEDs.</u>

Deep Tech – Quantum I

Company	Information
<u>Aegiq</u>	<u>Aegiq (/i:dʒɪk/, ee-jik) is building a new generation of networking and computing with quantum technology. The company is using its pioneering single-photon and integrated quantum optics platform to address the demand for next-gen fibre and satellite quantum communications, as well as drive further research and development in quantum computing and quantum optics using its advanced technology.</u>
<u>Delft Circuits</u>	<u>Delft Circuits designs and manufactures i/o (cabling) solutions for cryogenic environments to operate quantum systems.</u>
<u>HQS Quantum Simulations</u>	<u>HQS develops algorithms for quantum computers to predict material properties. This can be used to accelerate development cycles, especially in the chemical and pharmaceutical industries. The algorithms avoid the intrinsic errors of current quantum computers and thus make it possible to use the performance advantages of quantum computing already today.</u>
<u>Kiutra</u>	<u>Kiutra develops fully automated cooling solutions for generating extremely low temperatures close to absolute zero at -273°C.</u>
<u>Pixel Photonics</u>	<u>Pixel Photonics was founded with the goal to commercialize highly scalable single-photon detectors based on the waveguide-integrated SNSPD approach. Applications for Pixel Photonics technology are ranging from optical quantum computing, Quantum key distribution (QKD), microscopy to metrology and sensing.</u>

Deep Tech – Quantum II

Company	Information
<u>Qnami</u>	<u>Qnami develops quantum technologies for sensing and imaging applications, aiming to create a new standard for high-precision sensors.</u>
<u>Qphox</u>	<u>QphoX is developing a Quantum Modem which will allow quantum processor to connect over an optical network. Our technology is aimed at combining the quantum computing and quantum networking markets, with the goal of realizing the backbone of a future quantum internet.</u>

Deep Tech – Advanced Materials I

Overview

Company	Information
<u>beeOLED</u>	<u>Led by serial entrepreneur and Novaled co-founder Jan Blochwitz-Nimoth, beeOLED develops an efficient & stable deep-blue emitter to improve displays in phones, tablets, laptops, TVs and other displays.</u>
<u>dimpora</u>	<u>The outdoor clothing industry is struggling to replace harmful chemicals in their products. dimpora offers high performing waterproof and breathable membranes based on sustainable materials.</u>
<u>ecopals</u>	<u>The Berlin-based start-up ecopals is dedicated to developing sustainable solutions for a moreresource-efficient road construction industry. In cooperation with the Fraunhofer ICT and the University of Kassel, this has resulted in a first product that has already proven itself on several pilot</u>
<u>GS Bavaria</u>	<u>GS Bavaria is the world’s first supplier of nano- hard metal materials on industrial scale. Production is extremely cost-efficient, sustainable and comes with minimal energy consumption through our unique bioleaching recycling process.</u>
<u>Materials Nexus</u>	<u>The company is on a mission to discover next-generation materials for everyday items that don’t cost the earth. It uses AI to find sustainable, cheaper and higher-performance alternatives to the advanced materials which are used to build the technologies we understand to be vital for a net-zero world.</u>

Deep Tech – Advanced Materials II

Overview

Company	Information
<u>MetisMotion</u>	<u>MetisMotion develops, manufactures and sells electrically driven linear actuators that are characterized by particularly high force density, dynamics, precision and robustness. (Possibly supplementary: "The actuators are especially designed for high forces at low power").</u>
<u>Soluterials</u>	<u>True innovation: Soluterials is an emerging start-up that transforms pure aluminium scrap (secondary aluminium) into a revolutionary nanostructured high-performance aluminium material called SoluteriAL.</u>
<u>traceless materials</u>	<u>The circular bioeconomy startup traceless materials has developed a holistically sustainable alternative for plastics and bioplastics that is fully compostable in nature, contributing to solve the global plastic pollution.</u>

Deep Tech – New Space

Company	Information
<u>ATMOS</u>	<u>ATMOS Space Cargo, develops and builds space capsules designed to return any cargo at any scale safely back from space.</u>
<u>DCUBED</u>	<u>DCUBED (Deployables Cubed GmbH) develops mass-customizable, export restriction free Actuators and Deployable Structures that make advanced SmallSat & CubeSat missions possible by keeping especially the need of New Space Customers in mind.</u>
<u>ISPTech</u>	<u>InSpacePropulsion Technologies GmbH (ISPTech) offers propulsion solutions to allow uncompromised mobility in space – suitable for every spacecraft from small CubeSats to large capsules and landers</u>
<u>ORBEX</u>	<u>Orbex is developing a reusable microlauncher with an innovative fuel concept for the fast-growing small satellite market.</u>
<u>Reflex Aerospace</u>	<u>The Berlin and Munich-based NewSpace start-up aims to modernise the market with high-performance satellites tailored to individual needs. Through software-based operations and service-oriented offers, the company meets the needs of its customers faster, at a significantly lower cost and more flexibly than established NewSpace manufacturers today.</u>

Future of Industry – Robotics / Automation

Company	Information
<u>AICA</u>	<u>Spinning-off from the LASA (Learning Algorithms & Systems Laboratory) of EPFL (Ecole Polytechnique Fédérale de Lausanne), the company aims to make robotics accessible to all companies.</u>
<u>Adlatus Robotics</u>	<u>ADLATUS Robotics develops, produces and sells autonomous service robots with focus on facility management applications .</u>
<u>ATC Aluvation</u>	<u>ALUVATION enables the decentralized heat treatment of aluminum components through mobile and modular rental systems. This makes the use of aluminum components with customized material properties easier, faster, more flexible and cheaper.</u>
<u>Sewts</u>	<u>sewts GmbH provides cutting-edge perception software, pushing the boundaries of robotics in processing of easily deformable materials.</u>
<u>Synapticon</u>	<u>Synapticon develops decentralized, integrated control systems consisting of hardware and software for robotics and machine manufacturers</u>

Future of Industry – Industrial & Engineering Software I

Company	Information
<u>attenio</u>	<u>Attenio increases the efficiency of the production of complex and variant-rich products such as textile machines, medical devices or ships. Via the TIO communication platform, employees can view an always up-to-date visualization of all available data on site during assembly and add empirical knowledge for later operations.</u>
<u>DIMATE</u>	<u>DIMATE is an innovative and dynamic company based in Bochum, Germany, whose IT solutions are leading industrial materials testing, inspection and maintenance into the digital future. With DIMATE PACS, the company has developed software that makes non-destructive testing in various industries safer and more efficient.</u>
<u>emproof</u>	<u>emproof provides innovative security solutions for embedded systems that address multiple layers of the software security stack.</u>
<u>emteria</u>	<u>The open-source Android operating system increasingly finds demand in professional and industrial contexts, for example in applications like smart city, vending machines, point-of-sale systems, vehicle infotainment systems, and medical devices.</u>
<u>Neural Concept</u>	<u>Neural Concept has developed the first deep-learning software for computer-aided design and engineering that can significantly accelerate development processes.</u>

Future of Industry – Industrial & Engineering Software II

Company	Information
<u>R3DT</u>	<u>r3dt enables the generation of virtual reality prototypes from 3D CAD models at the push of a button.</u>
<u>SimScale</u>	<u>SimScale gives engineers access to a wide range of engineering simulation tools via the web-based platform www.simscale.com -- on-demand, scalable and with interactive collaboration features.</u>
<u>Soley</u>	<u>Soley is a software solution for data-driven optimization of complex product portfolios for industrial companies. Soley identifies unnecessary cost drivers and frees up customer resources via a collaborative decision-making process to achieve annual savings potentials in the millions.</u>
<u>Spherity</u>	<u>Spherity is building decentralized identity management solutions to power the 4th industrial revolution, bringing secure identities (“Digital Twins”) to machines, algorithms, and other non-human entities.</u>
<u>Talpasolutions</u>	<u>talpasolutions offers a SaaS platform that enables companies to optimize the performance of heavy machinery such as excavators or wheel loaders, reduce downtime and increase operational reliability.</u>

Future of Industry – Industrial & Engineering Software III

Company	Information
<u>Threedy</u>	<u>Threedy commercializes its instant3D hub platform – a visual computing platform for industrial customers to translate the ever-growing web of 3D, business and process data into highly responsive and interactive 3D applications</u>
<u>Visometry</u>	<u>Visometry is developing VisionLib, a powerful and robust augmented reality tracking engine that enables the broad deployment of AR applications throughout the product lifecycle.</u>

Future of Industry – Sensor Tech

Company	Information
<u>4tiitoo</u>	<u>4tiitoo develops a software with which computers can be controlled via eye contact. The manual mouse control is thus a testimony of the past</u>
<u>dotscene</u>	<u>The minaturized and thus portable 3D laser scanner dotcube from dotscene allows for the first time the mobile and fast 3D measurement of real estate both inside and outside. Thus, for the first time, 3D digital twins of real properties can be created within minutes, in order to no longer be dependent on plans or changes that are often only partially implemented.</u>
<u>GrandPerspective</u>	<u>The Grandperspective GmbH was founded in Berlin in 2018 with the purpose of protecting people and the environment. Grandperspective is introducing revolutionary remote sensing technology into a highly professional market with severe hazard potentials.</u>
<u>Senodis</u>	<u>Senodis Technologies, a Fraunhofer spin-off, developed a ceramic ink based marking concept for hot-formed metal components to withstand process temperatures above 900 °C, which enables seamless recording of the components along the process chain.</u>
<u>Variolytics</u>	<u>Variolytics is a Stuttgart-based technology company focused on measurement technologies and process optimization. The technology is used at wastewater treatment plants to monitor greenhouse gases in the wastewater treatment process and provide recommendations for actions to avoid them.</u>

Future of Industry – Drones & Logistics

Company	Information
<u>Box ID Systems</u>	<u>BOX ID offers a weatherproof, mountable hardware tracker including software to track especially high value carriers along the supply chain. For the first time, the tracking of such carriers is possible in order to eliminate losses and associated follow-up costs.</u>
<u>FairFleet</u>	<u>FairFleet is the global one-stop store for drone services. Through its proprietary platform, FairFleet provides a decentralized pilot network and complex analytics capabilities for customers in the real estate & facility management, insurance, energy, construction and infrastructure sectors.</u>
<u>flynex</u>	<u>FlyNex offers a cloud-based software that reflects planning, operations and analysis for drone operations and simultaneously enables collaboration within businesses or across companies. Therefore a standardised and scalable use of unmanned aerial systems is possible, without having extensive drone-related knowledge.</u>
<u>Alpine Eagle</u>	<u>Founded in 2023, Alpine Eagle is a team of machine learning practitioners and aeronautical engineers building the world's first airborne counter-drone system. The company's Sentinel Counter-UAS System detects and classifies small drones.</u>

Pharmaceuticals – Oncology I

Overview

Company	Information
<u>Abalos Therapeutics</u>	<u>Abalos Therapeutics has harnessed the unique immune stimulation of the arenavirus to develop a novel anti-cancer approach that provides the full breadth of the immune system's power specifically against cancer cells.</u>
<u>Akribion Therapeutics</u>	<u>Abalos Therapeutics has harnessed the unique immune stimulation of the arenavirus to develop a novel anti-cancer approach that provides the full breadth of the immune system's power specifically against cancer cells.</u>
<u>SRTD biotech</u>	<u>SRTD biotech is developing the first mRNA based pro-drug platform.</u>
<u>Tacalyx</u>	<u>Tacalyx researches and develops therapeutics targeting TACAs (tumor-associated carbohydrate antigens). These strongly tumor-specific structures are synthesized by cancer cells and contribute significantly to its virulence and metastasis.</u>
<u>Thermosome</u>	<u>Thermosome develops novel drugs for locally-advanced solid tumors by using nanocarriers for heat-induced local drug delivery and thereby reaches up to 15 fold higher local drug concentrations.</u>

Pharmaceuticals – Oncology II

Company	Information
<u>Tubulis</u>	<u>Tubulis generates uniquely matched protein-drug conjugates by combining proprietary novel technologies with disease-specific biology. Our goal is to expand the therapeutic potential of antibody drug conjugates (ADCs) ushering in a new era and delivering better outcomes for patients.</u>
<u>Umlaut.bio</u>	<u>Umlaut.bio GmbH develops small molecules that are intended to be used as first-in-class therapeutics against a variety of diseases. The focus is on the “umlauts” of the genetic code – chemically modified RNA nucleotides.</u>
<u>WMT</u>	<u>WMT develops small molecules for cancer indications by targeting the Warburg Metabolism.</u>

Pharmaceuticals – Immunology I

Company	Information
<u>ActiTrex</u>	<u>ActiTrex develops ATreg, a cell therapy based on activated regulatory T cells that are stimulated using a proprietary process, for the treatment of transplant rejection, primarily in the field of stem cell transplantation, and autoimmune disorders.</u>
<u>Immunic</u>	<u>Immunic Therapeutics is a clinical-stage biotech company with a pipeline of selective oral immunology therapies aimed at treating chronic inflammatory and autoimmune diseases.</u>
<u>Kupando</u>	<u>Kupando is a pioneering biopharmaceutical company developing TLR 4/7 agonists that stimulate innate immunity for use in oncology and infectious diseases.</u>
<u>mbiomics</u>	<u>Mbiomics is a Munich based microbiome startup company which was founded in 2020. With its proprietary microbiome profiling technology at hand, mbiomics is uniquely positioned to understand microbiome modulation and to design effective microbiome therapies.</u>
<u>MDTB</u>	<u>The MDTB Cell Manufacturing GmbH is focused on the industrial-scaled and cost-effective Good Manufacturing Practice (GMP) production of Desacell® in Germany.</u>

Pharmaceuticals – Immunology II

Company	Information
<u>Phialogics</u>	<u>Phialogics is an innovative start-up in the field of autoimmune diseases. Founded in 2021 by a team of widely recognized experts in protein engineering and immunology, the company based in Basel (CH) and Heidelberg (GER) is committed to making a decisive contribution to the autoimmune disease space.</u>
<u>SciRhom</u>	<u>SciRhom GmbH is a therapeutic antibody company developing first-in-class antibodies against iRhom2, a key modulator of several major pro-inflammatory signaling pathways, including TNF-alpha signaling.</u>
<u>Tolerogenixx</u>	<u>TolerogenixX GmbH has developed a patented and clinically tested cell therapy technique for individualised immunosuppression in transplant patients. The technique enables the targeted disabling of undesired reactions caused by the immune system's defences.</u>

Pharmaceuticals – Neurology

Company	Information
<u>InCephalo</u>	<u>InCephalo develops exclusively local treatments for neurological diseases, with a focus on cancers in the brain (primary brain cancers as well as secondary brain cancers).</u>
<u>FundaMental Pharma</u>	<u>FundaMental Pharma GmbH (FMP) is developing new types of drugs that act as ‘molecular spacers’ and disrupt a death signaling complex in the brain. Using this pharmacological strategy, FMP scientists succeeded in eliminating the toxic properties of the glutamate-controlled NMDA-type neurotransmitter receptor.</u>
<u>Synendos Therapeutics</u>	<u>Synendos is developing first-in-class inhibitors that modulate a newly identified drug target in the body’s endocannabinoid system, enabling restoration of endogenous cannabinoid levels that are suppressed in certain pathological conditions.</u>
<u>Trim Therapeutics</u>	<u>TRIM TX is developing best-in-class Gamma-Secretase-Stabilizers (GSS) for the prevention and treatment of Alzheimer Disease.</u>

Pharmaceuticals – Metabolic Diseases

Company	Information
<u>Alentis</u>	<u>Alentis Therapeutics discovers and develops novel medications to treat advanced liver diseases, such as liver fibrosis, cirrhosis and liver cancer (hepatocellular carcinoma, HCC).</u>
<u>HepaRegeniX</u>	<u>HepaRegeniX develops a small molecule for the treatment of liver disease like NASH. The molecular target is MKK-4.</u>
<u>Mosanna Therapeutics</u>	<u>Mosanna is a Swiss Biotech company based in Basel with a commitment to improving patient outcomes and quality of life in high unmet need diseases, applying a precision medicine approach.</u>
<u>Zedira</u>	<u>ZEDIRA is a specialist in transglutaminases and focusses on diagnostic and therapeutic applications in the indications celiac diseases (clin. phase I, partnered) and prevention of thrombosis (preclinical).</u>

Pharmaceuticals – Gene Therapy

Overview

Company	Information
<u>TQ Therapeutics</u>	<u>TQ Therapeutics GmbH (Martinsried, Germany) is a biotechnology company dedicated to advancing the field of cellular therapies through innovative technologies. The company's mission is to develop a transformative cell processing platform, enabling advanced and affordable treatments in CGT. This technology will deliver highly individualized cell therapies directly to the patient's bed-side.</u>

Pharmaceuticals – Cardiology

Company	Information
<u>AdvanceCOR</u>	<u>AdvanceCOR is a drug-developing biotech company active in the cardiovascular space. A drug candidate paired with a companion diagnostic for lesion-specific inhibition of platelets in acute vascular syndromes is currently undergoing phase II.</u>
<u>Draupnir Bio</u>	<u>Draupnir Bio is a spin out company, from Aarhus University and the Max-Planck Society and establishing itself at the forefront of protein degradation. Draupnir's novel and proprietary platform technology is enabling the development of protein degraders that target extracellular disease proteins, with potential to target 40% of the human proteome and offering broad disease applicability across multiple areas.</u>
<u>Omeicos</u>	<u>OMEICOS Therapeutics is focused on developing therapies that have the potential for a significant impact on cardiovascular, inflammatory and mitochondrial diseases with high unmet need. The pipeline is based on our proprietary approach to target one of nature's most important cell-protective pathways and industry-leading knowledge of omega-3 fatty acid metabolism and biology.</u>
<u>Pantherna Therapeutics</u>	<u>Pantherna Therapeutics is developing first-in-class mRNA-therapeutics restoring endothelial function and treating vascular diseases.</u>

Pharmaceuticals – Infectious Diseases

Overview

Company	Information
<u>Smartbax</u>	<u>smartbax is developing a new generation of antibiotics to address the increasing spread of multidrug-resistant bacteria</u>

Pharmaceuticals – Drug Delivery

Company	Information
<u>Biograil</u>	<u>Biograil is using advanced injection molding for oral delivery of biologics. The company is developing a device transforming the market of injectable pharmaceutical products into convenient oral capsules.</u>
<u>Cutanos</u>	<u>Cutanos uses a modular and highly flexible drug delivery system to deliver cargos such as small molecules, peptides, or mRNA to Langerhans Cells and thereby modulate the immune system. This technology could be used to develop therapeutic or prophylactic vaccines against various infectious, oncologic or autoimmune diseases.</u>
<u>Refoxy Pharma</u>	<u>Refoxy is the first biotech company purposely developing FOXO3 activators to leverage the therapeutic effects related to this master regulator of biological homeostasis. Refoxy's discovery platform, F.act finder (FOXO activator finder), delivers molecules that specifically modulate FOXO3 and elicit unique therapeutic effects.</u>

Pharmaceuticals – Hearing loss + Pain + Regulatory

Overview

Company	Information
Hearing loss	
<u>AudioCure</u>	<u>AudioCure Pharma specializes in the preclinical and clinical development of small molecules for the treatment of audiological and neurodegenerative diseases like sudden hearing loss, tinnitus and Parkinson's disease. In sudden hearing loss, clinical Phase II starts in 2022.</u>
Pain	
<u>Algiax</u>	<u>Algiax Pharmaceuticals is a clinical-stage biotechnology company dedicated to treat diseases with a high unmet medical need. Algiax' lead candidate AP-325 is a small-molecule GABAA receptor modulator in clinical development as a therapy for neuropathic pain.</u>
Regulatory	
<u>Innerspace</u>	<u>Innerspace develops novel, psychologically based training solutions for highly critical applications in the life science industry.</u>

Pharmaceuticals – Rejuvenation

Company	Information
<u>Sirana Pharma</u>	The mission of Sirana Pharma is to develop therapies for unmet medical needs in musculoskeletal diseases. To accomplish our mission, we pioneer novel biological approaches and mechanisms to generate innovative first-in-class drugs that improve the integrity and function of diseased skeletal muscle and bone tissues.
<u>Refoxy Pharma</u>	<u>Refoxy is the first biotech company purposely developing FOXO3 activators to leverage the therapeutic effects related to this master regulator of biological homeostasis. Refoxy's discovery platform, F.act finder (FOXO activator finder), delivers molecules that specifically modulate FOXO3 and elicit unique therapeutic effects.</u>

MedTech – New Materials I

Company	Information
<u>Intelligent fluids</u>	<u>Bubbles & beyond has developed a unique technology platform that enables the design, fine-tuning and stabilization of liquids (nanoemulsions, microemulsions and phasefluidsystems) as well as special foams, so called “intelligent fluids”.</u>
<u>LignoPure</u>	<u>LignoPure GmbH is a spin-off of the TU Hamburg that enables the valorization of Lignin, a byproduct of ethanol biorefineries and the pulp and paper industry, via a proprietary technology. The startup is pioneering in the use of lignin in care products and biobased high-performance materials</u>
<u>Nebula Biocides</u>	<u>With the aim of providing comprehensive protection against infectious pathogens, Nebula Biocides develops application-oriented disinfection solutions that reliably kill not only bacteria and viruses but also persistent bacterial spores.</u>
<u>Smarterials</u>	<u>Smarterials Technology GmbH develops disposable double-layer gloves for healthcare workers based on innovative materials. The gloves are optimized for infection control, provide improved tactile sensitivity and visually indicate perforations from needle punctures.</u>

MedTech – Patient Monitoring



Company	Information
<u>Implandata</u>	<u>IOP GmbH will initiate a paradigm change in glaucoma therapy by its products for telemetric, 24 hour monitoring of intraocular pressure, allowing personalized patient management.</u>
<u>InContAlert</u>	<u>InContAlert sensor system empowers patients with neurogenic bladder dysfunction to manage their bladder on a needs-based basis.</u>
<u>Lindis Blood Care</u>	<u>Lindis Blood Care is developing a medical device to be used in oncology for the operation of tumours in order to open up the possibility of self-blood administration of blood collected during the operation.</u>

MedTech – Rehabilitation

Overview

Company	Information
<u>Altavo</u>	<u>Altavo is a Dresden based medical technology startup. Based on non-invasive radar sensing and AI algorithms for speech recognition and synthesis, Altavo is developing prosthetics to improve the rehabilitation of voiceless people, for example after laryngectomy.</u>

MedTech – Orthopedics / 3-D-Printing + Endoscopy

Company	Information
Orthopedics / 3-D-Printing	
<u>Inovedis</u>	<p><u>Inovedis is developing a new surgical technique for rotator cuff ruptures based on a PEEK implant. This injury is by so far the most typical shoulder injury. The patented SINEFIX implant system allows refixation of the tendon with a simplified surgical technique and is optimized for minimally invasive surgery.</u></p>
<u>stimOS</u>	<p><u>stimOS develops and markets (r)evolutionary technologies that functionalize implant materials and offers these technologies to implant manufacturers. With the product lines spineFuse and smartDENT the company develops own biosimilar implant systems.</u></p>
Endoscopy	
<u>Symphera</u>	<p><u>Symphera is a Munich-based startup that is revolutionizing laparoscopic surgery with an innovative system designed to eliminate the need for manual instrument changes.</u></p>

MedTech – Gastrointestinal Devices

Company	Information
<u>Trans-Duodenal Concepts</u>	<u>The Trans-Duodenal Barrier developed by TDC is a patented endoscopic transduodenal bypass implant for combined diabetes/obesity therapy that atraumatically prevents nutrient absorption in the duodenum and delays gastric emptying.</u>
<u>Sedivention</u>	<u>Sedivention is developing a medical device for a new therapy of obesity. The Blizzard cryocatheter freezes the nerve branches, that transmit an increased, inadequate feeling of hunger to the brain in obese people, from inside the stomach.</u>

MedTech – Cardiac Devices I

Company	Information
<u>Angiolutions</u>	<u>Angiolutions specializes in device-based innovation in vascular medicine. Through its latest award-winning technology, the company aims to prevent the deadly progression of small abdominal aortic aneurysms.</u>
<u>Argá Medtech</u>	<u>Argá Medtech, developing the next generation Cardiac Ablation system for the treatment of Atrial Fibrillation and other arrhythmias. A safer, simpler, faster and more effective procedure for the benefit of millions of patients living with AF.</u>
<u>Coramaze</u>	<u>To address this high medical need, coramaze technologies focuses on developing its mitramaze® valve repair system to allow for a minimally invasive transcatheter implantation into the beating heart.</u>
<u>CryoTherapeutics</u>	<u>CryoTherapeutics develops a proprietary cryotherapy system for applications in the treatment of coronary artery disease that causes heart attacks.</u>
<u>Lymphatica</u>	<u>Lymphatica Medtech develops the worldwide first active lymphatic bypass for the treatment of chronic lymphedema, a disabling disease affecting millions of people worldwide.</u>

MedTech – Cardiac Devices II

Company	Information
<u>NovaPump</u>	<u>NovaPump develops pump catheter for right- and bi-ventrikular heart support. The device can be used for planed surgery (i.e. decompensated heart failure) or in emergency medicine (cardiogenic shock, infarction).</u>
<u>Curotis (Vacis)</u>	<u>VACIS is the leading tissue engineering company for body-own blood vessels. The VACIS technology uses a synthetic rod which induces the formation of a new fully functional blood vessel providing novel therapeutic options for vascular surgery.</u>

MedTech – Imaging & Navigation

Overview

Company	Information
<u>mediaire</u>	<u>Mediaire develops AI-based software to analyse MRI imaging for brain volumetry and lesion characterization.</u>
<u>Raydiac</u>	<u>The focus of technical development is on both the hardware and software areas of computed tomography scanners..</u>

MedTech – Neuromodulation

Company	Information
<u>CereGate</u>	<u>CereGate is developing a Computer-Brain-Interface (“BCI”) platform that is already capable to successfully submit information into the human brain. First application is freezing of gait (fog).</u>
<u>CorTec</u>	<u>CorTec develops a neurotechnological platform for the measurement and stimulation of brain activity. It can be applied in different areas of therapy, rehabilitation or assistant techniques.</u>
<u>WISE</u>	<u>WISE develops next-generation electrodes for neurostimulation that are elastic and resist stretching without the risk of dislocation or electrical failure.</u>

MedTech – Emergency Care

Company	Information
<u>HBOX</u>	<u>HBOX Therapies has developed a technology that facilitates lung-protective treatment of respiratory patients, the patented platform technology HBOX (Hyperbaric Blood Oxygenation). The management team of HBOX Therapies consists of the founders and shareholders Dr. Peter Schlanstein, Dr. Matthias Menne and Niklas Steuer.</u>
<u>O11 biomedical</u>	<u>O11 biomedical, a visionary medical technology start-up that emerged as part of BioTex at RWTH Aachen University/ University Hospital Aachen 2022, aims to improve survival rates and quality of life for patients struggling with severe respiratory distress.</u>

MedTech – Aesthetics

Overview

Company	Information
<u>Skinuvita</u>	<u>Skinuvita is a digital care model for the home use of phototherapy for chronic skin conditions such as psoriasis and neurodermatitis. With the innovative telemedicine system, the prescribed dose is automatically transmitted to smart therapy devices and ongoing dermatological care is guaranteed.</u>

Diagnostics I

Company	Information
<u>Epignostix</u>	<u>Heidelberg Epignostix is a healthcare company whose mission is to transform cancer diagnostics through data science. The company has developed novel AI-based bioinformatics algorithms with utility in cancer classification for improved accuracy in cancer diagnosis, prognosis and therapy management.</u>
<u>hema.to</u>	<u>hema.to is an easy-to-use software for clinical decision support for blood cancer from cytometry data using AI. hema.to makes the diagnostic workflow both faster and better, helping both diagnosticians as well as patients.</u>
<u>miRdetect</u>	<u>miRdetect is a biotechnology company founded in 2016, with the aim to revolutionise cancer diagnostics. The focus is on development, production and distribution of in-vitro diagnostics based on molecular diagnostic methods.</u>
<u>noscendo</u>	<u>Noscendo changes the way infection causative microbes are identified. Through a paradigm shift we introduce by using proprietary algorithms and software harnessing next generation sequencing, we identify pathogens from cell free nucleic acids in patient samples and thereby aid intensive care clinicians in their daily task to find the right decisions, enabling a targeted and successful treatment in an actionable timeframe.</u>

Diagnosics II

Company	Information
<u>Refined Laser Systems</u>	<u>Refined Laser Systems GmbH, based in Münster, Germany, was founded in 2019 as a spin-off from University of Münster by Max Brinkmann, Tim Hellwig and Christoph Seidenstücker. The company's core expertise is the development of laser and microscopy technology. The company's innovative PICUS DUO and PICUS Q laser systems are used worldwide as key components for SRS microscopy and quantum technology.</u>

R&D Tools I

Company	Information
<u>Aignostics</u>	<u>Aignostics uses Explainable AI to find new biomarkers in pathology and support pharmaceutical companies in oncology drug development.</u>
<u>denovoMATRIX</u>	<u>denovoMATRIX develops and manufactures biomimetic coatings for the cultivation of human stem cells. The focus is on enabling culture conditions for stem and primary cells closer to the natural conditions found in the body.</u>
<u>DNTOX</u>	<u>DNTOX GmbH was founded in March 2022 as a spin-off from the IUF - Leibniz Institute for Environmental Medicine Research and is based on the longstanding research work of Professor Dr. Ellen Fritsche, medical scientist and toxicologist at the IUF.</u>
<u>DyNABind</u>	<u>DyNABind is offering innovative drug discovery products and services based on its proprietary Dynamic DNA-Encoded Library (D-DEL) technology platform.</u>
<u>faCellitate</u>	<u>faCellitate develops patented polymeric surface coatings for plastic and glassware enabling 3-dimensional cell culture, amongst other uses. Initially, the technology was developed at the BASF research department for polymers.</u>
<u>IRUBIS</u>	<u>Irubis has developed Monipa, a mid-IR based, plug-and-play process analysis technology for continuous and automated monitoring of various parameters in bioreactors without the need for prior costly calibration.</u>

R&D Tools II

Company	Information
<u>mo:re</u>	<u>mo:re has developed a groundbreaking lab platform, combining automation and software for planning, executing, and analysis of cell culture studies. The user-friendly platform aims to simplify cell</u>
<u>Navan</u>	<u>NAVAN, Inc. is an enabling technology company commercializing a novel non-viral delivery platform to radically accelerate genetic engineering of human primary cells.</u>
<u>PEPperPRINT</u>	<u>PEPperPRINT produces customized ultra-high density peptide microarrays and uses individualized peptide libraries for drug development, antibody characterization, and protein biomarker discovery.</u>
<u>PreComb</u>	<u>PreComb specializes in functional personalized oncology. The company's proprietary 3Dtwin® technology enables the automated generation and analysis of patient-specific functional therapy profiles of solid tumors directly in the clinics and creates a unique drug response database.</u>
<u>Resolve Biosciences</u>	<u>Resolve Biosciences is creating solutions which offer the power of Molecular Cartography enabling scientists to gain valuable insights at subcellular resolution, across vast numbers of biomolecules (RNA, DNA, proteins) to create three-dimensional maps of molecular activity in living cells.</u>
<u>Signatope</u>	<u>Signatope develops highly specific and cross-species assays for the detection of protein biomarkers in biological fluids to predict drug toxicity in drug development.</u>

Digital Health I

Company	Information
<u>Advanova</u>	<u>ADVANOVA offers the first completely mobile electronic patient chart for hospitals (Vmobil) that is able to fully substitute the paper-based chart.</u>
<u>Avelios</u>	<u>Avelios Medical offers a modular software platform for the digitization of workflows in hospitals and data-driven patient care.</u>
<u>Carelane</u>	<u>Carelane is a health tech startup focused on addressing the inefficiencies in clinical trials by integrating multiple essential functions into a single, streamlined system, thereby digitizing study protocols and processes.</u>
<u>C-Mo</u>	<u>C-mo Medical Solutions is an award-winning start-up that is unravelling the potential of assessing cough towards improved diagnosis, treatment courses and disease management. C-mo is developing an innovative cough monitoring medical device.</u>
<u>CustomSurge</u>	<u>CustomSurg, founded in 2021, is a Spin-Off from ETH Zurich and Harvard University. The company is developing software-as-a-medical-device (SaMD) solutions for the optimal selection and placement of orthopaedic implants in the human body, thereby making surgery safer, faster, and simpler.</u>

Digital Health II

Company	Information
<u>Ebenbuild</u>	<u>Ebenbuild is a health tech pioneer that creates personalized treatment recommendations for mechanical ventilation and ICU patient care for clinical users. The company develops software tools that generate precise patient-specific simulation models of lungs based on patient data, so-called digital twins of the lungs.</u>
<u>Hypros</u>	<u>Hypros uses its strong expertise in IoT to develop user-friendly and assistive technologies for hospitals. NosoEx® is the digital assistant for hygiene and a proven solution for infection prevention which can be seamlessly integrated into the existing infrastructure of hospitals and nursing homes.</u>
<u>HRTBT</u>	<u>HRTBT medical solutions enables digital anamnesis and a system for digital follow-on care of patients (Patient Related Outcome Measures) after surgical interventions as well as documentation even within surgery.</u>
<u>Kranus Health</u>	<u>Kranus Health aims to help men lead healthier and longer lives through access to the latest medical care.</u>
<u>neotiv</u>	<u>Neotiv's work focuses on the development of a digital assistant that can monitor and aid users' memories and provide support for patients with dementia. neotiv is also designed to improve the early detection of Alzheimer's dementia and to facilitate efficacy monitoring for new therapies as they become available in the future.</u>

Digital Health III

Company	Information
<u>Nia Health</u>	<u>Nia Health is a spin-off of the Charité Universitätsmedizin Berlin. The start-up develops a clinical diagnosis and therapy system for the continuous digital support of patients with chronic skin conditions.</u>
<u>Nuuron</u>	<u>Nuuron was founded by Fabian Queisner and Dr. Markus Müschenich. The scientific director is Priv.-Doz. Dr. Julian Keil. The Nuuron team consists of experts in the fields of neuroscience, medicine, neuroinformatics, machine learning and public health.</u>
<u>PMS</u>	<u>Personal MedSystems develops and sells a mobile 12-lead-ECG app (generated with 4 electrodes attached to your smart phone) for the early detection of heart attacks.</u>
<u>PraxisEins</u>	<u>PraxisEins is a health tech start-up founded in 2022 with the aim of solving the looming care vacuum in the GP sector across Germany.</u>
<u>Preventicus</u>	<u>Preventicus develops a smartphone-based solution to measure vital signs making a pre-clinical screening for risk factors of modern lifestyle diseases possible.</u>

Green Biotech & Industrial Biotech

Company	Information
<u>COLIPI</u>	<u>Hamburg-based COLIPI is developing an industrial biotechnological process that transforms climate-damaging CO2 and carbon-containing industrial waste into Climate Oil. This product serves as a sustainable and climate-neutral alternative to palm oil and crude oil.</u>
<u>Hapila</u>	<u>Hapila's counter-current crystallisation process provides a cost effective procedure for purification of active pharmaceutical ingredients, completed by experience in synthesis and particle design.</u>
<u>numaferm</u>	<u>Numaferm unlocks the power of peptides, peptin and proteins. The expression platform Numatech provides customers access to their peptides and proteins - at highest qualities, within weeks, in a sustainable way.</u>

Agriculture, Agritech & Animal Health

Company	Information
<u>Bind-X</u>	<u>Bind-X is using biotechnology to offer a radically different approach to prevent weed growth. Instead of the use of an active substance to kill weeds, Bind-X's weed management products impede growth of unwanted plants by inducing a physical, semi-permeable layer within the soil. The effectiveness of this novel approach has been tested worldwide in +100 large-scale field tests on multiple target crops (pre- and post emergence). The production capacities are up and running.</u>
<u>Performanat</u>	<u>PerformaNat develops proprietary products for the animal health and nutrition market. The company is focused on research and development of innovative, tailor-made feed additives with known mode of action to provide highly efficient solutions for livestock farming.</u>
<u>Verovaccines</u>	<u>VEROVACCiNES, a German biopharmaceutical company discovers and develops innovative vaccine solutions to protect animals against infectious diseases. Based on the proprietary yeast based technology subunit marker vaccines can be developed effectively and scalable.</u>
<u>Zymofix</u>	<u>Founded as N-Fix, Zymofix specializes in scaling the production of beneficial microorganisms by fermenting biomass residues. The company was supported in its pre-seed stage by biotope by VIB, which helped Zymofix successfully develop its proprietary technology platform.</u>

Chemistry – Energy

Company	Information
<u>Heliatek</u>	<u>Heliatek is the global leader in Organic Solar Films and will enable net-zero energy buildings by its ultra-green and -clean (lowest carbon-footprint over full-life-cycle) innovative solutions for virtually every surface of buildings and structures.</u>
<u>Ineratec</u>	<u>Ineratec has developed a technology to convert CO2 from the atmosphere into fuel in a decentralized manner, thus making an essential contribution to the decarbonization of society.</u>

Chemistry – Recycling

Company	Information
<u>EEDEN</u>	<u>EEDEN developed a chemical upcycling process for textile waste, recovering its resources. In this way, new, high-quality textiles can be created again from old textiles.</u>
<u>ESy-Labs</u>	<u>With electrosynthesis as its central technology, ESy-Labs is working towards playing a decisive role in shaping the energy transition for the German industry.</u>
<u>Resourcify</u>	<u>Resourcify provides a cloud-based platform that allows companies to manage their waste and recycling operations online, bringing transparency and efficiency to waste management.</u>
<u>saperatec</u>	<u>saperatec separates multilayer composite systems for the recovery of valuable secondary raw materials. The microemulsion-based technology has been optimized for the recycling of packaging materials, beverage cartons and laminated safety glass and is now being marketed internationally.</u>

Chemistry – Water & Mining

Company	Information
<u>Bind-X</u>	<u>Bind-X applies biotechnology in the mining industry to control dust cheaper & greener than current methods by turning sand into stone using a bacterial solution.</u>

Chemistry – Industrial Biotech

Company	Information
<u>Hapila</u>	<u>Hapila's counter-current crystallisation process provides a cost effective procedure for purification of active pharmaceutical ingredients, completed by experience in synthesis and particle design.</u>
<u>numaferm</u>	<u>Numaferm unlocks the power of peptides, peptin and proteins. The expression platform Numatech provides customers access to their peptides and proteins - at highest qualities, within weeks, in a sustainable way.</u>

Chemistry – Food, Nutrition & Personal Care

Company	Information
<u>Computomics</u>	<u>Computomics is a spin-off of the University of Tübingen and the Max Planck Institute for Developmental Biology. Computomics was founded in 2012, when it became clear that a breakthrough in DNA sequencing and the scientific work of its founders would also allow seed manufacturers to use state-of-the-art bioinformatics analysis.</u>
<u>Cultimate Foods</u>	<u>Cultimate Foods is a cellular agriculture company that creates alternative fat ingredients for plant-based meat products. Unlike other fat alternatives, this company creates a unique lipid composition of the fat delivering authentic pork and beef flavor.</u>
<u>PerformaNat</u>	<u>PerformaNat develops proprietary products for the animal health and nutrition market. The company is focused on research and development of innovative, tailor-made feed additives with known mode of action to provide highly efficient solutions for livestock farming.</u>
<u>Zymofix</u>	<u>Founded as N-Fix, Zymofix specializes in scaling the production of beneficial microorganisms by fermenting biomass residues. The company was supported in its pre-seed stage by biotope by VIB, which helped Zymofix successfully develop its proprietary technology platform.</u>

Chemistry – Surface Technologies

Company	Information
<u>Intelligent Fluids</u>	<u>bubbles & beyond has developed a unique technology platform that enables the design, fine-tuning and stabilization of liquids (nanoemulsions, microemulsions and phasefluidsystems) as well as special foams, so called “intelligent fluids”.</u>
<u>i3 Membrane</u>	<u>i3 Membrane develops, manufactures and distributes a new, environment-friendly metallic membrane for laboratory and biotechnological applications.</u>
<u>StimOS</u>	<u>stimOS GmbH develops innovative technologies that functionalize implant materials. StimOS offers this technology to implant manufacturers. With the product line spineFuseMBT, the company develops spinal fusion implants.</u>

Chemistry – New Materials I

Company	Information
<u>BIOVOX</u>	<u>BIOVOX GmbH is the trailblazer in the development of sustainable medical grade bioplastics. The company's mission is to lead the way in providing high-quality, low-carbon and biocompatible materials for the healthcare industry, according to the VDI 2017 standard.</u>
<u>LignoPure</u>	<u>LignoPure GmbH is a spin-off of the TU Hamburg that enables the valorization of Lignin, a byproduct of ethanol biorefineries and the pulp and paper industry, via a proprietary technology. The startup is pioneering in the use of lignin in care products and biobased high-performance materials</u>
<u>PlastFormance</u>	<u>PlastFormance develops, produces and markets unique polymer compounds for high-tech applications. The patented PlastFormance technology makes it possible to incorporate unprecedented amounts of ceramic and metallic fillers into a wide variety of plastics.</u>
<u>ReCatalyst</u>	<u>ReCatalyst is on a mission to revolutionize the proton exchange membrane fuel cell industry by providing customizable next-generation platinum-alloy catalyst solutions.</u>
<u>Smarterials</u>	<u>Smarterials Technology GmbH develops disposable gloves for healthcare workers based on innovative materials.</u>

Chemistry – New Materials II

Company	Information
<u>traceless materials</u>	<u>The circular bioeconomy startup traceless materials has developed a holistically sustainable alternative for plastics and bioplastics that is fully compostable in nature, contributing to solve the global plastic pollution.</u>
<u>WPX</u>	<u>WPX Faserkeramik GmbH significantly improves energy efficiency and product quality in industrial heat treatment processes for metals by providing oxide fiber ceramic components made of patent registered Whipox® high performance ceramics</u>

Chemistry – Digital Chemistry

Company	Information
Sensor- & Measurement Techniques R&D Processes & Logistics	
<u>GrandPerspective</u>	<u>The Grandperspective GmbH was founded in Berlin in 2018 with the purpose of protecting people and the environment. Grandperspective is introducing revolutionary remote sensing technology into a highly professional market with severe hazard potentials.</u>
<u>NOVUM</u>	<u>Novum offers through AI and a hardware module exact battery monitoring that enables 15% more capacity usage and 20% longer lifetime. The on-site instant battery characterisation enables multiple second-life use cases for batteries with a strong sustainability impact and increased safety against fire or explosions.</u>
<u>Plasmion</u>	<u>Plasmion GmbH developed an „electronic nose sensor“ based on mass spectrometry.</u>
R&D Processes & Logistics	
<u>tracekey</u>	<u>tracekey offers a smart and lean track and trace solution as a Software-as-a-Service (SaaS) which enables customers to make each product unique, distinctive and unequivocally verifiable in order to create and document an unbroken traceability.</u>

Chemistry – Sustainability

Company	Information
Sustainability	
<u>Flowtify</u>	<u>Flowtify helps in implementing HACCP documents in a complete and traceable fashion in accordance with EU Regulation 852/2004 on tablets and smartphones.</u>
<u>Resourcify</u>	<u>Resourcify provides a cloud-based platform that allows companies to manage their waste and recycling operations online, bringing transparency and efficiency to waste management.</u>
<u>Simreka</u>	<u>Simreka is a data-driven simulation platform that accelerates materials and manufacturing process innovation using AI by empowering brands and manufacturers reducing their R&D cycles and time-to-market.</u>

Chemistry – Simulations and Quantum Chemistry

Company	Information
Simulations and Quantum Chemistry	
<u>HQS Quantum Simulations</u>	<u>HQS develops algorithms for quantum computers to predict material properties. This can be used to accelerate development cycles, especially in the chemical and pharmaceutical industries. The algorithms avoid the intrinsic errors of current quantum computers and thus make it possible to use the performance advantages of quantum computing already today.</u>
<u>ai predict</u>	<u>ai-predict has developed a software platform that calculates the properties of a product in the specialty chemicals industry. Existing customer data (e.g. formulations and laboratory data) is used to calculate new formulations.</u>

Fin Tech & Insur Tech I

Company	Information
<u>anybill</u>	<u>The goal of anybill is to provide digital receipts to every payment - in merchant apps, banking and payment apps, or without any app - wherever the consumer of tomorrow expect receipts.</u>
<u>Banxware</u>	<u>Banxware is a software provider for Embedded Financial Services that enable digital platforms such as marketplaces, payments providers, POS providers, and other aggregators to offer white label financial products, especially loans to merchants.</u>
<u>Cerchia</u>	<u>Cerchia AG was founded in 2020 by two Swiss capital markets and risk management veterans, Michael Rey (CEO) and Dr. Fabian Buchmann (COO). With the vision to create a more resilient world by enabling direct risk transfer between investors and buyers of insurance coverage (e.g. reinsurers or corporates). Cerchia has developed a proprietary direct risk transfer platform (DRTTM) on the Zilliqa Blockchain.</u>
<u>fin:marie</u>	<u>FinMarie is one of the first financial providers of its kind in Europe specifically geared towards women. The product portfolio today includes, in addition to classic financial coaching, various Robo Advisors, but also an e-learning community and other offers in the area of financial education.</u>
<u>ICO-LUX</u>	<u>ICO-LUX is specialized in software for automated document forensics. With ICO.Fraud for private health insurance companies, the start-up is the only provider of a software solution for fully automatic detection of forged documents to date.</u>

FinTech & InsurTech II

Company	Information
<u>Relio</u>	<u>Relio is developing the first Swiss digital account specifically for SMEs. Relio's technological platform allows compliance to be largely automated. As a result, even complex companies can open a business account within 24h without increasing Relio's risk.</u>
<u>Remind.me</u>	<u>Remind.me is the contract assistant for B2C customers. Remind.me brings transparency in the customer's subscription and contract chaos, simplifies tariff changes and helps to facilitate permanent cost savings for gas and electricity rate, energy, mobile, insurance, gym and many more. The assistant reminds the customer of notice periods, curates the best alternatives and automatically takes care of tariff changes.</u>
<u>SmartLoC</u>	<u>SmartLoC is a pioneering startup focused on developing a modern and fully digital B2B payment solution tailored for international trade. Leveraging advanced technologies such as IoT, blockchain and AI, SmartLoC aims to streamline and digitize the process of cross-border transactions, empowering businesses with a seamless, secure, and efficient payment platform..</u>

FinTech & InsurTech III

Company	Information
<u>Taxdoo</u>	<u>Taxdoo's API-based platform enables online retailers and other companies to meet their international VAT obligations as part of an automated process.</u>
<u>Tokenize.it</u>	<u>Tokenize.it is a platform for token-based investments in German startups, developed by corpus GmbH, a company founded in 2022 by Christoph Jentsch in Mittweida. With currently eight employees, Tokenize.it offers an innovative solution for companies seeking capital and investors.</u>
<u>Troy</u>	<u>The FinTech company troy is changing the traditional debt collection industry with methods from marketing and CRM. The aim of the is to maintain the relationship between the company and the customer in addition to the realisation of the receivables.</u>

EdTech & HR-Solutions I

Company	Information
<u>bunch.ai</u>	<u>Bunch is a Berlin based startup using cutting edge NLP/ML technology combined with validated organizational psychology to help teams and leaders to learn about their workstyles, decision-making priorities, team dynamics and to understand what your team needs in future hires</u>
<u>become.1</u>	<u>become.1 makes employee benefits easy. The all-in-one benefits platform from become.1 stands for minimal administrative effort for employers with maximum flexibility for employees.</u>
<u>Clickworker</u>	<u>clickworker offers scalable solutions relating to text creation and optimization, web research, product data maintenance, surveys, categorization and tagging in 18 languages and in more than 30 target markets.</u>
<u>DeepSkill</u>	<u>The Cologne-based EdTech start-up DeepSkill is a digital platform for holistic personnel development.</u>
<u>doinstruct</u>	<u>The software enables companies to train their employees and service providers by smartphone, across supply chains and in any location. The primary goal is to offer a unique user-centric training software that can easily be implemented in companies and reaches 100% of all employees.</u>
<u>EMERGE</u>	<u>The startup is developing an AI-supported HR co-pilot for (craft) SMEs with a range of services from recruitment and retention to onboarding, enabling holistic, automated and individual talent journeys.</u>

EdTech & HR-Solutions II

Company	Information
<u>Innerspace</u>	<u>Innerspace develops novel, psychologically based training solutions for highly critical applications in the life science industry.</u>
<u>Jobleads</u>	<u>JobLeads is the first quality controlled online recruiting channel allowing companies to systematically use the power of personal referrals to get cheaper and faster access to highly qualified candidates.</u>
<u>MoBerries</u>	<u>MoBerries is an on demand recruitment network. The largest talent pool of actively looking, referred candidates. All member companies exchange candidates for urgent to be placed positions.</u>
<u>Sdui</u>	<u>Sdui is the digital platform for secure communication and organisation in schools. With the web-based app, students, teachers and parents can interact with each other easier than ever before.</u>
<u>Skoove</u>	<u>Skoove makes music education fun, effective and accessible for everybody. With Skoove's interactive apps anyone can learn to play piano and guitar. Go to www.skoove.com and join the world's first interactive online piano courses.</u>
<u>Industrial Technology and Witchcraft</u>	<u>Founded by Thilo Hardt and Tony Twyman, two veterans of the startup ecosystem of Berlin. Both are software developers at heart and eager to make great games that a new generation of kids will soon recall as part of their youth.</u>

Health & Life Sciences I

Company	Information
<u>Asana Rebel</u>	<u>ASANAYOGA is a leading online player for Yoga. The company focuses on providing the best content, products and services in the yoga vertical. ASANAYOGA is offering an online magazine, a yoga shop and a yoga coaching app called Asana Rebel.</u>
<u>Avelios</u>	<u>Avelios Medical offers a modular software platform for the digitization of workflows in hospitals and data-driven patient care.</u>
<u>DearEmployee</u>	<u>DearEmployee is the platform for mental health at the workplace. The Corporate Health Start-Up supports employers in creating healthy and motivating work environments for their employees in order to reduce mental illness and to increase employee productivity.</u>
<u>Doctorflix</u>	<u>Doctorflix combines extensive experience and deep understanding of the medical and technological sectors to transform medical education. With a broad spectrum of content including on-demand videos, live events, articles, and podcasts, Doctorflix enables healthcare professionals to translate theoretical knowledge into practical application.</u>
<u>eGym</u>	<u>eGym designs, manufactures and sells modern high-tech products for the fitness market. The products include fully electric fitness machines, the eGym PREMIUM software, the eGym trainer app and eGym.de – the hub for personal fitness online.</u>

Health & Life Science II

Company	Information
<u>Kranus Health</u>	<u>Kranus Health aims to help men lead healthier and longer lives through access to the latest medical care.</u>
<u>PraxisEins</u>	<u>PraxisEins is a health tech start-up founded in 2022 with the aim of solving the looming care vacuum in the GP sector across Germany.</u>
<u>trait</u>	<u>TRAIT is based in Berlin and was founded by Raphael Jung and Matthias Ettrich. Since 2021, the company operated under the name "Twaiv" and focused on AI-generated, adaptive training plans, before relaunching under the name TRAIT in July 2024.</u>
<u>fairCamper (WOBI)</u>	<u>FairCamper (also known as WOBI in the DACH countries) is a portal for renting mobile homes and campers easily, cheaply and safely, which has been established on the market since 2018. WOBI fairCamper operates across Germany; from 2021 rental is also planned across Europe.</u>

PropTech & ConTech I

Company	Information
<u>Casavi</u>	<u>casavi offers a digital communication and service platform for property management companies. By connecting landlords, tenants and residential service providers the casavi solution enables more cost-effective customer service processes while increasing customer satisfaction at the same time.</u>
<u>Comydo</u>	<u>Comydo offers simple and flexible access management for the housing industry and business applications</u>
<u>Dotscene</u>	<u>The minaturized and thus portable 3D laser scanner dotcube from dotscene allows for the first time the mobile and fast 3D measurement of real estate both inside and outside. Thus, for the first time, 3D digital twins of real properties can be created within minutes, in order to no longer be dependent on plans or changes that are often only partially implemented.</u>
<u>EverReal</u>	<u>EverReal helps real estate companies to process transactions faster and smarter. The cloud-based platform enables large landlords, property managers and brokers to complete rental and sales transactions with more profitability and a unique customer experience for tenants / buyers.</u>

PropTech & ConTech II

Company	Information
<u>Fair Fleet</u>	<u>FairFleet is the global one-stop store for drone services. Through its proprietary platform, FairFleet provides a decentralized pilot network and complex analytics capabilities for customers in the real estate & facility management, insurance, energy, construction and infrastructure sectors.</u>
<u>Plancraft</u>	<u>Plancraft is a ERP system for SME craftsmen. It makes fokussing on the actual work of craftsmen easy again and helps to handle administrative topics through a web-app and a mobile solution</u>
<u>UrbanGround</u>	<u>UrbanGround is a curated marketplace. Private tenants get are offered a fully digitized renting experience and landlords get a guaranteed rental income.</u>
<u>Syte</u>	<u>Syte is an AI-engine that discovers real-estate development potentials in real-time. With the local building law in mind, it understands the architecture of the city and identifies the best spatial utilisation. Taking existing buildings into account, it helps creating new living space, supporting sustainable material and reducing soil sealing.</u>

Travel

Overview

Company	Information
<u>AirGateway</u>	<u>AirGateway GmbH is a B2B airline distribution company connecting airlines with corporate, leisure, offline and online travel agents.</u>
<u>bookingkit</u>	<u>bookingkit offers online booking solution for activity providers.</u>
<u>Customer Alliance</u>	<u>Customer Alliance is a software-as-a-service solution for hotel review management. Customer Alliance enables hotels guests to write a review after their stay.</u>

Mobility I

Company	Information
<u>coModule</u>	<u>CoModule digitizes e-bikes and e-scooters using IoT components and a connectivity platform.</u>
<u>flynex</u>	<u>FlyNex, headquartered in Leipzig, offers tailored solutions and services in the field of digital data collection, analysis, and management.</u>
<u>IO-DYNAMICS</u>	<u>The IT company IO-Dynamics supports its customers in making the operation of electric vehicles in companies simple and cost-effective. Its product IO-ELON creates a link between the energy and mobility sectors, as electric vehicles are charged according to demand and in coordination with energy generation.</u>
<u>wirelane</u>	<u>Wirelane is a full-service technology provider in the field of electromobility. The company's innovative technology simplifies all aspects of EV charging, starting from the search of charging stations over an app, through to payment, billing and maintenance.</u>

Mobility II

Company	Information
<u>XOO/LEON Mobility</u>	<u>LEON Mobility was founded in 2020 by two experts from the mobility industry who had clearly identified the problem of micro mobility: there is a lack of an economical and widespread charging infrastructure for sharing scooters. With XOO, LEON Mobility is building this smart charging infrastructure for sustainable micro mobility in public spaces.</u>

E-Commerce

Company	Information
<u>All3DP</u>	<u>The English-language platform on All3DP.com provides consumers and small business users with guidance and practical information and tips as well as a curated marketplace of 3D printable designs and objects.</u>
<u>Outfittery</u>	<u>Outfittery takes the pain out of shopping for men by providing the first personal shopping service for customers, who want to be dressed well, but hate shopping.</u>
<u>Makerist (The Creative Club)</u>	<u>Makerist is a platform that offers inspiration, instructions, and all required materials – easy to understand and convenient for a clear sense of achievement from the very first DIY project.</u>

Retail Intelligence I

Company	Information
<u>7Learnings</u>	<u>7Learning offers online retailers a SaaS solution for machine learning-based pricing. The software maximizes profits and revenues and at the same time automates pricing processes</u>
<u>Crealytics</u>	<u>Crealytics enables leading international e-commerce companies to drive performance in product advertising and paid search globally in more than 20 languages. Crealytics' semantic technology automatically creates and optimises millions of tailor-made ads, helping our partners make advertising more profitable.</u>
<u>Emax</u>	<u>emax digital GmbH is a software and technology company. They develop AI-drive solutions for brands and advertising companies aimed at optimizing their presence at the digital point of sale and at increasing revenue.</u>
<u>Inventorum</u>	<u>Inventorum offers an innovative and efficient solution for local retailers to meet the modern demands of an integrated online and offline presence.</u>
<u>itembase</u>	<u>itembase developed a web application that tracks more than 2,5 million purchases a month and that helps more than 15.000 web retailers increase their margins through using the full set of itembase e-commerce solutions.</u>

Retail Intelligence II

Company	Information
<u>minubo</u>	<u>minubo is an eCommerce Intelligence “as a Service” solution particularly developed to meet online retailers specific analytics requirements.</u>
<u>POSpulse</u>	<u>POSpulse is a POS analytics company that quickly delivers transparency over the real situation at the POS to suppliers and retailers - through exhaustive real-time analyses based on crowdsourcing.</u>
<u>Spacegoats</u>	<u>With SPACEGOATS, merchants and manufactures can enlarge their distribution network in no-time. Using an exceptional partner network, customers can reach millions of consumers on the biggest marketplaces and leave the complete operation and billing to SPACEGOATS.</u>

Marketing & AdTech

Company	Information
<u>CI HUB</u>	<u>CI HUB is a software technology company based in Potsdam. The team develops cloud-based MarTech software that enables high savings in marketing.</u>
<u>Contentbird</u>	<u>Contentbird offers a SaaS-solution for the professional link management within companies: It supports companies with the planning, implementation and success evaluation of their link building processes.</u>
<u>locr</u>	<u>Geotagging of fotos: Internet platform and clients for mobile devices.</u>
<u>Storybox</u>	<u>The technology start-up from Munich offers companies an AI based Software as a Service solution for the creation and management of video content for their employees.</u>
<u>TrackScale</u>	<u>TrackScale is the agency for performance advertising marketing: supplement marketing & sportsponsoring and mobile-/ online-marketing.</u>

ESG & Energy Transition I

Company	Information
<u>agriportance</u>	<u>agriportance is a Münster-based biomethane start-up that specialises in monitoring sustainability certification and buying and selling biomethane. Using greenhouse gas software, producers can create their carbon footprint on a monthly basis according to the strict requirements of the Renewable Energy Directive (RED).</u>
<u>Cuculus</u>	<u>Cuculus supplies and operates software solutions for the energy sector and beyond. ZONOS, our core product, is only the starting point from which we develop tailor-made solutions together with our customers and partners.</u>
<u>FamPlus</u>	<u>famPlus, a social care matching service for company employees. The quality controlled, standardized online platform allows to easily identify the appropriate care giver and a taylor made matching based on personal needs of the working parents.</u>
<u>Flowtify</u>	<u>Flowtify helps in implementing HACCP documents in a complete and traceable fashion in accordance with EU Regulation 852/2004 on tablets and smartphones.</u>
<u>Node.energy</u>	<u>Node.energy develops software to optimize energy costs for companies with on-site power generation.</u>

ESG & Energy Transition II

Company	Information
<u>Ctrl+s</u>	<u>Ctrl+s offers high resolution insights into the deep supply chain as the building blocks for a substantive sustainability strategy and effective decarbonization.</u>

Productivity Tools I

Company	Information
<u>Certivity</u>	<u>Certivity is a RegTech company developing a software platform to seamlessly connect the legal and regulatory world to the engineering processes resulting in smarter, safer, more transparent, more efficient, and cheaper management of regulatory requirements.</u>
<u>Filestage</u>	<u>Filestage is a web application to share, review and approve media content with teams and clients. Instead of sending emails back and forth, reviewers annotate their comments and change request directly inside the file. Revisions in Filestage are easy, efficient and clearly documented. Filestage supports reviews of videos, audio files, documents and designs.</u>
<u>Notch</u>	<u>Notch is a modular workspace for buyer-seller collaboration, designed to simplify b2b sales from the first demo to customers' success by bringing all elements of the sales process into one buyer-facing workspace.</u>
<u>Supportwave</u>	<u>Supportwave.com is an innovative IT services company that connects businesses with IT specialists on-demand. The Supportwave platform matches IT specialists to SMB and Enterprise businesses.</u>

Productivity Tools II

Company	Information
<u>Userlane</u>	<u>Userlane provides a technology to create step-by-step guides within minutes, without any coding or having to change the underlying software. This allows customers to implement and adapt interactive guides in every part of their existing software without implementation effort</u>
<u>Vertama</u>	<u>Vertama specialises in accelerating manual workflows by designing and implementing accessible, digital micro-processes in existing system environments</u>
<u>virtualQ</u>	<u>virtualQ® provides a software for call centers that avoids time on hold for callers and solves problems with peak management and reduces phone line costs for companies.</u>
<u>Workpath</u>	<u>Workpath provides the strategic operating software with simple workflow tools for strategic goal setting and analytics to monitor organizational health and performance.</u>
<u>YOND</u>	<u>Yond develops a digital platform with innovative features and seamless integrations to scale the business model of fitness chains.</u>

Big Data Analytics & Business Analytics I

Company	Information
<u>akirolabs</u>	<u>akirolabs, founded in 2021 by Michael Pleuger, Detlef Schultz, Christoph Flöthmann, and Tim Ergenzinger, develops and provides an AI powered SaaS platform for collaborative strategic procurement..</u>
<u>ConWeaver</u>	<u>ConWeaver develops and markets solutions for dynamic linking and exchange of company-wide, heterogeneous engineering and manufacturing data spanning system, language and process boundaries.</u>
<u>Covalo</u>	<u>Covalo™ makes consumer goods product development faster and easier. It is a comprehensive B2B platform that helps consumer good brands discover, connect and transact with the best ingredient, services, and packaging suppliers.</u>
<u>Datarade</u>	<u>Datarade's mission is to make the global data market more transparent and efficient, enabling data hunters and data providers to connect and build trusted data partnerships across the globe.</u>
<u>enexion</u>	<u>enexion permanently reduces the cost of energy costs and minimizes the procurement risks of industrial consumers. Comprehensive procurement solutions are introduced and implemented sustainably on the basis of innovative IT systems.</u>

Big Data Analytics & Business Analytics II

Company	Information
<u>FINDIQ</u>	<u>FINDIQ offers the first approach to intelligently exploit the outgoing knowledge of the mechanical engineering industry. For the first time, a new type of AI integrates knowledge management and an assistance system in a service software.</u>
<u>GlassDollar</u>	<u>Through data, software and operational support, GlassDollar provides a Venture Clienting OS that helps corporate innovators use startup solutions to achieve tangible impact — on their organization and the world</u>
<u>GlassFlow</u>	<u>GlassFlow is democratizing data streaming by allowing companies to shift focus from infrastructure setup to creating new use cases. With its platform, the Berlin-based startup helps data engineers effortlessly build and transform data streams while unlocking the full potential of event processing for organizations of all sizes.</u>
<u>Implisense</u>	<u>Implisense helps companies in the B2B business to more easily find new customers and retain existing customers.</u>

Big Data Analytics & Business Analytics III

Company	Information
<u>Nordantech</u>	<u>Nordantech develops an intelligent project management software for enterprise transformations: Falcon. Falcon makes it possible to coordinate and manage complex projects in addition to the daily business in terms of milestones and financial effects through time-saving and clear-cut features.</u>
<u>Simreka</u>	<u>Simreka is a data-driven simulation platform that accelerates materials and manufacturing process innovation using AI by empowering brands and manufacturers reducing their R&D cycles and time-to-market.</u>
<u>Tomorrow Things</u>	<u>Tomorrow Things is an intelligent automation platform that creates digital twins of technical assets. Complex, error-prone, and cost-intense manual integrations are being substituted by technology.</u>
<u>Wetransform</u>	<u>There are more than 25.000 standards for data exchange. wetransform makes it easy to integrate complex systems with its data-driven design and transformation platform and enables experts to create better specifications for data exchange.</u>

Blockchain & Web3 I

Company	Information
<u>Agora Innovation</u>	<u>The blockchain start-up develops the platform-independent software solution IVE (Identity Verification Engine), which enables regulated and legally compliant security token transactions in different countries by linking digital identities with anonymous cryptowallets.</u>
<u>AuditOne</u>	<u>AuditOne is an auditor pooling platform for smart contract audits, offering peer-reviewed smart contract audits and other security services in Web3.</u>
<u>Coinlend</u>	<u>Coinlend GmbH is a Mannheim-based, globally active SaaS company that offers solutions for the automation and optimization of margin funding in the cryptocurrency sector.</u>
<u>Coinpanion</u>	<u>Coinpanion enables everyone, without any prior cryptocurrency experience, to benefit automatically from the cryptocurrency market. The start-up provides a full end-to-end service, from entering the market to automatic asset management.</u>
<u>Deutsche Digital Assets GmbH</u>	<u>Established in 2017, Deutsche Digital Assets GmbH (DDA) is a German digital asset manager that serves as a trusted gateway for investors seeking exposure to crypto assets.</u>
<u>Spherity</u>	<u>Spherity is building decentralized identity management solutions to power the 4th industrial revolution, bringing secure identities (“Digital Twins”) to machines, algorithms, and other non-human entities.</u>

Blockchain & Web3 II

Company	Information
<u>Tangany</u>	<u>Tangany is the reliable custody blockchain provider for companies. Their solution provides the highest performance, security and usability. They help global customers to develop blockchain applications and digitize assets (real estate, raw materials, art, plants and much more).</u>
<u>Threedium</u>	<u>Threedium specialises in providing the most light-weight 3D solutions to boost online engagement, increase conversions and minimise product returns.</u>
<u>Venly</u>	<u>Venly is a Belgian blockchain technology provider to solve the complexity of blockchain technology and make it ready for mainstream adoption. Venly does this with its blockchain agnostic, digital wallet-, and NFT services together with a NFT marketplace.</u>

Artificial Intelligence I

Company	Information
<u>Audavis</u>	<u>AUDAVIS is a Munich-based startup that leverages a scalable cloud application to access data from ERP and accounting systems. It prepares this data for audit actions and employs various AI systems to comprehensively check for accuracy, consistency, and risk-free nature, adhering to and exceeding audit standards.</u>
<u>cloudsquid</u>	<u>Cloudsquid offers a scalable, secure platform for building unstructured data pipelines, enabling engineering and data teams to focus on core product functionality rather than data integration.</u>
<u>enercast</u>	<u>enercast's self-learning SaaS products provide accurate power forecasts for wind and solar plants, enabling the integration of renewables into energy grids. The platform supports the decision-making processes of industrial customers from the energy sector and industry via artificial intelligence and big data.</u>
<u>Erium</u>	<u>Erium is developing the Halerium data science platform which allows companies of all sizes to get meaningful insights from data. HALerium empowers people from various disciplines to create their own AI models and to tackle challenging problems.</u>
<u>Eyeware</u>	<u>Eyeware is a Swiss computer vision startup developing 3D eye tracking software for consumer cameras with depth sensing. Eyeware launched in September 2016, as a spin-off from the Idiap Research Institute, with the mission to bring 3D eye tracking to consumer devices.</u>

Artificial Intelligence II

Company	Information
<u>DeepScenario</u>	<u>DeepScenario is an AI start-up that provides the world's leading platform for training, testing, and validating autonomous systems of any kind, with a particular focus on the automotive industry.</u>
<u>DemoSquare</u>	<u>DemoSquare is an EPFL spinoff that develops state-of-the-art artificial-intelligence algorithms to help companies anticipate political and regulatory changes through a cutting-edge user interface.</u>
<u>Graswald</u>	<u>Graswald digitizes nature for the entertainment industry. With the digital ecosystems created by Graswald, 3D studios and individual users can create complete photorealistic 3D worlds within minutes.</u>
<u>JUPUS</u>	<u>The Cologne-based company JUPUS is one of the leading providers of AI software for the legal sector in Germany and enables lawyers to fully automate the client intake process from initial contact to the complete file.</u>
<u>Neural Concept</u>	<u>Neural Concept has developed the first deep learning software for computer aided design and engineering that can significantly accelerate engineering simulations and product development processes</u>
<u>oculai</u>	<u>oculai is a ConTech start-up that uses cameras and artificial intelligence to automatically monitor construction processes and progress.</u>

Artificial Intelligence III

Company	Information
<u>Pagent.ai</u>	<u>Behind pagent.ai is aihumin GmbH, founded a year ago in Bonn, which pursues the development of application-oriented AI solutions in the field of communication. The team, with employees from five different countries, works with companies throughout Europe.</u>
<u>Scavenger AI</u>	<u>Scavenger AI develops three proprietary AI tools, linked in a workflow, which allow companies to make the best possible decision under any circumstances based on their data.</u>
<u>Sky Engine AI</u>	<u>SKY ENGINE AI is an advanced Data Science technology and research company. SKY ENGINE AI Platform allows building optimal, customised AI models from scratch and training them in Virtual Reality.</u>
<u>Syte</u>	<u>Syte is an AI-engine that discovers real-estate development potentials in real-time. With the local building law in mind, it understands the architecture of the city and identifies the best spatial utilisation. Taking existing buildings into account, it helps creating new living space, supporting sustainable material and reducing soil sealing.</u>
<u>traide AI</u>	<u>Berlin-based start-up traide AI offers an AI-based solution to digitalize customs processes in import to and export from Germany.</u>

Artificial Intelligence III

Company	Information
<u>VisioLab</u>	<u>Osnabrück-based start-up VisioLab offers AI-based self-checkout solutions for the food service providers. The company's solutions are designed to simplify the checkout process and improve the customer experience while reducing labour costs. The founders Tim Niekamp (CEO) and Iwo Gernemann (COO) are supported by an 18-member international team.</u>

IT Security I

Company	Information
<u>Code Intelligence</u>	<u>Code Intelligence enables companies to strengthen the security and reliability of their software. At the foundation of its technology stack the startup utilizes fuzzing, a modern application security testing technology. Through fuzzing a large scale of attack vectors can be tested automatically through pseudo-random mutations of the input parameters, uncovering vulnerabilities as well as reliability issues efficiently and timely.</u>
<u>Graylog</u>	<u>Graylog provides service and support for the open source Graylog solution which stores, searches, and analyzes machine data collected from IT infrastructures and applications.</u>
<u>Hanko</u>	<u>Hanko.io enables the switch to secure and completely passwordless multifactor authentication.</u>
<u>PXL Vision</u>	<u>PXL Vision AG is a Swiss high-tech spin-off of the Swiss Federal Institute of Technology (ETH). PXL Vision provides leading solutions for the automation and enhancement of identity verification and customer onboarding through tailored software solutions powered by the latest developments in Computer Vision and Machine Learning</u>

IT Security II

Company	Information
<u>Resility</u>	<u>Resility GmbH aims to help companies cope with the increasing number of successful cloud attacks and data breaches. The causes for these cloud attacks are manifold and range from insufficient knowledge and skills about cloud security to the lack of efficient cloud security tools on the market</u>
<u>VMRay</u>	<u>VMRay's monitoring and analysis technology utilizes advanced hardware-virtualization for the analysis of malware, such as regular viruses, worms, trojans, spyware, but also complex and sophisticated kernel rootkits and bootkits.</u>

Cloud Services & Infrastructure I

Company	Information
<u>cloudplan</u>	<u>The cloudplan SaaS application connects PCs, servers and mobile devices on the local network or globally over the Internet to create a cost-effective, highly available and private data storage and collaboration network. Without deep IT know-how, companies realize secure data storage and sharing, chat, automatic backup and private cloud storage.</u>
<u>eddyson</u>	<u>eddyson GmbH provides solutions for the digital exchange of documents between any two companies. Its solutions cover all EDI processes and suited specifically to answer needs of the B2B e-Commerce.</u>
<u>Yatta</u>	<u>Yatta develops a unified enterprise IT management platform to make software engineering more innovative, agile and cost effective.</u>
<u>Quobyte</u>	<u>Quobyte's software-based storage system enables enterprises of all sizes to fulfill all their storage needs with one software-defined and unified storage platform running on off-the-shelf server hardware.</u>
<u>sovity</u>	<u>sovity offers data sovereignty as a service. The start-up provides technology for Data Spaces based on standards such as International Data Spaces (IDS), Gaia-X or Eclipse Foundation.</u>
<u>Tixel</u>	<u>Development and marketing of systems for high speed and reliable data transfer over wide area networks. Tixel's TIXstream-technology offers the world's highest data transfer rates.</u>

Cloud Services & Infrastructure II

Company	Information
<u>tracekey</u>	<u>tracekey offers a smart and lean track and trace solution as a Software-as-a-Service (SaaS) which enables customers to make each product unique, distinctive and unequivocally verifiable in order to create and document an unbroken traceability.</u>
<u>Uniki</u>	<u>Uniki's Edge Computing solution increases productivity between teams, customers and partners and securely connects devices and company locations.</u>